



Stazione Appaltante
 Regione Siciliana
Comune di S. Stefano di Camastra
 Provincia di Messina



Procedura aperta ex art. 183 commi 1-14 d.lgs. 50/2016 s.m.i. per l'affidamento in project financing della concessione di lavori pubblici avente per oggetto la progettazione definitiva ed esecutiva, l'esecuzione dei lavori per la REALIZZAZIONE DEL PORTO TURISTICO E DELLE OPERE CONNESSE NEL COMUNE DI SANTO STEFANO DI CAMASTRA nonché della loro gestione economico-finanziaria

C.I.G.67535662F8

C.U.P.H21H07000030003

PROGETTO DEFINITIVO

Concessionario Individuato



Rappresentante legale: Cono Bruno

Via Campidoglio, 70 98076 Sant'Agata di Militello (ME)

Progettista indicato



Dott. Ing. Paolo Turbolente

Via Ajaccio, 14
00198 Roma



Amministratore Unico:

Prof. Ing. Vincenzo Cataliotti

Direttori tecnici:

Arch. Sebastiano Provenzano

Prof. Ing. Antonio Cataliotti

Via Vittorio Emanuele, 492

90134 Palermo

Titolo elaborato

RESIDENZE DIPORTISTI

- RELAZIONE DI CALCOLO
- CALCOLI STATICI
- STRUTTURE SECONDARIE

Elaborato

PD

REL

2.3 - RD

Scala

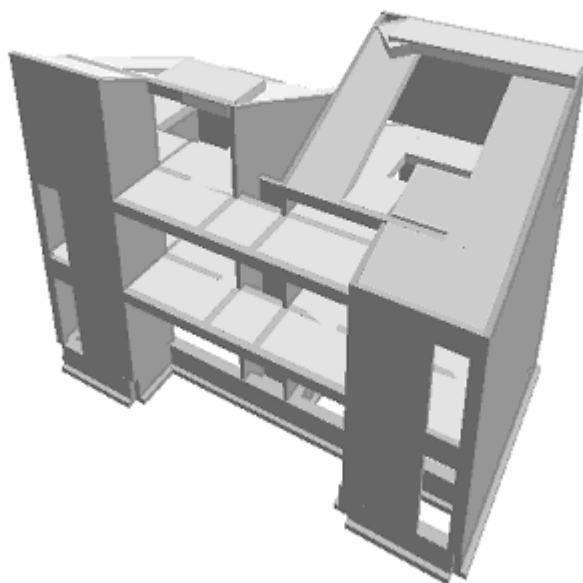
Data: Giugno 2017

Comune : SANTO STEFANO DI CAMASTRA

PROVINCIA : MESSINA

RELAZIONE DI CALCOLO

Progetto di nuova struttura ai sensi del D.M. 14/01/2008 "Norme Tecniche per le Costruzioni"



Archivio: RESIDENZE - Data: 08/12/2016

Oggetto: Calcolo delle strutture in C.A. per la realizzazione di un modulo a tre elevazioni fuori terra da destinare a residenza a servizio del porto turistico

Committente:

Progettista:

Progettista Strutturale:

Direttore dei Lavori:

--	--	--	--

1 Introduzione

1.1 Premessa

1.1.1 Cenni sulla casa produttrice del software

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

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

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

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

1.1.2 Descrizione dell'Opera da calcolare

Comune : SANTO STEFANO DI CAMASTRA

PROVINCIA : MESSINA

Oggetto : Calcolo delle strutture in C.A. perla realizzazione di un modulo
a tre elevazioni fuori terra dadestinare a residenza aservizio
del porto turistico

Committente :
Indirizzo :
Città :
PROVINCIA :
Telefono :

Progettista :
Indirizzo :
Città :
PROVINCIA :
Telefono :

Progettista Strutturale :
Indirizzo :
Città :
PROVINCIA :
Telefono :

Direttore dei Lavori :
Indirizzo :
Città :
PROVINCIA :
Telefono :

Nome File : RESIDENZE

1.2 Riferimenti Legislativi.

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

Norme Tecniche C.N.R. 10011:

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

Norme C.N.R. 10024:

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

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

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

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

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

UNI ENV 1992-1-1: Eurocodice 2:

"Progettazione delle strutture in calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici"

UNI ENV 1993-1-1: Eurocodice 3:

"Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici."

UNI ENV 1998-1-1: Eurocodice 8:

"Indicazioni progettuali per la resistenza sismica delle strutture - Parte 1-1: Regole generali."

D.M. 14/01/2008:

"Norme tecniche per le costruzioni."

Circolare 617 del 02/02/2009:

"Istruzioni per l'applicazione delle «Nuove norme tecniche per le costruzioni» di cui al decreto ministeriale 14 gennaio 2008."

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 struttura;
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;
v	: Coefficiente di Poisson;
α _t	: Coefficiente di dilatazione termica;

ps	: peso specifico;
fyk	: Resistenza caratteristica di snervamento dell'acciaio;
ftk	: Resistenza caratteristica di rottura dell'acciaio;
fd	: resistenza di calcolo dell'acciaio;
A	: Superficie della sezione trasversale;
J _x	: Momento di inerzia rispetto all'asse X;
J _y	: Momento di inerzia rispetto all'asse Y;
J _{xy}	: Momento di inerzia centrifugo rispetto agli assi X ed Y;
J _t	: Fattore torsionale;
N	: sforzo normale;
M _T	: Momento Torcente;
M _{XZ}	: Momento Flettente X-Z;
T _{XZ}	: Taglio X-Z;
M _{XY}	: Momento Flettente X-Y;
T _{XY}	: Taglio X-Y;
f	: Frequenza del modo i-esimo;
T	: Periodo del modo i-esimo;
Γ _x	: Fattore di partecipazione del modo i-esimo in direzione x;
Γ _y	: Fattore di partecipazione del modo i-esimo in direzione y;
Γ _z	: Fattore di partecipazione del modo i-esimo in direzione z;
N _{Sd}	: Sforzo Normale sollecitante di calcolo;
M _{SdXZ}	: Momento Flettente X-Z sollecitante di calcolo;
M _{SdXY}	: Momento Flettente X-Y sollecitante di calcolo;
M _{tS}	: Momento Torcente sollecitante di calcolo;
V _{SdXZ}	: Taglio X-Z sollecitante di calcolo;
V _{SdXY}	: Taglio X-Y sollecitante di calcolo;
N _{Rd}	: Sforzo Normale resistente di calcolo;
M _{RdXZ}	: Momento Flettente X-Z resistente di calcolo;
M _{RdXY}	: Momento Flettente X-Y resistente di calcolo;
M _{tR}	: Momento Torcente resistente di calcolo;
V _{RdXZ}	: Taglio X-Z resistente di calcolo;
V _{RdXY}	: Taglio X-Y resistente di calcolo;
σ _c	: Tensioni del calcestruzzo;
σ _s	: Tensioni delle armature;
σ _{c,lim}	: Tensioni limite del calcestruzzo;
σ _{s,lim}	: Tensioni limite dell'acciaio;
f/l	: rapporto freccia/lunghezza;
f _{lim}	: valore limite del rapporto freccia/lunghezza;

2 Descrizione del Modello.

2.1 Modello assunto per il calcolo.

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

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

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

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

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

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

Riferimento globale e locale.

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

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

Modellazione geometrica della struttura.

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

- Nodi

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

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

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

- Vincoli e Molle

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

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

- Vincoli interni

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

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

- Aste

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

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

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

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

- Asta su suolo elastico

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

- Lastra-Piastra

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

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

- Forze e coppie concentrate

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

agli elementi bidimensionali.

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

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

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

- Carichi distribuiti

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

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

Tutti i tipi di carico ripartito devono avere forma trapezia.

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

- Pannelli di carico

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

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

- Sezioni

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

Materiali.

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

Matrici di calcolo della struttura.

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

- Matrice di rigidezza

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

- Matrice delle masse

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

2.2 Tipo di calcolo.

ANALISI ORIZZONTALE DINAMICA LINEARE

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

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

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

Tale analisi è stata ripetuta per tutte le condizioni presenti sulla struttura, identificati dai vettori dei carichi relativi a:

- carichi permanenti;
- carichi d'esercizio;
- delta termico;
- torsioni accidentali;

- carichi utente;

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

Imp. Reale	Torsioni Accidentali	
	e _x [cm]	e _y [cm]
1	88.9	51.5
2	88.9	51.5
3	88.9	51.5

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	26706	32000	5887119899 6	889.2	515.6	888.1	721.3
2	35077	50813	6974669774 6	898.5	511.3	889.4	663.9
3	769526	432299	5343086682 76	867.0	564.2	960.1	637.5

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

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

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

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

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

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

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

Il periodo (T) è calcolato come:

$$T = 1 / f$$

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

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

dove: ϕ_i = autovettori normalizzati relativi al modo i-esimo
 d = vettore di trascinato (o di direzione di entrata del sisma)

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

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

I cinematismi modali vengono calcolati come:

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

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

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

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

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

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

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

Modo	Direzione X			Direzione Y		
	f [Hz]	T [s]	Δx %	f [Hz]	T [s]	Δy %
1	5.932	0.169	81.2	6.659	0.150	88.8
2	7.550	0.132	7.2	-	-	-
	Totale Δx (>=85%)		88.4	Totale Δy (>=85%)		88.8

2.3 Condizioni di carico valutate

Dati Condizioni.

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

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

Coefficienti di combinazione.

Nella seguente tabella vengono riportati i coefficienti di combinazione da normativa, 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}
Fond.	A - Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
Piano 1	A - Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
Piano 2	A - Ambienti ad uso residenziale	0.7	0.5	0.3	0.6	0.5	0.0
Piano 3	H - Coperture	0.0	0.0	0.0	0.6	0.5	0.0

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

Cat.	Destinazione	Altre azioni			Delta termico		
		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

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

Combinazioni per le verifiche allo Stato Limite di Salvaguardia della Vita

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

Elementi della Struttura									
Comb.	Condizione								
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)	Tors. acc. X(Mx)	Tors. acc. Y(My)	Sisma X	Sisma Y	Sisma Z
1*	$\gamma G1ns$	$\gamma G2ns$	γQns	0	0	0	0	0	0
2*	$\gamma G1ns$	$\gamma G2ns$	γQns	$\Psi 0\gamma Qns$	0	0	0	0	0
3*	$\gamma G1ns$	$\gamma G2ns$	γQns	$-\Psi 0\gamma Qns$	0	0	0	0	0
4*	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	γQns	0	0	0	0	0
5*	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	$-\gamma Qns$	0	0	0	0	0
6	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	0.30	0
7	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	0.30	0
8	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	-0.30	0
9	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	-0.30	0
10	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	0.30	0
11	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	0.30	0
12	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	-0.30	0
13	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	-0.30	0
14	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	1	0
15	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	1	0
16	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	1	0
17	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	1	0
18	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	-1	0
19	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	-1	0
20	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	-1	0
21	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	-1	0

*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

Elementi di fondazione A1									
Comb.	Condizione								
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)	Tors. acc. X(Mx)	Tors. acc. Y(My)	Sisma X	Sisma Y	Sisma Z
1*	$\gamma G1ns$	$\gamma G2ns$	γQns	0	0	0	0	0	0
2*	$\gamma G1ns$	$\gamma G2ns$	γQns	$\Psi 0\gamma Qns$	0	0	0	0	0
3*	$\gamma G1ns$	$\gamma G2ns$	γQns	$-\Psi 0\gamma Qns$	0	0	0	0	0
4*	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	γQns	0	0	0	0	0
5*	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	$-\gamma Qns$	0	0	0	0	0
6	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	0.30	0
7	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	0.30	0
8	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	-0.30	0
9	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	-0.30	0
10	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	0.30	0
11	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	0.30	0
12	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	-0.30	0
13	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	-0.30	0
14	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	1	0
15	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	1	0
16	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	1	0
17	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	1	0
18	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	-1	0
19	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	-1	0
20	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	-1	0
21	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	-1	0

*Combinazione fondamentale (par. 2.5.3, formula 2.5.1)

Combinazioni per le verifiche allo Stato Limite di Danno

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

Elementi della Struttura									
Comb.	Condizione								

RELAZIONE DI CALCOLO -

	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)	Tors. acc. X(Mx)	Tors. acc. Y(My)	Sisma X	Sisma Y	Sisma Z
1	$\gamma G1ns$	$\gamma G2ns$	γQns	0	0	0	0	0	0
2	$\gamma G1ns$	$\gamma G2ns$	γQns	$\Psi 0\gamma Qns$	0	0	0	0	0
3	$\gamma G1ns$	$\gamma G2ns$	γQns	$-\Psi 0\gamma Qns$	0	0	0	0	0
4	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	γQns	0	0	0	0	0
5	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	$-\gamma Qns$	0	0	0	0	0
6	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	0.30	0
7	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	0.30	0
8	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	-0.30	0
9	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	-0.30	0
10	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	0.30	0
11	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	0.30	0
12	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	-0.30	0
13	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	-0.30	0
14	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	1	0
15	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	1	0
16	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	1	0
17	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	1	0
18	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	-1	0
19	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	-1	0
20	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	-1	0
21	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	-1	0

Elementi di fondazione A1									
Comb.	Condizione								
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)	Tors. acc. X(Mx)	Tors. acc. Y(My)	Sisma X	Sisma Y	Sisma Z
1	$\gamma G1ns$	$\gamma G2ns$	γQns	0	0	0	0	0	0
2	$\gamma G1ns$	$\gamma G2ns$	γQns	$\Psi 0\gamma Qns$	0	0	0	0	0
3	$\gamma G1ns$	$\gamma G2ns$	γQns	$-\Psi 0\gamma Qns$	0	0	0	0	0
4	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	γQns	0	0	0	0	0
5	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	$-\gamma Qns$	0	0	0	0	0
6	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	0.30	0
7	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	0.30	0
8	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	1	-0.30	0
9	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	1	-0.30	0
10	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	0.30	0
11	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	0.30	0
12	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	1	0	-1	-0.30	0
13	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	-1	0	-1	-0.30	0
14	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	1	0
15	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	1	0
16	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	1	0
17	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	1	0
18	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	0.30	-1	0
19	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	0.30	-1	0
20	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	1	-0.30	-1	0
21	$\gamma G1s$	$\gamma G2s$	$\Psi 2\gamma Qs$	0	0	-1	-0.30	-1	0

I coefficienti utilizzati assumono i seguenti valori:

ELEMENTO	SLV						SLD					
	$\gamma G1ns$	$\gamma G2ns$	γQns	$\gamma G1s$	$\gamma G2s$	γQs	$\gamma G1ns$	$\gamma G2ns$	γQns	$\gamma G1s$	$\gamma G2s$	γQs
ELEMENTO	1.3	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Fondazione A1	1.3	1.5	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Combinazioni per le verifiche allo Stato limite di esercizio

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

Combinazioni Caratteristiche:

Elementi della Struttura	
Comb.	Condizione

	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G1ns$	$\gamma G2ns$	γQns	$\Psi 0\gamma Qns$
2	$\gamma G1ns$	$\gamma G2ns$	γQns	$-\Psi 0\gamma Qns$
3	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	γQns
4	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	$-\gamma Qns$

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G1ns$	$\gamma G2ns$	γQns	$\Psi 0\gamma Qns$
2	$\gamma G1ns$	$\gamma G2ns$	γQns	$-\Psi 0\gamma Qns$
3	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	γQns
4	$\gamma G1ns$	$\gamma G2ns$	$\Psi 0\gamma Qns$	$-\gamma Qns$

Combinazioni Frequenti:

Elementi della Struttura				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G1ns$	$\gamma G2ns$	$\Psi 1\gamma Qns$	$\Psi 2\gamma Qns$
2	$\gamma G1ns$	$\gamma G2ns$	$\Psi 1\gamma Qns$	$-\Psi 2\gamma Qns$
3	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$\Psi 1\gamma Qns$
4	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$-\Psi 1\gamma Qns$

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G1ns$	$\gamma G2ns$	$\Psi 1\gamma Qns$	$\Psi 2\gamma Qns$
2	$\gamma G1ns$	$\gamma G2ns$	$\Psi 1\gamma Qns$	$-\Psi 2\gamma Qns$
3	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$\Psi 1\gamma Qns$
4	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$-\Psi 1\gamma Qns$

Combinazioni quasi permanenti :

Elementi della Struttura				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$\Psi 2\gamma Qns$
2	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$-\Psi 2\gamma Qns$

Elementi di fondazione A1				
Comb.	Condizione			
	C. perm.(Gk1)	C. p. non str.(Gk2)	C. ese.(Qk)	Delta T(DT)
1	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$\Psi 2\gamma Qns$
2	$\gamma G1ns$	$\gamma G2ns$	$\Psi 2\gamma Qns$	$-\Psi 2\gamma Qns$

I coefficienti utilizzati assumono i seguenti valori:

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

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

2.4 Procedura di Verifica degli elementi.

3 Dati

3.1 Dati Generali

Numero Impalcati : 3
 Numero delle tipologie di sezioni trasversali usate : 3
 Numero delle tipologie di solaio utilizzate : 1

Impalcato	Quota assoluta min [cm]	Quota assoluta max [cm]	Quota relativa min [cm]	Quota relativa max [cm]	Numero Colonne	Numero Travi
Fond.	0.00	0.00	0.00	0.00	0	25
Piano 1	0.00	350.00	350.00	350.00	0	10
Piano 2	350.00	660.00	310.00	310.00	0	12
Piano 3	660.00	1020.00	30.00	360.00	0	6

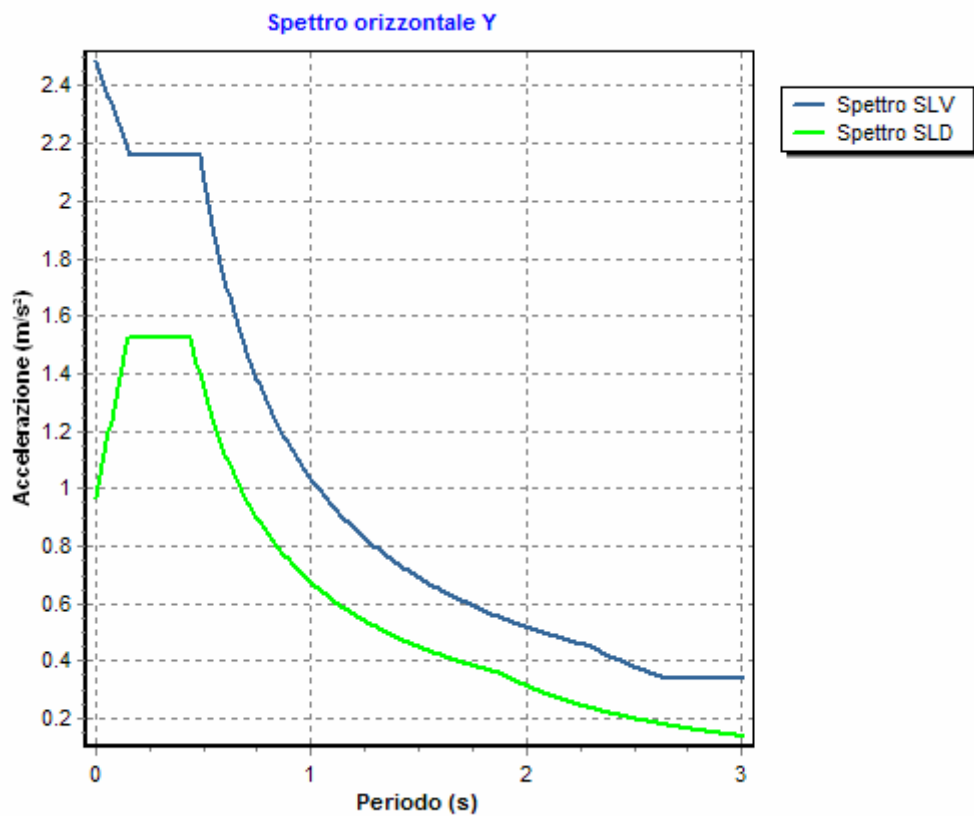
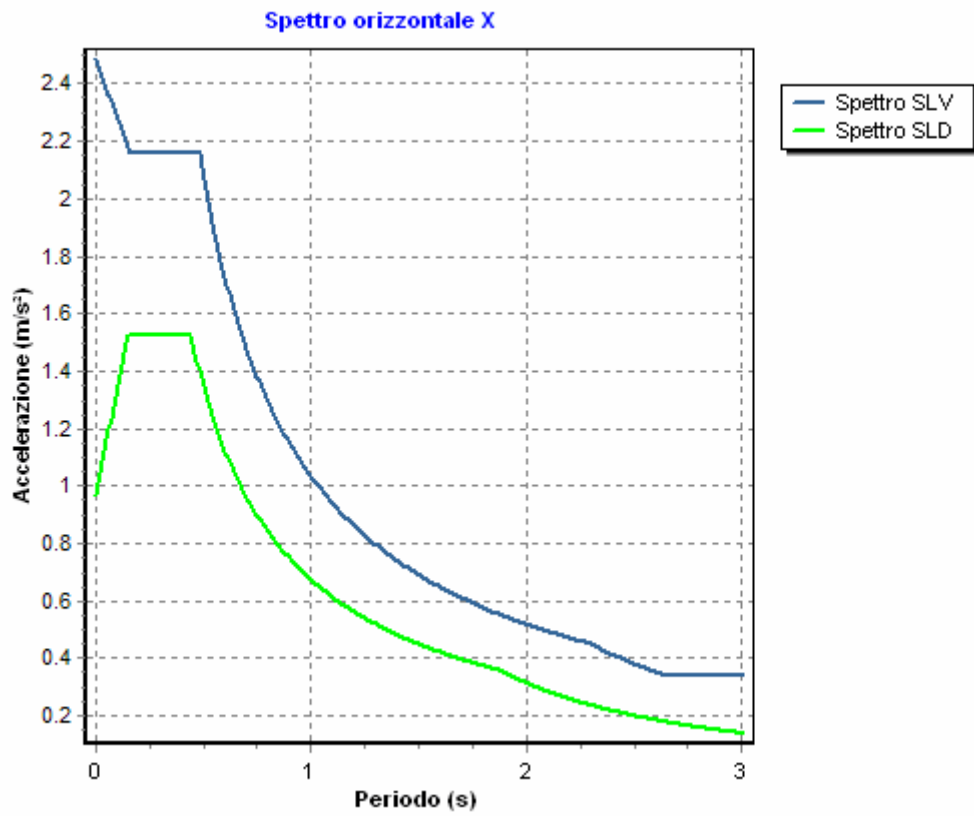
Coordinate (Datum WGS84) del sito : Latitudine = 38.0163° - Longitudine = 14.3551°
 Coordinate (Datum ED50) del sito : Latitudine = 38.0174° - Longitudine = 14.3560°

Identificativi e coordinate (Datum ED50) dei punti che includono il sito		
Numero punto	Latitudine [°]	Longitudine [°]
45634	38.0319	14.3137
45635	38.0314	14.3770
45856	37.9819	14.3131
45857	37.9814	14.3764

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

	Parametri dello spettro di risposta orizzontale							
	SLV		SLC		SLD		SLO	
Tempo di ritorno	475		975		50		30	
Accelerazione sismica	0.175		0.226		0.066		0.050	
Coefficiente Fo	2.395		2.455		2.357		2.359	
Periodo T _c *	0.311		0.317		0.275		0.261	
Coefficiente S _s	1.45		1.37		1.50		1.50	
Coefficiente di amplificazione topografica S _t	1.00		1.00		1.00		1.00	
Prodotto S _s · S _t	1.45		1.37		1.50		1.50	
Periodo T _B	0.16		0.16		0.15		0.14	
Periodo T _C	0.48		0.49		0.44		0.43	
Periodo T _D	2.30		2.50		1.86		1.80	
	x	y	x	y	x	y	x	y
Coefficiente η	0.362	0.362	1.000	1.000	*	*	*	*

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



- FATTORI DI STRUTTURA -

Fattore di struttura in direzione x (q_x)

: 2.76

FaTA e-version - Vers 30.2.40

Calcolato considerando i seguenti parametri:

Tipo Struttura : C.A.
 Regolarità in elevazione : NO
 Regolarità in pianta : NO
 Kr : 0.80
 Tipologia Edificio : Strutture a telaio a più piani e più campate
 α_u / α_1 : 1.15
 Tipologia Strutturale : Strutture a telaio, a pareti accoppiate, miste
 Modalità di collasso : Strutture a telaio e miste equivalenti a telai
 α_0 : 0.00
 Kw : 1.00

Fattore di struttura in direzione y (qy) : 2.76

Calcolato considerando i seguenti parametri:

Tipo Struttura : C.A.
 Regolarità in elevazione : NO
 Regolarità in pianta : NO
 Kr : 0.80
 Tipologia Edificio : Strutture a telaio a più piani e più campate
 α_u / α_1 : 1.15
 Tipologia Strutturale : Strutture a telaio, a pareti accoppiate, miste
 Modalità di collasso : Strutture a telaio e miste equivalenti a telai
 α_0 : 0.00
 Kw : 1.00

Fattore di struttura in direzione z (qz) : 1.50

Modulo di Winkler traslazionale : 5.00 daN/cm³
 Modulo di Winkler tangenziale : 2.50 daN/cm³
 Delta Termico aste di elevazione : 15
 Delta Termico aste di fondazione : 10
 Modulo di omogeneizzazione (per SLE) : 15
 Classe di servizio per le strutture in legno : 1

3.2 Elenco e Caratteristiche dei materiali.

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

a - Calcestruzzo

Nome	Classe	R _{ck} [daN/cm ²]	v	ps [daN/m ³]	α _t [1/°C]	E _c [daN/cm ²]	FC	γ _{m,c}	E _{ct} /E _c	f _{ck} [daN/cm ²]	f _{cm} [daN/cm ²]	f _{ed} SLU [daN/cm ²]	f _{ed} SLU [daN/cm ²]	f _{ed} SLD [daN/cm ²]	f _{ed} SLD [daN/cm ²]	f _{ctk,0.05} [daN/cm ²]	f _{ctm} [daN/cm ²]	ε _{cu} [%]	ε _{cu2} [%]
C25/30	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

b - Acciaio per C.A.

Nome	Tipo	γ _m	FC	E _s [daN/cm ²]	f _{yk} [daN/cm ²]	f _{tk} [daN/cm ²]	f _d SLU [daN/cm ²]	f _d SLD [daN/cm ²]	f _d SLE [daN/cm ²]	k	ε _{ud} [%]
B450C	B450C	1.15	-	2100000.0	4500.0	5400.0	3913.0	4500.0	3913.0	1.00	10.00

3.3 Elenco dei carichi.

3.3.1 Pesì propri unitari - G1.

FaTA e-version - Vers 30.2.40

Impalcato	Solai [daN/m ²]	Balconi [daN/m ²]	Scale [daN/m ²]
Fond.	-	-	-
Piano 1	364	-	-
Piano 2	364	-	-
Piano 3	364	364	-

- Analisi dei Carichi -

Piano 1

Solai

Tipologia solaio prevalente: SUT_CUBE25/5/5(Utente)

Peso Proprio Solaio: 364 daN/m²

Piano 2

Solai

Tipologia solaio prevalente: SUT_CUBE25/5/5(Utente)

Peso Proprio Solaio: 364 daN/m²

Piano 3

Solai

Tipologia solaio prevalente: SUT_CUBE25/5/5(Utente)

Peso Proprio Solaio: 364 daN/m²

Balconi

Tipologia balcone prevalente: SUT_CUBE25/5/5(Utente)

Peso Proprio Solaio: 364 daN/m²

3.3.2 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]
Fond.	100	100	100	100	582
Piano 1	100	100	100	100	582
Piano 2	100	100	100	100	582
Piano 3	100	100	100	0	0

- Analisi dei Carichi -

Fond.

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni con $100 < G2 \leq 200$ daN/m² (DM 14/01/2008)

Piano 1

Solai

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

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni con $100 < G2 \leq 200$ daN/m² (DM 14/01/2008)

Piano 2

Solai

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

Influenza Tramezzi

Il peso proprio degli elementi divisori interni viene ragguagliato ad un carico permanente portato uniformemente distribuito come definito dal punto 3.1.3.1 - Elementi divisori interni con $100 < G2 \leq 200$ daN/m² (DM 14/01/2008)

Piano 3

Solai

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

Balconi

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

3.3.3 Carichi Variabili unitari - Q.

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

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

3.3.4 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}
Fond.	A - Ambienti ad uso residenziale	0.3
Piano 1	A - Ambienti ad uso residenziale	0.3
Piano 2	A - Ambienti ad uso residenziale	0.3
Piano 3	H - Coperture	0.0

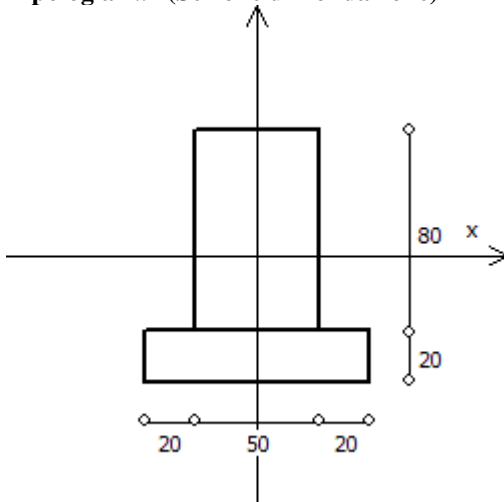
Per balconi e scale verranno usati i coefficienti calcolati come i maggiori tra quelli relativi alla categoria di carico di piano ed i seguenti:

Cat.	Destinazione	Ψ_{2i}
C2	Balconi, ballatoi e scale	0.6

Imp. Reale	G1 [daN]	G2 [daN]	$\Psi_2 \cdot Q_k$ [daN]	W (SLV-SLD) [daN]
0	128921.27	6044.97	1813.49	136779.73
1	174339.65	35475.46	10642.64	220457.75
2	177464.86	41075.36	10821.90	229362.12
3	72107.61	10833.98	0.00	82941.60

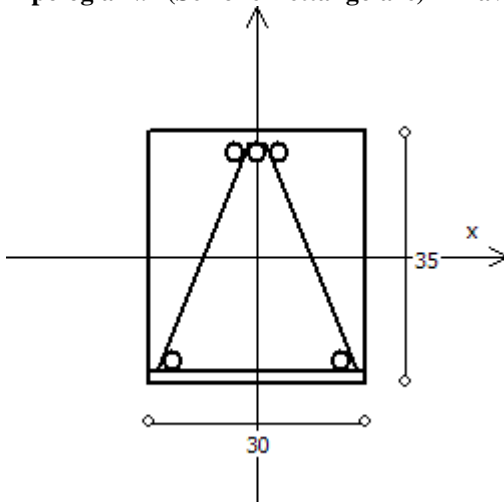
3.4 Elenco e Caratteristiche delle sezioni trasversali.

Tipologia N.1 (Sezione di Fondazione)



A	= 4000 cm ²
Jx	= 2133333 cm ⁴
Jy	= 833333 cm ⁴
Jt	= 2027083 cm ⁴
Materiale	= C 25/30
Peso	= 1000 daN/ml

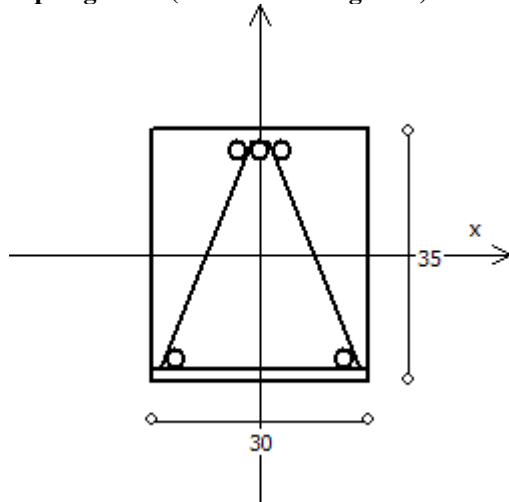
Tipologia N.2 (Sezione Rettangolare) - Trave SER



Nome tipologia	= trave S.E.R.
Copriferro superiore	= 50 mm
Copriferro laterale	= 30 mm
Copriferro inferiore	= 0 mm
Numero Martelli	= 0
Acciaio Barre	= B450C
Acciaio Piatto	= S355
Acciaio Reticolare	= B450C

Cls = C 25/30
 Acciaio Pioli = S355
 Spessore Piatto = 5 mm

Tipologia N.3 (Sezione Rettangolare) - Trave SER



Nome tipologia = trave S.E.R.
 Copriferro superiore = 50 mm
 Copriferro laterale = 30 mm
 Copriferro inferiore = 0 mm
 Numero Martelli = 0
 Acciaio Barre = B450C
 Acciaio Piatto = S355
 Acciaio Reticolare = B450C
 Cls = C 25/30
 Acciaio Pioli = S355
 Spessore Piatto = 5 mm

3.5 Geometria Struttura.

3.5.1 Fili Fissi.

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

Numero	Ascissa [cm]	Ordinata [cm]	Quota [cm]	Angolo [°]	Tipo
1	0.00	0.00	0.00	0.00	7
2	424.00	0.00	0.00	0.00	9
3	1353.00	0.00	0.00	0.00	7
4	1777.00	0.00	0.00	0.00	9
5	424.00	260.00	0.00	0.00	3
6	799.00	230.00	0.00	0.00	9
7	979.00	230.00	0.00	0.00	7
8	1373.00	260.00	0.00	0.00	3
9	0.00	230.00	0.00	0.00	7
10	799.00	375.00	0.00	0.00	9
11	979.00	375.00	0.00	0.00	7
12	1777.00	230.00	0.00	0.00	9
13	799.00	940.00	0.00	0.00	3

14	979.00	940.00	0.00	0.00	1
15	0.00	1030.00	0.00	0.00	1
16	679.00	1030.00	0.00	0.00	3
17	1099.00	1030.00	0.00	0.00	1
18	799.00	0.00	0.00	0.00	9
19	979.00	0.00	0.00	0.00	7
20	1777.00	1030.00	0.00	0.00	3
21	799.00	1030.00	0.00	0.00	3
22	979.00	1030.00	0.00	0.00	1

3.5.2 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	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
2	424.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
3	1353.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
4	1777.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
5	424.0	260.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
6	799.0	230.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
7	979.0	230.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
8	1373.0	260.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
9	0.0	230.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
10	799.0	375.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
11	979.0	375.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
12	1777.0	230.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
13	799.0	940.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
14	979.0	940.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
15	0.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
16	679.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
17	1099.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
18	1777.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	0	0													
19	799.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
20	979.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
21	0.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
22	424.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
23	1353.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
24	1777.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
25	424.0	260.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
26	799.0	230.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
27	979.0	230.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
28	1373.0	260.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
29	0.0	230.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
30	799.0	375.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
31	979.0	375.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
32	1777.0	230.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
33	799.0	940.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
34	979.0	940.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
35	0.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
36	679.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
37	1099.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
38	799.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
39	979.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
40	1777.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
41	799.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
42	979.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
43	0.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
44	424.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
45	1353.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
46	1777.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
47	424.0	260.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
48	799.0	230.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
49	979.0	230.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
50	1373.0	260.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
51	0.0	230.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
52	799.0	375.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
53	979.0	375.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
54	1777.0	230.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
55	799.0	940.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
56	979.0	940.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
57	0.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
58	679.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
59	1099.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
60	799.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
61	979.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
62	1777.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
63	979.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
64	0.0	0.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
65	424.0	0.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
66	1353.0	0.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
67	1777.0	0.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	0														
68	424.0	260.0	940.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
69	799.0	230.0	940.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
70	979.0	230.0	750.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
71	1373.0	260.0	750.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
72	0.0	230.0	940.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
73	799.0	375.0	900.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
74	979.0	375.0	800.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
75	1777.0	230.0	750.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
76	799.0	940.0	730.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
77	979.0	940.0	1000.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
78	0.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
79	679.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
80	1099.0	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
81	1777.0	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
82	979.0	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
83	0.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
84	40.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
85	150.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
86	40.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
87	150.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
88	1777.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
89	1623.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
90	1733.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
91	1623.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
92	1733.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
93	190.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
94	370.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
95	190.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
96	370.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
97	1419.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
98	1599.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
99	1419.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
100	1599.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
101	0.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
102	40.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
103	150.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
104	1623.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
105	1733.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
106	1777.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
107	370.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
108	260.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
109	260.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
110	1479.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
111	1589.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

112	1479.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
113	1589.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
114	95.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
115	241.3	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
116	332.7	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
117	95.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
118	241.3	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
119	332.7	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
120	0.0	0.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
121	0.0	0.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
122	424.0	0.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
123	424.0	0.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
124	424.0	0.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
125	0.0	153.3	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
126	0.0	76.7	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
127	0.0	153.3	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
128	0.0	76.7	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
129	0.0	230.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
130	0.0	230.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
131	0.0	230.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
132	424.0	86.7	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
133	424.0	173.3	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
134	424.0	86.7	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
135	424.0	173.3	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
136	424.0	260.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
137	424.0	260.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
138	424.0	260.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
139	1443.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
140	1533.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
141	1678.0	0.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
142	1443.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
143	1533.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
144	1678.0	0.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
145	1353.0	0.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
146	1353.0	0.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
147	1353.0	0.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
148	1777.0	0.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
149	1777.0	0.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
150	1366.3	173.3	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
151	1359.7	86.7	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
152	1366.3	173.3	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
153	1359.7	86.7	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
154	1373.0	260.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
155	1373.0	260.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
156	1373.0	260.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
157	1777.0	76.7	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
158	1777.0	153.3	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
159	1777.0	76.7	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
160	1777.0	153.3	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
161	1777.0	230.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	0														
162	1777.0	230.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
163	1777.0	230.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
164	799.0	302.5	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
165	799.0	302.5	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
166	799.0	230.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
167	799.0	230.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
168	799.0	230.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
169	799.0	375.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
170	799.0	375.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
171	799.0	375.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
172	979.0	302.5	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
173	979.0	302.5	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
174	979.0	375.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
175	979.0	375.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
176	979.0	375.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
177	979.0	230.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
178	979.0	230.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
179	979.0	230.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
180	0.0	930.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
181	0.0	830.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
182	0.0	730.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
183	0.0	630.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
184	0.0	530.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
185	0.0	430.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
186	0.0	330.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
187	0.0	930.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
188	0.0	830.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
189	0.0	730.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
190	0.0	630.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
191	0.0	530.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
192	0.0	430.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
193	0.0	330.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
194	0.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
195	0.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
196	0.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
197	889.0	375.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
198	889.0	375.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
199	799.0	469.2	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
200	799.0	563.3	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
201	799.0	657.5	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
202	799.0	751.7	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
203	799.0	845.8	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
204	799.0	469.2	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
205	799.0	563.3	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
206	799.0	657.5	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
207	799.0	751.7	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
208	799.0	845.8	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
209	799.0	940.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
210	799.0	940.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
211	799.0	940.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
212	979.0	845.8	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
213	979.0	751.7	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
214	979.0	657.5	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
215	979.0	563.3	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
216	979.0	469.2	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
217	979.0	845.8	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
218	979.0	751.7	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
219	979.0	657.5	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
220	979.0	563.3	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
221	979.0	469.2	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
222	979.0	940.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
223	979.0	940.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
224	979.0	940.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
225	1777.0	330.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
226	1777.0	430.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

227	1777.0	530.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
228	1777.0	630.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
229	1777.0	730.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
230	1777.0	830.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
231	1777.0	930.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
232	1777.0	330.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
233	1777.0	430.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
234	1777.0	530.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
235	1777.0	630.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
236	1777.0	730.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
237	1777.0	830.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
238	1777.0	930.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
239	1777.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
240	1777.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
241	1777.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
242	799.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
243	799.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
244	799.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
245	979.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
246	979.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
247	979.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
248	95.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
249	315.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
250	447.3	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
251	524.5	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
252	601.8	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
253	95.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
254	280.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
255	447.3	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
256	524.5	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
257	601.8	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
258	679.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
259	679.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
260	679.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
261	739.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
262	739.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
263	1179.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

264	1259.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
265	1339.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
266	1534.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
267	1688.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
268	1179.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
269	1259.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
270	1339.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
271	1509.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
272	1688.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
273	1099.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
274	1099.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
275	1099.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
276	1039.0	1030.0	350.0	Piano 1	M1	np	np	np	np	np	np	0.00	0.00	0.00	0.00
277	1039.0	1030.0	0.0	Fond.	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
278	95.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
279	241.3	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
280	332.7	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
281	0.0	0.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
282	0.0	0.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
283	424.0	0.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
284	424.0	0.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
285	424.0	0.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
286	0.0	153.3	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
287	0.0	76.7	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
288	0.0	230.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
289	0.0	230.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
290	0.0	230.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
291	424.0	86.7	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
292	424.0	173.3	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
293	424.0	260.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
294	424.0	260.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
295	424.0	260.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
296	1443.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
297	1533.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
298	1678.0	0.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
299	1353.0	0.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
300	1353.0	0.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
301	1353.0	0.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
302	1777.0	0.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
303	1777.0	0.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
304	1366.3	173.3	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
305	1359.7	86.7	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
306	1373.0	260.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
307	1373.0	260.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
308	1373.0	260.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
309	1777.0	76.7	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

310	1777.0	153.3	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
311	1777.0	230.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
312	1777.0	230.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
313	1777.0	230.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
314	799.0	302.5	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
315	799.0	230.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
316	799.0	230.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
317	799.0	230.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
318	799.0	375.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
319	799.0	375.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
320	799.0	375.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
321	979.0	302.5	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
322	979.0	375.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
323	979.0	375.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
324	979.0	375.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
325	979.0	230.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
326	979.0	230.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
327	979.0	230.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
328	0.0	930.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
329	0.0	830.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
330	0.0	730.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
331	0.0	630.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
332	0.0	530.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
333	0.0	430.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
334	0.0	330.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
335	0.0	1030.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
336	0.0	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
337	0.0	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
338	889.0	375.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
339	799.0	469.2	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
340	799.0	563.3	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
341	799.0	657.5	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
342	799.0	751.7	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
343	799.0	845.8	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
344	799.0	940.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
345	799.0	940.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
346	799.0	940.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
347	979.0	845.8	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
348	979.0	751.7	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
349	979.0	657.5	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
350	979.0	563.3	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
351	979.0	469.2	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
352	979.0	940.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
353	979.0	940.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
354	979.0	940.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
355	1777.0	330.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
356	1777.0	430.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
357	1777.0	530.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
358	1777.0	630.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
359	1777.0	730.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
360	1777.0	830.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
361	1777.0	930.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
362	1777.0	1030.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
363	1777.0	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
364	1777.0	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
365	86.7	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

		0													
366	173.3	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
367	315.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
368	447.3	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
369	524.5	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
370	601.8	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
371	679.0	1030.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
372	679.0	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
373	679.0	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
374	1194.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
375	1289.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
376	1384.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
377	1534.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
378	1683.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
379	1099.0	1030.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
380	1099.0	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
381	1099.0	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
382	84.8	0.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
383	169.6	0.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
384	254.4	0.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
385	339.2	0.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
386	0.0	0.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
387	0.0	0.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
388	0.0	0.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
389	424.0	0.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
390	424.0	0.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
391	424.0	0.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
392	0.0	153.3	966.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
393	0.0	76.7	993.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
394	0.0	230.0	846.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
395	0.0	230.0	753.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
396	424.0	86.7	993.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
397	424.0	173.3	966.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
398	424.0	260.0	846.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
399	424.0	260.0	753.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
400	1692.2	0.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
401	1607.4	0.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
402	1522.6	0.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
403	1437.8	0.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
404	1359.7	86.7	710.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
405	1366.3	173.3	730.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
406	1777.0	153.3	730.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
407	1777.0	76.7	710.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
408	799.0	302.5	920.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
409	799.0	230.0	846.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
410	799.0	230.0	753.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

411	799.0	375.0	820.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
412	799.0	375.0	740.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
413	799.0	302.5	775.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
414	979.0	375.0	730.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
415	0.0	941.1	717.8	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
416	0.0	852.2	745.6	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
417	0.0	763.3	773.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
418	0.0	674.4	801.1	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
419	0.0	585.6	828.9	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
420	0.0	496.7	856.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
421	0.0	407.8	884.4	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
422	0.0	318.9	912.2	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
423	799.0	469.2	871.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
424	799.0	563.3	843.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
425	799.0	657.5	815.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
426	799.0	751.7	786.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
427	799.0	845.8	758.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
428	979.0	469.2	833.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
429	979.0	563.3	866.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
430	979.0	657.5	900.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
431	979.0	751.7	933.3	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
432	979.0	845.8	966.7	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
433	979.0	940.0	915.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
434	979.0	940.0	830.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
435	979.0	940.0	745.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
436	1777.0	941.1	990.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
437	1777.0	852.2	960.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
438	1777.0	763.3	930.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
439	1777.0	674.4	900.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
440	1777.0	585.6	870.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
441	1777.0	496.7	840.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
442	1777.0	407.8	810.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
443	1777.0	318.9	780.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
444	1777.0	1030.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
445	1777.0	1030.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
446	1777.0	1030.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
447	979.0	1030.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
448	979.0	1030.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
449	979.0	1030.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
450	97.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
451	194.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
452	291.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
453	388.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
454	485.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
455	582.0	1030.0	690.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
456	1195.9	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
457	1292.7	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
458	1389.6	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
459	1486.4	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
460	1583.0	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	3	0	0												
461	1680.1	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
462	1099.0	1030.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
463	1099.0	1030.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
464	1099.0	1030.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
465	1039.0	1030.0	1020.0	Piano 3	M3	np	np	np	np	np	np	0.00	0.00	0.00	0.00
466	1039.0	1030.0	660.0	Piano 2	M2	np	np	np	np	np	np	0.00	0.00	0.00	0.00
467	40.0	0.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
468	40.0	0.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
469	40.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
470	95.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
471	150.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
472	150.0	0.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
473	150.0	0.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
474	241.3	0.0	91.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
475	332.7	0.0	89.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
476	241.3	0.0	182.1	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
477	332.7	0.0	177.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
478	332.7	0.0	264.9	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
479	241.3	0.0	268.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
480	0.0	76.7	269.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
481	0.0	153.3	264.9	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
482	0.0	76.7	91.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
483	0.0	76.7	181.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
484	0.0	153.3	177.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
485	0.0	153.3	89.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
486	424.0	173.3	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
487	424.0	86.7	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
488	424.0	173.3	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
489	424.0	173.3	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
490	424.0	86.7	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
491	424.0	86.7	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
492	1623.0	0.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
493	1623.0	0.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
494	1623.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
495	1678.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
496	1733.0	0.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
497	1733.0	0.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
498	1733.0	0.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
499	1443.0	0.0	88.6	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
500	1533.0	0.0	90.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
501	1443.0	0.0	263.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
502	1443.0	0.0	176.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
503	1533.0	0.0	179.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
504	1533.0	0.0	267.1	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
505	1359.7	86.7	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
506	1366.3	173.3	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
507	1359.7	86.7	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
508	1359.7	86.7	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
509	1366.3	173.3	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

510	1366.3	173.3	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
511	1777.0	153.3	265.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
512	1777.0	76.7	268.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
513	1777.0	153.3	89.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
514	1777.0	153.3	178.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
515	1777.0	76.7	180.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
516	1777.0	76.7	90.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
517	799.0	302.5	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
518	799.0	302.5	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
519	799.0	302.5	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
520	979.0	302.5	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
521	979.0	302.5	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
522	979.0	302.5	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
523	0.0	330.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
524	0.0	330.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
525	0.0	330.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
526	0.0	430.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
527	0.0	430.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
528	0.0	430.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
529	0.0	530.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
530	0.0	530.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
531	0.0	530.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
532	0.0	630.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
533	0.0	630.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
534	0.0	630.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
535	0.0	730.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
536	0.0	730.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
537	0.0	730.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
538	0.0	830.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
539	0.0	930.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
540	0.0	830.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
541	0.0	830.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
542	0.0	930.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
543	0.0	930.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
544	889.0	375.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
545	889.0	375.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
546	889.0	375.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
547	799.0	845.8	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
548	799.0	845.8	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
549	799.0	845.8	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
550	799.0	751.7	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
551	799.0	751.7	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
552	799.0	751.7	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
553	799.0	657.5	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
554	799.0	657.5	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
555	799.0	657.5	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
556	799.0	563.3	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
557	799.0	469.2	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
558	799.0	563.3	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
559	799.0	563.3	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
560	799.0	469.2	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
561	799.0	469.2	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
562	979.0	469.2	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
563	979.0	469.2	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
564	979.0	469.2	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
565	979.0	563.3	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
566	979.0	563.3	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
567	979.0	563.3	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
568	979.0	657.5	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
569	979.0	657.5	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
570	979.0	657.5	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
571	979.0	751.7	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
572	979.0	845.8	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
573	979.0	751.7	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
574	979.0	751.7	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
575	979.0	845.8	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

576	979.0	845.8	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
577	1777.0	930.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
578	1777.0	930.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
579	1777.0	930.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
580	1777.0	830.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
581	1777.0	830.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
582	1777.0	830.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
583	1777.0	730.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
584	1777.0	730.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
585	1777.0	730.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
586	1777.0	630.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
587	1777.0	630.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
588	1777.0	630.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
589	1777.0	530.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
590	1777.0	530.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
591	1777.0	530.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
592	1777.0	430.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
593	1777.0	330.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
594	1777.0	430.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
595	1777.0	430.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
596	1777.0	330.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
597	1777.0	330.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
598	190.0	1030.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
599	190.0	1030.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
600	190.0	1030.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
601	280.0	1030.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
602	370.0	1030.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
603	370.0	1030.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
604	370.0	1030.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
605	95.0	1030.0	90.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
606	95.0	1030.0	178.9	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
607	95.0	1030.0	266.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
608	447.3	1030.0	91.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
609	524.5	1030.0	89.9	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
610	601.8	1030.0	88.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
611	601.8	1030.0	176.2	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
612	601.8	1030.0	263.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
613	447.3	1030.0	182.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

		0													
614	524.5	1030.0	178.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
615	524.5	1030.0	265.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
616	447.3	1030.0	268.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
617	739.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
618	739.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
619	739.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
620	1419.0	1030.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
621	1419.0	1030.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
622	1419.0	1030.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
623	1509.0	1030.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
624	1599.0	1030.0	280.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
625	1599.0	1030.0	186.7	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
626	1599.0	1030.0	93.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
627	1179.0	1030.0	262.6	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
628	1179.0	1030.0	175.3	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
629	1179.0	1030.0	87.9	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
630	1259.0	1030.0	88.6	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
631	1339.0	1030.0	90.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
632	1259.0	1030.0	263.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
633	1259.0	1030.0	176.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
634	1339.0	1030.0	179.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
635	1339.0	1030.0	267.1	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
636	1535.7	1030.0	315.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
637	1574.6	1030.0	315.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
638	1688.0	1030.0	90.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
639	1688.0	1030.0	180.8	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
640	1688.0	1030.0	267.4	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
641	1039.0	1030.0	262.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
642	1039.0	1030.0	175.0	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
643	1039.0	1030.0	87.5	Piano 1	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
644	40.0	0.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
645	40.0	0.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
646	40.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
647	95.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
648	150.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
649	150.0	0.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
650	150.0	0.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
651	241.3	0.0	435.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
652	332.7	0.0	431.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
653	241.3	0.0	520.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
654	332.7	0.0	510.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
655	332.7	0.0	587.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
656	241.3	0.0	594.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

657	0.0	76.7	596.4	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
658	0.0	153.3	587.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
659	0.0	76.7	435.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
660	0.0	76.7	518.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
661	0.0	153.3	510.2	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
662	0.0	153.3	430.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
663	424.0	173.3	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
664	424.0	86.7	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
665	424.0	173.3	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
666	424.0	173.3	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
667	424.0	86.7	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
668	424.0	86.7	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
669	1623.0	0.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
670	1623.0	0.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
671	1623.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
672	1678.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
673	1733.0	0.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
674	1733.0	0.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
675	1733.0	0.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
676	1443.0	0.0	429.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
677	1533.0	0.0	434.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
678	1443.0	0.0	584.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
679	1443.0	0.0	508.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
680	1533.0	0.0	514.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
681	1533.0	0.0	592.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
682	1359.7	86.7	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
683	1366.3	173.3	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
684	1359.7	86.7	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
685	1359.7	86.7	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
686	1366.3	173.3	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
687	1366.3	173.3	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
688	1777.0	153.3	589.4	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
689	1777.0	76.7	595.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
690	1777.0	153.3	431.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
691	1777.0	153.3	511.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
692	1777.0	76.7	517.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
693	1777.0	76.7	434.4	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
694	799.0	302.5	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
695	799.0	302.5	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
696	799.0	302.5	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
697	979.0	302.5	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
698	979.0	302.5	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
699	979.0	302.5	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
700	0.0	330.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
701	0.0	330.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
702	0.0	330.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
703	0.0	430.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
704	0.0	430.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
705	0.0	430.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

706	0.0	530.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
707	0.0	530.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
708	0.0	530.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
709	0.0	630.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
710	0.0	630.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
711	0.0	630.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
712	0.0	730.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
713	0.0	730.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
714	0.0	730.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
715	0.0	830.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
716	0.0	930.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
717	0.0	830.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
718	0.0	830.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
719	0.0	930.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
720	0.0	930.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
721	889.0	375.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
722	889.0	375.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
723	889.0	375.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
724	799.0	845.8	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
725	799.0	845.8	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
726	799.0	845.8	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
727	799.0	751.7	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
728	799.0	751.7	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
729	799.0	751.7	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
730	799.0	657.5	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
731	799.0	657.5	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
732	799.0	657.5	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
733	799.0	563.3	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
734	799.0	469.2	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
735	799.0	563.3	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
736	799.0	563.3	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
737	799.0	469.2	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
738	799.0	469.2	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
739	979.0	469.2	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
740	979.0	469.2	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
741	979.0	469.2	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
742	979.0	563.3	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
743	979.0	563.3	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
744	979.0	563.3	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
745	979.0	657.5	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
746	979.0	657.5	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
747	979.0	657.5	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
748	979.0	751.7	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
749	979.0	845.8	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
750	979.0	751.7	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
751	979.0	751.7	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
752	979.0	845.8	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
753	979.0	845.8	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
754	1777.0	930.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
755	1777.0	930.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
756	1777.0	930.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
757	1777.0	830.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
758	1777.0	830.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
759	1777.0	830.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
760	1777.0	730.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
761	1777.0	730.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
762	1777.0	730.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
763	1777.0	630.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
764	1777.0	630.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
765	1777.0	630.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
766	1777.0	530.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	0														
767	1777.0	530.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
768	1777.0	530.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
769	1777.0	430.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
770	1777.0	330.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
771	1777.0	430.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
772	1777.0	430.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
773	1777.0	330.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
774	1777.0	330.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
775	315.0	1030.0	355.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
776	260.0	1030.0	355.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
777	260.0	1030.0	445.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
778	260.0	1030.0	535.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
779	260.0	1030.0	625.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
780	315.0	1030.0	625.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
781	370.0	1030.0	625.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
782	370.0	1030.0	535.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
783	370.0	1030.0	445.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
784	370.0	1030.0	355.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
785	524.5	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
786	524.5	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
787	524.5	1030.0	586.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
788	447.2	1030.0	520.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
789	447.2	1030.0	436.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
790	173.3	1030.0	525.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
791	86.7	1030.0	515.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
792	90.8	1030.0	432.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
793	175.4	1030.0	438.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
794	601.8	1030.0	583.1	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
795	601.7	1030.0	505.2	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
796	601.8	1030.0	427.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
797	447.2	1030.0	595.2	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
798	408.6	1030.0	371.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
799	408.6	1030.0	387.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
800	86.7	1030.0	589.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
801	173.3	1030.0	597.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
802	231.8	1030.0	381.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
803	1479.	1030.	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	0	0													
804	1479.0	1030.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
805	1479.0	1030.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
806	1534.0	1030.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
807	1589.0	1030.0	620.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
808	1589.0	1030.0	530.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
809	1589.0	1030.0	440.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
810	1651.7	1030.0	521.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
811	1714.3	1030.0	513.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
812	1672.6	1030.0	613.9	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
813	1662.1	1030.0	567.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
814	1630.8	1030.0	616.9	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
815	1281.5	1030.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
816	1274.0	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
817	1266.5	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
818	1410.7	1030.0	521.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
819	1342.3	1030.0	513.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
820	1392.9	1030.0	613.9	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
821	1401.8	1030.0	567.8	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
822	1707.7	1030.0	431.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
823	1640.5	1030.0	435.3	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
824	1719.0	1030.0	568.2	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
825	1722.9	1030.0	614.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
826	1627.3	1030.0	571.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
827	1634.3	1030.0	645.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
828	1182.8	1030.0	427.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
829	1186.5	1030.0	505.0	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
830	1190.3	1030.0	582.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
831	1411.5	1030.0	435.7	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
832	1339.6	1030.0	431.6	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
833	1341.9	1030.0	554.5	Piano 2	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
834	244.6	0.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
835	247.9	0.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
836	251.1	0.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
837	82.6	0.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
838	164.3	0.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
839	88.8	0.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
840	337.6	0.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
841	335.9	0.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
842	334.3	0.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
843	83.7	0.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
844	167.3	0.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
845	163.5	0.0	750.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
846	42.9	0.0	690.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

847	0.0	57.5	841.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
848	0.0	115.0	843.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
849	0.0	172.5	845.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
850	0.0	172.5	752.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
851	0.0	115.0	751.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
852	0.0	57.5	750.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
853	0.0	162.9	706.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
854	0.0	67.1	917.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
855	0.0	126.8	906.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
856	0.0	176.4	897.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
857	0.0	118.2	706.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
858	424.0	195.0	845.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
859	424.0	130.0	843.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
860	424.0	65.0	841.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
861	424.0	65.0	750.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
862	424.0	130.0	751.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
863	424.0	195.0	752.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
864	424.0	75.8	705.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
865	424.0	50.6	921.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
866	424.0	144.5	706.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
867	424.0	199.8	706.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
868	1734. 1	0.0	670.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
869	799.0	302.5	833.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
870	799.0	302.5	746.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
871	979.0	302.5	710.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
872	0.0	652.2	730.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
873	0.0	841.1	702.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
874	0.0	935.6	688.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
875	0.0	557.8	744.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
876	0.0	467.9	760.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
877	0.0	307.6	824.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
878	0.0	378.6	777.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
879	0.0	289.2	746.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
880	0.0	746.7	716.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
881	799.0	466.2	763.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
882	799.0	436.8	818.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
883	979.0	845.8	736.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
884	979.0	845.8	813.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
885	979.0	845.8	890.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
886	979.0	751.7	728.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
887	979.0	751.7	796.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
888	979.0	751.7	865.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
889	979.0	657.5	719.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
890	979.0	657.5	778.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
891	979.0	657.5	837.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
892	979.0	563.3	808.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
893	979.0	469.2	770.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
894	979.0	573.8	708.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
895	979.0	564.6	752.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
896	979.0	472.9	719.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
897	979.0	505.3	695.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
898	1777. 0	938.3	907.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
899	1777. 0	935.6	825.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
900	1777. 0	932.8	742.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
901	1777. 0	846.7	885.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
902	1777. 0	841.1	810.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
903	1777. 0	835.6	735.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
904	1777. 0	755.0	862.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
905	1777. 0	746.7	795.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
906	1777. 0	738.3	727.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
907	1777. 0	663.3	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
908	1777.	652.2	780.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	0														
909	1777.0	641.1	720.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
910	1777.0	571.7	817.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
911	1777.0	557.8	765.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
912	1777.0	543.9	712.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
913	1777.0	492.0	799.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
914	1777.0	470.6	756.3	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
915	1777.0	442.7	712.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
916	1777.0	341.9	720.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
917	1777.0	386.3	759.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
918	1777.0	428.7	789.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
919	1480.5	1030.0	732.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
920	1482.0	1030.0	804.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
921	1483.5	1030.0	876.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
922	1484.9	1030.0	948.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
923	1292.0	1030.0	946.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
924	1291.2	1030.0	876.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
925	1290.5	1030.0	804.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
926	1289.7	1030.0	732.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
927	1162.8	1030.0	828.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
928	1226.7	1030.0	816.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
929	1210.3	1030.0	738.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
930	1154.7	1030.0	744.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
931	1551.0	1030.0	737.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
932	1620.3	1030.0	742.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
933	1695.6	1030.0	748.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
934	1697.5	1030.0	836.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
935	1689.8	1030.0	927.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
936	1551.1	1030.0	817.6	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
937	1620.0	1030.0	831.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
938	1610.7	1030.0	922.5	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
939	1546.3	1030.0	891.7	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
940	1538.2	1030.0	953.2	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
941	1388.5	1030.0	947.8	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
942	1387.3	1030.0	875.9	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
943	1386.2	1030.0	804.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
944	1385.1	1030.0	732.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
945	1197.0	1030.0	945.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

	8	0													
946	1220.3	1030.0	879.4	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
947	1160.7	1030.0	879.1	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
948	1039.0	1030.0	930.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
949	1039.0	1030.0	840.0	Piano 3	-	np	np	np	np	np	np	0.00	0.00	0.00	0.00
950	1039.0	1030.0	750.0	Piano 3	-	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	890.21	493.44	350.00
M2	Impalcato Rigido	888.89	487.74	660.00
M3	Impalcato Rigido	883.38	549.30	854.39

3.5.3 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	84	Trave Fond.	1	40.00	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	1, 2	84	117	Trave Fond.	1	55.00	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	1, 2	117	85	Trave Fond.	1	55.00	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4	1, 2	85	118	Trave Fond.	1	91.33	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
5	1, 2	118	119	Trave Fond.	1	91.33	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
6	1, 2	119	2	Trave Fond.	1	91.33	Fond.	5.00	2.50	1.00	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	9, 1	9	127	Trave Fond.	1	76.67	Fond.	5.00	2.50	1.00	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	9, 1	127	128	Trave Fond.	1	76.67	Fond.	5.00	2.50	1.00	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	9, 1	128	1	Trave Fond.	1	76.67	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
10	2, 5	2	134	Trave Fond.	1	86.67	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
11	2, 5	134	135	Trave Fond.	1	86.67	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12	2, 5	135	5	Trave Fond.	1	86.67	Fond.	5.00	2.50	1.00	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	3, 4	3	142	Trave Fond.	1	90.00	Fond.	5.00	2.50	1.00	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	3, 4	142	143	Trave Fond.	1	90.00	Fond.	5.00	2.50	1.00	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	3, 4	143	89	Trave Fond.	1	90.00	Fond.	5.00	2.50	1.00	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	3, 4	89	144	Trave Fond.	1	55.00	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
17	3, 4	144	90	Trave Fond.	1	55.00	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18	3, 4	90	4	Trave Fond.	1	44.00	Fond.	5.00	2.50	1.00	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, 3	8	152	Trave Fond.	1	86.92	Fond.	5.00	2.50	1.00	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	8, 3	152	153	Trave Fond.	1	86.92	Fond.	5.00	2.50	1.00	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	8, 3	153	3	Trave Fond.	1	86.92	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
22	4, 12	4	159	Trave Fond.	1	76.67	Fond.	5.00	2.50	1.00	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	4, 12	159	160	Trave Fond.	1	76.67	Fond.	5.00	2.50	1.00	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	4, 12	160	12	Trave Fond.	1	76.67	Fond.	5.00	2.50	1.00	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	5, 6	5	6	Trave Fond.	1	376.20	Fond.	5.00	2.50	1.00	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	9, 5	9	5	Trave Fond.	1	425.06	Fond.	5.00	2.50	1.00	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	6, 7	6	7	Trave Fond.	1	180.00	Fond.	5.00	2.50	1.00	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	6, 10	6	165	Trave Fond.	1	72.50	Fond.	5.00	2.50	1.00	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, 10	165	10	Trave Fond.	1	72.50	Fond.	5.00	2.50	1.00	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	7, 8	7	8	Trave Fond.	1	395.14	Fond.	5.00	2.50	1.00	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, 11	7	173	Trave Fond.	1	72.50	Fond.	5.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

RELAZIONE DI CALCOLO -

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

Asta	Imp.	Fili	C.C.	DLoc X [daN/m]		DLoc Y [daN/m]		DLoc Z [daN/m]		Mom. Torcente [daNm/m]	
				in.	fin.	in.	fin.	in.	fin.	in.	fin.
113	Piano 3	13, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	0.00	0.00	-116.48	-116.48
			Car. Perm. G2	0.00	0.00	0.00	0.00	0.00	0.00	-32.00	-32.00
			Car. Eserc.	0.00	0.00	0.00	0.00	0.00	0.00	-128.00	-128.00

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	Fond.	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
2	Fond.	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
3	Fond.	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
4	Fond.	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
5	Fond.	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
6	Fond.	1, 2	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
7	Fond.	9, 1	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
8	Fond.	9, 1	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
9	Fond.	9, 1	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
10	Fond.	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
11	Fond.	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
12	Fond.	2, 5	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
13	Fond.	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
14	Fond.	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00
			Car. Perm. G2	0.00	0.00	0.00	0.00	-60.00	-60.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-60.00	-60.00
15	Fond.	3, 4	Car. Perm. G1	0.00	0.00	0.00	0.00	-1000.00	-1000.00

			Car. Perm. G2	0.00	0.00	0.00	0.00	-230.00	-230.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
112	Piano 3	8, 12	Car. Perm. G1	0.00	0.00	0.00	0.00	-990.50	-990.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-230.00	-230.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00
113	Piano 3	13, 16	Car. Perm. G1	0.00	0.00	0.00	0.00	-1281.70	-1281.70
			Car. Perm. G2	0.00	0.00	0.00	0.00	-310.00	-310.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-780.00	-780.00
114	Piano 3	14, 17	Car. Perm. G1	0.00	0.00	0.00	0.00	-990.50	-990.50
			Car. Perm. G2	0.00	0.00	0.00	0.00	-230.00	-230.00
			Car. Eserc.	0.00	0.00	0.00	0.00	-460.00	-460.00

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	1-2	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	9-1	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	2-5	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
4	Piano 1	3-4	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 1	8-3	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
6	Piano 1	4-12	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
7	Piano 1	6-10	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
8	Piano 1	11-7	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
9	Piano 1	15-9	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
10	Piano 1	10-11	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
11	Piano 1	10-13	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
12	Piano 1	14-11	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
13	Piano 1	12-20	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
14	Piano 1	21-13	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
15	Piano 1	14-22	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

RELAZIONE DI CALCOLO -

40	Piano 3	12-4	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
41	Piano 3	6-10	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
42	Piano 3	7-11	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
43	Piano 3	15-9	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
44	Piano 3	10-13	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
45	Piano 3	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
46	Piano 3	20-12	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
47	Piano 3	14-22	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
48	Piano 3	15-16	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
49	Piano 3	17-20	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
50	Piano 3	22-17	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/m ²]	DLoc Y [daN/m ²]	DLoc Z [daN/m ²]
1	Piano 1	1-2	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	9-1	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	2-5	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
4	Piano 1	3-4	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 1	8-3	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
6	Piano 1	4-12	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
7	Piano 1	6-10	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
8	Piano 1	11-7	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
9	Piano 1	15-9	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
10	Piano 1	10-11	Car. Perm. G1	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
11	Piano 1	10-13	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
12	Piano 1	14-11	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
13	Piano 1	12-20	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
14	Piano 1	21-13	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
15	Piano 1	14-22	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
16	Piano 1	15-16	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
17	Piano 1	16-21	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
18	Piano 1	17-20	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
19	Piano 1	22-17	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
20	Piano 2	1-2	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
21	Piano 2	9-1	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
22	Piano 2	2-5	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
23	Piano 2	3-4	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
24	Piano 2	8-3	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
25	Piano 2	4-12	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
26	Piano 2	6-10	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
27	Piano 2	11-7	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
28	Piano 2	15-9	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
29	Piano 2	10-11	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
30	Piano 2	10-13	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
31	Piano 2	14-11	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
32	Piano 2	12-20	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
33	Piano 2	15-16	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
34	Piano 2	17-20	Car. Perm. G1	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
35	Piano 3	1-2	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
36	Piano 3	9-1	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
37	Piano 3	2-5	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
38	Piano 3	4-3	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
39	Piano 3	3-8	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
40	Piano 3	12-4	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
41	Piano 3	6-10	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
42	Piano 3	7-11	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
43	Piano 3	15-9	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
44	Piano 3	10-13	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
45	Piano 3	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
46	Piano 3	20-12	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
47	Piano 3	14-22	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
48	Piano 3	15-16	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
49	Piano 3	17-20	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
50	Piano 3	22-17	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	1-2	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	9-1	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-677.04	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-372.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-372.00	0.00
3	Piano 1	2-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-1284.92	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-706.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-706.00	0.00
4	Piano 1	3-4	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
29	Piano 2	10-11	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	-40.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-40.00	0.00
30	Piano 2	10-13	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
31	Piano 2	14-11	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
32	Piano 2	12-20	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
33	Piano 2	15-16	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
34	Piano 2	17-20	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-400.00	0.00
35	Piano 3	1-2	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	-20.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-40.00	0.00
36	Piano 3	9-1	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-677.04	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-206.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-412.00	0.00
37	Piano 3	2-5	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-677.04	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-206.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-412.00	0.00
38	Piano 3	4-3	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	-20.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-40.00	0.00
39	Piano 3	3-8	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-698.88	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-212.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-424.00	0.00
40	Piano 3	12-4	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-698.88	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-212.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-424.00	0.00
41	Piano 3	6-10	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
42	Piano 3	7-11	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
43	Piano 3	15-9	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
44	Piano 3	10-13	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
45	Piano 3	11-14	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
46	Piano 3	20-12	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
47	Piano 3	14-22	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	-20.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-40.00	0.00
48	Piano 3	15-16	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
49	Piano 3	17-20	Car. perm. G1 in Testa	0.00	0.00	0.00	0.00	-728.00	0.00
			Car. perm. G2 in Testa	0.00	0.00	0.00	0.00	-220.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-440.00	0.00
50	Piano 3	22-17	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	-20.00	0.00
			Car. eserc. in Testa	0.00	0.00	0.00	0.00	-40.00	0.00

Carichi Globali distribuiti sulle Pareti

Parete : numero della piastra come da paragrafo "Caratteristiche delle pareti";

FaTA e-version - Vers 30.2.40

RELAZIONE DI CALCOLO -

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	1-2	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
2	Piano 1	9-1	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
3	Piano 1	2-5	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
4	Piano 1	3-4	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
5	Piano 1	8-3	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
6	Piano 1	4-12	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
7	Piano 1	6-10	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
8	Piano 1	11-7	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
9	Piano 1	15-9	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
10	Piano 1	10-11	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
11	Piano 1	10-13	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
12	Piano 1	14-11	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
13	Piano 1	12-20	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
14	Piano 1	21-13	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
15	Piano 1	14-22	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
16	Piano 1	15-16	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
17	Piano 1	16-21	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
18	Piano 1	17-20	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
19	Piano 1	22-17	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
20	Piano 2	1-2	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
21	Piano 2	9-1	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
22	Piano 2	2-5	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

			Car. Eserc.	0.00	0.00	0.00
23	Piano 2	3-4	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
24	Piano 2	8-3	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
25	Piano 2	4-12	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
26	Piano 2	6-10	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
27	Piano 2	11-7	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
28	Piano 2	15-9	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
29	Piano 2	10-11	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
30	Piano 2	10-13	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
31	Piano 2	14-11	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
32	Piano 2	12-20	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
33	Piano 2	15-16	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
34	Piano 2	17-20	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
35	Piano 3	1-2	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
36	Piano 3	9-1	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
37	Piano 3	2-5	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
38	Piano 3	4-3	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
39	Piano 3	3-8	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
40	Piano 3	12-4	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
41	Piano 3	6-10	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
42	Piano 3	7-11	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
43	Piano 3	15-9	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
44	Piano 3	10-13	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
45	Piano 3	11-14	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
46	Piano 3	20-12	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00

RELAZIONE DI CALCOLO -

			Car. Eserc.	0.00	0.00	0.00
47	Piano 3	14-22	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
48	Piano 3	15-16	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
49	Piano 3	17-20	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00
50	Piano 3	22-17	Car. Perm. G1	0.00	0.00	-500.00
			Car. Perm. G2	0.00	0.00	0.00
			Car. Eserc.	0.00	0.00	0.00

3.5.5 Carichi termici sugli elementi.

Aste

Asta : numero dell'asta come da 3.5.2

Imp. : impalcato al quale appartiene l'asta

Fili : fili fissi ai quali appartiene l'asta

Δt : delta termico costante applicato all'elemento.

Δt_{XY} : delta termico a farfalla nel piano XY applicato all'elemento.

h_{XY} : altezza di riferimento del delta termico nel piano XY applicato all'elemento.

Δt_{XZ} : delta termico a farfalla nel piano XZ applicato all'elemento.

h_{XZ} : altezza di riferimento del delta termico nel piano XZ applicato all'elemento.

Asta	Imp.	Fili	Δt [°C]	Δt_{XY} [°C]	h_{XY} [cm]	Δt_{XZ} [°C]	h_{XZ} [cm]
1	Fond.	1, 2	10.0	0.0	50.0	0.0	100.0
2	Fond.	1, 2	10.0	0.0	50.0	0.0	100.0
3	Fond.	1, 2	10.0	0.0	50.0	0.0	100.0
4	Fond.	1, 2	10.0	0.0	50.0	0.0	100.0
5	Fond.	1, 2	10.0	0.0	50.0	0.0	100.0
6	Fond.	1, 2	10.0	0.0	50.0	0.0	100.0
7	Fond.	9, 1	10.0	0.0	50.0	0.0	100.0
8	Fond.	9, 1	10.0	0.0	50.0	0.0	100.0
9	Fond.	9, 1	10.0	0.0	50.0	0.0	100.0
10	Fond.	2, 5	10.0	0.0	50.0	0.0	100.0
11	Fond.	2, 5	10.0	0.0	50.0	0.0	100.0
12	Fond.	2, 5	10.0	0.0	50.0	0.0	100.0
13	Fond.	3, 4	10.0	0.0	50.0	0.0	100.0
14	Fond.	3, 4	10.0	0.0	50.0	0.0	100.0
15	Fond.	3, 4	10.0	0.0	50.0	0.0	100.0
16	Fond.	3, 4	10.0	0.0	50.0	0.0	100.0
17	Fond.	3, 4	10.0	0.0	50.0	0.0	100.0
18	Fond.	3, 4	10.0	0.0	50.0	0.0	100.0
19	Fond.	8, 3	10.0	0.0	50.0	0.0	100.0
20	Fond.	8, 3	10.0	0.0	50.0	0.0	100.0
21	Fond.	8, 3	10.0	0.0	50.0	0.0	100.0
22	Fond.	4, 12	10.0	0.0	50.0	0.0	100.0
23	Fond.	4, 12	10.0	0.0	50.0	0.0	100.0
24	Fond.	4, 12	10.0	0.0	50.0	0.0	100.0
25	Fond.	5, 6	10.0	0.0	50.0	0.0	100.0
26	Fond.	9, 5	10.0	0.0	50.0	0.0	100.0
27	Fond.	6, 7	10.0	0.0	50.0	0.0	100.0
28	Fond.	6, 10	10.0	0.0	50.0	0.0	100.0
29	Fond.	6, 10	10.0	0.0	50.0	0.0	100.0
30	Fond.	7, 8	10.0	0.0	50.0	0.0	100.0
31	Fond.	7, 11	10.0	0.0	50.0	0.0	100.0
32	Fond.	7, 11	10.0	0.0	50.0	0.0	100.0
33	Fond.	8, 12	10.0	0.0	50.0	0.0	100.0
34	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
35	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
36	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
37	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
38	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
39	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
40	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0

RELAZIONE DI CALCOLO -

41	Fond.	15, 9	10.0	0.0	50.0	0.0	100.0
42	Fond.	10, 11	10.0	0.0	50.0	0.0	100.0
43	Fond.	10, 11	10.0	0.0	50.0	0.0	100.0
44	Fond.	10, 13	10.0	0.0	50.0	0.0	100.0
45	Fond.	10, 13	10.0	0.0	50.0	0.0	100.0
46	Fond.	10, 13	10.0	0.0	50.0	0.0	100.0
47	Fond.	10, 13	10.0	0.0	50.0	0.0	100.0
48	Fond.	10, 13	10.0	0.0	50.0	0.0	100.0
49	Fond.	10, 13	10.0	0.0	50.0	0.0	100.0
50	Fond.	11, 14	10.0	0.0	50.0	0.0	100.0
51	Fond.	11, 14	10.0	0.0	50.0	0.0	100.0
52	Fond.	11, 14	10.0	0.0	50.0	0.0	100.0
53	Fond.	11, 14	10.0	0.0	50.0	0.0	100.0
54	Fond.	11, 14	10.0	0.0	50.0	0.0	100.0
55	Fond.	11, 14	10.0	0.0	50.0	0.0	100.0
56	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
57	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
58	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
59	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
60	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
61	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
62	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
63	Fond.	12, 20	10.0	0.0	50.0	0.0	100.0
64	Fond.	13, 14	10.0	0.0	50.0	0.0	100.0
65	Fond.	13, 21	10.0	0.0	50.0	0.0	100.0
66	Fond.	14, 22	10.0	0.0	50.0	0.0	100.0
67	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
68	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
69	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
70	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
71	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
72	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
73	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
74	Fond.	15, 16	10.0	0.0	50.0	0.0	100.0
75	Fond.	16, 21	10.0	0.0	50.0	0.0	100.0
76	Fond.	16, 21	10.0	0.0	50.0	0.0	100.0
77	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
78	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
79	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
80	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
81	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
82	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
83	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
84	Fond.	17, 20	10.0	0.0	50.0	0.0	100.0
85	Fond.	22, 17	10.0	0.0	50.0	0.0	100.0
86	Fond.	22, 17	10.0	0.0	50.0	0.0	100.0
87	Piano 1	2, 18	15.0	0.0	30.0	0.0	35.0
88	Piano 1	19, 3	15.0	0.0	30.0	0.0	35.0
89	Piano 1	5, 6	15.0	0.0	30.0	0.0	35.0
90	Piano 1	9, 5	15.0	0.0	30.0	0.0	35.0
91	Piano 1	6, 7	15.0	0.0	30.0	0.0	35.0
92	Piano 1	6, 18	15.0	0.0	30.0	0.0	35.0
93	Piano 1	7, 8	15.0	0.0	30.0	0.0	35.0
94	Piano 1	7, 19	15.0	0.0	30.0	0.0	35.0
95	Piano 1	8, 12	15.0	0.0	30.0	0.0	35.0
96	Piano 1	18, 19	15.0	0.0	30.0	0.0	35.0
97	Piano 2	2, 18	15.0	0.0	30.0	0.0	35.0
98	Piano 2	19, 3	15.0	0.0	30.0	0.0	35.0
99	Piano 2	5, 6	15.0	0.0	30.0	0.0	35.0
100	Piano 2	9, 5	15.0	0.0	30.0	0.0	35.0
101	Piano 2	6, 7	15.0	0.0	30.0	0.0	35.0
102	Piano 2	6, 18	15.0	0.0	30.0	0.0	35.0
103	Piano 2	7, 8	15.0	0.0	30.0	0.0	35.0
104	Piano 2	7, 19	15.0	0.0	30.0	0.0	35.0
105	Piano 2	8, 12	15.0	0.0	30.0	0.0	35.0
106	Piano 2	13, 16	15.0	0.0	30.0	0.0	35.0
107	Piano 2	17, 14	15.0	0.0	30.0	0.0	35.0
108	Piano 2	18, 19	15.0	0.0	30.0	0.0	35.0
109	Piano 3	5, 6	15.0	0.0	30.0	0.0	35.0
110	Piano 3	9, 5	15.0	0.0	30.0	0.0	35.0
111	Piano 3	8, 7	15.0	0.0	30.0	0.0	35.0
112	Piano 3	8, 12	15.0	0.0	30.0	0.0	35.0

RELAZIONE DI CALCOLO -

113	Piano 3	13, 16	15.0	0.0	30.0	0.0	35.0
114	Piano 3	14, 17	15.0	0.0	30.0	0.0	35.0

Pareti

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

Parete	Imp.	Fili	Δt [°C]
1	Piano 1	1-2	15.0
2	Piano 1	9-1	15.0
3	Piano 1	2-5	15.0
4	Piano 1	3-4	15.0
5	Piano 1	8-3	15.0
6	Piano 1	4-12	15.0
7	Piano 1	6-10	15.0
8	Piano 1	11-7	15.0
9	Piano 1	15-9	15.0
10	Piano 1	10-11	15.0
11	Piano 1	10-13	15.0
12	Piano 1	14-11	15.0
13	Piano 1	12-20	15.0
14	Piano 1	21-13	15.0
15	Piano 1	14-22	15.0
16	Piano 1	15-16	15.0
17	Piano 1	16-21	15.0
18	Piano 1	17-20	15.0
19	Piano 1	22-17	15.0
20	Piano 2	1-2	15.0
21	Piano 2	9-1	15.0
22	Piano 2	2-5	15.0
23	Piano 2	3-4	15.0
24	Piano 2	8-3	15.0
25	Piano 2	4-12	15.0
26	Piano 2	6-10	15.0
27	Piano 2	11-7	15.0
28	Piano 2	15-9	15.0
29	Piano 2	10-11	15.0
30	Piano 2	10-13	15.0
31	Piano 2	14-11	15.0
32	Piano 2	12-20	15.0
33	Piano 2	15-16	15.0
34	Piano 2	17-20	15.0
35	Piano 3	1-2	15.0
36	Piano 3	9-1	15.0
37	Piano 3	2-5	15.0
38	Piano 3	4-3	15.0
39	Piano 3	3-8	15.0
40	Piano 3	12-4	15.0
41	Piano 3	6-10	15.0
42	Piano 3	7-11	15.0
43	Piano 3	15-9	15.0
44	Piano 3	10-13	15.0
45	Piano 3	11-14	15.0
46	Piano 3	20-12	15.0
47	Piano 3	14-22	15.0
48	Piano 3	15-16	15.0
49	Piano 3	17-20	15.0
50	Piano 3	22-17	15.0

4 Risultati di Calcolo.

4.1 Risultati Condizioni.

- Asta : numerazione interna dell'asta.
 Imp. : impalcato al quale appartiene l'asta considerata.
 Fili : fili fissi ai quali appartiene l'asta considerata.
 Nodo : numerazione interna del nodo.
 Nodo Vinc. : numerazione interna del nodo vincolato.
 X : distanza dal nodo iniziale misurata lungo l'asse dell'asta.
- Cinematismi nodali : valore dello spostamento. Per le azioni sismiche è riferito allo spettro elastico:
 V_x : traslazione X rispetto al sistema di riferimento globale.
 V_y : traslazione Y rispetto al sistema di riferimento globale.
 V_z : Traslazione Z rispetto al sistema di riferimento globale.
 R_x : rotazione attorno all'asse X del sistema di riferimento globale.
 R_y : rotazione attorno all'asse Y del sistema di riferimento globale.
 R_z : rotazione attorno all'asse Z del sistema di riferimento globale.
- Sollecitazioni:
 N : valore dello Sforzo Normale nel punto considerato.
 M_T : valore del Momento Torcente nel punto considerato.
 M_{XZ} : valore del Momento Flettente X-Z nel punto considerato.
 T_{XZ} : valore del Taglio X-Z nel punto considerato.
 M_{XY} : valore del Momento Flettente X-Y nel punto considerato.
 T_{XY} : valore del Taglio X-Y nel punto considerato.
- Reazioni:
 R_x : reazione vincolare in direzione X (riferimento globale);
 R_y : reazione vincolare in direzione Y (riferimento globale);
 R_z : reazione vincolare in direzione Z (riferimento globale);
 R_{fx} : reazione vincolare intorno ad X (riferimento globale);
 R_{fy} : reazione vincolare intorno ad Y (riferimento globale);
 R_{fz} : reazione vincolare intorno ad Z (riferimento globale).
- Parete/Piastra : numerazione dei fili fissi per impalcato della parete/piastra intesa come insieme di elementi bidimensionali;
 Sollecitazioni:
 N1-1 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 1 nel punto considerato;
 N2-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 2 in direzione 2 nel punto considerato;
 N1-2 : valore dello Sforzo Normale sulla faccia di normale parallela all'asse 1 in direzione 2 nel punto considerato;
 M1-1 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 1 nel punto considerato;
 M2-2 : valore dello Momento Flettente sulla faccia di normale parallela all'asse 2 nel punto considerato;
 M1-2 : valore dello Momento Torcente sulle faccie nel punto considerato;
 T1-3 : valore del Taglio sulla faccia di normale parallela all'asse 1 in direzione 3 nel punto considerato;
 T2-3 : valore del Taglio sulla faccia di normale parallela all'asse 2 in direzione 3 nel punto considerato;
- Modo:
 f : valore della frequenza del modo i-esimo;
 T : valore del periodo del modo i-esimo;
 G_x : valore del coefficiente di partecipazione del modo i-esimo;

4.1.1 Risultati Condizioni (Carichi Permanenti - G1).

4.1.1.1 Cinematismi nodali

Tabella 1.I

Cinematismi nodali						
Nodo	V _x [cm]	V _y [cm]	V _z [cm]	R _x [rad]	R _y [rad]	R _z [rad]
1	-0.0018	-0.0013	-0.1517	-0.000013	0.000031	0.000002
2	-0.0019	0.0061	-0.1547	-0.000081	-0.000024	-0.000007

3	0.0055	0.0005	-0.1257	-0.000013	0.000024	-0.000011
4	0.0053	-0.0020	-0.1208	0.000055	-0.000019	-0.000016
5	-0.0001	0.0066	-0.1282	-0.000115	-0.000020	0.000005
6	-0.0005	-0.0007	-0.1358	0.000030	-0.000026	0.000012
7	-0.0003	-0.0028	-0.1329	0.000045	0.000057	0.000004
8	-0.0003	0.0013	-0.1168	-0.000046	0.000019	-0.000012
9	0.0004	-0.0013	-0.1491	-0.000008	0.000150	-0.000001
10	0.0002	-0.0004	-0.1392	0.000006	0.000001	0.000005
11	0.0003	-0.0025	-0.1386	0.000022	0.000007	0.000007
12	-0.0004	-0.0020	-0.1341	0.000060	-0.000130	-0.000010
13	-0.0012	0.0010	-0.1307	-0.000015	-0.000023	0.000011
14	-0.0012	-0.0012	-0.1396	0.000000	-0.000068	0.000002
15	-0.0002	-0.0008	-0.1469	0.000001	0.000038	-0.000003
16	-0.0003	0.0013	-0.1316	-0.000009	0.000019	-0.000001
17	-0.0013	-0.0008	-0.1477	0.000017	-0.000061	-0.000003
18	-0.0010	-0.0016	-0.1870	0.000070	-0.000080	0.000002
19	-0.0003	0.0010	-0.1297	-0.000008	0.000009	0.000007
20	-0.0013	-0.0012	-0.1403	0.000012	-0.000062	-0.000003
21	0.0004	-0.0037	-0.1550	-0.000004	0.000004	-0.000010
22	0.0013	-0.0176	-0.1558	-0.000123	-0.000286	-0.000021
23	0.0015	-0.0007	-0.1264	-0.000087	0.000328	-0.000010
24	0.0020	0.0200	-0.1231	0.000066	0.000006	-0.000014
25	-0.0021	-0.0168	-0.1446	-0.000715	0.000044	-0.000005
26	-0.0010	-0.0042	-0.1461	-0.000697	0.000047	-0.000019
27	-0.0010	-0.0010	-0.1431	-0.000686	-0.000017	-0.000009
28	-0.0010	0.0001	-0.1313	-0.000709	-0.000008	-0.000025
29	-0.0032	-0.0033	-0.1540	-0.000649	-0.000109	0.000014
30	-0.0014	-0.0040	-0.1429	-0.000017	0.000005	-0.000014
31	-0.0012	-0.0008	-0.1423	-0.000001	0.000004	-0.000004
32	0.0006	0.0203	-0.1384	-0.000653	0.000102	-0.000026
33	-0.0067	-0.0046	-0.1334	0.000000	0.000024	-0.000007
34	0.0187	-0.0011	-0.1432	0.000000	-0.000063	0.000027
35	-0.0086	-0.0026	-0.1489	-0.000007	0.000017	0.000004
36	-0.0073	-0.0047	-0.1339	-0.000020	0.000000	0.000002
37	0.0199	-0.0004	-0.1506	-0.000010	0.000000	-0.000022
38	0.0014	-0.0042	-0.2914	-0.000536	-0.000147	-0.000021
39	0.0014	-0.0010	-0.2852	-0.000523	0.000214	-0.000010
40	0.0213	0.0212	-0.1900	0.000064	-0.000055	-0.000004
41	-0.0071	-0.0047	-0.1310	-0.000025	0.000023	-0.000003
42	0.0200	-0.0012	-0.1421	-0.000009	-0.000068	0.000003
43	0.0006	-0.0055	-0.1574	-0.000007	0.000002	-0.000002
44	0.0007	-0.0260	-0.1563	-0.000100	-0.000278	-0.000022
45	-0.0001	0.0093	-0.1271	-0.000081	0.000348	-0.000026
46	0.0000	0.0407	-0.1242	0.000068	0.000002	-0.000015
47	-0.0033	-0.0256	-0.1523	-0.000668	0.000037	-0.000004
48	-0.0022	-0.0097	-0.1494	-0.000674	0.000049	-0.000033
49	-0.0023	-0.0012	-0.1461	-0.000664	-0.000010	-0.000026
50	-0.0028	0.0099	-0.1384	-0.000625	0.000018	-0.000049
51	-0.0046	-0.0053	-0.1563	-0.000593	-0.000103	0.000028
52	-0.0030	-0.0097	-0.1452	-0.000022	0.000007	-0.000027
53	-0.0024	-0.0009	-0.1443	0.000000	-0.000010	0.000012
54	0.0001	0.0408	-0.1403	-0.000551	0.000043	-0.000047
55	-0.0137	-0.0096	-0.1357	-0.000007	0.000025	-0.000006
56	0.0380	-0.0006	-0.1469	0.000039	-0.000047	0.000012
57	-0.0143	-0.0049	-0.1501	-0.000008	0.000018	-0.000006
58	-0.0140	-0.0100	-0.1364	-0.000016	0.000004	0.000000
59	0.0381	-0.0007	-0.1546	0.000025	-0.000032	-0.000011
60	0.0005	-0.0096	-0.2903	-0.000520	-0.000148	-0.000036
61	0.0003	-0.0013	-0.2850	-0.000513	0.000207	-0.000030
62	0.0386	0.0411	-0.1921	0.000064	-0.000054	-0.000009
63	0.0382	-0.0009	-0.1484	0.000014	-0.000052	-0.000005
64	-0.0006	-0.0075	-0.1582	-0.000004	0.000006	0.000037
65	-0.0007	-0.0290	-0.1562	-0.000024	-0.000046	0.000049
66	-0.0021	0.0100	-0.1272	0.000063	-0.000083	-0.000017
67	0.0000	0.0428	-0.1243	0.000072	0.000002	-0.000015
68	0.0063	-0.0279	-0.1559	-0.000962	0.000026	0.000015
69	0.0070	-0.0171	-0.1509	-0.000930	0.000177	-0.000051
70	-0.0012	-0.0018	-0.1464	-0.000320	-0.000071	-0.000026
71	-0.0030	0.0156	-0.1401	-0.000360	0.000033	-0.000067
72	0.0049	-0.0073	-0.1573	-0.000902	-0.000170	0.000044
73	0.0009	-0.0154	-0.1461	0.000000	-0.000026	-0.000051
74	0.0009	-0.0011	-0.1448	0.000000	-0.000031	0.000042

75	-0.0015	0.0467	-0.1406	-0.000308	0.000036	-0.000054
76	-0.0146	-0.0104	-0.1361	0.000046	-0.000006	0.000012
77	0.0583	0.0020	-0.1480	0.000005	-0.000074	-0.000010
78	-0.0148	-0.0051	-0.1502	-0.000007	0.000017	-0.000007
79	-0.0143	-0.0101	-0.1365	0.000021	-0.000036	0.000014
80	0.0583	0.0037	-0.1557	-0.000007	-0.000055	-0.000019
81	0.0583	0.0647	-0.1932	0.000067	-0.000055	-0.000032
82	0.0584	0.0021	-0.1486	0.000006	-0.000058	-0.000015
83	0.0002	-0.0033	-0.1543	-0.000008	-0.000013	-0.000021
84	-0.0018	-0.0012	-0.1506	-0.000019	0.000022	-0.000007
85	-0.0019	0.0005	-0.1499	-0.000037	-0.000008	-0.000021
86	0.0004	-0.0037	-0.1550	-0.000005	0.000000	0.000009
87	0.0006	-0.0081	-0.1545	-0.000024	0.000000	0.000058
88	0.0027	0.0154	-0.1225	0.000063	0.000016	-0.000003
89	0.0055	-0.0017	-0.1204	0.000031	0.000013	0.000013
90	0.0053	-0.0024	-0.1202	0.000049	-0.000011	-0.000003
91	0.0020	0.0131	-0.1237	0.000046	0.000000	-0.000069
92	0.0020	0.0190	-0.1233	0.000064	0.000000	-0.000030
93	-0.0002	-0.0002	-0.1396	-0.000003	0.000039	-0.000003
94	-0.0003	0.0004	-0.1358	-0.000006	0.000004	-0.000003
95	-0.0082	-0.0030	-0.1454	-0.000009	0.000000	0.000002
96	-0.0080	-0.0035	-0.1409	-0.000013	0.000000	0.000004
97	-0.0009	-0.0004	-0.1639	0.000041	-0.000031	0.000001
98	-0.0010	-0.0009	-0.1730	0.000056	-0.000076	0.000004
99	0.0204	0.0115	-0.1708	0.000028	0.000000	-0.000047
100	0.0207	0.0187	-0.1800	0.000055	0.000000	-0.000024
101	0.0006	-0.0053	-0.1572	-0.000008	-0.000004	-0.000005
102	0.0007	-0.0061	-0.1574	-0.000010	0.000000	0.000028
103	0.0007	-0.0120	-0.1570	-0.000005	0.000000	0.000074
104	0.0000	0.0302	-0.1247	0.000062	0.000000	-0.000103
105	0.0000	0.0392	-0.1244	0.000066	0.000000	-0.000052
106	0.0002	0.0380	-0.1242	0.000066	0.000005	-0.000016
107	-0.0143	-0.0072	-0.1426	-0.000011	0.000000	0.000012
108	-0.0143	-0.0059	-0.1451	-0.000009	0.000000	0.000010
109	-0.0082	-0.0031	-0.1441	-0.000010	0.000000	0.000002
110	0.0384	0.0255	-0.1761	0.000038	0.000000	-0.000085
111	0.0384	0.0339	-0.1821	0.000046	0.000000	-0.000065
112	0.0204	0.0142	-0.1743	0.000037	0.000000	-0.000046
113	0.0207	0.0185	-0.1794	0.000055	0.000000	-0.000025
114	0.0003	-0.0052	-0.1546	-0.000013	0.000000	0.000044
115	0.0009	-0.0129	-0.1548	-0.000037	0.000000	0.000046
116	0.0011	-0.0166	-0.1551	-0.000028	0.000000	0.000037
117	-0.0018	-0.0005	-0.1498	-0.000028	0.000006	-0.000016
118	-0.0019	0.0026	-0.1513	-0.000052	-0.000017	-0.000025
119	-0.0019	0.0048	-0.1528	-0.000067	-0.000018	-0.000021
120	-0.0015	-0.0029	-0.1533	-0.000006	-0.000022	-0.000031
121	-0.0028	-0.0023	-0.1524	-0.000004	-0.000005	-0.000022
122	-0.0001	-0.0131	-0.1553	-0.000007	0.000161	0.000004
123	0.0006	-0.0082	-0.1551	-0.000088	-0.000091	0.000002
124	-0.0008	-0.0014	-0.1550	-0.000079	0.000025	0.000005
125	-0.0028	-0.0035	-0.1543	0.000000	-0.000033	-0.000023
126	-0.0009	-0.0036	-0.1547	0.000000	-0.000013	-0.000025
127	-0.0001	-0.0013	-0.1500	-0.000013	0.000106	0.000012
128	-0.0011	-0.0013	-0.1508	-0.000010	0.000067	0.000013
129	-0.0081	-0.0028	-0.1530	0.000000	-0.000010	-0.000014
130	-0.0089	-0.0023	-0.1519	0.000000	-0.000006	-0.000014
131	-0.0075	-0.0018	-0.1506	0.000000	0.000036	-0.000007
132	0.0001	-0.0175	-0.1516	0.000000	0.000044	-0.000007
133	-0.0010	-0.0172	-0.1477	0.000000	-0.000006	-0.000019
134	-0.0018	0.0063	-0.1474	-0.000089	-0.000021	0.000008
135	-0.0009	0.0064	-0.1387	-0.000116	-0.000020	0.000011
136	-0.0001	-0.0128	-0.1409	0.000000	0.000007	0.000000
137	0.0007	-0.0076	-0.1373	0.000000	0.000008	0.000006
138	0.0008	-0.0012	-0.1333	0.000000	-0.000003	0.000008
139	0.0017	0.0022	-0.1252	0.000041	0.000000	-0.000053
140	0.0018	0.0073	-0.1245	0.000028	0.000000	-0.000060
141	0.0021	0.0166	-0.1235	0.000055	0.000000	-0.000056
142	0.0055	0.0006	-0.1237	0.000001	0.000020	0.000007
143	0.0055	-0.0004	-0.1220	0.000016	0.000019	0.000014
144	0.0054	-0.0023	-0.1199	0.000040	0.000003	0.000007
145	0.0032	-0.0017	-0.1260	0.000071	-0.000180	-0.000026
146	0.0028	-0.0023	-0.1259	-0.000033	0.000105	-0.000021

147	0.0044	-0.0012	-0.1259	-0.000009	-0.000028	-0.000024
148	0.0044	0.0094	-0.1219	0.000063	0.000020	0.000006
149	0.0057	0.0035	-0.1213	0.000064	0.000008	0.000002
150	0.0000	-0.0003	-0.1291	0.000001	0.000014	0.000000
151	0.0006	-0.0005	-0.1276	-0.000003	-0.000042	-0.000013
152	0.0014	0.0011	-0.1213	-0.000045	0.000020	-0.000026
153	0.0038	0.0007	-0.1242	-0.000020	0.000021	-0.000026
154	-0.0031	-0.0010	-0.1280	0.000001	0.000009	-0.000030
155	-0.0027	-0.0013	-0.1248	0.000000	0.000004	-0.000026
156	-0.0017	-0.0006	-0.1213	0.000001	0.000014	-0.000022
157	0.0014	0.0201	-0.1281	0.000000	0.000021	-0.000002
158	0.0014	0.0202	-0.1332	0.000000	0.000040	0.000003
159	0.0034	-0.0020	-0.1253	0.000059	-0.000053	-0.000030
160	0.0011	-0.0020	-0.1297	0.000057	-0.000089	-0.000028
161	0.0057	0.0146	-0.1375	0.000000	0.000020	0.000003
162	0.0071	0.0090	-0.1365	0.000000	0.000012	0.000003
163	0.0064	0.0035	-0.1354	0.000000	-0.000029	-0.000003
164	-0.0012	-0.0041	-0.1442	0.000000	0.000006	0.000008
165	0.0000	-0.0006	-0.1381	0.000027	-0.000012	0.000003
166	0.0008	-0.0026	-0.1440	0.000000	-0.000003	-0.000016
167	0.0008	-0.0014	-0.1421	0.000000	0.000004	-0.000010
168	0.0008	-0.0006	-0.1396	0.000000	-0.000004	-0.000008
169	-0.0011	-0.0025	-0.1420	-0.000016	0.000005	-0.000010
170	-0.0007	-0.0013	-0.1410	-0.000012	0.000003	-0.000008
171	-0.0002	-0.0004	-0.1401	-0.000007	0.000007	-0.000002
172	-0.0011	-0.0008	-0.1423	0.000000	0.000000	0.000003
173	-0.0001	-0.0027	-0.1363	0.000043	0.000031	0.000004
174	-0.0008	-0.0007	-0.1414	-0.000001	0.000004	0.000002
175	-0.0004	-0.0008	-0.1404	0.000004	0.000005	0.000008
176	-0.0001	-0.0013	-0.1395	0.000007	0.000002	0.000012
177	-0.0019	-0.0008	-0.1411	0.000000	-0.000003	0.000011
178	-0.0024	-0.0009	-0.1392	0.000000	-0.000008	0.000016
179	-0.0028	-0.0014	-0.1367	0.000000	-0.000001	0.000020
180	-0.0090	-0.0027	-0.1497	0.000000	0.000015	0.000005
181	-0.0094	-0.0027	-0.1504	0.000000	0.000011	0.000003
182	-0.0096	-0.0028	-0.1510	0.000000	0.000006	0.000000
183	-0.0094	-0.0028	-0.1516	0.000000	0.000000	-0.000003
184	-0.0087	-0.0029	-0.1522	0.000000	-0.000008	-0.000012
185	-0.0073	-0.0030	-0.1527	0.000000	-0.000016	-0.000015
186	-0.0047	-0.0032	-0.1533	0.000000	-0.000030	-0.000039
187	0.0001	-0.0008	-0.1471	-0.000004	0.000045	-0.000002
188	0.0002	-0.0008	-0.1476	-0.000006	0.000052	-0.000001
189	0.0004	-0.0009	-0.1482	-0.000006	0.000061	-0.000001
190	0.0004	-0.0010	-0.1488	-0.000005	0.000071	0.000000
191	0.0004	-0.0011	-0.1493	-0.000004	0.000084	0.000000
192	0.0004	-0.0012	-0.1495	0.000000	0.000101	0.000000
193	0.0004	-0.0013	-0.1492	0.000005	0.000122	0.000000
194	-0.0071	-0.0020	-0.1483	-0.000007	0.000018	0.000003
195	-0.0053	-0.0014	-0.1478	-0.000006	0.000022	0.000002
196	-0.0031	-0.0009	-0.1473	-0.000005	0.000029	0.000000
197	-0.0013	-0.0022	-0.1425	-0.000010	0.000000	-0.000026
198	0.0002	-0.0014	-0.1391	0.000014	0.000003	0.000015
199	-0.0026	-0.0041	-0.1415	0.000000	0.000010	-0.000012
200	-0.0036	-0.0042	-0.1401	0.000000	0.000015	-0.000009
201	-0.0045	-0.0043	-0.1386	0.000000	0.000019	-0.000008
202	-0.0052	-0.0044	-0.1370	0.000000	0.000021	-0.000008
203	-0.0060	-0.0045	-0.1354	0.000000	0.000023	-0.000008
204	0.0003	0.0000	-0.1389	-0.000010	0.000000	-0.000003
205	-0.0002	0.0004	-0.1377	-0.000015	-0.000002	-0.000006
206	-0.0008	0.0006	-0.1362	-0.000017	-0.000006	-0.000007
207	-0.0014	0.0008	-0.1344	-0.000020	-0.000010	-0.000005
208	-0.0016	0.0009	-0.1325	-0.000021	-0.000015	0.000000
209	-0.0047	-0.0029	-0.1328	0.000000	0.000022	-0.000006
210	-0.0029	-0.0014	-0.1323	0.000000	0.000019	-0.000007
211	-0.0011	-0.0001	-0.1316	0.000000	0.000020	-0.000004
212	0.0155	-0.0011	-0.1436	0.000000	-0.000049	0.000040
213	0.0114	-0.0010	-0.1435	0.000000	-0.000036	0.000046
214	0.0070	-0.0010	-0.1433	0.000000	-0.000020	0.000048
215	0.0028	-0.0009	-0.1430	0.000000	-0.000006	0.000041
216	-0.0002	-0.0008	-0.1426	0.000000	0.000004	0.000024
217	-0.0011	-0.0013	-0.1401	-0.000006	-0.000054	-0.000003
218	-0.0007	-0.0014	-0.1405	-0.000003	-0.000041	-0.000005

219	-0.0002	-0.0016	-0.1406	0.000000	-0.000028	-0.000006
220	0.0003	-0.0019	-0.1404	0.000003	-0.000016	-0.000004
221	0.0006	-0.0022	-0.1399	0.000008	-0.000005	0.000000
222	0.0134	-0.0008	-0.1424	0.000000	-0.000057	0.000016
223	0.0085	-0.0008	-0.1417	0.000000	-0.000054	0.000008
224	0.0040	-0.0010	-0.1408	0.000000	-0.000051	0.000002
225	0.0018	0.0205	-0.1448	0.000000	0.000034	0.000044
226	0.0057	0.0206	-0.1513	0.000000	0.000016	0.000035
227	0.0096	0.0207	-0.1578	0.000000	-0.000001	0.000042
228	0.0135	0.0208	-0.1643	0.000000	-0.000018	0.000037
229	0.0169	0.0209	-0.1708	0.000000	-0.000034	0.000031
230	0.0195	0.0210	-0.1773	0.000000	-0.000046	0.000021
231	0.0210	0.0211	-0.1837	0.000000	-0.000053	0.000009
232	-0.0011	-0.0021	-0.1411	0.000073	-0.000110	-0.000005
233	-0.0014	-0.0020	-0.1481	0.000068	-0.000096	-0.000001
234	-0.0014	-0.0019	-0.1548	0.000065	-0.000088	0.000001
235	-0.0013	-0.0018	-0.1612	0.000064	-0.000083	0.000001
236	-0.0012	-0.0017	-0.1676	0.000063	-0.000080	0.000001
237	-0.0011	-0.0017	-0.1739	0.000063	-0.000079	0.000000
238	-0.0011	-0.0016	-0.1803	0.000065	-0.000079	0.000000
239	0.0164	0.0156	-0.1892	0.000064	-0.000057	-0.000002
240	0.0113	0.0100	-0.1884	0.000064	-0.000061	-0.000001
241	0.0055	0.0043	-0.1877	0.000065	-0.000070	0.000001
242	-0.0052	-0.0028	-0.1309	-0.000019	0.000022	-0.000004
243	-0.0033	-0.0013	-0.1306	-0.000015	0.000020	-0.000003
244	-0.0016	0.0000	-0.1302	-0.000015	0.000019	-0.000004
245	0.0142	-0.0007	-0.1420	-0.000004	-0.000062	0.000002
246	0.0088	-0.0007	-0.1417	0.000002	-0.000061	-0.000003
247	0.0037	-0.0008	-0.1411	-0.000001	-0.000054	-0.000007
248	-0.0085	-0.0028	-0.1470	-0.000007	0.000000	0.000002
249	-0.0082	-0.0033	-0.1425	-0.000011	0.000000	0.000003
250	-0.0077	-0.0038	-0.1392	-0.000015	0.000000	0.000004
251	-0.0075	-0.0041	-0.1375	-0.000017	0.000000	0.000004
252	-0.0074	-0.0045	-0.1358	-0.000018	0.000000	0.000004
253	-0.0002	-0.0005	-0.1434	-0.000002	0.000038	-0.000003
254	-0.0003	0.0001	-0.1368	-0.000005	0.000021	-0.000003
255	-0.0003	0.0007	-0.1354	-0.000007	0.000008	-0.000004
256	-0.0003	0.0009	-0.1345	-0.000008	0.000016	-0.000003
257	-0.0003	0.0011	-0.1331	-0.000009	0.000019	-0.000003
258	-0.0052	-0.0030	-0.1334	-0.000019	0.000000	0.000001
259	-0.0034	-0.0014	-0.1329	-0.000018	0.000000	0.000001
260	-0.0018	0.0001	-0.1323	-0.000017	0.000000	0.000001
261	-0.0072	-0.0048	-0.1323	-0.000022	0.000000	0.000000
262	-0.0003	0.0012	-0.1305	-0.000009	0.000016	0.000002
263	0.0200	0.0018	-0.1559	-0.000001	0.000000	-0.000033
264	0.0201	0.0046	-0.1608	0.000008	0.000000	-0.000038
265	0.0202	0.0079	-0.1658	0.000018	0.000000	-0.000043
266	0.0203	0.0166	-0.1769	0.000046	0.000000	-0.000039
267	0.0211	0.0204	-0.1849	0.000060	0.000000	-0.000014
268	-0.0012	-0.0006	-0.1525	0.000022	-0.000060	-0.000002
269	-0.0011	-0.0004	-0.1571	0.000028	-0.000054	-0.000002
270	-0.0010	-0.0003	-0.1610	0.000034	-0.000042	-0.000001
271	-0.0010	-0.0005	-0.1672	0.000048	-0.000049	0.000003
272	-0.0010	-0.0013	-0.1800	0.000063	-0.000079	0.000004
273	0.0143	0.0002	-0.1498	-0.000004	0.000000	-0.000016
274	0.0089	0.0004	-0.1491	0.000000	0.000000	-0.000013
275	0.0038	0.0002	-0.1484	0.000005	0.000000	-0.000008
276	0.0200	-0.0012	-0.1461	-0.000010	0.000000	-0.000005
277	-0.0013	-0.0010	-0.1440	0.000014	-0.000062	-0.000003
278	0.0007	-0.0084	-0.1573	-0.000010	0.000000	0.000057
279	0.0008	-0.0185	-0.1566	-0.000009	0.000000	0.000067
280	0.0008	-0.0241	-0.1562	0.000003	0.000000	0.000058
281	0.0004	-0.0047	-0.1566	-0.000008	-0.000001	-0.000016
282	0.0003	-0.0042	-0.1558	-0.000003	0.000000	-0.000013
283	0.0004	-0.0244	-0.1559	0.000035	0.000189	0.000002
284	0.0012	-0.0228	-0.1557	-0.000068	-0.000145	0.000000
285	0.0019	-0.0207	-0.1557	0.000020	0.000189	0.000000
286	-0.0036	-0.0054	-0.1566	0.000000	-0.000025	-0.000041
287	-0.0007	-0.0055	-0.1570	0.000000	-0.000009	-0.000032
288	-0.0063	-0.0048	-0.1557	0.000000	0.000046	-0.000006
289	-0.0034	-0.0043	-0.1551	0.000000	0.000028	-0.000011
290	-0.0008	-0.0038	-0.1546	0.000000	0.000037	-0.000011

291	0.0010	-0.0259	-0.1546	0.000000	0.000005	-0.000001
292	-0.0013	-0.0259	-0.1531	0.000000	-0.000014	-0.000042
293	-0.0024	-0.0243	-0.1502	0.000000	-0.000012	-0.000017
294	-0.0031	-0.0223	-0.1483	0.000000	-0.000005	-0.000018
295	-0.0035	-0.0198	-0.1464	0.000000	-0.000005	-0.000024
296	-0.0003	0.0136	-0.1254	0.000055	0.000000	-0.000069
297	-0.0001	0.0211	-0.1251	0.000044	0.000000	-0.000099
298	0.0000	0.0354	-0.1245	0.000061	0.000000	-0.000087
299	0.0011	0.0066	-0.1264	0.000117	-0.000217	-0.000030
300	0.0007	0.0035	-0.1261	-0.000026	0.000178	-0.000027
301	0.0005	0.0009	-0.1262	0.000100	-0.000210	-0.000024
302	0.0007	0.0319	-0.1239	0.000065	0.000005	-0.000013
303	0.0013	0.0260	-0.1235	0.000068	0.000009	-0.000016
304	-0.0009	0.0096	-0.1332	0.000002	0.000025	0.000001
305	-0.0010	0.0095	-0.1295	-0.000004	-0.000056	0.000004
306	-0.0026	0.0066	-0.1362	0.000003	0.000033	-0.000021
307	-0.0008	0.0039	-0.1344	0.000001	0.000019	-0.000002
308	0.0005	0.0017	-0.1327	0.000002	0.000020	0.000008
309	0.0001	0.0407	-0.1296	0.000000	-0.000001	0.000016
310	0.0013	0.0407	-0.1349	0.000000	-0.000007	0.000013
311	0.0005	0.0356	-0.1398	0.000000	-0.000028	-0.000005
312	-0.0012	0.0305	-0.1393	0.000000	-0.000013	0.000001
313	-0.0023	0.0254	-0.1388	0.000000	-0.000017	0.000001
314	-0.0026	-0.0097	-0.1471	0.000000	0.000006	0.000015
315	-0.0006	-0.0082	-0.1481	0.000000	-0.000003	-0.000011
316	-0.0009	-0.0069	-0.1471	0.000000	-0.000005	0.000003
317	-0.0019	-0.0056	-0.1465	0.000000	-0.000020	0.000014
318	-0.0024	-0.0081	-0.1447	-0.000018	0.000008	-0.000028
319	-0.0020	-0.0067	-0.1442	-0.000017	0.000003	-0.000027
320	-0.0018	-0.0054	-0.1436	-0.000017	0.000004	-0.000018
321	-0.0030	-0.0010	-0.1449	0.000000	0.000004	0.000005
322	-0.0024	-0.0008	-0.1439	-0.000002	0.000007	-0.000005
323	-0.0019	-0.0008	-0.1435	0.000001	0.000004	-0.000009
324	-0.0016	-0.0008	-0.1429	-0.000001	0.000005	-0.000007
325	-0.0023	-0.0008	-0.1447	0.000000	0.000010	0.000000
326	-0.0014	-0.0009	-0.1439	0.000000	0.000012	-0.000001
327	-0.0007	-0.0011	-0.1433	0.000000	0.000008	-0.000006
328	-0.0133	-0.0049	-0.1509	0.000000	0.000011	-0.000014
329	-0.0118	-0.0049	-0.1516	0.000000	0.000004	-0.000017
330	-0.0100	-0.0050	-0.1524	0.000000	-0.000002	-0.000019
331	-0.0080	-0.0050	-0.1531	0.000000	-0.000007	-0.000019
332	-0.0061	-0.0051	-0.1539	0.000000	-0.000010	-0.000019
333	-0.0047	-0.0051	-0.1546	0.000000	-0.000012	-0.000009
334	-0.0038	-0.0052	-0.1554	0.000000	-0.000021	-0.000010
335	-0.0129	-0.0043	-0.1499	-0.000007	0.000019	-0.000002
336	-0.0114	-0.0037	-0.1496	-0.000007	0.000019	0.000000
337	-0.0100	-0.0031	-0.1493	-0.000007	0.000018	0.000002
338	-0.0027	-0.0045	-0.1441	-0.000006	0.000000	-0.000085
339	-0.0053	-0.0097	-0.1433	0.000000	0.000003	-0.000023
340	-0.0075	-0.0097	-0.1415	0.000000	0.000007	-0.000023
341	-0.0096	-0.0097	-0.1399	0.000000	0.000011	-0.000021
342	-0.0114	-0.0096	-0.1383	0.000000	0.000016	-0.000018
343	-0.0129	-0.0096	-0.1369	0.000000	0.000018	-0.000012
344	-0.0120	-0.0083	-0.1351	0.000000	0.000019	-0.000006
345	-0.0104	-0.0070	-0.1346	0.000000	0.000023	-0.000009
346	-0.0085	-0.0057	-0.1341	0.000000	0.000024	-0.000008
347	0.0336	-0.0006	-0.1460	0.000000	-0.000058	0.000078
348	0.0259	-0.0006	-0.1454	0.000000	-0.000056	0.000085
349	0.0174	-0.0006	-0.1449	0.000000	-0.000049	0.000095
350	0.0087	-0.0007	-0.1446	0.000000	-0.000039	0.000088
351	0.0014	-0.0008	-0.1444	0.000000	-0.000026	0.000067
352	0.0340	-0.0008	-0.1459	0.000000	-0.000058	0.000052
353	0.0291	-0.0009	-0.1450	0.000000	-0.000068	0.000053
354	0.0238	-0.0010	-0.1442	0.000000	-0.000068	0.000044
355	-0.0003	0.0408	-0.1466	0.000000	0.000012	0.000037
356	0.0047	0.0408	-0.1530	0.000000	-0.000003	0.000064
357	0.0121	0.0408	-0.1595	0.000000	-0.000018	0.000084
358	0.0204	0.0409	-0.1660	0.000000	-0.000031	0.000081
359	0.0279	0.0409	-0.1726	0.000000	-0.000042	0.000070
360	0.0340	0.0410	-0.1791	0.000000	-0.000050	0.000051
361	0.0378	0.0411	-0.1856	0.000000	-0.000055	0.000025
362	0.0344	0.0361	-0.1917	0.000064	-0.000055	-0.000006

363	0.0300	0.0311	-0.1912	0.000064	-0.000057	-0.000005
364	0.0256	0.0261	-0.1907	0.000064	-0.000056	-0.000004
365	-0.0143	-0.0048	-0.1486	-0.000006	0.000000	0.000003
366	-0.0143	-0.0052	-0.1469	-0.000007	0.000000	0.000007
367	-0.0143	-0.0065	-0.1439	-0.000010	0.000000	0.000012
368	-0.0143	-0.0081	-0.1407	-0.000012	0.000000	0.000012
369	-0.0142	-0.0088	-0.1389	-0.000013	0.000000	0.000007
370	-0.0141	-0.0095	-0.1374	-0.000008	0.000000	0.000011
371	-0.0125	-0.0089	-0.1356	-0.000013	0.000000	0.000006
372	-0.0108	-0.0077	-0.1351	-0.000018	0.000000	0.000006
373	-0.0091	-0.0062	-0.1345	-0.000019	0.000000	0.000005
374	0.0382	0.0032	-0.1597	0.000015	0.000000	-0.000068
375	0.0383	0.0099	-0.1651	0.000021	0.000000	-0.000074
376	0.0384	0.0174	-0.1706	0.000030	0.000000	-0.000085
377	0.0384	0.0300	-0.1793	0.000041	0.000000	-0.000079
378	0.0385	0.0388	-0.1870	0.000058	0.000000	-0.000039
379	0.0338	-0.0021	-0.1537	0.000008	0.000000	-0.000046
380	0.0292	-0.0021	-0.1528	-0.000007	0.000000	-0.000045
381	0.0246	-0.0013	-0.1518	-0.000013	0.000000	-0.000037
382	-0.0006	-0.0110	-0.1578	-0.000006	0.000000	0.000045
383	-0.0006	-0.0153	-0.1575	-0.000004	0.000000	0.000057
384	-0.0006	-0.0202	-0.1571	-0.000004	0.000000	0.000059
385	-0.0007	-0.0248	-0.1567	0.000003	0.000000	0.000050
386	-0.0003	-0.0071	-0.1581	-0.000005	0.000002	0.000028
387	0.0001	-0.0066	-0.1580	-0.000006	0.000003	0.000018
388	0.0004	-0.0061	-0.1578	-0.000006	0.000003	0.000010
389	-0.0001	-0.0285	-0.1562	0.000015	0.000065	0.000035
390	0.0000	-0.0279	-0.1561	-0.000037	-0.000089	0.000030
391	0.0013	-0.0275	-0.1562	0.000042	0.000164	0.000019
392	0.0039	-0.0072	-0.1575	0.000000	-0.000038	0.000041
393	0.0019	-0.0074	-0.1579	0.000000	-0.000010	0.000027
394	-0.0017	-0.0066	-0.1568	0.000000	0.000013	0.000000
395	-0.0008	-0.0060	-0.1565	0.000000	0.000011	-0.000004
396	0.0023	-0.0288	-0.1557	0.000000	0.000011	0.000028
397	0.0045	-0.0284	-0.1550	0.000000	-0.000003	0.000020
398	0.0040	-0.0281	-0.1543	0.000000	-0.000068	0.000020
399	-0.0019	-0.0270	-0.1531	0.000000	-0.000057	-0.000035
400	-0.0001	0.0385	-0.1245	0.000066	0.000000	-0.000084
401	-0.0002	0.0303	-0.1247	0.000057	0.000000	-0.000106
402	-0.0003	0.0215	-0.1251	0.000051	0.000000	-0.000101
403	-0.0005	0.0139	-0.1254	0.000011	0.000000	-0.000071
404	-0.0016	0.0116	-0.1296	0.000005	0.000059	0.000007
405	-0.0007	0.0135	-0.1334	0.000000	-0.000006	0.000014
406	0.0010	0.0455	-0.1351	0.000000	0.000002	-0.000003
407	0.0003	0.0442	-0.1296	0.000000	-0.000002	0.000021
408	0.0050	-0.0163	-0.1481	0.000000	-0.000020	-0.000051
409	0.0094	-0.0141	-0.1500	0.000000	-0.000112	-0.000091
410	0.0000	-0.0120	-0.1495	0.000000	-0.000086	0.000003
411	-0.0012	-0.0133	-0.1459	0.000000	-0.000025	-0.000039
412	-0.0027	-0.0115	-0.1457	0.000000	-0.000013	-0.000023
413	-0.0014	-0.0017	-0.1452	0.000000	-0.000011	0.000007
414	-0.0010	-0.0011	-0.1446	0.000000	-0.000027	0.000032
415	-0.0141	-0.0053	-0.1509	0.000000	0.000011	-0.000017
416	-0.0125	-0.0056	-0.1516	0.000000	0.000003	-0.000022
417	-0.0104	-0.0058	-0.1523	0.000000	-0.000003	-0.000025
418	-0.0079	-0.0061	-0.1530	0.000000	-0.000009	-0.000027
419	-0.0052	-0.0064	-0.1538	0.000000	-0.000015	-0.000026
420	-0.0025	-0.0066	-0.1545	0.000000	-0.000019	-0.000024
421	-0.0003	-0.0069	-0.1554	0.000000	-0.000018	-0.000013
422	0.0024	-0.0071	-0.1562	0.000000	-0.000054	-0.000025
423	-0.0041	-0.0144	-0.1438	0.000000	-0.000013	-0.000041
424	-0.0079	-0.0134	-0.1419	0.000000	-0.000003	-0.000034
425	-0.0109	-0.0125	-0.1401	0.000000	0.000006	-0.000030
426	-0.0132	-0.0118	-0.1385	0.000000	0.000012	-0.000024
427	-0.0146	-0.0111	-0.1370	0.000000	0.000020	-0.000016
428	0.0083	-0.0005	-0.1447	0.000000	-0.000044	0.000087
429	0.0193	0.0001	-0.1450	0.000000	-0.000059	0.000110
430	0.0318	0.0007	-0.1455	0.000000	-0.000069	0.000109
431	0.0436	0.0012	-0.1462	0.000000	-0.000077	0.000089
432	0.0533	0.0017	-0.1471	0.000000	-0.000086	0.000058
433	0.0521	0.0013	-0.1478	0.000000	-0.000070	0.000014
434	0.0466	0.0007	-0.1476	0.000000	-0.000060	0.000022

435	0.0420	0.0001	-0.1473	0.000000	-0.000049	0.000020
436	0.0574	0.0627	-0.1872	0.000000	-0.000063	0.000012
437	0.0525	0.0607	-0.1813	0.000000	-0.000067	0.000052
438	0.0446	0.0587	-0.1754	0.000000	-0.000063	0.000081
439	0.0347	0.0566	-0.1695	0.000000	-0.000055	0.000100
440	0.0239	0.0546	-0.1636	0.000000	-0.000043	0.000109
441	0.0132	0.0526	-0.1577	0.000000	-0.000027	0.000106
442	0.0037	0.0505	-0.1519	0.000000	-0.000007	0.000092
443	-0.0025	0.0485	-0.1462	0.000000	0.000016	0.000049
444	0.0533	0.0587	-0.1930	0.000065	-0.000055	-0.000025
445	0.0484	0.0528	-0.1928	0.000065	-0.000055	-0.000018
446	0.0435	0.0470	-0.1925	0.000065	-0.000054	-0.000013
447	0.0532	0.0015	-0.1486	0.000008	-0.000058	-0.000011
448	0.0481	0.0008	-0.1485	0.000007	-0.000056	-0.000003
449	0.0431	0.0002	-0.1484	0.000009	-0.000055	-0.000002
450	-0.0149	-0.0050	-0.1485	-0.000006	0.000000	0.000004
451	-0.0149	-0.0056	-0.1465	-0.000008	0.000000	0.000008
452	-0.0150	-0.0066	-0.1445	-0.000009	0.000000	0.000012
453	-0.0150	-0.0077	-0.1422	-0.000011	0.000000	0.000012
454	-0.0149	-0.0089	-0.1399	-0.000013	0.000000	0.000011
455	-0.0146	-0.0096	-0.1377	-0.000015	0.000000	0.000003
456	0.0583	0.0089	-0.1610	-0.000001	0.000000	-0.000085
457	0.0583	0.0182	-0.1664	0.000017	0.000000	-0.000105
458	0.0583	0.0290	-0.1718	0.000029	0.000000	-0.000118
459	0.0583	0.0404	-0.1772	0.000041	0.000000	-0.000117
460	0.0583	0.0511	-0.1826	0.000052	0.000000	-0.000102
461	0.0582	0.0596	-0.1879	0.000060	0.000000	-0.000073
462	0.0532	0.0038	-0.1554	0.000006	0.000000	-0.000034
463	0.0481	0.0029	-0.1552	0.000014	0.000000	-0.000031
464	0.0431	0.0013	-0.1550	0.000020	0.000000	-0.000023
465	0.0584	0.0029	-0.1521	0.000004	0.000000	-0.000011
466	0.0382	-0.0009	-0.1517	0.000017	0.000000	0.000004
467	-0.0027	-0.0015	-0.1525	0.000005	0.000000	-0.000016
468	-0.0015	-0.0016	-0.1540	-0.000009	0.000000	-0.000032
469	0.0003	-0.0030	-0.1547	-0.000015	0.000000	0.000001
470	0.0006	-0.0041	-0.1546	-0.000018	0.000000	0.000041
471	0.0005	-0.0065	-0.1540	-0.000020	0.000000	0.000045
472	0.0000	-0.0048	-0.1527	-0.000021	0.000000	0.000020
473	-0.0009	-0.0025	-0.1514	-0.000029	0.000000	-0.000005
474	-0.0008	-0.0020	-0.1524	-0.000048	0.000000	-0.000004
475	-0.0007	-0.0015	-0.1536	-0.000076	0.000000	-0.000004
476	0.0001	-0.0063	-0.1534	-0.000047	0.000000	0.000016
477	0.0001	-0.0075	-0.1542	-0.000056	0.000000	0.000016
478	0.0005	-0.0124	-0.1548	-0.000062	0.000000	0.000017
479	0.0006	-0.0100	-0.1541	-0.000037	0.000000	0.000038
480	-0.0025	-0.0032	-0.1538	0.000000	-0.000025	-0.000041
481	-0.0057	-0.0030	-0.1534	0.000000	-0.000032	-0.000041
482	-0.0046	-0.0021	-0.1518	0.000000	0.000011	-0.000023
483	-0.0044	-0.0027	-0.1528	0.000000	-0.000017	-0.000043
484	-0.0073	-0.0025	-0.1523	0.000000	-0.000006	-0.000030
485	-0.0063	-0.0020	-0.1512	0.000000	0.000032	-0.000022
486	-0.0002	-0.0132	-0.1456	0.000000	0.000017	0.000002
487	-0.0001	-0.0133	-0.1505	0.000000	-0.000023	-0.000005
488	0.0003	-0.0016	-0.1408	0.000000	-0.000005	0.000006
489	0.0003	-0.0079	-0.1432	0.000000	0.000000	0.000002
490	0.0004	-0.0081	-0.1493	0.000000	0.000017	-0.000003
491	-0.0002	-0.0016	-0.1482	0.000000	-0.000021	0.000007
492	0.0043	0.0017	-0.1216	0.000039	0.000000	-0.000005
493	0.0033	0.0055	-0.1226	0.000044	0.000000	-0.000029
494	0.0024	0.0099	-0.1234	0.000047	0.000000	-0.000055
495	0.0024	0.0129	-0.1235	0.000052	0.000000	-0.000052
496	0.0026	0.0149	-0.1232	0.000056	0.000000	-0.000021
497	0.0044	0.0096	-0.1226	0.000060	0.000000	0.000006
498	0.0056	0.0034	-0.1216	0.000072	0.000000	-0.000004
499	0.0042	0.0003	-0.1242	-0.000011	0.000000	-0.000010
500	0.0042	0.0011	-0.1228	0.000018	0.000000	-0.000006
501	0.0026	0.0009	-0.1251	0.000001	0.000000	-0.000035
502	0.0032	0.0001	-0.1247	0.000011	0.000000	-0.000031
503	0.0033	0.0027	-0.1235	0.000019	0.000000	-0.000028
504	0.0025	0.0047	-0.1240	0.000030	0.000000	-0.000048
505	0.0013	-0.0017	-0.1267	0.000003	0.000033	-0.000016
506	-0.0006	-0.0015	-0.1272	-0.000001	-0.000014	-0.000027

507	0.0021	-0.0012	-0.1248	0.000002	0.000023	-0.000026
508	0.0012	-0.0020	-0.1257	-0.000001	-0.000015	-0.000018
509	-0.0006	-0.0018	-0.1252	0.000001	0.000009	-0.000023
510	0.0001	-0.0011	-0.1231	0.000001	0.000008	-0.000022
511	0.0047	0.0147	-0.1325	0.000000	0.000035	0.000017
512	0.0034	0.0148	-0.1275	0.000000	0.000028	0.000014
513	0.0062	0.0034	-0.1307	0.000000	-0.000024	0.000004
514	0.0067	0.0090	-0.1316	0.000000	0.000012	0.000010
515	0.0055	0.0091	-0.1268	0.000000	0.000018	0.000018
516	0.0060	0.0034	-0.1260	0.000000	-0.000005	0.000003
517	-0.0003	-0.0025	-0.1430	0.000000	0.000012	-0.000012
518	0.0001	-0.0013	-0.1414	0.000000	-0.000002	-0.000011
519	0.0002	-0.0003	-0.1397	0.000000	0.000005	-0.000009
520	-0.0012	-0.0006	-0.1411	0.000000	-0.000001	0.000008
521	-0.0012	-0.0008	-0.1396	0.000000	-0.000001	0.000015
522	-0.0013	-0.0011	-0.1379	0.000000	-0.000001	0.000021
523	-0.0073	-0.0016	-0.1504	0.000000	0.000051	0.000011
524	-0.0097	-0.0021	-0.1514	0.000000	0.000006	0.000002
525	-0.0081	-0.0026	-0.1524	0.000000	-0.000042	0.000007
526	-0.0063	-0.0015	-0.1503	0.000000	0.000053	0.000009
527	-0.0089	-0.0019	-0.1511	0.000000	0.000007	0.000011
528	-0.0085	-0.0025	-0.1520	0.000000	-0.000013	-0.000012
529	-0.0053	-0.0015	-0.1500	0.000000	0.000047	0.000009
530	-0.0082	-0.0019	-0.1508	0.000000	0.000019	0.000004
531	-0.0091	-0.0024	-0.1515	0.000000	0.000000	0.000000
532	-0.0047	-0.0014	-0.1496	0.000000	0.000045	0.000005
533	-0.0077	-0.0018	-0.1503	0.000000	0.000023	0.000007
534	-0.0090	-0.0023	-0.1510	0.000000	0.000008	0.000001
535	-0.0041	-0.0013	-0.1490	0.000000	0.000042	0.000005
536	-0.0070	-0.0018	-0.1497	0.000000	0.000025	0.000006
537	-0.0087	-0.0022	-0.1504	0.000000	0.000013	0.000005
538	-0.0082	-0.0022	-0.1498	0.000000	0.000017	0.000006
539	-0.0076	-0.0021	-0.1491	0.000000	0.000018	0.000007
540	-0.0037	-0.0012	-0.1484	0.000000	0.000037	0.000004
541	-0.0064	-0.0016	-0.1491	0.000000	0.000025	0.000007
542	-0.0057	-0.0015	-0.1485	0.000000	0.000024	0.000006
543	-0.0033	-0.0011	-0.1478	0.000000	0.000032	0.000003
544	-0.0009	-0.0013	-0.1417	-0.000009	0.000000	-0.000016
545	-0.0005	-0.0007	-0.1408	-0.000006	0.000000	-0.000005
546	-0.0001	-0.0006	-0.1399	0.000004	0.000000	0.000005
547	-0.0011	-0.0003	-0.1333	0.000000	0.000005	0.000003
548	-0.0022	-0.0016	-0.1341	0.000000	0.000020	-0.000005
549	-0.0040	-0.0030	-0.1347	0.000000	0.000021	-0.000007
550	-0.0011	-0.0005	-0.1351	0.000000	0.000004	-0.000003
551	-0.0019	-0.0017	-0.1358	0.000000	0.000014	-0.000003
552	-0.0034	-0.0030	-0.1365	0.000000	0.000020	-0.000006
553	-0.0008	-0.0005	-0.1369	0.000000	0.000005	-0.000004
554	-0.0016	-0.0017	-0.1375	0.000000	0.000013	-0.000004
555	-0.0029	-0.0030	-0.1381	0.000000	0.000017	-0.000005
556	-0.0024	-0.0028	-0.1395	0.000000	0.000014	-0.000005
557	-0.0018	-0.0027	-0.1408	0.000000	0.000009	-0.000007
558	-0.0004	-0.0006	-0.1384	0.000000	0.000007	-0.000004
559	-0.0013	-0.0016	-0.1389	0.000000	0.000013	-0.000003
560	-0.0011	-0.0015	-0.1401	0.000000	0.000009	-0.000001
561	-0.0002	-0.0006	-0.1395	0.000000	0.000010	0.000001
562	0.0008	-0.0014	-0.1406	0.000000	0.000000	0.000006
563	0.0006	-0.0010	-0.1412	0.000000	0.000004	0.000013
564	0.0002	-0.0008	-0.1419	0.000000	0.000005	0.000018
565	0.0014	-0.0015	-0.1411	0.000000	-0.000008	0.000007
566	0.0020	-0.0011	-0.1417	0.000000	-0.000005	0.000017
567	0.0024	-0.0009	-0.1424	0.000000	-0.000004	0.000029
568	0.0020	-0.0014	-0.1413	0.000000	-0.000021	0.000007
569	0.0037	-0.0012	-0.1420	0.000000	-0.000018	0.000020
570	0.0053	-0.0010	-0.1427	0.000000	-0.000018	0.000034
571	0.0084	-0.0011	-0.1428	0.000000	-0.000032	0.000033
572	0.0113	-0.0010	-0.1427	0.000000	-0.000046	0.000028
573	0.0026	-0.0013	-0.1413	0.000000	-0.000036	0.000007
574	0.0057	-0.0012	-0.1420	0.000000	-0.000032	0.000021
575	0.0074	-0.0010	-0.1419	0.000000	-0.000043	0.000016
576	0.0034	-0.0012	-0.1410	0.000000	-0.000049	0.000009
577	0.0054	0.0042	-0.1812	0.000000	-0.000070	0.000002
578	0.0112	0.0098	-0.1821	0.000000	-0.000061	0.000003

579	0.0163	0.0155	-0.1829	0.000000	-0.000055	0.000005
580	0.0053	0.0040	-0.1748	0.000000	-0.000068	0.000002
581	0.0107	0.0097	-0.1757	0.000000	-0.000057	0.000006
582	0.0154	0.0153	-0.1765	0.000000	-0.000049	0.000013
583	0.0051	0.0039	-0.1684	0.000000	-0.000063	0.000002
584	0.0099	0.0096	-0.1693	0.000000	-0.000049	0.000010
585	0.0138	0.0152	-0.1701	0.000000	-0.000039	0.000019
586	0.0048	0.0038	-0.1620	0.000000	-0.000058	0.000003
587	0.0089	0.0095	-0.1628	0.000000	-0.000037	0.000010
588	0.0116	0.0151	-0.1636	0.000000	-0.000024	0.000024
589	0.0046	0.0038	-0.1556	0.000000	-0.000051	0.000000
590	0.0079	0.0094	-0.1563	0.000000	-0.000024	0.000011
591	0.0093	0.0151	-0.1571	0.000000	-0.000007	0.000022
592	0.0069	0.0150	-0.1505	0.000000	0.000013	0.000027
593	0.0055	0.0148	-0.1440	0.000000	0.000045	-0.000001
594	0.0049	0.0037	-0.1489	0.000000	-0.000049	-0.000004
595	0.0073	0.0094	-0.1497	0.000000	-0.000006	0.000000
596	0.0074	0.0092	-0.1431	0.000000	0.000000	-0.000001
597	0.0056	0.0036	-0.1421	0.000000	-0.000043	-0.000010
598	-0.0030	-0.0007	-0.1417	-0.000007	0.000000	-0.000002
599	-0.0053	-0.0015	-0.1433	-0.000009	0.000000	-0.000001
600	-0.0070	-0.0024	-0.1449	-0.000009	0.000000	0.000001
601	-0.0064	-0.0024	-0.1435	-0.000011	0.000000	0.000001
602	-0.0061	-0.0026	-0.1406	-0.000013	0.000000	0.000002
603	-0.0039	-0.0014	-0.1392	-0.000013	0.000000	0.000000
604	-0.0020	-0.0004	-0.1378	-0.000010	0.000000	-0.000002
605	-0.0031	-0.0009	-0.1444	-0.000007	0.000000	-0.000002
606	-0.0053	-0.0015	-0.1454	-0.000008	0.000000	-0.000001
607	-0.0070	-0.0022	-0.1463	-0.000008	0.000000	0.000001
608	-0.0018	-0.0002	-0.1364	-0.000011	0.000000	-0.000002
609	-0.0018	0.0000	-0.1352	-0.000013	0.000000	-0.000002
610	-0.0018	0.0001	-0.1338	-0.000015	0.000000	-0.000001
611	-0.0035	-0.0013	-0.1344	-0.000018	0.000000	0.000001
612	-0.0053	-0.0029	-0.1351	-0.000018	0.000000	0.000002
613	-0.0037	-0.0013	-0.1375	-0.000014	0.000000	0.000000
614	-0.0036	-0.0013	-0.1359	-0.000016	0.000000	0.000000
615	-0.0055	-0.0027	-0.1367	-0.000017	0.000000	0.000002
616	-0.0057	-0.0026	-0.1384	-0.000015	0.000000	0.000002
617	-0.0052	-0.0030	-0.1321	-0.000019	0.000000	-0.000002
618	-0.0034	-0.0014	-0.1317	-0.000016	0.000000	0.000000
619	-0.0017	0.0000	-0.1312	-0.000018	0.000000	0.000003
620	0.0042	0.0033	-0.1667	0.000036	0.000000	-0.000011
621	0.0100	0.0065	-0.1686	0.000031	0.000000	-0.000023
622	0.0161	0.0094	-0.1703	0.000030	0.000000	-0.000037
623	0.0169	0.0127	-0.1759	0.000042	0.000000	-0.000035
624	0.0171	0.0150	-0.1793	0.000052	0.000000	-0.000017
625	0.0116	0.0099	-0.1773	0.000057	0.000000	-0.000007
626	0.0055	0.0045	-0.1753	0.000060	0.000000	-0.000001
627	0.0144	0.0018	-0.1549	0.000001	0.000000	-0.000024
628	0.0090	0.0015	-0.1541	0.000005	0.000000	-0.000016
629	0.0038	0.0008	-0.1533	0.000011	0.000000	-0.000009
630	0.0038	0.0016	-0.1579	0.000018	0.000000	-0.000009
631	0.0039	0.0024	-0.1622	0.000027	0.000000	-0.000010
632	0.0146	0.0039	-0.1598	0.000010	0.000000	-0.000028
633	0.0091	0.0029	-0.1588	0.000013	0.000000	-0.000018
634	0.0094	0.0046	-0.1636	0.000022	0.000000	-0.000021
635	0.0150	0.0063	-0.1647	0.000019	0.000000	-0.000031
636	0.0187	0.0151	-0.1769	0.000045	0.000000	-0.000033
637	0.0188	0.0163	-0.1786	0.000050	0.000000	-0.000026
638	0.0056	0.0045	-0.1814	0.000063	0.000000	-0.000002
639	0.0115	0.0101	-0.1828	0.000062	0.000000	-0.000005
640	0.0166	0.0154	-0.1839	0.000061	0.000000	-0.000008
641	0.0142	-0.0005	-0.1459	-0.000005	0.000000	-0.000008
642	0.0089	-0.0003	-0.1453	-0.000001	0.000000	-0.000009
643	0.0037	-0.0003	-0.1447	0.000002	0.000000	-0.000008
644	0.0004	-0.0036	-0.1558	0.000002	0.000000	-0.000015
645	0.0004	-0.0041	-0.1566	-0.000012	0.000000	-0.000016
646	0.0006	-0.0055	-0.1573	-0.000015	0.000000	0.000017
647	0.0008	-0.0079	-0.1573	-0.000013	0.000000	0.000066
648	0.0009	-0.0118	-0.1568	-0.000003	0.000000	0.000072
649	0.0010	-0.0115	-0.1561	-0.000005	0.000000	0.000068
650	0.0010	-0.0103	-0.1553	-0.000024	0.000000	0.000057

651	0.0011	-0.0154	-0.1555	-0.000023	0.000000	0.000058
652	0.0014	-0.0195	-0.1556	-0.000037	0.000000	0.000031
653	0.0011	-0.0172	-0.1560	-0.000018	0.000000	0.000057
654	0.0011	-0.0213	-0.1560	-0.000010	0.000000	0.000037
655	0.0008	-0.0228	-0.1562	-0.000032	0.000000	0.000036
656	0.0009	-0.0181	-0.1563	-0.000006	0.000000	0.000068
657	-0.0011	-0.0051	-0.1566	0.000000	-0.000004	-0.000037
658	-0.0044	-0.0049	-0.1561	0.000000	0.000005	-0.000045
659	-0.0007	-0.0041	-0.1554	0.000000	0.000004	-0.000014
660	-0.0011	-0.0046	-0.1560	0.000000	0.000006	-0.000022
661	-0.0024	-0.0044	-0.1556	0.000000	0.000041	-0.000018
662	-0.0010	-0.0039	-0.1550	0.000000	-0.000006	0.000007
663	-0.0014	-0.0245	-0.1520	0.000000	0.000006	-0.000007
664	-0.0006	-0.0245	-0.1540	0.000000	-0.000027	-0.000016
665	-0.0013	-0.0202	-0.1494	0.000000	0.000010	-0.000025
666	-0.0015	-0.0226	-0.1508	0.000000	-0.000006	-0.000020
667	0.0003	-0.0228	-0.1533	0.000000	0.000044	-0.000020
668	0.0008	-0.0205	-0.1525	0.000000	-0.000039	-0.000023
669	0.0012	0.0173	-0.1241	0.000046	0.000000	-0.000073
670	0.0006	0.0221	-0.1244	0.000061	0.000000	-0.000085
671	0.0001	0.0277	-0.1246	0.000062	0.000000	-0.000100
672	0.0001	0.0330	-0.1245	0.000058	0.000000	-0.000091
673	0.0002	0.0367	-0.1244	0.000061	0.000000	-0.000040
674	0.0007	0.0314	-0.1242	0.000062	0.000000	-0.000012
675	0.0013	0.0253	-0.1238	0.000072	0.000000	-0.000014
676	0.0009	0.0044	-0.1255	0.000021	0.000000	-0.000052
677	0.0012	0.0104	-0.1248	0.000044	0.000000	-0.000075
678	0.0005	0.0108	-0.1257	0.000028	0.000000	-0.000062
679	0.0007	0.0075	-0.1258	0.000056	0.000000	-0.000060
680	0.0007	0.0140	-0.1250	0.000046	0.000000	-0.000076
681	0.0002	0.0177	-0.1250	0.000052	0.000000	-0.000085
682	-0.0004	0.0064	-0.1294	0.000004	0.000050	-0.000003
683	-0.0011	0.0063	-0.1326	-0.000001	-0.000010	-0.000013
684	-0.0005	0.0012	-0.1283	0.000004	0.000050	0.000000
685	-0.0005	0.0036	-0.1290	-0.000003	-0.000038	-0.000003
686	-0.0008	0.0037	-0.1317	0.000002	0.000021	-0.000001
687	-0.0001	0.0015	-0.1305	0.000000	-0.000002	0.000007
688	0.0005	0.0360	-0.1346	0.000000	-0.000013	0.000006
689	0.0000	0.0363	-0.1294	0.000000	-0.000004	0.000009
690	-0.0012	0.0256	-0.1337	0.000000	0.000018	-0.000025
691	-0.0009	0.0308	-0.1342	0.000000	-0.000023	-0.000006
692	-0.0002	0.0311	-0.1290	0.000000	0.000000	-0.000010
693	0.0002	0.0257	-0.1286	0.000000	0.000008	-0.000013
694	-0.0013	-0.0081	-0.1465	0.000000	0.000021	-0.000006
695	-0.0009	-0.0068	-0.1458	0.000000	-0.000008	-0.000005
696	-0.0013	-0.0055	-0.1451	0.000000	-0.000003	0.000003
697	-0.0023	-0.0008	-0.1444	0.000000	0.000011	0.000002
698	-0.0015	-0.0009	-0.1438	0.000000	0.000009	-0.000002
699	-0.0011	-0.0010	-0.1431	0.000000	0.000001	-0.000005
700	-0.0033	-0.0037	-0.1539	0.000000	-0.000003	-0.000037
701	-0.0045	-0.0041	-0.1545	0.000000	0.000030	-0.000010
702	-0.0053	-0.0047	-0.1550	0.000000	-0.000012	0.000019
703	-0.0064	-0.0035	-0.1533	0.000000	-0.000009	-0.000022
704	-0.0057	-0.0040	-0.1538	0.000000	-0.000007	-0.000016
705	-0.0052	-0.0046	-0.1542	0.000000	-0.000005	-0.000017
706	-0.0081	-0.0034	-0.1527	0.000000	-0.000009	-0.000013
707	-0.0074	-0.0040	-0.1531	0.000000	-0.000008	-0.000018
708	-0.0068	-0.0045	-0.1535	0.000000	-0.000008	-0.000016
709	-0.0093	-0.0034	-0.1521	0.000000	-0.000004	-0.000010
710	-0.0089	-0.0039	-0.1525	0.000000	-0.000005	-0.000013
711	-0.0085	-0.0044	-0.1528	0.000000	-0.000006	-0.000017
712	-0.0100	-0.0033	-0.1514	0.000000	0.000003	-0.000004
713	-0.0101	-0.0038	-0.1518	0.000000	0.000001	-0.000010
714	-0.0101	-0.0044	-0.1521	0.000000	-0.000001	-0.000014
715	-0.0114	-0.0044	-0.1514	0.000000	0.000006	-0.000012
716	-0.0124	-0.0043	-0.1506	0.000000	0.000013	-0.000008
717	-0.0102	-0.0032	-0.1507	0.000000	0.000009	-0.000001
718	-0.0109	-0.0038	-0.1511	0.000000	0.000007	-0.000006
719	-0.0113	-0.0038	-0.1504	0.000000	0.000014	-0.000003
720	-0.0102	-0.0032	-0.1500	0.000000	0.000014	0.000002
721	-0.0024	-0.0040	-0.1440	-0.000008	0.000000	-0.000062
722	-0.0020	-0.0034	-0.1437	-0.000007	0.000000	-0.000046

723	-0.0017	-0.0028	-0.1432	-0.000008	0.000000	-0.000037
724	-0.0078	-0.0058	-0.1358	0.000000	0.000023	-0.000009
725	-0.0095	-0.0070	-0.1362	0.000000	0.000022	-0.000009
726	-0.0113	-0.0083	-0.1366	0.000000	0.000023	-0.000010
727	-0.0069	-0.0057	-0.1374	0.000000	0.000021	-0.000010
728	-0.0085	-0.0070	-0.1377	0.000000	0.000021	-0.000012
729	-0.0101	-0.0083	-0.1380	0.000000	0.000019	-0.000015
730	-0.0059	-0.0056	-0.1390	0.000000	0.000019	-0.000011
731	-0.0073	-0.0069	-0.1393	0.000000	0.000017	-0.000014
732	-0.0085	-0.0083	-0.1396	0.000000	0.000015	-0.000018
733	-0.0068	-0.0082	-0.1412	0.000000	0.000011	-0.000019
734	-0.0049	-0.0082	-0.1430	0.000000	0.000008	-0.000023
735	-0.0048	-0.0055	-0.1405	0.000000	0.000014	-0.000013
736	-0.0059	-0.0068	-0.1409	0.000000	0.000014	-0.000017
737	-0.0042	-0.0068	-0.1425	0.000000	0.000009	-0.000019
738	-0.0034	-0.0054	-0.1421	0.000000	0.000010	-0.000016
739	-0.0005	-0.0008	-0.1431	0.000000	0.000002	0.000030
740	-0.0005	-0.0008	-0.1436	0.000000	-0.000001	0.000039
741	-0.0001	-0.0008	-0.1440	0.000000	-0.000011	0.000054
742	0.0034	-0.0009	-0.1434	0.000000	-0.000010	0.000053
743	0.0045	-0.0008	-0.1439	0.000000	-0.000017	0.000066
744	0.0062	-0.0008	-0.1442	0.000000	-0.000027	0.000079
745	0.0088	-0.0009	-0.1438	0.000000	-0.000026	0.000061
746	0.0111	-0.0009	-0.1442	0.000000	-0.000033	0.000075
747	0.0139	-0.0008	-0.1446	0.000000	-0.000041	0.000085
748	0.0218	-0.0008	-0.1450	0.000000	-0.000052	0.000083
749	0.0287	-0.0009	-0.1455	0.000000	-0.000065	0.000062
750	0.0144	-0.0010	-0.1440	0.000000	-0.000041	0.000058
751	0.0179	-0.0010	-0.1445	0.000000	-0.000049	0.000069
752	0.0239	-0.0010	-0.1448	0.000000	-0.000059	0.000058
753	0.0195	-0.0011	-0.1442	0.000000	-0.000054	0.000049
754	0.0252	0.0260	-0.1842	0.000000	-0.000053	0.000013
755	0.0294	0.0310	-0.1847	0.000000	-0.000054	0.000018
756	0.0336	0.0360	-0.1852	0.000000	-0.000054	0.000022
757	0.0230	0.0260	-0.1778	0.000000	-0.000045	0.000030
758	0.0266	0.0310	-0.1783	0.000000	-0.000046	0.000037
759	0.0302	0.0360	-0.1787	0.000000	-0.000048	0.000045
760	0.0195	0.0259	-0.1713	0.000000	-0.000033	0.000041
761	0.0221	0.0309	-0.1718	0.000000	-0.000034	0.000052
762	0.0249	0.0359	-0.1722	0.000000	-0.000038	0.000061
763	0.0149	0.0258	-0.1648	0.000000	-0.000018	0.000050
764	0.0164	0.0308	-0.1653	0.000000	-0.000021	0.000061
765	0.0182	0.0359	-0.1657	0.000000	-0.000025	0.000072
766	0.0098	0.0257	-0.1583	0.000000	-0.000003	0.000051
767	0.0102	0.0308	-0.1588	0.000000	-0.000008	0.000064
768	0.0110	0.0358	-0.1592	0.000000	-0.000013	0.000072
769	0.0043	0.0358	-0.1527	0.000000	-0.000005	0.000061
770	0.0006	0.0357	-0.1463	0.000000	0.000008	0.000012
771	0.0047	0.0257	-0.1518	0.000000	0.000009	0.000050
772	0.0043	0.0307	-0.1523	0.000000	0.000002	0.000054
773	0.0003	0.0306	-0.1458	0.000000	-0.000016	0.000027
774	0.0000	0.0255	-0.1453	0.000000	0.000010	0.000043
775	-0.0083	-0.0034	-0.1425	-0.000011	0.000000	0.000003
776	-0.0083	-0.0032	-0.1441	-0.000010	0.000000	0.000003
777	-0.0101	-0.0040	-0.1445	-0.000008	0.000000	0.000004
778	-0.0118	-0.0048	-0.1448	-0.000009	0.000000	0.000006
779	-0.0136	-0.0056	-0.1451	-0.000009	0.000000	0.000009
780	-0.0135	-0.0062	-0.1440	-0.000010	0.000000	0.000012
781	-0.0135	-0.0068	-0.1425	-0.000010	0.000000	0.000012
782	-0.0116	-0.0058	-0.1419	-0.000012	0.000000	0.000008
783	-0.0098	-0.0047	-0.1414	-0.000013	0.000000	0.000007
784	-0.0081	-0.0036	-0.1409	-0.000013	0.000000	0.000004
785	-0.0093	-0.0054	-0.1380	-0.000016	0.000000	0.000006
786	-0.0109	-0.0067	-0.1384	-0.000016	0.000000	0.000007
787	-0.0126	-0.0079	-0.1387	-0.000013	0.000000	0.000010
788	-0.0113	-0.0063	-0.1401	-0.000013	0.000000	0.000009
789	-0.0095	-0.0051	-0.1397	-0.000015	0.000000	0.000006
790	-0.0117	-0.0043	-0.1464	-0.000007	0.000000	0.000005
791	-0.0115	-0.0039	-0.1480	-0.000006	0.000000	0.000002
792	-0.0100	-0.0034	-0.1476	-0.000007	0.000000	0.000002
793	-0.0100	-0.0037	-0.1461	-0.000007	0.000000	0.000003
794	-0.0126	-0.0085	-0.1371	-0.000017	0.000000	0.000007

795	-0.0109	-0.0072	-0.1367	-0.000016	0.000000	0.000006
796	-0.0092	-0.0059	-0.1363	-0.000018	0.000000	0.000005
797	-0.0128	-0.0073	-0.1405	-0.000013	0.000000	0.000009
798	-0.0083	-0.0040	-0.1402	-0.000014	0.000000	0.000005
799	-0.0086	-0.0042	-0.1403	-0.000014	0.000000	0.000005
800	-0.0130	-0.0043	-0.1483	-0.000006	0.000000	0.000003
801	-0.0131	-0.0048	-0.1467	-0.000007	0.000000	0.000006
802	-0.0088	-0.0034	-0.1447	-0.000009	0.000000	0.000003
803	0.0258	0.0174	-0.1749	0.000032	0.000000	-0.000059
804	0.0310	0.0205	-0.1754	0.000036	0.000000	-0.000069
805	0.0361	0.0239	-0.1760	0.000039	0.000000	-0.000082
806	0.0363	0.0284	-0.1793	0.000039	0.000000	-0.000080
807	0.0363	0.0322	-0.1819	0.000043	0.000000	-0.000057
808	0.0313	0.0282	-0.1809	0.000048	0.000000	-0.000034
809	0.0261	0.0235	-0.1801	0.000057	0.000000	-0.000026
810	0.0309	0.0298	-0.1844	0.000057	0.000000	-0.000031
811	0.0305	0.0309	-0.1878	0.000063	0.000000	-0.000019
812	0.0360	0.0358	-0.1862	0.000057	0.000000	-0.000037
813	0.0335	0.0328	-0.1853	0.000057	0.000000	-0.000034
814	0.0362	0.0342	-0.1840	0.000051	0.000000	-0.000047
815	0.0339	0.0079	-0.1641	0.000015	0.000000	-0.000070
816	0.0294	0.0066	-0.1631	0.000008	0.000000	-0.000057
817	0.0248	0.0055	-0.1620	0.000008	0.000000	-0.000048
818	0.0305	0.0156	-0.1714	0.000027	0.000000	-0.000068
819	0.0300	0.0109	-0.1673	0.000018	0.000000	-0.000065
820	0.0358	0.0168	-0.1708	0.000029	0.000000	-0.000078
821	0.0331	0.0162	-0.1711	0.000028	0.000000	-0.000073
822	0.0258	0.0257	-0.1868	0.000062	0.000000	-0.000016
823	0.0259	0.0245	-0.1831	0.000058	0.000000	-0.000024
824	0.0335	0.0344	-0.1884	0.000062	0.000000	-0.000022
825	0.0361	0.0373	-0.1889	0.000062	0.000000	-0.000024
826	0.0337	0.0317	-0.1835	0.000052	0.000000	-0.000040
827	0.0377	0.0359	-0.1844	0.000052	0.000000	-0.000050
828	0.0248	0.0019	-0.1569	-0.000002	0.000000	-0.000040
829	0.0294	0.0020	-0.1579	0.000000	0.000000	-0.000048
830	0.0339	0.0023	-0.1589	0.000003	0.000000	-0.000052
831	0.0255	0.0134	-0.1709	0.000026	0.000000	-0.000057
832	0.0252	0.0093	-0.1665	0.000016	0.000000	-0.000054
833	0.0323	0.0116	-0.1675	0.000020	0.000000	-0.000069
834	0.0005	-0.0191	-0.1568	-0.000001	0.000000	0.000072
835	0.0002	-0.0195	-0.1570	-0.000001	0.000000	0.000064
836	-0.0002	-0.0197	-0.1571	-0.000001	0.000000	0.000060
837	0.0001	-0.0094	-0.1577	-0.000009	0.000000	0.000049
838	0.0001	-0.0141	-0.1574	-0.000006	0.000000	0.000065
839	0.0004	-0.0089	-0.1575	-0.000009	0.000000	0.000053
840	-0.0002	-0.0247	-0.1567	-0.000006	0.000000	0.000054
841	0.0002	-0.0244	-0.1567	0.000005	0.000000	0.000049
842	0.0007	-0.0245	-0.1565	-0.000005	0.000000	0.000047
843	-0.0003	-0.0103	-0.1578	-0.000008	0.000000	0.000048
844	-0.0002	-0.0148	-0.1575	-0.000005	0.000000	0.000059
845	0.0004	-0.0135	-0.1572	-0.000007	0.000000	0.000067
846	0.0006	-0.0064	-0.1575	-0.000010	0.000000	0.000031
847	0.0004	-0.0066	-0.1577	0.000000	-0.000003	-0.000004
848	-0.0001	-0.0066	-0.1574	0.000000	-0.000004	-0.000012
849	-0.0010	-0.0066	-0.1572	0.000000	-0.000005	-0.000020
850	-0.0011	-0.0060	-0.1569	0.000000	-0.000006	0.000009
851	-0.0008	-0.0060	-0.1571	0.000000	-0.000010	-0.000020
852	0.0002	-0.0061	-0.1575	0.000000	-0.000002	-0.000015
853	-0.0022	-0.0057	-0.1567	0.000000	-0.000031	-0.000013
854	0.0010	-0.0070	-0.1578	0.000000	-0.000010	0.000012
855	0.0010	-0.0070	-0.1575	0.000000	-0.000036	-0.000004
856	0.0000	-0.0070	-0.1573	0.000000	-0.000030	-0.000013
857	-0.0014	-0.0057	-0.1569	0.000000	-0.000016	-0.000023
858	0.0029	-0.0280	-0.1546	0.000000	-0.000030	0.000007
859	0.0025	-0.0280	-0.1550	0.000000	-0.000018	0.000007
860	0.0016	-0.0280	-0.1556	0.000000	0.000008	0.000017
861	0.0021	-0.0273	-0.1553	0.000000	-0.000010	-0.000002
862	0.0009	-0.0272	-0.1545	0.000000	-0.000015	-0.000027
863	-0.0003	-0.0271	-0.1539	0.000000	-0.000037	-0.000015
864	0.0017	-0.0267	-0.1550	0.000000	0.000029	-0.000042
865	0.0015	-0.0284	-0.1558	0.000000	-0.000007	0.000022
866	-0.0001	-0.0266	-0.1540	0.000000	-0.000020	-0.000016

867	-0.0018	-0.0264	-0.1533	0.000000	-0.000025	-0.000043
868	0.0000	0.0400	-0.1244	0.000067	0.000000	-0.000050
869	0.0027	-0.0137	-0.1479	0.000000	-0.000039	-0.000058
870	-0.0010	-0.0117	-0.1476	0.000000	-0.000045	-0.000020
871	-0.0027	-0.0013	-0.1451	0.000000	-0.000014	0.000004
872	-0.0079	-0.0055	-0.1531	0.000000	-0.000008	-0.000023
873	-0.0122	-0.0053	-0.1516	0.000000	0.000004	-0.000020
874	-0.0137	-0.0051	-0.1509	0.000000	0.000011	-0.000015
875	-0.0057	-0.0057	-0.1539	0.000000	-0.000012	-0.000021
876	-0.0037	-0.0059	-0.1546	0.000000	-0.000017	-0.000018
877	-0.0009	-0.0064	-0.1562	0.000000	-0.000015	0.000012
878	-0.0018	-0.0060	-0.1554	0.000000	-0.000021	-0.000016
879	-0.0017	-0.0059	-0.1561	0.000000	-0.000012	-0.000019
880	-0.0102	-0.0054	-0.1524	0.000000	-0.000003	-0.000022
881	-0.0050	-0.0119	-0.1437	0.000000	-0.000007	-0.000032
882	-0.0035	-0.0132	-0.1445	0.000000	-0.000014	-0.000035
883	0.0377	-0.0001	-0.1464	0.000000	-0.000051	0.000063
884	0.0420	0.0004	-0.1467	0.000000	-0.000061	0.000056
885	0.0471	0.0010	-0.1469	0.000000	-0.000074	0.000055
886	0.0299	-0.0003	-0.1457	0.000000	-0.000060	0.000092
887	0.0341	0.0001	-0.1459	0.000000	-0.000062	0.000089
888	0.0386	0.0006	-0.1461	0.000000	-0.000070	0.000089
889	0.0205	-0.0004	-0.1451	0.000000	-0.000054	0.000098
890	0.0239	-0.0002	-0.1453	0.000000	-0.000061	0.000104
891	0.0276	0.0002	-0.1454	0.000000	-0.000065	0.000106
892	0.0159	-0.0002	-0.1449	0.000000	-0.000056	0.000104
893	0.0055	-0.0007	-0.1446	0.000000	-0.000043	0.000076
894	0.0118	-0.0006	-0.1448	0.000000	-0.000047	0.000095
895	0.0131	-0.0005	-0.1448	0.000000	-0.000050	0.000097
896	0.0036	-0.0008	-0.1445	0.000000	-0.000041	0.000077
897	0.0052	-0.0007	-0.1445	0.000000	-0.000038	0.000080
898	0.0522	0.0572	-0.1869	0.000000	-0.000060	0.000020
899	0.0473	0.0518	-0.1865	0.000000	-0.000058	0.000024
900	0.0425	0.0464	-0.1861	0.000000	-0.000056	0.000025
901	0.0474	0.0557	-0.1808	0.000000	-0.000061	0.000055
902	0.0427	0.0508	-0.1803	0.000000	-0.000057	0.000055
903	0.0382	0.0459	-0.1797	0.000000	-0.000054	0.000054
904	0.0399	0.0542	-0.1747	0.000000	-0.000057	0.000081
905	0.0355	0.0498	-0.1740	0.000000	-0.000052	0.000078
906	0.0315	0.0453	-0.1733	0.000000	-0.000047	0.000075
907	0.0305	0.0527	-0.1686	0.000000	-0.000049	0.000097
908	0.0267	0.0487	-0.1678	0.000000	-0.000043	0.000093
909	0.0233	0.0448	-0.1669	0.000000	-0.000036	0.000088
910	0.0203	0.0512	-0.1626	0.000000	-0.000036	0.000104
911	0.0172	0.0477	-0.1616	0.000000	-0.000030	0.000097
912	0.0145	0.0443	-0.1605	0.000000	-0.000025	0.000089
913	0.0117	0.0499	-0.1573	0.000000	-0.000023	0.000100
914	0.0088	0.0471	-0.1559	0.000000	-0.000015	0.000091
915	0.0059	0.0442	-0.1540	0.000000	-0.000006	0.000079
916	-0.0008	0.0447	-0.1475	0.000000	0.000010	0.000054
917	0.0018	0.0473	-0.1504	0.000000	-0.000001	0.000074
918	0.0055	0.0492	-0.1532	0.000000	-0.000010	0.000090
919	0.0424	0.0284	-0.1764	0.000038	0.000000	-0.000090
920	0.0464	0.0313	-0.1766	0.000039	0.000000	-0.000096
921	0.0503	0.0343	-0.1768	0.000040	0.000000	-0.000102
922	0.0543	0.0373	-0.1771	0.000040	0.000000	-0.000109
923	0.0542	0.0168	-0.1663	0.000019	0.000000	-0.000098
924	0.0503	0.0152	-0.1661	0.000022	0.000000	-0.000089
925	0.0463	0.0134	-0.1658	0.000026	0.000000	-0.000084
926	0.0423	0.0115	-0.1655	0.000024	0.000000	-0.000082
927	0.0475	0.0053	-0.1587	0.000019	0.000000	-0.000050
928	0.0469	0.0089	-0.1623	0.000022	0.000000	-0.000069
929	0.0425	0.0059	-0.1610	0.000026	0.000000	-0.000063
930	0.0428	0.0031	-0.1580	0.000025	0.000000	-0.000046
931	0.0427	0.0346	-0.1803	0.000044	0.000000	-0.000081
932	0.0430	0.0400	-0.1840	0.000052	0.000000	-0.000066
933	0.0433	0.0445	-0.1881	0.000059	0.000000	-0.000044
934	0.0482	0.0498	-0.1885	0.000060	0.000000	-0.000052
935	0.0532	0.0548	-0.1883	0.000059	0.000000	-0.000063
936	0.0471	0.0383	-0.1805	0.000046	0.000000	-0.000089
937	0.0479	0.0446	-0.1843	0.000052	0.000000	-0.000075
938	0.0529	0.0486	-0.1839	0.000052	0.000000	-0.000086

939	0.0512	0.0412	-0.1804	0.000046	0.000000	-0.000096
940	0.0546	0.0432	-0.1800	0.000045	0.000000	-0.000103
941	0.0543	0.0268	-0.1717	0.000030	0.000000	-0.000109
942	0.0503	0.0245	-0.1715	0.000031	0.000000	-0.000103
943	0.0464	0.0221	-0.1712	0.000031	0.000000	-0.000097
944	0.0424	0.0197	-0.1709	0.000031	0.000000	-0.000090
945	0.0541	0.0089	-0.1610	0.000007	0.000000	-0.000068
946	0.0504	0.0097	-0.1621	0.000017	0.000000	-0.000071
947	0.0504	0.0060	-0.1588	0.000013	0.000000	-0.000052
948	0.0532	0.0023	-0.1520	0.000008	0.000000	-0.000017
949	0.0481	0.0015	-0.1519	0.000010	0.000000	-0.000017
950	0.0431	0.0004	-0.1517	0.000013	0.000000	-0.000007

4.1.1.2 Sollecitazioni

Tabella 2.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	-472.91	-414.67	-1230.21	-2006.43	-625.55	-356.83
			20	-480.87	-414.67	-1511.94	-844.06	-554.76	-351.12
			40	-488.87	-414.67	-1561.69	313.48	-485.09	-345.66
2	Fond.	1, 2	0	-1025.29	-446.87	-1561.50	-2683.82	-493.45	-282.73
			28	-1036.37	-446.87	-2076.95	-1098.51	-416.62	-276.27
			55	-1047.60	-446.88	-2157.15	481.86	-341.32	-271.77
3	Fond.	1, 2	0	-1050.56	-446.88	-2157.15	481.86	-341.32	-271.77
			28	-1061.93	-446.88	-1803.04	2060.25	-266.91	-269.90
			55	-1073.44	-446.88	-1014.79	3639.41	-192.59	-271.20
4	Fond.	1, 2	0	-353.85	-458.48	-1014.94	-967.71	-189.15	-192.03
			46	-373.15	-458.49	-849.24	1661.61	-99.53	-202.25
			91	-392.60	-458.50	520.24	4304.98	-2.76	-223.49
5	Fond.	1, 2	0	-107.63	-459.86	519.65	-3051.49	-8.91	-221.25
			46	-127.17	-459.88	-259.47	-392.12	99.15	-253.95
			91	-146.76	-459.89	179.49	2283.30	224.71	-297.72
6	Fond.	1, 2	0	691.72	-426.11	178.89	-3113.92	236.78	-327.08
			46	672.23	-426.12	-621.30	-421.53	398.03	-380.59
			91	653.00	-426.14	-187.86	2289.90	585.47	-441.24
7	Fond.	9, 1	0	-153.13	1583.30	-827.05	-285.22	643.21	566.80
			38	-142.22	1583.27	-521.00	1906.13	426.58	563.65
			77	-131.34	1583.25	626.58	4105.61	210.78	562.77
8	Fond.	9, 1	0	99.53	1438.57	626.22	-2467.57	227.83	494.50
			38	110.40	1438.55	98.85	-259.75	37.85	497.45
			77	121.31	1438.53	419.25	1955.45	-154.11	504.86
9	Fond.	9, 1	0	27.52	1292.74	418.96	-3290.81	-139.25	627.93
			38	38.44	1292.73	-421.26	-1068.91	-382.05	639.52
			77	49.37	1292.72	-408.45	1160.02	-629.92	654.01
10	Fond.	2, 5	0	1749.52	83.46	269.76	-897.02	566.23	307.62
			43	1809.63	83.46	411.94	1651.50	437.00	288.63
			87	1870.33	83.45	1643.13	4129.77	316.01	270.12
11	Fond.	2, 5	0	2562.36	34.29	1645.87	-493.40	263.19	342.27
			43	2623.82	34.28	1931.27	1909.45	118.37	326.80
			87	2686.15	34.28	3239.63	4227.61	-20.67	315.74
12	Fond.	2, 5	0	1557.45	6.70	3243.21	-9114.58	-43.35	320.67
			43	1620.49	6.69	-246.39	-6893.92	-180.77	314.35
			87	1684.08	6.69	-2796.57	-4777.61	-316.36	312.00
13	Fond.	3, 4	0	692.44	421.61	-191.29	-1701.93	673.63	349.22
			45	747.97	421.61	-509.65	381.84	517.88	342.54
			90	803.77	421.61	105.03	2445.90	365.42	335.29
14	Fond.	3, 4	0	-289.67	461.42	105.67	-1655.23	352.96	288.70
			45	-233.78	461.42	-200.45	390.83	224.19	284.32
			90	-177.97	461.43	410.27	2419.63	96.30	285.09
15	Fond.	3, 4	0	-684.86	464.44	410.91	-3155.47	97.97	279.26
			45	-629.21	464.45	-578.00	-1143.92	-29.05	286.43
			90	-573.79	464.45	-665.37	851.54	-160.81	300.28
16	Fond.	3, 4	0	-1369.40	452.08	-665.14	-3011.52	-166.75	397.54
			28	-1335.69	452.08	-1339.86	-1798.29	-277.60	409.00
			55	-1302.15	452.09	-1681.34	-588.09	-391.87	422.31
17	Fond.	3, 4	0	-1303.41	452.09	-1681.34	-588.09	-391.87	422.31
			28	-1270.06	452.10	-1690.14	621.19	-509.98	436.85

RELAZIONE DI CALCOLO -

			55	-1236.87	452.10	-1366.19	1831.89	-632.17	451.82
18	Fond.	3, 4	0	-805.26	421.62	-1366.29	-441.64	-619.55	488.92
			22	-778.81	421.62	-1367.29	529.41	-728.41	500.54
			44	-752.44	421.63	-1154.29	1503.75	-839.72	511.17
19	Fond.	8, 3	0	1679.33	-63.21	-2181.06	3955.19	-614.58	-438.42
			43	1666.81	-63.21	-52.28	5826.17	-424.50	-437.51
			87	1654.86	-63.21	2899.36	7742.90	-233.03	-445.29
20	Fond.	8, 3	0	2502.89	-76.60	2897.93	-3634.18	-194.68	-435.37
			43	2491.64	-76.61	1746.67	-1678.40	-1.81	-454.12
			87	2481.23	-76.61	1451.43	304.79	201.75	-484.58
21	Fond.	8, 3	0	1685.93	-128.77	1450.75	-3419.65	270.75	-386.07
			43	1676.22	-128.77	402.87	-1417.48	447.17	-427.47
			87	1667.07	-128.78	228.13	598.95	643.54	-477.36
22	Fond.	4, 12	0	-197.44	-1204.40	-414.02	-839.61	-833.66	-892.34
			38	-214.73	-1204.41	-400.70	880.09	-500.01	-849.61
			77	-232.07	-1204.42	279.14	2637.99	-181.24	-815.10
23	Fond.	4, 12	0	-126.60	-1332.14	277.45	-1513.90	-177.95	-703.05
			38	-143.99	-1332.15	47.04	282.69	86.50	-678.43
			77	-161.41	-1332.17	512.68	2117.59	343.46	-663.91
24	Fond.	4, 12	0	-290.34	-1456.80	511.08	-3421.72	341.18	-725.48
			38	-307.82	-1456.82	-436.03	-1549.22	617.97	-720.03
			77	-325.39	-1456.85	-658.13	361.06	894.06	-721.34
25	Fond.	5, 6	0	562.25	1069.16	6395.31	-9357.41	596.23	435.63
			188	538.19	1069.08	-2739.16	-372.16	2.67	221.02
			376	517.53	1069.08	5192.57	8910.07	-350.02	181.31
26	Fond.	9, 5	0	156.49	-770.81	2788.22	-9737.11	-674.89	-324.78
			213	172.28	-770.85	-6072.76	988.62	-8.48	-336.10
			425	189.46	-770.94	6376.31	10820.76	937.43	-586.40
27	Fond.	6, 7	0	1117.79	235.23	4517.95	-4645.63	191.71	322.22
			90	1108.32	235.25	2416.94	-30.32	-108.31	348.58
			180	1100.45	235.27	4453.16	4527.16	-442.61	397.25
28	Fond.	6, 10	0	2243.31	539.74	-1244.92	3000.12	-499.59	-510.77
			36	2237.73	539.74	181.57	4861.51	-313.86	-513.50
			73	2232.67	539.74	2286.11	6742.15	-127.52	-514.38
29	Fond.	6, 10	0	4024.80	475.86	2285.40	-2327.17	-81.54	-413.47
			36	4020.48	475.85	1786.81	-430.80	68.35	-413.38
			73	4017.10	475.85	1977.23	1475.24	218.06	-412.40
30	Fond.	7, 8	0	1092.63	-662.34	5623.63	-9279.20	-402.90	-217.43
			198	1071.63	-662.31	-3400.50	-82.80	-86.30	-113.47
			395	1058.10	-662.33	4829.53	8385.75	117.29	-113.43
31	Fond.	7, 11	0	1636.63	-1023.26	-1323.25	3129.53	-55.96	-136.38
			36	1614.32	-1023.25	148.92	4948.97	-6.08	-138.69
			73	1592.39	-1023.25	2285.66	6796.83	44.47	-139.98
32	Fond.	7, 11	0	3559.08	-917.77	2284.54	-2192.50	29.44	-276.91
			36	3537.75	-917.77	1836.98	-319.66	129.89	-277.11
			73	3517.26	-917.77	2071.61	1572.01	230.17	-275.87
33	Fond.	8, 12	0	513.40	802.99	4607.57	-9066.44	772.16	401.79
			203	496.05	802.97	-5186.34	-668.99	19.64	354.50
			405	482.33	803.01	2386.16	8459.60	-757.29	428.03
34	Fond.	15, 9	0	231.69	-170.10	79.71	-2662.20	1.72	-21.58
			50	240.20	-170.11	-553.59	142.66	12.16	-20.44
			100	248.81	-170.12	215.86	2949.66	22.38	-20.64
35	Fond.	15, 9	0	546.53	-204.95	215.72	-2577.05	13.94	-7.18
			50	555.32	-204.96	-373.67	234.45	17.83	-8.55
			100	564.37	-204.97	444.03	3052.10	22.66	-10.92
36	Fond.	15, 9	0	932.63	-244.11	443.81	-2752.59	11.63	-3.79
			50	942.01	-244.12	-230.40	71.90	14.29	-6.95
			100	951.81	-244.14	509.16	2903.38	18.69	-10.75
37	Fond.	15, 9	0	1241.66	-292.03	508.95	-2804.35	6.78	-11.88
			50	1251.95	-292.04	-188.04	33.93	13.77	-16.16
			100	1262.80	-292.06	535.46	2878.66	22.99	-20.79
38	Fond.	15, 9	0	1419.43	-364.01	535.27	-2766.77	10.02	0.68
			50	1430.88	-364.03	-140.24	83.94	10.88	-4.13
			100	1442.97	-364.05	610.66	2939.97	14.16	-8.99
39	Fond.	15, 9	0	1363.97	-452.84	610.52	-2625.23	-4.02	-19.44
			50	1376.68	-452.86	7.77	235.12	6.91	-24.25
			100	1390.01	-452.89	835.66	3098.16	20.21	-28.95
40	Fond.	15, 9	0	801.53	-588.59	835.65	-2806.98	0.57	16.49
			50	815.35	-588.62	142.52	56.25	-6.54	11.99
			100	829.53	-588.65	880.24	2916.62	-11.45	7.69
41	Fond.	15, 9	0	-130.59	-783.04	880.43	-5515.58	-31.38	-13.98
			50	-116.25	-783.07	-1169.12	-2660.90	-23.33	-18.21

RELAZIONE DI CALCOLO -

			100	-101.97	-783.11	-1792.47	190.77	-13.13	-22.63
42	Fond.	10, 11	0	417.15	220.61	432.11	-2103.08	507.58	486.65
			45	419.19	220.61	18.02	266.11	287.55	491.95
			90	421.38	220.61	669.71	2633.86	64.05	502.43
43	Fond.	10, 11	0	589.77	245.18	669.82	-2499.56	18.83	514.05
			45	592.15	245.18	76.32	-134.76	-216.06	531.03
			90	594.74	245.18	545.88	2225.38	-459.97	553.79
44	Fond.	10, 13	0	5087.14	-19.80	2173.63	-3778.05	-282.03	-151.81
			47	5084.37	-19.80	979.86	-1297.49	-211.18	-148.94
			94	5083.62	-19.80	952.68	1179.50	-141.81	-145.80
45	Fond.	10, 13	0	4482.55	-69.21	953.01	-2883.05	-130.85	-76.89
			47	4483.69	-69.21	176.46	-415.83	-95.16	-75.06
			94	4486.61	-69.21	557.83	2038.23	-59.81	-75.56
46	Fond.	10, 13	0	3581.21	-97.27	558.34	-2477.80	-55.33	-68.93
			47	3585.73	-97.27	-35.24	-38.85	-22.17	-72.47
			94	3591.67	-97.27	515.12	2383.78	13.45	-79.40
47	Fond.	10, 13	0	2648.15	-125.06	515.71	-2359.98	18.28	-72.56
			47	2655.33	-125.06	-31.30	45.30	54.75	-82.91
			94	2663.55	-125.06	549.44	2432.18	96.84	-96.37
48	Fond.	10, 13	0	1569.02	-159.38	550.09	-2477.63	103.73	-85.43
			47	1578.08	-159.38	-61.89	-110.27	147.61	-101.31
			94	1587.77	-159.39	435.66	2236.52	199.33	-118.49
49	Fond.	10, 13	0	397.28	-210.60	436.37	-3472.76	216.67	-140.63
			47	407.37	-210.60	-654.33	-1147.05	286.91	-157.53
			94	417.61	-210.61	-654.86	1159.11	364.62	-171.92
50	Fond.	11, 14	0	3902.08	-329.67	1797.74	-3453.53	-258.04	-106.43
			47	3876.77	-329.67	763.93	-977.85	-208.83	-102.16
			94	3853.00	-329.67	898.57	1511.32	-162.07	-96.34
51	Fond.	11, 14	0	3821.87	-335.44	898.30	-2842.60	-162.56	-108.90
			47	3799.61	-335.44	156.49	-345.17	-112.67	-103.18
			94	3778.87	-335.44	591.24	2157.44	-65.20	-98.78
52	Fond.	11, 14	0	3439.39	-361.24	591.13	-2537.09	-74.20	-72.70
			47	3420.08	-361.25	-5.87	-31.29	-40.60	-70.44
			94	3402.11	-361.25	576.85	2476.32	-7.45	-70.84
53	Fond.	11, 14	0	2921.97	-379.45	576.84	-2426.91	-21.66	-65.70
			47	2905.27	-379.45	31.32	81.18	9.93	-68.98
			94	2889.71	-379.46	666.04	2588.28	43.76	-75.18
54	Fond.	11, 14	0	2096.87	-393.50	666.13	-2560.11	29.51	-66.99
			47	2082.30	-393.51	56.32	-55.72	63.04	-75.89
			94	2068.56	-393.53	624.31	2444.14	101.32	-87.05
55	Fond.	11, 14	0	1022.01	-402.77	624.52	-3977.32	95.48	-120.89
			47	1008.88	-402.78	-655.51	-1483.49	155.35	-133.59
			94	996.14	-402.80	-762.88	1005.30	221.35	-146.68
56	Fond.	12, 20	0	-324.29	553.93	-1637.56	-160.23	157.65	62.32
			50	-347.33	553.90	-1073.47	2393.09	128.07	55.21
			100	-370.53	553.87	786.80	5025.70	103.10	44.14
57	Fond.	12, 20	0	592.21	370.43	784.21	-2743.05	106.94	42.39
			50	569.06	370.40	96.95	-28.60	89.10	28.62
			100	546.17	370.38	786.77	2765.36	78.59	13.20
58	Fond.	12, 20	0	1178.54	235.39	784.35	-3069.44	80.38	66.52
			50	1156.03	235.37	-27.04	-198.66	51.15	50.33
			100	1134.04	235.34	615.45	2746.79	30.06	34.06
59	Fond.	12, 20	0	1302.61	143.37	613.15	-3085.72	30.00	38.28
			50	1281.16	143.35	-169.70	-67.04	14.86	22.37
			100	1260.29	143.33	574.64	3024.02	7.53	7.06
60	Fond.	12, 20	0	1206.31	72.23	572.38	-3186.16	3.84	34.13
			50	1185.98	72.21	-225.04	-23.33	-9.55	19.52
			100	1166.19	72.19	576.54	3210.90	-15.80	5.59
61	Fond.	12, 20	0	979.22	29.33	574.31	-3368.01	-18.01	6.13
			50	959.91	29.31	-278.80	-62.70	-17.70	-7.27
			100	941.02	29.29	538.26	3313.59	-10.79	-20.33
62	Fond.	12, 20	0	668.84	-0.64	536.02	-3672.46	-10.01	-13.57
			50	650.31	-0.66	-434.11	-225.05	0.00	-26.43
			100	632.07	-0.68	337.20	3294.28	16.40	-39.15
63	Fond.	12, 20	0	413.91	-17.89	334.89	-3725.89	22.42	-52.70
			50	395.90	-17.91	-625.95	-133.02	51.91	-65.19
			100	378.08	-17.93	228.37	3535.84	87.51	-77.04
64	Fond.	13, 14	0	-343.48	229.36	-1355.13	-3363.44	348.43	526.16
			90	-367.09	229.35	-2380.69	1085.77	-119.76	518.63
			180	-391.24	229.35	673.88	5720.59	-592.68	535.40
65	Fond.	13, 21	0	113.25	983.55	-425.02	-1645.38	36.80	341.99
			45	123.14	983.54	-676.13	544.80	-114.84	332.77

RELAZIONE DI CALCOLO -

			90	133.08	983.54	56.01	2725.35	-263.37	328.03
66	Fond.	14, 22	0	86.57	195.72	-992.24	-1378.56	-331.75	-354.39
			45	74.60	195.70	-1072.66	1000.48	-169.57	-366.41
			90	62.66	195.68	-81.25	3386.33	-1.87	-379.16
67	Fond.	15, 16	0	99.30	-67.27	-155.46	-1532.57	-5.99	-3.89
			48	97.57	-67.27	-252.79	1112.98	-5.95	3.49
			95	95.88	-67.27	897.63	3721.36	-9.10	9.54
68	Fond.	15, 16	0	-166.10	-49.73	898.95	-3467.52	-11.48	-7.75
			48	-167.80	-49.73	-135.36	-897.60	-8.96	-3.12
			95	-169.57	-49.73	41.51	1632.14	-8.28	0.02
69	Fond.	15, 16	0	-1213.88	-43.95	42.20	-4618.59	-8.82	-4.55
			45	-1215.81	-43.95	-1502.87	-2257.99	-7.17	-3.02
			90	-1218.18	-43.95	-1992.57	72.77	-5.88	-2.97
70	Fond.	15, 16	0	-1235.25	-43.95	-1992.57	72.77	-5.88	-2.97
			45	-1238.06	-43.96	-1438.04	2384.39	-4.27	-4.45
			90	-1241.33	-43.96	154.61	4687.32	-1.65	-7.49
71	Fond.	15, 16	0	-56.97	-40.81	154.67	-769.46	-3.00	-2.90
			39	-59.97	-40.82	239.88	1203.93	-1.17	-6.77
			77	-62.98	-40.82	1086.71	3173.94	2.39	-11.83
72	Fond.	15, 16	0	546.72	-33.10	1086.95	-2437.03	0.88	-11.47
			39	543.77	-33.10	526.47	-472.62	6.47	-17.71
			77	540.97	-33.10	723.15	1483.43	14.70	-25.11
73	Fond.	15, 16	0	578.56	-22.61	723.60	-2387.44	14.45	-27.00
			39	575.90	-22.61	178.66	-441.92	26.49	-35.50
			77	573.39	-22.62	382.83	1491.56	42.01	-45.02
74	Fond.	15, 16	0	232.99	-8.52	383.37	-2336.77	43.20	-47.92
			39	230.60	-8.52	-146.85	-416.16	63.69	-58.27
			77	228.26	-8.52	62.19	1491.34	88.29	-69.19
75	Fond.	16, 21	0	-122.03	13.01	62.67	-2153.52	89.64	-90.64
			30	-123.83	13.01	-361.52	-680.76	118.13	-99.28
			60	-125.65	13.01	-344.99	784.67	149.20	-107.80
76	Fond.	16, 21	0	-273.92	45.66	-344.62	-2449.55	153.74	-173.81
			30	-275.77	45.66	-859.74	-990.73	207.11	-181.90
			60	-277.67	45.66	-938.05	462.65	262.79	-189.13
77	Fond.	17, 20	0	1345.44	164.87	297.72	-2011.22	12.64	-3.38
			40	1334.09	164.88	-47.87	268.67	12.59	3.49
			80	1323.11	164.88	527.04	2592.06	9.97	9.44
78	Fond.	17, 20	0	1839.82	192.22	525.32	-1800.57	20.13	-6.26
			40	1829.30	192.22	280.97	565.62	21.59	-1.18
			80	1819.30	192.23	991.22	2973.19	21.18	3.14
79	Fond.	17, 20	0	1768.22	215.18	989.63	-1567.63	33.48	-9.41
			40	1758.74	215.19	854.29	878.92	36.48	-5.72
			80	1749.76	215.19	1704.59	3360.81	38.11	-2.47
80	Fond.	17, 20	0	809.67	231.16	1703.33	-3704.68	52.53	-11.38
			40	801.06	231.17	726.33	-1192.43	56.47	-8.35
			80	792.67	231.18	759.40	1345.49	59.21	-5.27
81	Fond.	17, 20	0	-831.89	233.64	758.92	-6550.97	68.93	19.79
			45	-841.34	233.65	-1537.81	-3668.27	59.16	23.74
			90	-851.10	233.66	-2530.24	-753.01	47.41	28.67
82	Fond.	17, 20	0	-810.67	233.66	-2530.24	-753.01	47.41	28.67
			45	-820.74	233.67	-2201.17	2207.24	33.15	34.98
			90	-831.10	233.68	-527.03	5226.91	15.68	42.99
83	Fond.	17, 20	0	156.70	226.41	-528.29	-1488.14	18.22	34.11
			45	146.34	226.42	-509.78	1565.36	0.94	43.91
			89	136.02	226.44	883.17	4689.68	-21.14	55.63
84	Fond.	17, 20	0	313.45	221.51	880.56	-4174.83	-18.82	68.08
			45	303.22	221.52	-265.08	-979.81	-52.07	81.65
			89	293.09	221.54	26.51	2285.05	-91.73	96.81
85	Fond.	22, 17	0	202.12	105.09	154.35	-1521.47	22.02	21.78
			30	193.18	105.09	-58.30	85.01	14.33	29.40
			60	184.27	105.09	214.73	1716.49	4.44	36.40
86	Fond.	22, 17	0	753.20	137.19	213.35	-1528.59	10.35	2.89
			30	744.36	137.20	6.02	127.82	8.51	9.28
			60	735.64	137.20	299.28	1809.04	4.84	15.09
87	Piano 1	2, 18	0	434.27	-858.48	-2877.84	2125.46	-228.47	-122.18
			188	434.27	-858.48	645.98	1633.27	0.61	-122.18
			375	434.27	-858.48	3246.94	1141.09	229.69	-122.18
88	Piano 1	19, 3	0	245.75	909.35	3339.79	-1244.61	143.54	75.88
			187	245.75	909.35	553.40	-1735.49	1.66	75.88
			374	245.75	909.35	-3150.93	-2226.36	-140.23	75.88
89	Piano 1	5, 6	0	319.73	37.64	-1010.49	1787.08	-365.96	-175.80
			188	319.73	37.64	598.74	-76.04	-35.28	-175.80

RELAZIONE DI CALCOLO -

			376	319.73	37.64	-1296.55	-1939.16	295.40	-175.80
90	Piano 1	9, 5	0	424.76	-101.46	-882.93	2049.21	330.04	176.52
			213	424.76	-101.46	1235.27	-55.90	-45.12	176.52
			425	424.76	-101.46	-1120.53	-2161.01	-420.28	176.52
91	Piano 1	6, 7	0	270.33	44.94	-459.56	146.05	-70.45	-140.81
			90	270.33	44.94	-434.43	-90.20	56.28	-140.81
			180	270.33	44.94	-621.93	-326.45	183.01	-140.81
92	Piano 1	6, 18	0	42.18	655.92	-128.17	1830.70	233.08	208.28
			115	42.18	655.92	1184.98	453.03	-6.45	208.28
			230	42.18	655.92	913.79	-924.65	-245.97	208.28
93	Piano 1	7, 8	0	208.85	-42.54	-1464.84	2064.19	167.73	105.54
			198	208.85	-42.54	680.22	107.25	-40.80	105.54
			395	208.85	-42.54	-1041.04	-1849.68	-249.32	105.54
94	Piano 1	7, 19	0	155.87	-784.43	-40.96	1766.81	-29.61	-19.76
			115	155.87	-784.43	1198.71	389.13	-6.89	-19.76
			230	155.87	-784.43	854.04	-988.55	15.84	-19.76
95	Piano 1	8, 12	0	366.81	92.32	-1255.79	2139.90	-348.76	-170.89
			203	366.81	92.32	1046.75	133.58	-2.62	-170.89
			405	366.81	92.32	-714.65	-1872.74	343.51	-170.89
96	Piano 1	18, 19	0	225.99	55.31	2591.02	216.44	-16.28	-79.99
			90	225.99	55.31	2679.50	-19.81	55.71	-79.99
			180	225.99	55.31	2555.35	-256.06	127.70	-79.99
97	Piano 2	2, 18	0	-714.23	-872.57	-2898.10	2117.97	-264.06	-121.97
			188	-714.23	-872.57	611.67	1625.78	-35.36	-121.97
			375	-714.23	-872.57	3198.58	1133.59	193.34	-121.97
98	Piano 2	19, 3	0	-1589.38	901.43	3258.99	-1150.00	9.96	-0.27
			187	-1589.38	901.43	649.52	-1640.88	10.46	-0.27
			374	-1589.38	901.43	-2877.89	-2131.75	10.96	-0.27
99	Piano 2	5, 6	0	-681.95	-13.74	-750.88	1663.45	-441.39	-194.22
			188	-681.95	-13.74	625.81	-199.67	-76.06	-194.22
			376	-681.95	-13.74	-1502.02	-2062.79	289.26	-194.22
100	Piano 2	9, 5	0	-405.94	-118.96	-1080.30	2123.70	420.12	231.46
			213	-405.94	-118.96	1196.20	18.59	-71.80	231.46
			425	-405.94	-118.96	-1001.30	-2086.52	-563.73	231.46
101	Piano 2	6, 7	0	-739.38	43.21	-545.47	275.33	-521.07	-624.83
			90	-739.38	43.21	-403.98	39.08	41.27	-624.83
			180	-739.38	43.21	-475.12	-197.17	603.62	-624.83
102	Piano 2	6, 18	0	-351.23	668.28	-193.76	1853.74	572.05	505.57
			115	-351.23	668.28	1145.88	476.06	-9.35	505.57
			230	-351.23	668.28	901.19	-901.61	-590.76	505.57
103	Piano 2	7, 8	0	956.95	79.60	-1870.90	2294.40	82.32	71.04
			198	956.95	79.60	729.00	337.47	-58.04	71.04
			395	956.95	79.60	-537.41	-1619.46	-198.40	71.04
104	Piano 2	7, 19	0	472.94	-736.38	-204.03	1845.87	405.64	369.58
			115	472.94	-736.38	1126.55	468.19	-19.38	369.58
			230	472.94	-736.38	872.81	-909.48	-444.39	369.58
105	Piano 2	8, 12	0	2043.96	139.03	-1088.34	1924.09	-399.96	-200.43
			203	2043.96	139.03	777.07	-82.22	6.02	-200.43
			405	2043.96	139.03	-1421.44	-2088.54	412.00	-200.43
106	Piano 2	13, 16	0	-289.05	-26.62	35.86	705.73	18.50	-20.53
			75	-289.05	-26.62	286.58	-37.14	33.89	-20.53
			150	-289.05	-26.62	-19.85	-780.02	49.29	-20.53
107	Piano 2	17, 14	0	460.62	-10.33	10.09	724.89	160.82	15.61
			75	460.62	-10.33	275.18	-17.98	149.11	15.61
			150	460.62	-10.33	-16.89	-760.86	137.41	15.61
108	Piano 2	18, 19	0	-1219.80	28.62	2530.30	231.98	-397.42	-473.21
			90	-1219.80	28.62	2632.77	-4.27	28.47	-473.21
			180	-1219.80	28.62	2522.62	-240.52	454.36	-473.21
109	Piano 3	5, 6	0	-296.39	42.59	-893.61	2002.66	-333.97	-87.99
			188	-296.39	42.59	1121.12	139.54	-168.46	-87.99
			376	-296.39	42.59	-368.66	-1723.58	-2.95	-87.99
110	Piano 3	9, 5	0	-454.04	-84.74	-699.20	2023.72	195.49	123.65
			213	-454.04	-84.74	1364.81	-81.39	-67.29	123.65
			425	-454.04	-84.74	-1045.17	-2186.50	-330.07	123.65
111	Piano 3	8, 7	0	-1452.19	-61.58	-1118.47	2050.88	130.71	16.14
			198	-1452.19	-61.58	1000.31	93.95	98.83	16.14
			395	-1452.19	-61.58	-747.23	-1862.98	66.95	16.14
112	Piano 3	8, 12	0	-2392.73	99.56	-1540.21	2108.72	-201.37	-113.90
			203	-2392.73	99.56	699.17	102.40	29.34	-113.90
			405	-2392.73	99.56	-1125.38	-1903.92	260.05	-113.90
113	Piano 3	13, 16	0	584.03	-83.21	96.76	944.03	26.23	18.23
			78	327.69	7.20	456.45	-17.24	12.08	18.23

			155	71.35	97.62	69.99	-978.52	-2.07	18.23
114	Piano 3	14, 17	0	136.38	3.45	12.61	729.78	-47.04	13.12
			76	235.43	3.45	283.74	-13.09	-56.97	13.12
			151	334.48	3.45	-7.20	-755.97	-66.90	13.12

4.1.2 Risultati Condizioni (Carichi Permanenti - G2).

4.1.2.1 Cinematismi nodali

Tabella 3.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0029	0.0003	-0.0216	0.000004	-0.000003	0.000009
2	-0.0029	-0.0019	-0.0255	-0.000002	-0.000013	0.000010
3	0.0030	-0.0023	-0.0247	0.000001	0.000009	-0.000011
4	0.0029	0.0004	-0.0222	0.000003	0.000000	-0.000009
5	-0.0003	-0.0017	-0.0238	-0.000011	-0.000011	0.000003
6	0.0000	0.0006	-0.0267	0.000000	-0.000008	-0.000002
7	0.0000	0.0006	-0.0267	0.000001	0.000009	0.000002
8	0.0003	-0.0019	-0.0237	-0.000008	0.000008	-0.000003
9	-0.0005	0.0003	-0.0225	0.000004	0.000016	0.000007
10	0.0000	0.0007	-0.0263	-0.000006	-0.000001	0.000001
11	0.0000	0.0007	-0.0265	-0.000006	0.000000	-0.000001
12	0.0005	0.0004	-0.0229	0.000004	-0.000016	-0.000007
13	0.0000	0.0009	-0.0205	-0.000010	0.000004	0.000000
14	0.0000	0.0010	-0.0206	-0.000010	-0.000005	-0.000001
15	0.0000	0.0004	-0.0267	0.000006	0.000012	0.000000
16	0.0000	0.0007	-0.0208	-0.000007	0.000009	-0.000002
17	-0.0001	0.0008	-0.0208	-0.000007	-0.000009	0.000002
18	0.0000	0.0005	-0.0265	0.000005	-0.000012	0.000000
19	0.0000	0.0009	-0.0197	-0.000008	0.000008	0.000000
20	-0.0001	0.0010	-0.0198	-0.000008	-0.000008	0.000000
21	0.0000	0.0020	-0.0221	0.000005	-0.000007	0.000002
22	0.0003	-0.0017	-0.0256	-0.000025	-0.000118	0.000004
23	0.0009	-0.0009	-0.0248	-0.000029	0.000120	-0.000005
24	0.0012	0.0017	-0.0228	0.000004	0.000003	-0.000003
25	0.0005	-0.0015	-0.0278	-0.000265	0.000008	0.000006
26	0.0004	-0.0027	-0.0292	-0.000261	0.000016	0.000000
27	0.0004	-0.0026	-0.0294	-0.000260	-0.000019	-0.000002
28	0.0003	-0.0007	-0.0278	-0.000262	0.000002	-0.000006
29	0.0002	0.0020	-0.0234	-0.000233	-0.000060	0.000004
30	0.0003	-0.0027	-0.0272	-0.000012	-0.000001	-0.000002
31	0.0004	-0.0026	-0.0274	-0.000012	-0.000001	0.000001
32	0.0006	0.0018	-0.0239	-0.000233	0.000053	-0.000003
33	-0.0028	-0.0027	-0.0211	0.000000	0.000009	-0.000004
34	0.0028	-0.0027	-0.0212	0.000000	-0.000010	0.000003
35	-0.0033	0.0022	-0.0272	0.000005	0.000008	0.000002
36	-0.0031	-0.0027	-0.0213	-0.000012	0.000000	0.000004
37	0.0029	-0.0025	-0.0213	-0.000011	0.000000	-0.000004
38	0.0005	-0.0027	-0.0826	-0.000191	-0.000070	0.000000
39	0.0007	-0.0026	-0.0825	-0.000191	0.000072	-0.000002
40	0.0032	0.0020	-0.0270	0.000004	-0.000008	-0.000003
41	-0.0031	-0.0027	-0.0200	-0.000012	0.000010	-0.000002
42	0.0029	-0.0027	-0.0201	-0.000012	-0.000010	0.000000
43	0.0020	0.0036	-0.0225	0.000005	-0.000007	0.000002
44	0.0017	0.0018	-0.0257	-0.000019	-0.000116	0.000015
45	0.0006	0.0036	-0.0249	-0.000027	0.000127	-0.000022
46	0.0003	0.0031	-0.0231	0.000006	0.000004	-0.000001
47	0.0017	0.0019	-0.0297	-0.000251	0.000007	0.000015
48	0.0010	-0.0063	-0.0301	-0.000255	0.000015	0.000005
49	0.0010	-0.0062	-0.0303	-0.000253	-0.000017	-0.000007
50	0.0004	0.0037	-0.0298	-0.000239	0.000008	-0.000013
51	0.0016	0.0036	-0.0239	-0.000217	-0.000059	-0.000002
52	0.0006	-0.0063	-0.0278	-0.000012	-0.000003	-0.000005
53	0.0007	-0.0062	-0.0279	-0.000013	-0.000001	0.000004
54	0.0006	0.0031	-0.0244	-0.000205	0.000038	0.000007
55	-0.0056	-0.0062	-0.0216	-0.000002	0.000012	-0.000003
56	0.0059	-0.0062	-0.0217	-0.000001	-0.000008	-0.000002
57	-0.0057	0.0037	-0.0276	0.000005	0.000007	0.000001
58	-0.0056	-0.0063	-0.0221	-0.000008	0.000004	0.000001

59	0.0056	-0.0058	-0.0219	-0.000007	0.000000	-0.000005
60	0.0012	-0.0063	-0.0823	-0.000187	-0.000071	0.000005
61	0.0010	-0.0062	-0.0825	-0.000188	0.000070	-0.000006
62	0.0057	0.0032	-0.0273	0.000004	-0.000008	-0.000005
63	0.0056	-0.0062	-0.0208	-0.000010	-0.000008	-0.000004
64	0.0046	0.0057	-0.0226	0.000006	-0.000006	0.000004
65	0.0046	0.0078	-0.0256	0.000010	-0.000026	-0.000003
66	-0.0002	0.0039	-0.0250	0.000029	-0.000026	-0.000011
67	0.0002	0.0033	-0.0231	0.000006	0.000004	0.000000
68	0.0050	0.0065	-0.0303	-0.000154	-0.000004	0.000021
69	0.0037	-0.0100	-0.0302	-0.000147	0.000034	0.000048
70	0.0010	-0.0076	-0.0304	0.000071	-0.000003	-0.000034
71	-0.0002	0.0059	-0.0302	0.000061	0.000013	-0.000016
72	0.0052	0.0051	-0.0240	-0.000140	-0.000048	-0.000011
73	0.0041	-0.0094	-0.0280	0.000000	-0.000022	-0.000013
74	0.0008	-0.0080	-0.0280	0.000000	-0.000002	0.000010
75	-0.0006	0.0035	-0.0245	0.000072	0.000004	0.000015
76	-0.0062	-0.0068	-0.0217	0.000007	0.000004	0.000003
77	0.0091	-0.0098	-0.0219	-0.000010	-0.000012	-0.000007
78	-0.0059	0.0038	-0.0276	0.000005	0.000007	0.000001
79	-0.0058	-0.0065	-0.0221	0.000000	-0.000003	0.000005
80	0.0086	-0.0091	-0.0220	-0.000013	-0.000007	-0.000008
81	0.0086	0.0046	-0.0275	0.000004	-0.000008	-0.000011
82	0.0086	-0.0100	-0.0209	-0.000011	-0.000009	-0.000008
83	-0.0006	0.0016	-0.0220	0.000005	-0.000010	0.000000
84	-0.0029	0.0000	-0.0217	0.000003	-0.000005	0.000006
85	-0.0029	-0.0005	-0.0225	0.000002	-0.000009	0.000003
86	0.0000	0.0019	-0.0224	0.000005	0.000000	0.000004
87	0.0000	0.0009	-0.0233	0.000005	0.000000	0.000011
88	0.0016	0.0014	-0.0226	0.000004	0.000007	-0.000001
89	0.0030	-0.0006	-0.0226	0.000003	0.000006	-0.000004
90	0.0029	0.0000	-0.0222	0.000003	0.000001	-0.000007
91	0.0012	0.0010	-0.0234	0.000006	0.000000	-0.000007
92	0.0012	0.0016	-0.0229	0.000004	0.000000	-0.000004
93	0.0000	0.0003	-0.0245	0.000003	0.000012	0.000001
94	0.0000	0.0003	-0.0231	-0.000001	0.000005	-0.000001
95	-0.0032	0.0013	-0.0258	0.000002	0.000000	0.000007
96	-0.0032	-0.0003	-0.0241	-0.000003	0.000000	0.000010
97	0.0000	0.0003	-0.0231	-0.000001	-0.000004	0.000001
98	-0.0001	0.0003	-0.0244	0.000002	-0.000011	-0.000001
99	0.0030	-0.0004	-0.0242	-0.000003	0.000000	-0.000009
100	0.0031	0.0011	-0.0256	0.000002	0.000000	-0.000006
101	0.0017	0.0034	-0.0225	0.000005	-0.000007	0.000001
102	0.0020	0.0035	-0.0228	0.000005	0.000000	0.000002
103	0.0020	0.0032	-0.0236	0.000008	0.000000	0.000003
104	0.0003	0.0037	-0.0237	0.000011	0.000000	0.000006
105	0.0003	0.0032	-0.0232	0.000007	0.000000	0.000003
106	0.0005	0.0029	-0.0231	0.000005	0.000004	-0.000001
107	-0.0057	-0.0015	-0.0246	-0.000004	0.000000	0.000021
108	-0.0057	0.0008	-0.0255	-0.000001	0.000000	0.000019
109	-0.0032	0.0008	-0.0252	0.000001	0.000000	0.000009
110	0.0057	-0.0004	-0.0250	-0.000002	0.000000	-0.000017
111	0.0057	0.0013	-0.0259	0.000000	0.000000	-0.000014
112	0.0030	0.0002	-0.0248	-0.000001	0.000000	-0.000009
113	0.0031	0.0011	-0.0255	0.000002	0.000000	-0.000006
114	0.0000	0.0015	-0.0228	0.000005	0.000000	0.000009
115	0.0000	-0.0001	-0.0240	0.000004	0.000000	0.000010
116	0.0001	-0.0010	-0.0247	0.000011	0.000000	0.000010
117	-0.0029	-0.0003	-0.0220	0.000003	-0.000007	0.000004
118	-0.0029	-0.0007	-0.0234	0.000000	-0.000011	0.000003
119	-0.0029	-0.0011	-0.0244	-0.000001	-0.000011	0.000006
120	-0.0015	0.0011	-0.0218	0.000005	-0.000010	-0.000001
121	-0.0024	0.0007	-0.0217	0.000005	-0.000007	0.000003
122	-0.0009	-0.0021	-0.0255	0.000023	0.000055	0.000008
123	-0.0012	-0.0024	-0.0255	-0.000008	-0.000040	0.000008
124	-0.0022	-0.0022	-0.0255	-0.000001	0.000005	0.000012
125	0.0001	0.0020	-0.0230	0.000000	-0.000019	0.000000
126	0.0000	0.0020	-0.0225	0.000000	-0.000012	0.000000
127	-0.0012	0.0003	-0.0222	0.000004	0.000010	0.000011
128	-0.0021	0.0003	-0.0219	0.000004	0.000003	0.000012
129	-0.0020	0.0016	-0.0232	0.000000	0.000004	0.000000
130	-0.0020	0.0012	-0.0230	0.000000	0.000000	0.000002

131	-0.0016	0.0007	-0.0227	0.000000	0.000009	0.000004
132	0.0004	-0.0017	-0.0262	0.000000	0.000012	0.000000
133	0.0004	-0.0016	-0.0268	0.000000	-0.000008	-0.000002
134	-0.0019	-0.0018	-0.0253	-0.000003	-0.000011	0.000013
135	-0.0009	-0.0018	-0.0248	-0.000010	-0.000011	0.000010
136	0.0007	-0.0020	-0.0267	0.000000	-0.000002	0.000005
137	0.0007	-0.0022	-0.0258	0.000000	0.000000	0.000007
138	0.0004	-0.0022	-0.0249	0.000000	-0.000006	0.000007
139	0.0011	-0.0003	-0.0242	0.000015	0.000000	-0.000008
140	0.0012	0.0003	-0.0238	0.000005	0.000000	-0.000007
141	0.0012	0.0013	-0.0232	0.000005	0.000000	-0.000006
142	0.0030	-0.0015	-0.0239	0.000001	0.000008	-0.000007
143	0.0030	-0.0009	-0.0233	0.000002	0.000007	-0.000005
144	0.0029	-0.0003	-0.0224	0.000003	0.000004	-0.000005
145	0.0018	-0.0016	-0.0247	0.000030	-0.000061	-0.000009
146	0.0018	-0.0022	-0.0247	-0.000007	0.000039	-0.000009
147	0.0025	-0.0023	-0.0247	0.000003	-0.000009	-0.000013
148	0.0022	0.0010	-0.0225	0.000004	0.000006	-0.000001
149	0.0027	0.0007	-0.0223	0.000004	0.000004	-0.000004
150	0.0006	-0.0008	-0.0265	0.000000	0.000004	-0.000001
151	0.0007	-0.0009	-0.0256	-0.000001	-0.000015	-0.000001
152	0.0009	-0.0020	-0.0245	-0.000006	0.000008	-0.000010
153	0.0019	-0.0022	-0.0248	0.000000	0.000008	-0.000013
154	-0.0004	-0.0014	-0.0267	0.000000	0.000001	-0.000009
155	-0.0005	-0.0019	-0.0258	0.000000	0.000000	-0.000009
156	-0.0003	-0.0021	-0.0248	0.000000	0.000005	-0.000008
157	0.0010	0.0017	-0.0231	0.000000	0.000008	-0.000003
158	0.0008	0.0018	-0.0235	0.000000	0.000015	-0.000003
159	0.0021	0.0004	-0.0225	0.000004	-0.000005	-0.000012
160	0.0012	0.0004	-0.0227	0.000003	-0.000010	-0.000011
161	0.0024	0.0014	-0.0237	0.000000	-0.000006	-0.000001
162	0.0022	0.0011	-0.0234	0.000000	-0.000002	-0.000003
163	0.0016	0.0007	-0.0232	0.000000	-0.000010	-0.000005
164	0.0004	-0.0027	-0.0281	0.000000	0.000001	-0.000001
165	-0.0001	0.0006	-0.0266	-0.000002	-0.000005	0.000001
166	0.0009	-0.0017	-0.0286	0.000000	-0.000004	-0.000007
167	0.0007	-0.0008	-0.0281	0.000000	-0.000002	-0.000004
168	0.0005	0.0000	-0.0275	0.000000	-0.000003	-0.000004
169	0.0002	-0.0017	-0.0270	-0.000011	-0.000001	-0.000003
170	0.0001	-0.0008	-0.0267	-0.000010	-0.000001	-0.000003
171	0.0001	0.0000	-0.0265	-0.000008	-0.000001	-0.000001
172	0.0004	-0.0026	-0.0282	0.000000	-0.000003	-0.000001
173	0.0001	0.0007	-0.0267	-0.000001	0.000004	0.000000
174	0.0003	-0.0016	-0.0271	-0.000011	-0.000001	0.000002
175	0.0002	-0.0007	-0.0269	-0.000010	-0.000001	0.000002
176	0.0001	0.0001	-0.0267	-0.000008	-0.000001	0.000001
177	-0.0003	-0.0016	-0.0287	0.000000	0.000001	0.000006
178	-0.0003	-0.0007	-0.0282	0.000000	-0.000001	0.000004
179	-0.0004	0.0001	-0.0276	0.000000	0.000000	0.000004
180	-0.0033	0.0022	-0.0268	0.000000	0.000007	-0.000001
181	-0.0030	0.0022	-0.0263	0.000000	0.000006	-0.000004
182	-0.0025	0.0022	-0.0258	0.000000	0.000004	-0.000006
183	-0.0020	0.0021	-0.0253	0.000000	0.000002	-0.000006
184	-0.0014	0.0021	-0.0248	0.000000	-0.000001	-0.000006
185	-0.0008	0.0021	-0.0243	0.000000	-0.000005	-0.000005
186	-0.0001	0.0021	-0.0238	0.000000	-0.000013	-0.000009
187	0.0000	0.0004	-0.0262	0.000005	0.000012	0.000000
188	0.0001	0.0004	-0.0257	0.000005	0.000012	-0.000001
189	0.0001	0.0004	-0.0252	0.000005	0.000012	-0.000001
190	0.0002	0.0004	-0.0247	0.000005	0.000012	-0.000001
191	0.0003	0.0004	-0.0242	0.000005	0.000013	0.000000
192	0.0002	0.0003	-0.0237	0.000006	0.000013	0.000001
193	0.0000	0.0003	-0.0231	0.000007	0.000015	0.000003
194	-0.0026	0.0018	-0.0271	0.000005	0.000008	0.000001
195	-0.0018	0.0014	-0.0270	0.000005	0.000009	0.000001
196	-0.0010	0.0009	-0.0269	0.000005	0.000011	0.000001
197	0.0003	-0.0026	-0.0273	-0.000012	0.000000	0.000000
198	0.0000	0.0007	-0.0264	-0.000006	-0.000001	0.000000
199	0.0000	-0.0027	-0.0262	0.000000	0.000000	-0.000005
200	-0.0005	-0.0027	-0.0252	0.000000	0.000002	-0.000006
201	-0.0011	-0.0027	-0.0242	0.000000	0.000004	-0.000007
202	-0.0017	-0.0027	-0.0232	0.000000	0.000006	-0.000006

RELAZIONE DI CALCOLO -

203	-0.0023	-0.0028	-0.0222	0.000000	0.000008	-0.000006
204	0.0000	0.0007	-0.0256	-0.000009	0.000000	0.000000
205	0.0000	0.0008	-0.0246	-0.000010	0.000001	0.000000
206	0.0000	0.0008	-0.0236	-0.000011	0.000002	0.000000
207	0.0000	0.0009	-0.0226	-0.000011	0.000003	0.000000
208	0.0000	0.0009	-0.0216	-0.000011	0.000003	0.000000
209	-0.0020	-0.0018	-0.0210	0.000000	0.000009	-0.000003
210	-0.0013	-0.0009	-0.0209	0.000000	0.000008	-0.000003
211	-0.0005	0.0000	-0.0207	0.000000	0.000008	-0.000002
212	0.0025	-0.0027	-0.0223	0.000000	-0.000009	0.000004
213	0.0020	-0.0027	-0.0233	0.000000	-0.000007	0.000005
214	0.0015	-0.0027	-0.0243	0.000000	-0.000005	0.000006
215	0.0010	-0.0026	-0.0253	0.000000	-0.000003	0.000005
216	0.0006	-0.0026	-0.0264	0.000000	-0.000002	0.000004
217	0.0000	0.0010	-0.0217	-0.000012	-0.000004	0.000000
218	0.0000	0.0009	-0.0228	-0.000011	-0.000004	0.000000
219	0.0000	0.0009	-0.0238	-0.000011	-0.000003	0.000000
220	0.0000	0.0009	-0.0248	-0.000010	-0.000002	0.000000
221	0.0000	0.0008	-0.0257	-0.000009	-0.000001	0.000000
222	0.0020	-0.0017	-0.0211	0.000000	-0.000009	0.000002
223	0.0012	-0.0008	-0.0209	0.000000	-0.000008	0.000002
224	0.0005	0.0001	-0.0208	0.000000	-0.000008	0.000001
225	0.0008	0.0018	-0.0242	0.000000	0.000009	0.000008
226	0.0015	0.0019	-0.0246	0.000000	0.000001	0.000005
227	0.0020	0.0019	-0.0250	0.000000	-0.000003	0.000006
228	0.0026	0.0019	-0.0254	0.000000	-0.000005	0.000005
229	0.0030	0.0019	-0.0258	0.000000	-0.000007	0.000004
230	0.0033	0.0019	-0.0262	0.000000	-0.000008	0.000002
231	0.0033	0.0019	-0.0266	0.000000	-0.000008	0.000000
232	0.0000	0.0004	-0.0235	0.000006	-0.000015	-0.000004
233	-0.0003	0.0004	-0.0240	0.000005	-0.000014	-0.000001
234	-0.0003	0.0004	-0.0244	0.000004	-0.000013	0.000000
235	-0.0003	0.0004	-0.0248	0.000004	-0.000012	0.000001
236	-0.0002	0.0004	-0.0252	0.000004	-0.000012	0.000001
237	-0.0001	0.0005	-0.0256	0.000004	-0.000012	0.000001
238	0.0000	0.0005	-0.0260	0.000004	-0.000012	0.000000
239	0.0025	0.0016	-0.0269	0.000004	-0.000008	-0.000002
240	0.0017	0.0013	-0.0267	0.000004	-0.000009	-0.000001
241	0.0009	0.0009	-0.0266	0.000004	-0.000010	-0.000001
242	-0.0022	-0.0018	-0.0200	-0.000011	0.000009	-0.000001
243	-0.0014	-0.0008	-0.0199	-0.000010	0.000009	-0.000001
244	-0.0007	0.0001	-0.0198	-0.000010	0.000008	-0.000001
245	0.0021	-0.0017	-0.0201	-0.000011	-0.000009	0.000001
246	0.0013	-0.0008	-0.0200	-0.000010	-0.000009	0.000000
247	0.0006	0.0001	-0.0199	-0.000010	-0.000008	0.000000
248	-0.0032	0.0019	-0.0265	0.000004	0.000000	0.000005
249	-0.0032	0.0002	-0.0247	-0.000001	0.000000	0.000010
250	-0.0031	-0.0010	-0.0234	-0.000005	0.000000	0.000009
251	-0.0031	-0.0017	-0.0228	-0.000008	0.000000	0.000008
252	-0.0031	-0.0023	-0.0221	-0.000010	0.000000	0.000007
253	0.0000	0.0004	-0.0257	0.000004	0.000012	0.000001
254	0.0000	0.0003	-0.0236	0.000001	0.000008	0.000000
255	0.0000	0.0004	-0.0226	-0.000002	0.000006	-0.000001
256	0.0000	0.0004	-0.0221	-0.000004	0.000008	-0.000002
257	0.0000	0.0006	-0.0214	-0.000005	0.000009	-0.000002
258	-0.0022	-0.0017	-0.0211	-0.000010	0.000000	0.000002
259	-0.0014	-0.0008	-0.0210	-0.000010	0.000000	0.000001
260	-0.0007	0.0000	-0.0209	-0.000009	0.000000	0.000000
261	-0.0031	-0.0028	-0.0206	-0.000012	0.000000	0.000000
262	0.0000	0.0008	-0.0202	-0.000008	0.000009	-0.000001
263	0.0029	-0.0022	-0.0220	-0.000009	0.000000	-0.000006
264	0.0030	-0.0016	-0.0227	-0.000007	0.000000	-0.000007
265	0.0030	-0.0011	-0.0235	-0.000005	0.000000	-0.000008
266	0.0030	0.0007	-0.0252	0.000000	0.000000	-0.000008
267	0.0031	0.0016	-0.0263	0.000003	0.000000	-0.000005
268	-0.0001	0.0006	-0.0215	-0.000006	-0.000008	0.000002
269	-0.0001	0.0005	-0.0221	-0.000004	-0.000008	0.000002
270	0.0000	0.0004	-0.0227	-0.000003	-0.000006	0.000001
271	0.0000	0.0003	-0.0235	0.000000	-0.000007	0.000000
272	-0.0001	0.0004	-0.0255	0.000004	-0.000012	-0.000001
273	0.0021	-0.0016	-0.0211	-0.000010	0.000000	-0.000002
274	0.0014	-0.0007	-0.0210	-0.000010	0.000000	-0.000001

275	0.0006	0.0001	-0.0209	-0.000009	0.000000	0.000000
276	0.0029	-0.0027	-0.0207	-0.000012	0.000000	-0.000001
277	-0.0001	0.0009	-0.0203	-0.000008	-0.000008	0.000001
278	0.0020	0.0033	-0.0232	0.000006	0.000000	0.000003
279	0.0020	0.0028	-0.0242	0.000009	0.000000	0.000004
280	0.0019	0.0025	-0.0248	0.000018	0.000000	0.000001
281	0.0011	0.0029	-0.0224	0.000005	-0.000006	0.000001
282	0.0006	0.0024	-0.0223	0.000005	-0.000006	0.000001
283	0.0012	0.0009	-0.0255	0.000035	0.000070	0.000006
284	0.0010	-0.0002	-0.0254	-0.000005	-0.000065	0.000004
285	0.0009	-0.0011	-0.0255	0.000031	0.000070	0.000005
286	0.0020	0.0036	-0.0234	0.000000	-0.000020	-0.000003
287	0.0021	0.0036	-0.0229	0.000000	-0.000011	0.000000
288	0.0001	0.0032	-0.0237	0.000000	0.000014	-0.000003
289	0.0009	0.0028	-0.0236	0.000000	0.000007	-0.000002
290	0.0018	0.0024	-0.0235	0.000000	0.000015	-0.000002
291	0.0026	0.0019	-0.0268	0.000000	-0.000004	-0.000002
292	0.0018	0.0019	-0.0281	0.000000	-0.000008	-0.000015
293	0.0016	0.0008	-0.0290	0.000000	-0.000009	0.000000
294	0.0010	-0.0001	-0.0285	0.000000	-0.000006	-0.000002
295	0.0005	-0.0008	-0.0281	0.000000	-0.000006	-0.000001
296	0.0004	0.0043	-0.0242	0.000025	0.000000	0.000003
297	0.0004	0.0041	-0.0240	0.000012	0.000000	0.000002
298	0.0003	0.0034	-0.0235	0.000008	0.000000	0.000005
299	0.0009	0.0024	-0.0247	0.000045	-0.000082	-0.000005
300	0.0007	0.0011	-0.0246	-0.000007	0.000066	-0.000004
301	0.0006	-0.0001	-0.0247	0.000040	-0.000078	-0.000004
302	0.0007	0.0025	-0.0230	0.000005	0.000002	-0.000003
303	0.0009	0.0021	-0.0229	0.000004	0.000003	-0.000004
304	0.0006	0.0037	-0.0278	0.000001	0.000012	0.000006
305	0.0001	0.0037	-0.0262	-0.000001	-0.000017	0.000007
306	0.0004	0.0023	-0.0291	0.000001	0.000009	-0.000004
307	0.0008	0.0012	-0.0285	0.000000	0.000003	0.000002
308	0.0009	0.0002	-0.0281	0.000000	0.000004	0.000002
309	0.0002	0.0031	-0.0235	0.000000	0.000008	-0.000001
310	0.0003	0.0031	-0.0240	0.000000	0.000009	0.000001
311	0.0013	0.0028	-0.0242	0.000000	-0.000015	0.000004
312	0.0003	0.0025	-0.0241	0.000000	-0.000010	0.000002
313	-0.0007	0.0021	-0.0240	0.000000	-0.000016	0.000001
314	0.0010	-0.0063	-0.0288	0.000000	-0.000003	-0.000005
315	0.0013	-0.0053	-0.0296	0.000000	-0.000008	-0.000007
316	0.0007	-0.0045	-0.0293	0.000000	-0.000006	-0.000001
317	0.0002	-0.0036	-0.0292	0.000000	-0.000008	0.000004
318	0.0006	-0.0053	-0.0276	-0.000012	0.000000	-0.000004
319	0.0005	-0.0044	-0.0275	-0.000011	-0.000002	-0.000003
320	0.0004	-0.0036	-0.0274	-0.000011	-0.000001	-0.000002
321	0.0007	-0.0062	-0.0290	0.000000	0.000000	-0.000003
322	0.0006	-0.0053	-0.0278	-0.000012	-0.000002	0.000002
323	0.0005	-0.0044	-0.0277	-0.000011	-0.000001	0.000001
324	0.0004	-0.0035	-0.0275	-0.000011	-0.000001	0.000001
325	0.0005	-0.0052	-0.0298	0.000000	0.000002	0.000001
326	0.0007	-0.0044	-0.0295	0.000000	0.000002	-0.000002
327	0.0009	-0.0036	-0.0294	0.000000	0.000005	-0.000007
328	-0.0053	0.0037	-0.0271	0.000000	0.000005	-0.000007
329	-0.0044	0.0037	-0.0266	0.000000	0.000003	-0.000011
330	-0.0032	0.0037	-0.0261	0.000000	0.000000	-0.000013
331	-0.0019	0.0037	-0.0257	0.000000	-0.000002	-0.000013
332	-0.0006	0.0037	-0.0252	0.000000	-0.000004	-0.000013
333	0.0005	0.0036	-0.0247	0.000000	-0.000007	-0.000009
334	0.0013	0.0036	-0.0243	0.000000	-0.000013	-0.000006
335	-0.0051	0.0033	-0.0275	0.000005	0.000008	0.000001
336	-0.0045	0.0030	-0.0274	0.000005	0.000008	0.000002
337	-0.0039	0.0026	-0.0273	0.000005	0.000008	0.000002
338	0.0007	-0.0060	-0.0277	-0.000011	0.000000	0.000000
339	0.0000	-0.0062	-0.0266	0.000000	-0.000003	-0.000008
340	-0.0010	-0.0062	-0.0255	0.000000	-0.000001	-0.000013
341	-0.0023	-0.0062	-0.0245	0.000000	0.000001	-0.000015
342	-0.0037	-0.0062	-0.0235	0.000000	0.000005	-0.000015
343	-0.0049	-0.0062	-0.0225	0.000000	0.000008	-0.000011
344	-0.0048	-0.0053	-0.0214	0.000000	0.000008	-0.000006
345	-0.0042	-0.0045	-0.0213	0.000000	0.000009	-0.000007
346	-0.0035	-0.0036	-0.0212	0.000000	0.000009	-0.000006

RELAZIONE DI CALCOLO -

347	0.0055	-0.0062	-0.0227	0.000000	-0.000010	0.000009
348	0.0047	-0.0062	-0.0236	0.000000	-0.000009	0.000010
349	0.0036	-0.0062	-0.0247	0.000000	-0.000008	0.000012
350	0.0025	-0.0062	-0.0257	0.000000	-0.000006	0.000012
351	0.0014	-0.0062	-0.0268	0.000000	-0.000004	0.000010
352	0.0052	-0.0053	-0.0216	0.000000	-0.000009	0.000005
353	0.0045	-0.0044	-0.0214	0.000000	-0.000011	0.000005
354	0.0036	-0.0036	-0.0213	0.000000	-0.000011	0.000004
355	0.0014	0.0031	-0.0247	0.000000	0.000001	0.000009
356	0.0022	0.0031	-0.0250	0.000000	-0.000001	0.000009
357	0.0033	0.0031	-0.0254	0.000000	-0.000005	0.000012
358	0.0043	0.0031	-0.0258	0.000000	-0.000006	0.000010
359	0.0052	0.0031	-0.0262	0.000000	-0.000008	0.000008
360	0.0058	0.0031	-0.0266	0.000000	-0.000008	0.000004
361	0.0060	0.0031	-0.0270	0.000000	-0.000009	0.000000
362	0.0051	0.0029	-0.0273	0.000004	-0.000008	-0.000005
363	0.0044	0.0026	-0.0272	0.000004	-0.000008	-0.000004
364	0.0038	0.0023	-0.0271	0.000004	-0.000008	-0.000003
365	-0.0057	0.0033	-0.0269	0.000004	0.000000	0.000009
366	-0.0057	0.0022	-0.0262	0.000002	0.000000	0.000014
367	-0.0057	-0.0003	-0.0251	-0.000002	0.000000	0.000021
368	-0.0057	-0.0031	-0.0238	-0.000007	0.000000	0.000020
369	-0.0057	-0.0045	-0.0231	-0.000009	0.000000	0.000016
370	-0.0057	-0.0056	-0.0225	-0.000009	0.000000	0.000014
371	-0.0051	-0.0056	-0.0218	-0.000010	0.000000	0.000010
372	-0.0044	-0.0047	-0.0217	-0.000013	0.000000	0.000010
373	-0.0037	-0.0037	-0.0215	-0.000013	0.000000	0.000008
374	0.0056	-0.0048	-0.0226	-0.000008	0.000000	-0.000014
375	0.0056	-0.0035	-0.0234	-0.000006	0.000000	-0.000015
376	0.0056	-0.0020	-0.0242	-0.000004	0.000000	-0.000016
377	0.0057	0.0005	-0.0255	-0.000001	0.000000	-0.000016
378	0.0057	0.0024	-0.0266	0.000002	0.000000	-0.000010
379	0.0050	-0.0051	-0.0217	-0.000009	0.000000	-0.000010
380	0.0043	-0.0044	-0.0216	-0.000011	0.000000	-0.000009
381	0.0036	-0.0035	-0.0214	-0.000012	0.000000	-0.000007
382	0.0046	0.0056	-0.0231	0.000007	0.000000	-0.000003
383	0.0046	0.0060	-0.0237	0.000009	0.000000	-0.000006
384	0.0046	0.0066	-0.0243	0.000011	0.000000	-0.000007
385	0.0046	0.0073	-0.0250	0.000017	0.000000	-0.000008
386	0.0039	0.0051	-0.0225	0.000006	-0.000008	0.000004
387	0.0033	0.0046	-0.0225	0.000006	-0.000007	0.000003
388	0.0026	0.0041	-0.0225	0.000005	-0.000007	0.000002
389	0.0040	0.0062	-0.0256	0.000026	0.000015	-0.000004
390	0.0032	0.0047	-0.0255	0.000004	-0.000042	0.000000
391	0.0029	0.0031	-0.0256	0.000037	0.000052	0.000004
392	0.0056	0.0053	-0.0235	0.000000	-0.000017	0.000017
393	0.0049	0.0055	-0.0230	0.000000	-0.000008	0.000010
394	0.0033	0.0046	-0.0239	0.000000	0.000003	-0.000004
395	0.0037	0.0041	-0.0238	0.000000	0.000008	-0.000004
396	0.0041	0.0073	-0.0270	0.000000	-0.000001	-0.000002
397	0.0041	0.0069	-0.0285	0.000000	-0.000002	0.000004
398	0.0038	0.0048	-0.0299	0.000000	-0.000020	0.000006
399	0.0022	0.0033	-0.0297	0.000000	-0.000015	-0.000006
400	0.0002	0.0036	-0.0234	0.000008	0.000000	0.000006
401	0.0002	0.0041	-0.0238	0.000010	0.000000	0.000006
402	0.0003	0.0046	-0.0240	0.000017	0.000000	0.000005
403	0.0003	0.0047	-0.0242	0.000009	0.000000	-0.000003
404	-0.0003	0.0046	-0.0262	0.000002	0.000024	0.000005
405	0.0003	0.0052	-0.0278	0.000000	0.000003	0.000010
406	-0.0009	0.0035	-0.0240	0.000000	0.000020	-0.000002
407	-0.0002	0.0034	-0.0235	0.000000	0.000011	-0.000006
408	0.0053	-0.0097	-0.0290	0.000000	-0.000025	-0.000005
409	0.0040	-0.0087	-0.0300	0.000000	-0.000026	-0.000009
410	0.0016	-0.0075	-0.0299	0.000000	-0.000025	0.000006
411	0.0026	-0.0083	-0.0280	0.000000	-0.000018	-0.000010
412	0.0013	-0.0073	-0.0279	0.000000	-0.000013	-0.000007
413	0.0001	-0.0079	-0.0291	0.000000	0.000009	0.000011
414	0.0007	-0.0071	-0.0280	0.000000	0.000000	0.000010
415	-0.0057	0.0040	-0.0272	0.000000	0.000005	-0.000008
416	-0.0049	0.0041	-0.0267	0.000000	0.000002	-0.000013
417	-0.0037	0.0042	-0.0263	0.000000	0.000000	-0.000015
418	-0.0022	0.0043	-0.0259	0.000000	-0.000003	-0.000016

419	-0.0007	0.0045	-0.0255	0.000000	-0.000005	-0.000016
420	0.0009	0.0046	-0.0251	0.000000	-0.000006	-0.000016
421	0.0022	0.0047	-0.0247	0.000000	-0.000002	-0.000011
422	0.0034	0.0049	-0.0243	0.000000	-0.000008	-0.000011
423	0.0021	-0.0089	-0.0268	0.000000	-0.000015	-0.000018
424	0.0000	-0.0084	-0.0256	0.000000	-0.000009	-0.000020
425	-0.0021	-0.0080	-0.0245	0.000000	-0.000003	-0.000021
426	-0.0041	-0.0076	-0.0235	0.000000	0.000002	-0.000020
427	-0.0057	-0.0072	-0.0225	0.000000	0.000008	-0.000017
428	0.0022	-0.0083	-0.0269	0.000000	-0.000005	0.000017
429	0.0040	-0.0085	-0.0258	0.000000	-0.000009	0.000017
430	0.0059	-0.0088	-0.0248	0.000000	-0.000011	0.000015
431	0.0075	-0.0091	-0.0238	0.000000	-0.000012	0.000011
432	0.0087	-0.0094	-0.0228	0.000000	-0.000014	0.000005
433	0.0081	-0.0089	-0.0218	0.000000	-0.000011	-0.000002
434	0.0073	-0.0080	-0.0218	0.000000	-0.000009	-0.000001
435	0.0065	-0.0071	-0.0217	0.000000	-0.000008	-0.000001
436	0.0089	0.0044	-0.0271	0.000000	-0.000010	-0.000003
437	0.0086	0.0043	-0.0268	0.000000	-0.000011	0.000003
438	0.0078	0.0042	-0.0264	0.000000	-0.000010	0.000008
439	0.0066	0.0041	-0.0260	0.000000	-0.000009	0.000012
440	0.0052	0.0039	-0.0257	0.000000	-0.000007	0.000015
441	0.0036	0.0038	-0.0253	0.000000	-0.000005	0.000016
442	0.0020	0.0037	-0.0250	0.000000	-0.000001	0.000017
443	0.0006	0.0035	-0.0247	0.000000	0.000004	0.000015
444	0.0078	0.0042	-0.0275	0.000004	-0.000008	-0.000009
445	0.0071	0.0039	-0.0274	0.000004	-0.000008	-0.000008
446	0.0064	0.0035	-0.0274	0.000004	-0.000008	-0.000007
447	0.0079	-0.0090	-0.0209	-0.000011	-0.000009	-0.000007
448	0.0071	-0.0081	-0.0209	-0.000011	-0.000008	-0.000005
449	0.0063	-0.0071	-0.0208	-0.000010	-0.000008	-0.000004
450	-0.0059	0.0033	-0.0268	0.000004	0.000000	0.000011
451	-0.0059	0.0020	-0.0261	0.000001	0.000000	0.000016
452	-0.0060	0.0001	-0.0253	-0.000001	0.000000	0.000021
453	-0.0060	-0.0020	-0.0244	-0.000004	0.000000	0.000022
454	-0.0060	-0.0040	-0.0235	-0.000008	0.000000	0.000019
455	-0.0059	-0.0056	-0.0227	-0.000011	0.000000	0.000014
456	0.0086	-0.0078	-0.0228	-0.000011	0.000000	-0.000019
457	0.0086	-0.0057	-0.0236	-0.000007	0.000000	-0.000022
458	0.0086	-0.0034	-0.0244	-0.000005	0.000000	-0.000025
459	0.0086	-0.0010	-0.0252	-0.000002	0.000000	-0.000024
460	0.0086	0.0013	-0.0260	0.000001	0.000000	-0.000022
461	0.0086	0.0032	-0.0267	0.000003	0.000000	-0.000018
462	0.0079	-0.0081	-0.0219	-0.000010	0.000000	-0.000010
463	0.0071	-0.0072	-0.0219	-0.000009	0.000000	-0.000009
464	0.0063	-0.0064	-0.0219	-0.000008	0.000000	-0.000008
465	0.0086	-0.0096	-0.0214	-0.000011	0.000000	-0.000007
466	0.0056	-0.0060	-0.0214	-0.000009	0.000000	-0.000003
467	-0.0024	0.0006	-0.0220	0.000007	0.000000	0.000004
468	-0.0015	0.0012	-0.0222	0.000005	0.000000	-0.000001
469	-0.0006	0.0015	-0.0224	0.000004	0.000000	0.000003
470	-0.0006	0.0012	-0.0228	0.000004	0.000000	0.000009
471	-0.0005	0.0006	-0.0232	0.000005	0.000000	0.000011
472	-0.0013	0.0002	-0.0230	0.000004	0.000000	0.000009
473	-0.0021	-0.0002	-0.0228	0.000004	0.000000	0.000005
474	-0.0021	-0.0007	-0.0236	0.000001	0.000000	0.000006
475	-0.0021	-0.0013	-0.0245	-0.000004	0.000000	0.000007
476	-0.0013	-0.0006	-0.0238	0.000001	0.000000	0.000008
477	-0.0013	-0.0015	-0.0246	0.000002	0.000000	0.000011
478	-0.0006	-0.0013	-0.0247	0.000000	0.000000	0.000008
479	-0.0006	-0.0004	-0.0239	0.000004	0.000000	0.000011
480	-0.0009	0.0016	-0.0224	0.000000	-0.000012	-0.000004
481	-0.0015	0.0016	-0.0228	0.000000	-0.000015	-0.000011
482	-0.0022	0.0007	-0.0220	0.000000	-0.000001	0.000004
483	-0.0018	0.0011	-0.0222	0.000000	-0.000007	-0.000005
484	-0.0021	0.0011	-0.0226	0.000000	0.000002	-0.000001
485	-0.0018	0.0007	-0.0224	0.000000	0.000004	0.000004
486	0.0002	-0.0021	-0.0263	0.000000	0.000002	0.000006
487	-0.0002	-0.0021	-0.0259	0.000000	-0.000016	0.000005
488	-0.0002	-0.0023	-0.0252	0.000000	-0.000004	0.000008
489	0.0000	-0.0023	-0.0258	0.000000	-0.000004	0.000007
490	-0.0006	-0.0024	-0.0257	0.000000	0.000002	0.000007

491	-0.0011	-0.0022	-0.0254	0.000000	-0.000010	0.000012
492	0.0024	-0.0002	-0.0229	0.000004	0.000000	-0.000005
493	0.0019	0.0001	-0.0231	0.000004	0.000000	-0.000007
494	0.0015	0.0006	-0.0234	0.000005	0.000000	-0.000008
495	0.0015	0.0010	-0.0232	0.000004	0.000000	-0.000007
496	0.0015	0.0013	-0.0229	0.000004	0.000000	-0.000004
497	0.0022	0.0010	-0.0227	0.000004	0.000000	-0.000002
498	0.0027	0.0005	-0.0225	0.000006	0.000000	-0.000005
499	0.0024	-0.0014	-0.0240	-0.000001	0.000000	-0.000008
500	0.0024	-0.0008	-0.0234	0.000002	0.000000	-0.000006
501	0.0016	-0.0009	-0.0242	0.000002	0.000000	-0.000008
502	0.0019	-0.0013	-0.0242	0.000005	0.000000	-0.000010
503	0.0019	-0.0005	-0.0236	0.000003	0.000000	-0.000007
504	0.0015	-0.0002	-0.0237	0.000006	0.000000	-0.000008
505	0.0010	-0.0016	-0.0254	0.000001	0.000014	-0.000007
506	0.0004	-0.0016	-0.0260	0.000000	-0.000005	-0.000008
507	0.0013	-0.0023	-0.0249	0.000001	0.000007	-0.000013
508	0.0011	-0.0021	-0.0251	0.000000	-0.000005	-0.000009
509	0.0003	-0.0020	-0.0255	0.000000	0.000002	-0.000009
510	0.0004	-0.0022	-0.0249	0.000000	0.000002	-0.000009
511	0.0021	0.0014	-0.0233	0.000000	0.000012	0.000008
512	0.0017	0.0014	-0.0230	0.000000	0.000009	0.000001
513	0.0020	0.0007	-0.0229	0.000000	-0.000006	-0.000005
514	0.0024	0.0010	-0.0231	0.000000	-0.000004	-0.000001
515	0.0023	0.0010	-0.0228	0.000000	0.000004	0.000003
516	0.0024	0.0007	-0.0226	0.000000	-0.000001	-0.000005
517	0.0005	-0.0017	-0.0278	0.000000	0.000001	-0.000005
518	0.0004	-0.0008	-0.0274	0.000000	-0.000002	-0.000004
519	0.0002	0.0000	-0.0270	0.000000	-0.000002	-0.000003
520	0.0001	-0.0016	-0.0279	0.000000	-0.000003	0.000004
521	0.0000	-0.0007	-0.0275	0.000000	0.000000	0.000004
522	-0.0001	0.0001	-0.0271	0.000000	-0.000001	0.000004
523	-0.0011	0.0008	-0.0233	0.000000	0.000010	0.000005
524	-0.0017	0.0012	-0.0235	0.000000	0.000006	0.000004
525	-0.0014	0.0017	-0.0237	0.000000	-0.000014	0.000009
526	-0.0008	0.0008	-0.0238	0.000000	0.000010	0.000002
527	-0.0013	0.0012	-0.0240	0.000000	0.000001	0.000004
528	-0.0011	0.0017	-0.0242	0.000000	-0.000004	-0.000003
529	-0.0006	0.0008	-0.0244	0.000000	0.000008	0.000001
530	-0.0012	0.0013	-0.0245	0.000000	0.000004	-0.000002
531	-0.0014	0.0017	-0.0247	0.000000	0.000001	-0.000002
532	-0.0007	0.0008	-0.0249	0.000000	0.000009	-0.000001
533	-0.0013	0.0013	-0.0250	0.000000	0.000006	-0.000002
534	-0.0017	0.0017	-0.0252	0.000000	0.000003	-0.000004
535	-0.0008	0.0008	-0.0253	0.000000	0.000010	-0.000001
536	-0.0015	0.0013	-0.0255	0.000000	0.000007	-0.000002
537	-0.0021	0.0017	-0.0256	0.000000	0.000006	-0.000004
538	-0.0024	0.0017	-0.0261	0.000000	0.000007	-0.000003
539	-0.0026	0.0018	-0.0266	0.000000	0.000008	-0.000001
540	-0.0009	0.0009	-0.0258	0.000000	0.000010	-0.000001
541	-0.0017	0.0013	-0.0260	0.000000	0.000009	-0.000002
542	-0.0019	0.0013	-0.0265	0.000000	0.000009	-0.000001
543	-0.0010	0.0009	-0.0263	0.000000	0.000011	-0.000001
544	0.0002	-0.0016	-0.0270	-0.000011	0.000000	0.000000
545	0.0002	-0.0006	-0.0268	-0.000010	0.000000	-0.000001
546	0.0001	0.0001	-0.0266	-0.000007	0.000000	-0.000001
547	-0.0004	0.0000	-0.0217	0.000000	0.000006	-0.000001
548	-0.0010	-0.0009	-0.0219	0.000000	0.000007	-0.000003
549	-0.0016	-0.0018	-0.0220	0.000000	0.000007	-0.000004
550	-0.0003	0.0000	-0.0228	0.000000	0.000004	-0.000001
551	-0.0007	-0.0009	-0.0229	0.000000	0.000005	-0.000003
552	-0.0012	-0.0018	-0.0230	0.000000	0.000006	-0.000005
553	-0.0002	0.0000	-0.0238	0.000000	0.000003	-0.000001
554	-0.0005	-0.0009	-0.0239	0.000000	0.000003	-0.000003
555	-0.0008	-0.0018	-0.0240	0.000000	0.000004	-0.000005
556	-0.0004	-0.0018	-0.0250	0.000000	0.000002	-0.000004
557	0.0000	-0.0017	-0.0260	0.000000	0.000000	-0.000003
558	-0.0001	0.0000	-0.0248	0.000000	0.000001	-0.000001
559	-0.0002	-0.0009	-0.0249	0.000000	0.000002	-0.000002
560	-0.0001	-0.0008	-0.0259	0.000000	0.000000	-0.000002
561	0.0000	0.0000	-0.0257	0.000000	0.000001	0.000000
562	0.0001	0.0001	-0.0259	0.000000	-0.000002	0.000000

563	0.0003	-0.0008	-0.0260	0.000000	-0.000002	0.000001
564	0.0005	-0.0017	-0.0262	0.000000	-0.000001	0.000002
565	0.0002	0.0000	-0.0249	0.000000	-0.000003	0.000001
566	0.0004	-0.0008	-0.0251	0.000000	-0.000003	0.000002
567	0.0007	-0.0017	-0.0252	0.000000	-0.000003	0.000003
568	0.0003	0.0000	-0.0239	0.000000	-0.000004	0.000001
569	0.0006	-0.0008	-0.0241	0.000000	-0.000004	0.000002
570	0.0010	-0.0017	-0.0242	0.000000	-0.000005	0.000004
571	0.0014	-0.0018	-0.0232	0.000000	-0.000007	0.000004
572	0.0017	-0.0017	-0.0221	0.000000	-0.000008	0.000003
573	0.0004	0.0001	-0.0229	0.000000	-0.000005	0.000001
574	0.0009	-0.0008	-0.0230	0.000000	-0.000006	0.000002
575	0.0011	-0.0008	-0.0220	0.000000	-0.000007	0.000002
576	0.0005	0.0001	-0.0218	0.000000	-0.000006	0.000001
577	0.0009	0.0009	-0.0262	0.000000	-0.000011	0.000000
578	0.0018	0.0012	-0.0263	0.000000	-0.000009	0.000000
579	0.0026	0.0016	-0.0265	0.000000	-0.000009	0.000000
580	0.0009	0.0008	-0.0258	0.000000	-0.000011	0.000001
581	0.0018	0.0012	-0.0259	0.000000	-0.000009	0.000001
582	0.0025	0.0016	-0.0261	0.000000	-0.000008	0.000001
583	0.0008	0.0008	-0.0254	0.000000	-0.000010	0.000001
584	0.0016	0.0012	-0.0255	0.000000	-0.000009	0.000002
585	0.0023	0.0015	-0.0257	0.000000	-0.000008	0.000002
586	0.0007	0.0008	-0.0250	0.000000	-0.000010	0.000001
587	0.0015	0.0012	-0.0251	0.000000	-0.000008	0.000001
588	0.0021	0.0015	-0.0253	0.000000	-0.000006	0.000003
589	0.0007	0.0008	-0.0246	0.000000	-0.000009	-0.000001
590	0.0013	0.0012	-0.0247	0.000000	-0.000006	0.000001
591	0.0018	0.0015	-0.0249	0.000000	-0.000004	0.000002
592	0.0015	0.0015	-0.0245	0.000000	0.000001	0.000003
593	0.0018	0.0015	-0.0241	0.000000	0.000010	-0.000009
594	0.0008	0.0008	-0.0241	0.000000	-0.000011	-0.000002
595	0.0014	0.0011	-0.0243	0.000000	-0.000004	-0.000004
596	0.0019	0.0011	-0.0239	0.000000	-0.000008	-0.000004
597	0.0011	0.0008	-0.0237	0.000000	-0.000011	-0.000004
598	-0.0010	0.0006	-0.0249	0.000004	0.000000	0.000002
599	-0.0019	0.0009	-0.0253	0.000003	0.000000	0.000003
600	-0.0027	0.0012	-0.0256	0.000002	0.000000	0.000006
601	-0.0026	0.0006	-0.0251	0.000000	0.000000	0.000008
602	-0.0025	-0.0001	-0.0241	-0.000002	0.000000	0.000008
603	-0.0016	0.0000	-0.0238	-0.000002	0.000000	0.000004
604	-0.0008	0.0002	-0.0235	-0.000001	0.000000	0.000001
605	-0.0010	0.0008	-0.0259	0.000005	0.000000	0.000002
606	-0.0018	0.0012	-0.0261	0.000004	0.000000	0.000003
607	-0.0026	0.0016	-0.0263	0.000004	0.000000	0.000003
608	-0.0007	0.0001	-0.0228	-0.000003	0.000000	0.000001
609	-0.0007	0.0000	-0.0222	-0.000005	0.000000	0.000001
610	-0.0007	0.0000	-0.0216	-0.000007	0.000000	0.000000
611	-0.0015	-0.0007	-0.0217	-0.000008	0.000000	0.000002
612	-0.0023	-0.0014	-0.0219	-0.000009	0.000000	0.000004
613	-0.0015	-0.0002	-0.0231	-0.000004	0.000000	0.000004
614	-0.0015	-0.0005	-0.0224	-0.000006	0.000000	0.000003
615	-0.0023	-0.0011	-0.0226	-0.000007	0.000000	0.000006
616	-0.0024	-0.0006	-0.0233	-0.000005	0.000000	0.000006
617	-0.0022	-0.0018	-0.0206	-0.000011	0.000000	0.000001
618	-0.0014	-0.0008	-0.0205	-0.000010	0.000000	0.000000
619	-0.0007	0.0000	-0.0203	-0.000010	0.000000	0.000000
620	0.0007	0.0002	-0.0235	-0.000002	0.000000	-0.000001
621	0.0015	0.0000	-0.0238	-0.000002	0.000000	-0.000004
622	0.0024	-0.0002	-0.0241	-0.000002	0.000000	-0.000007
623	0.0025	0.0005	-0.0250	0.000000	0.000000	-0.000008
624	0.0026	0.0010	-0.0255	0.000001	0.000000	-0.000005
625	0.0018	0.0009	-0.0251	0.000003	0.000000	-0.000003
626	0.0009	0.0006	-0.0248	0.000003	0.000000	-0.000002
627	0.0021	-0.0014	-0.0219	-0.000009	0.000000	-0.000004
628	0.0014	-0.0006	-0.0217	-0.000008	0.000000	-0.000002
629	0.0006	0.0001	-0.0216	-0.000007	0.000000	0.000000
630	0.0006	0.0001	-0.0222	-0.000005	0.000000	0.000000
631	0.0007	0.0001	-0.0229	-0.000003	0.000000	-0.000001
632	0.0022	-0.0010	-0.0226	-0.000007	0.000000	-0.000005
633	0.0014	-0.0005	-0.0224	-0.000006	0.000000	-0.000002
634	0.0014	-0.0002	-0.0231	-0.000004	0.000000	-0.000003

635	0.0022	-0.0006	-0.0233	-0.000005	0.000000	-0.000005
636	0.0028	0.0007	-0.0252	0.000000	0.000000	-0.000007
637	0.0028	0.0009	-0.0254	0.000001	0.000000	-0.000006
638	0.0009	0.0008	-0.0257	0.000004	0.000000	-0.000002
639	0.0018	0.0011	-0.0259	0.000003	0.000000	-0.000003
640	0.0025	0.0014	-0.0261	0.000003	0.000000	-0.000003
641	0.0021	-0.0017	-0.0206	-0.000011	0.000000	-0.000001
642	0.0013	-0.0008	-0.0205	-0.000010	0.000000	-0.000001
643	0.0006	0.0001	-0.0204	-0.000010	0.000000	0.000000
644	0.0006	0.0024	-0.0225	0.000006	0.000000	0.000001
645	0.0011	0.0029	-0.0226	0.000005	0.000000	0.000001
646	0.0017	0.0033	-0.0227	0.000005	0.000000	0.000002
647	0.0017	0.0031	-0.0232	0.000006	0.000000	0.000004
648	0.0017	0.0029	-0.0236	0.000008	0.000000	0.000005
649	0.0012	0.0021	-0.0236	0.000009	0.000000	0.000007
650	0.0006	0.0014	-0.0235	0.000006	0.000000	0.000009
651	0.0006	0.0005	-0.0241	0.000009	0.000000	0.000011
652	0.0007	-0.0004	-0.0248	0.000005	0.000000	0.000009
653	0.0011	0.0013	-0.0242	0.000010	0.000000	0.000008
654	0.0011	0.0004	-0.0249	0.000017	0.000000	0.000009
655	0.0014	0.0016	-0.0249	0.000011	0.000000	0.000007
656	0.0015	0.0021	-0.0242	0.000011	0.000000	0.000005
657	0.0015	0.0033	-0.0229	0.000000	-0.000007	-0.000002
658	0.0008	0.0032	-0.0233	0.000000	-0.000009	-0.000013
659	0.0007	0.0024	-0.0227	0.000000	-0.000005	0.000003
660	0.0011	0.0029	-0.0228	0.000000	-0.000004	-0.000001
661	0.0010	0.0028	-0.0232	0.000000	0.000013	-0.000001
662	0.0013	0.0024	-0.0231	0.000000	-0.000008	0.000012
663	0.0015	0.0008	-0.0279	0.000000	-0.000002	0.000001
664	0.0014	0.0008	-0.0267	0.000000	-0.000020	0.000001
665	0.0007	-0.0009	-0.0272	0.000000	-0.000002	-0.000004
666	0.0011	-0.0001	-0.0276	0.000000	-0.000008	-0.000001
667	0.0012	-0.0002	-0.0266	0.000000	0.000012	-0.000001
668	0.0010	-0.0010	-0.0264	0.000000	-0.000019	-0.000002
669	0.0009	0.0016	-0.0236	0.000008	0.000000	-0.000004
670	0.0007	0.0024	-0.0237	0.000010	0.000000	-0.000001
671	0.0005	0.0033	-0.0237	0.000010	0.000000	0.000003
672	0.0005	0.0031	-0.0235	0.000009	0.000000	0.000005
673	0.0005	0.0029	-0.0232	0.000006	0.000000	0.000001
674	0.0007	0.0024	-0.0231	0.000005	0.000000	-0.000003
675	0.0009	0.0020	-0.0230	0.000004	0.000000	-0.000003
676	0.0008	0.0004	-0.0243	0.000007	0.000000	-0.000006
677	0.0009	0.0011	-0.0239	0.000012	0.000000	-0.000007
678	0.0007	0.0030	-0.0244	0.000014	0.000000	-0.000005
679	0.0007	0.0016	-0.0244	0.000021	0.000000	-0.000006
680	0.0007	0.0021	-0.0240	0.000013	0.000000	-0.000003
681	0.0005	0.0032	-0.0240	0.000015	0.000000	0.000002
682	0.0006	0.0023	-0.0261	0.000002	0.000021	0.000000
683	0.0006	0.0023	-0.0276	0.000000	-0.000005	0.000000
684	0.0004	0.0000	-0.0258	0.000001	0.000016	0.000000
685	0.0006	0.0011	-0.0260	-0.000001	-0.000015	0.000000
686	0.0006	0.0011	-0.0273	0.000000	0.000005	0.000001
687	0.0007	0.0001	-0.0269	0.000000	-0.000002	0.000004
688	0.0008	0.0028	-0.0239	0.000000	0.000003	0.000008
689	0.0005	0.0028	-0.0235	0.000000	0.000001	-0.000001
690	-0.0001	0.0021	-0.0236	0.000000	0.000004	-0.000013
691	0.0003	0.0025	-0.0237	0.000000	-0.000014	-0.000001
692	0.0005	0.0025	-0.0234	0.000000	0.000000	-0.000003
693	0.0006	0.0021	-0.0233	0.000000	0.000002	-0.000006
694	0.0009	-0.0053	-0.0287	0.000000	0.000000	-0.000004
695	0.0007	-0.0045	-0.0285	0.000000	-0.000005	-0.000002
696	0.0004	-0.0036	-0.0283	0.000000	-0.000001	0.000001
697	0.0005	-0.0052	-0.0289	0.000000	-0.000003	0.000000
698	0.0005	-0.0044	-0.0287	0.000000	0.000002	-0.000002
699	0.0006	-0.0035	-0.0285	0.000000	-0.000002	-0.000004
700	0.0008	0.0025	-0.0240	0.000000	-0.000006	-0.000016
701	0.0005	0.0029	-0.0241	0.000000	0.000011	-0.000006
702	0.0003	0.0032	-0.0242	0.000000	-0.000008	0.000006
703	-0.0005	0.0025	-0.0244	0.000000	-0.000003	-0.000008
704	-0.0002	0.0029	-0.0245	0.000000	-0.000004	-0.000008
705	0.0001	0.0033	-0.0246	0.000000	-0.000003	-0.000009
706	-0.0012	0.0025	-0.0249	0.000000	-0.000002	-0.000008

707	-0.0011	0.0029	-0.0250	0.000000	-0.000002	-0.000010
708	-0.0009	0.0033	-0.0251	0.000000	-0.000003	-0.000011
709	-0.0021	0.0025	-0.0254	0.000000	0.000001	-0.000008
710	-0.0021	0.0029	-0.0255	0.000000	0.000000	-0.000010
711	-0.0020	0.0033	-0.0256	0.000000	-0.000001	-0.000012
712	-0.0028	0.0025	-0.0259	0.000000	0.000003	-0.000007
713	-0.0030	0.0029	-0.0260	0.000000	0.000002	-0.000009
714	-0.0031	0.0033	-0.0260	0.000000	0.000001	-0.000011
715	-0.0042	0.0033	-0.0265	0.000000	0.000004	-0.000009
716	-0.0049	0.0033	-0.0270	0.000000	0.000006	-0.000005
717	-0.0035	0.0026	-0.0264	0.000000	0.000005	-0.000005
718	-0.0038	0.0029	-0.0264	0.000000	0.000005	-0.000007
719	-0.0044	0.0029	-0.0269	0.000000	0.000007	-0.000004
720	-0.0038	0.0026	-0.0268	0.000000	0.000007	-0.000002
721	0.0006	-0.0051	-0.0276	-0.000011	0.000000	0.000000
722	0.0005	-0.0043	-0.0276	-0.000011	0.000000	0.000000
723	0.0004	-0.0035	-0.0274	-0.000011	0.000000	0.000000
724	-0.0029	-0.0036	-0.0222	0.000000	0.000008	-0.000007
725	-0.0035	-0.0045	-0.0223	0.000000	0.000008	-0.000007
726	-0.0042	-0.0053	-0.0224	0.000000	0.000009	-0.000008
727	-0.0022	-0.0036	-0.0232	0.000000	0.000006	-0.000008
728	-0.0027	-0.0045	-0.0233	0.000000	0.000007	-0.000009
729	-0.0032	-0.0053	-0.0234	0.000000	0.000006	-0.000012
730	-0.0015	-0.0036	-0.0243	0.000000	0.000004	-0.000008
731	-0.0018	-0.0045	-0.0243	0.000000	0.000004	-0.000010
732	-0.0021	-0.0053	-0.0244	0.000000	0.000003	-0.000012
733	-0.0010	-0.0053	-0.0255	0.000000	0.000001	-0.000011
734	-0.0001	-0.0053	-0.0265	0.000000	0.000000	-0.000009
735	-0.0007	-0.0036	-0.0253	0.000000	0.000002	-0.000008
736	-0.0009	-0.0044	-0.0254	0.000000	0.000002	-0.000010
737	0.0000	-0.0044	-0.0264	0.000000	0.000001	-0.000008
738	0.0000	-0.0036	-0.0263	0.000000	0.000000	-0.000006
739	0.0007	-0.0035	-0.0265	0.000000	-0.000002	0.000005
740	0.0009	-0.0044	-0.0266	0.000000	-0.000002	0.000006
741	0.0011	-0.0053	-0.0267	0.000000	-0.000003	0.000008
742	0.0013	-0.0035	-0.0254	0.000000	-0.000004	0.000007
743	0.0016	-0.0044	-0.0255	0.000000	-0.000005	0.000009
744	0.0020	-0.0053	-0.0256	0.000000	-0.000006	0.000011
745	0.0019	-0.0035	-0.0244	0.000000	-0.000006	0.000007
746	0.0024	-0.0044	-0.0245	0.000000	-0.000007	0.000009
747	0.0030	-0.0053	-0.0246	0.000000	-0.000008	0.000011
748	0.0040	-0.0053	-0.0236	0.000000	-0.000009	0.000010
749	0.0047	-0.0053	-0.0226	0.000000	-0.000011	0.000006
750	0.0026	-0.0036	-0.0234	0.000000	-0.000008	0.000007
751	0.0033	-0.0044	-0.0235	0.000000	-0.000009	0.000008
752	0.0039	-0.0044	-0.0225	0.000000	-0.000010	0.000006
753	0.0032	-0.0036	-0.0224	0.000000	-0.000010	0.000005
754	0.0040	0.0022	-0.0267	0.000000	-0.000008	0.000000
755	0.0046	0.0025	-0.0268	0.000000	-0.000009	0.000000
756	0.0053	0.0028	-0.0269	0.000000	-0.000009	0.000000
757	0.0039	0.0022	-0.0263	0.000000	-0.000008	0.000002
758	0.0045	0.0025	-0.0264	0.000000	-0.000008	0.000003
759	0.0051	0.0028	-0.0265	0.000000	-0.000008	0.000004
760	0.0035	0.0022	-0.0259	0.000000	-0.000007	0.000005
761	0.0041	0.0025	-0.0260	0.000000	-0.000007	0.000006
762	0.0046	0.0028	-0.0261	0.000000	-0.000007	0.000007
763	0.0030	0.0022	-0.0255	0.000000	-0.000005	0.000006
764	0.0034	0.0025	-0.0256	0.000000	-0.000006	0.000008
765	0.0038	0.0028	-0.0257	0.000000	-0.000006	0.000009
766	0.0023	0.0022	-0.0251	0.000000	-0.000003	0.000007
767	0.0026	0.0025	-0.0252	0.000000	-0.000004	0.000009
768	0.0029	0.0028	-0.0253	0.000000	-0.000004	0.000010
769	0.0019	0.0028	-0.0249	0.000000	-0.000005	0.000010
770	0.0014	0.0028	-0.0246	0.000000	-0.000001	0.000000
771	0.0015	0.0022	-0.0247	0.000000	-0.000001	0.000008
772	0.0016	0.0025	-0.0248	0.000000	-0.000003	0.000010
773	0.0008	0.0025	-0.0245	0.000000	-0.000014	0.000007
774	0.0003	0.0022	-0.0244	0.000000	0.000003	0.000016
775	-0.0032	0.0002	-0.0247	-0.000001	0.000000	0.000010
776	-0.0032	0.0008	-0.0252	0.000001	0.000000	0.000009
777	-0.0039	0.0009	-0.0253	0.000001	0.000000	0.000010
778	-0.0047	0.0009	-0.0254	0.000000	0.000000	0.000012

779	-0.0054	0.0008	-0.0255	-0.000001	0.000000	0.000017
780	-0.0054	-0.0002	-0.0251	-0.000003	0.000000	0.000021
781	-0.0054	-0.0014	-0.0245	-0.000003	0.000000	0.000020
782	-0.0047	-0.0010	-0.0243	-0.000004	0.000000	0.000015
783	-0.0039	-0.0007	-0.0242	-0.000005	0.000000	0.000013
784	-0.0032	-0.0003	-0.0241	-0.000003	0.000000	0.000010
785	-0.0038	-0.0023	-0.0229	-0.000009	0.000000	0.000010
786	-0.0044	-0.0030	-0.0230	-0.000009	0.000000	0.000012
787	-0.0051	-0.0038	-0.0231	-0.000009	0.000000	0.000015
788	-0.0046	-0.0021	-0.0237	-0.000007	0.000000	0.000015
789	-0.0039	-0.0016	-0.0236	-0.000007	0.000000	0.000012
790	-0.0046	0.0019	-0.0261	0.000003	0.000000	0.000011
791	-0.0045	0.0026	-0.0267	0.000004	0.000000	0.000007
792	-0.0039	0.0023	-0.0266	0.000004	0.000000	0.000006
793	-0.0039	0.0017	-0.0260	0.000003	0.000000	0.000009
794	-0.0051	-0.0048	-0.0224	-0.000012	0.000000	0.000011
795	-0.0044	-0.0039	-0.0223	-0.000011	0.000000	0.000010
796	-0.0038	-0.0031	-0.0222	-0.000011	0.000000	0.000008
797	-0.0052	-0.0026	-0.0238	-0.000007	0.000000	0.000017
798	-0.0033	-0.0008	-0.0238	-0.000004	0.000000	0.000010
799	-0.0035	-0.0009	-0.0238	-0.000005	0.000000	0.000011
800	-0.0051	0.0030	-0.0268	0.000004	0.000000	0.000008
801	-0.0052	0.0021	-0.0262	0.000002	0.000000	0.000012
802	-0.0034	0.0011	-0.0255	0.000002	0.000000	0.000009
803	0.0038	0.0000	-0.0248	-0.000002	0.000000	-0.000011
804	0.0046	-0.0002	-0.0249	-0.000002	0.000000	-0.000013
805	0.0053	-0.0004	-0.0250	-0.000002	0.000000	-0.000016
806	0.0053	0.0005	-0.0255	-0.000001	0.000000	-0.000016
807	0.0054	0.0013	-0.0259	-0.000001	0.000000	-0.000013
808	0.0046	0.0013	-0.0257	0.000000	0.000000	-0.000008
809	0.0039	0.0012	-0.0256	0.000002	0.000000	-0.000007
810	0.0046	0.0019	-0.0262	0.000002	0.000000	-0.000008
811	0.0045	0.0023	-0.0267	0.000003	0.000000	-0.000006
812	0.0053	0.0022	-0.0265	0.000002	0.000000	-0.000009
813	0.0049	0.0020	-0.0263	0.000002	0.000000	-0.000009
814	0.0053	0.0018	-0.0262	0.000001	0.000000	-0.000011
815	0.0050	-0.0031	-0.0232	-0.000007	0.000000	-0.000013
816	0.0043	-0.0027	-0.0231	-0.000007	0.000000	-0.000011
817	0.0037	-0.0022	-0.0229	-0.000007	0.000000	-0.000009
818	0.0045	-0.0011	-0.0243	-0.000004	0.000000	-0.000013
819	0.0044	-0.0019	-0.0237	-0.000006	0.000000	-0.000012
820	0.0053	-0.0017	-0.0242	-0.000004	0.000000	-0.000015
821	0.0049	-0.0014	-0.0243	-0.000004	0.000000	-0.000014
822	0.0038	0.0020	-0.0265	0.000003	0.000000	-0.000005
823	0.0038	0.0016	-0.0260	0.000002	0.000000	-0.000007
824	0.0049	0.0025	-0.0268	0.000003	0.000000	-0.000007
825	0.0053	0.0027	-0.0269	0.000003	0.000000	-0.000007
826	0.0050	0.0017	-0.0261	0.000001	0.000000	-0.000010
827	0.0056	0.0019	-0.0262	0.000001	0.000000	-0.000012
828	0.0036	-0.0029	-0.0222	-0.000009	0.000000	-0.000008
829	0.0043	-0.0035	-0.0223	-0.000009	0.000000	-0.000009
830	0.0050	-0.0042	-0.0225	-0.000009	0.000000	-0.000011
831	0.0038	-0.0007	-0.0242	-0.000004	0.000000	-0.000011
832	0.0037	-0.0015	-0.0236	-0.000006	0.000000	-0.000010
833	0.0048	-0.0021	-0.0237	-0.000005	0.000000	-0.000013
834	0.0026	0.0037	-0.0242	0.000010	0.000000	0.000001
835	0.0033	0.0046	-0.0243	0.000010	0.000000	-0.000001
836	0.0039	0.0056	-0.0243	0.000012	0.000000	-0.000005
837	0.0033	0.0044	-0.0231	0.000006	0.000000	0.000000
838	0.0033	0.0045	-0.0237	0.000008	0.000000	-0.000001
839	0.0027	0.0039	-0.0231	0.000006	0.000000	0.000001
840	0.0039	0.0059	-0.0249	0.000012	0.000000	-0.000003
841	0.0033	0.0047	-0.0249	0.000016	0.000000	-0.000001
842	0.0027	0.0035	-0.0249	0.000008	0.000000	0.000004
843	0.0039	0.0050	-0.0231	0.000007	0.000000	-0.000002
844	0.0039	0.0052	-0.0237	0.000009	0.000000	-0.000004
845	0.0026	0.0038	-0.0237	0.000007	0.000000	0.000001
846	0.0022	0.0037	-0.0228	0.000005	0.000000	0.000003
847	0.0035	0.0046	-0.0229	0.000000	-0.000008	0.000004
848	0.0037	0.0046	-0.0232	0.000000	-0.000006	0.000003
849	0.0037	0.0046	-0.0236	0.000000	-0.000002	-0.000006
850	0.0035	0.0041	-0.0235	0.000000	-0.000004	0.000009

851	0.0031	0.0041	-0.0232	0.000000	-0.000008	0.000005
852	0.0028	0.0041	-0.0228	0.000000	-0.000008	0.000004
853	0.0029	0.0039	-0.0234	0.000000	-0.000014	0.000008
854	0.0042	0.0050	-0.0230	0.000000	-0.000009	0.000007
855	0.0044	0.0049	-0.0233	0.000000	-0.000015	0.000002
856	0.0042	0.0049	-0.0236	0.000000	-0.000015	-0.000002
857	0.0026	0.0038	-0.0232	0.000000	-0.000013	0.000004
858	0.0035	0.0048	-0.0288	0.000000	-0.000010	0.000003
859	0.0034	0.0047	-0.0277	0.000000	-0.000007	0.000001
860	0.0033	0.0047	-0.0266	0.000000	-0.000002	0.000001
861	0.0032	0.0032	-0.0266	0.000000	-0.000005	0.000001
862	0.0028	0.0032	-0.0276	0.000000	-0.000006	-0.000011
863	0.0024	0.0033	-0.0287	0.000000	-0.000013	-0.000002
864	0.0030	0.0025	-0.0267	0.000000	0.000011	-0.000018
865	0.0038	0.0061	-0.0264	0.000000	-0.000009	-0.000004
866	0.0023	0.0025	-0.0278	0.000000	-0.000010	-0.000005
867	0.0018	0.0026	-0.0287	0.000000	-0.000011	-0.000012
868	0.0003	0.0033	-0.0232	0.000007	0.000000	0.000003
869	0.0033	-0.0085	-0.0290	0.000000	-0.000021	-0.000003
870	0.0017	-0.0074	-0.0289	0.000000	-0.000014	-0.000001
871	0.0005	-0.0069	-0.0290	0.000000	0.000007	-0.000005
872	-0.0021	0.0040	-0.0258	0.000000	-0.000002	-0.000015
873	-0.0047	0.0039	-0.0267	0.000000	0.000003	-0.000012
874	-0.0055	0.0038	-0.0271	0.000000	0.000005	-0.000008
875	-0.0006	0.0041	-0.0254	0.000000	-0.000004	-0.000014
876	0.0007	0.0041	-0.0250	0.000000	-0.000006	-0.000013
877	0.0030	0.0045	-0.0243	0.000000	0.000001	-0.000007
878	0.0021	0.0042	-0.0246	0.000000	-0.000008	-0.000015
879	0.0029	0.0041	-0.0241	0.000000	-0.000011	-0.000019
880	-0.0034	0.0039	-0.0262	0.000000	0.000000	-0.000014
881	0.0007	-0.0075	-0.0267	0.000000	-0.000011	-0.000012
882	0.0018	-0.0082	-0.0271	0.000000	-0.000015	-0.000014
883	0.0062	-0.0070	-0.0227	0.000000	-0.000008	0.000006
884	0.0069	-0.0078	-0.0227	0.000000	-0.000010	0.000005
885	0.0077	-0.0086	-0.0228	0.000000	-0.000012	0.000005
886	0.0053	-0.0069	-0.0237	0.000000	-0.000010	0.000011
887	0.0060	-0.0077	-0.0237	0.000000	-0.000010	0.000011
888	0.0067	-0.0084	-0.0238	0.000000	-0.000011	0.000011
889	0.0041	-0.0069	-0.0247	0.000000	-0.000008	0.000013
890	0.0046	-0.0075	-0.0247	0.000000	-0.000009	0.000014
891	0.0052	-0.0082	-0.0247	0.000000	-0.000010	0.000015
892	0.0035	-0.0079	-0.0258	0.000000	-0.000008	0.000016
893	0.0019	-0.0075	-0.0268	0.000000	-0.000004	0.000013
894	0.0029	-0.0067	-0.0256	0.000000	-0.000007	0.000013
895	0.0031	-0.0073	-0.0257	0.000000	-0.000007	0.000014
896	0.0017	-0.0069	-0.0268	0.000000	-0.000005	0.000012
897	0.0020	-0.0066	-0.0264	0.000000	-0.000005	0.000012
898	0.0082	0.0041	-0.0271	0.000000	-0.000009	-0.000002
899	0.0074	0.0038	-0.0270	0.000000	-0.000009	-0.000001
900	0.0067	0.0035	-0.0270	0.000000	-0.000009	-0.000001
901	0.0079	0.0040	-0.0267	0.000000	-0.000010	0.000004
902	0.0071	0.0037	-0.0267	0.000000	-0.000009	0.000004
903	0.0064	0.0034	-0.0266	0.000000	-0.000009	0.000004
904	0.0071	0.0039	-0.0263	0.000000	-0.000009	0.000008
905	0.0064	0.0037	-0.0263	0.000000	-0.000009	0.000008
906	0.0058	0.0034	-0.0262	0.000000	-0.000008	0.000008
907	0.0060	0.0038	-0.0260	0.000000	-0.000008	0.000012
908	0.0054	0.0036	-0.0259	0.000000	-0.000007	0.000011
909	0.0048	0.0034	-0.0258	0.000000	-0.000007	0.000011
910	0.0046	0.0037	-0.0256	0.000000	-0.000006	0.000014
911	0.0041	0.0035	-0.0255	0.000000	-0.000005	0.000013
912	0.0037	0.0033	-0.0255	0.000000	-0.000005	0.000012
913	0.0033	0.0036	-0.0253	0.000000	-0.000004	0.000015
914	0.0029	0.0035	-0.0252	0.000000	-0.000002	0.000014
915	0.0025	0.0033	-0.0251	0.000000	-0.000001	0.000012
916	0.0011	0.0034	-0.0248	0.000000	0.000006	0.000014
917	0.0017	0.0035	-0.0249	0.000000	0.000001	0.000015
918	0.0023	0.0036	-0.0251	0.000000	-0.000001	0.000016
919	0.0062	-0.0006	-0.0250	-0.000002	0.000000	-0.000018
920	0.0068	-0.0007	-0.0251	-0.000002	0.000000	-0.000020
921	0.0074	-0.0008	-0.0251	-0.000002	0.000000	-0.000021
922	0.0080	-0.0009	-0.0251	-0.000002	0.000000	-0.000023

923	0.0080	-0.0052	-0.0235	-0.000007	0.000000	-0.000021
924	0.0074	-0.0047	-0.0235	-0.000006	0.000000	-0.000019
925	0.0068	-0.0043	-0.0235	-0.000006	0.000000	-0.000017
926	0.0062	-0.0039	-0.0234	-0.000006	0.000000	-0.000017
927	0.0070	-0.0064	-0.0224	-0.000008	0.000000	-0.000012
928	0.0069	-0.0054	-0.0229	-0.000007	0.000000	-0.000015
929	0.0063	-0.0052	-0.0228	-0.000006	0.000000	-0.000014
930	0.0063	-0.0059	-0.0223	-0.000007	0.000000	-0.000011
931	0.0063	0.0007	-0.0256	-0.000001	0.000000	-0.000017
932	0.0063	0.0018	-0.0262	0.000001	0.000000	-0.000015
933	0.0064	0.0028	-0.0267	0.000002	0.000000	-0.000011
934	0.0071	0.0030	-0.0268	0.000003	0.000000	-0.000013
935	0.0078	0.0031	-0.0268	0.000002	0.000000	-0.000015
936	0.0069	0.0006	-0.0256	-0.000001	0.000000	-0.000019
937	0.0070	0.0018	-0.0262	0.000001	0.000000	-0.000017
938	0.0078	0.0018	-0.0261	0.000001	0.000000	-0.000019
939	0.0075	0.0005	-0.0256	-0.000001	0.000000	-0.000020
940	0.0080	0.0003	-0.0256	-0.000001	0.000000	-0.000022
941	0.0080	-0.0031	-0.0243	-0.000004	0.000000	-0.000023
942	0.0074	-0.0028	-0.0243	-0.000004	0.000000	-0.000021
943	0.0068	-0.0026	-0.0243	-0.000004	0.000000	-0.000020
944	0.0062	-0.0023	-0.0242	-0.000004	0.000000	-0.000018
945	0.0080	-0.0069	-0.0228	-0.000010	0.000000	-0.000016
946	0.0074	-0.0060	-0.0229	-0.000008	0.000000	-0.000016
947	0.0074	-0.0069	-0.0224	-0.000009	0.000000	-0.000013
948	0.0079	-0.0086	-0.0214	-0.000010	0.000000	-0.000007
949	0.0071	-0.0077	-0.0214	-0.000010	0.000000	-0.000007
950	0.0063	-0.0068	-0.0214	-0.000010	0.000000	-0.000005

4.1.2.2 Sollecitazioni

Tabella 4.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	-173.39	-36.55	-210.48	-362.32	-173.32	-107.07
			20	-186.43	-36.55	-259.52	-180.04	-151.79	-108.14
			40	-199.48	-36.55	-272.03	2.92	-130.11	-108.54
2	Fond.	1, 2	0	-287.37	-41.10	-272.07	-405.76	-131.97	-99.27
			28	-305.35	-41.10	-341.73	-152.82	-104.70	-98.90
			55	-323.36	-41.09	-341.56	102.11	-77.66	-97.66
3	Fond.	1, 2	0	-319.80	-41.09	-341.56	102.11	-77.66	-97.66
			28	-337.86	-41.09	-270.95	359.50	-51.06	-95.70
			55	-355.97	-41.09	-129.14	619.77	-25.08	-93.15
4	Fond.	1, 2	0	-154.34	-44.21	-129.30	-242.99	-22.05	-72.73
			46	-184.48	-44.21	-128.28	196.37	9.99	-67.33
			91	-214.68	-44.21	75.59	645.39	39.24	-60.51
5	Fond.	1, 2	0	-55.53	-40.98	75.23	-573.12	42.32	-69.43
			46	-85.79	-40.98	-70.00	-114.12	72.17	-60.98
			91	-116.08	-40.98	-3.31	355.00	97.70	-50.44
6	Fond.	1, 2	0	284.11	-32.66	-3.68	-566.74	102.72	-57.31
			46	253.85	-32.66	-141.33	-87.16	125.97	-43.97
			91	223.68	-32.66	-57.51	403.46	142.32	-26.90
7	Fond.	9, 1	0	-1.29	235.36	-138.33	-54.52	183.40	145.40
			38	-4.05	235.36	-88.39	308.82	126.67	151.03
			77	-6.81	235.36	100.34	669.64	67.21	159.78
8	Fond.	9, 1	0	20.17	235.52	100.44	-391.32	69.50	114.89
			38	17.41	235.51	20.32	-32.98	23.21	127.22
			77	14.65	235.51	77.05	322.73	-28.52	143.36
9	Fond.	9, 1	0	-15.55	218.45	77.17	-503.04	-29.09	167.66
			38	-18.31	218.45	-46.81	-150.11	-97.06	187.60
			77	-21.07	218.45	-36.04	200.04	-173.35	211.02
10	Fond.	2, 5	0	466.22	45.22	-22.83	-61.71	132.33	162.56
			43	448.00	45.22	59.66	408.45	67.75	136.28
			87	429.93	45.21	345.43	876.75	13.50	114.99
11	Fond.	2, 5	0	804.08	18.42	345.53	-15.11	-8.03	163.58
			43	786.21	18.41	447.12	450.30	-75.24	147.53
			87	768.61	18.41	749.30	910.75	-136.60	136.46
12	Fond.	2, 5	0	720.52	1.25	749.60	-1805.61	-148.58	152.34

RELAZIONE DI CALCOLO -

			43	703.17	1.25	72.52	-1353.12	-212.97	145.48
			87	686.05	1.24	-410.70	-910.55	-275.09	141.58
13	Fond.	3, 4	0	208.44	7.99	-59.71	-388.89	123.39	7.68
			45	238.47	7.99	-140.81	80.35	115.13	28.24
			90	268.60	7.99	-12.58	541.80	98.58	44.71
14	Fond.	3, 4	0	-131.09	15.17	-12.32	-340.10	93.24	38.21
			45	-100.95	15.17	-74.93	114.13	72.97	51.41
			90	-70.84	15.17	65.32	561.52	47.36	62.01
15	Fond.	3, 4	0	-224.44	18.05	65.56	-630.09	43.61	54.78
			45	-194.38	18.05	-130.57	-189.38	16.98	63.24
			90	-164.40	18.05	-129.81	244.98	-13.02	69.79
16	Fond.	3, 4	0	-359.71	15.72	-129.71	-596.64	-16.15	85.86
			28	-341.42	15.72	-264.92	-333.96	-40.20	88.95
			55	-323.19	15.72	-328.13	-73.04	-65.00	91.29
17	Fond.	3, 4	0	-325.13	15.72	-328.13	-73.04	-65.00	91.29
			28	-306.94	15.72	-319.77	186.54	-90.34	92.78
			55	-288.79	15.72	-240.14	445.22	-115.95	93.30
18	Fond.	3, 4	0	-190.05	12.62	-240.13	-21.18	-114.61	98.81
			22	-175.55	12.62	-227.86	185.39	-136.31	98.39
			44	-161.07	12.62	-170.16	391.82	-157.84	97.12
19	Fond.	8, 3	0	693.60	0.09	-363.72	866.69	-262.92	-124.93
			43	712.26	0.09	101.17	1308.42	-207.60	-130.03
			87	731.17	0.09	759.64	1757.83	-149.46	-138.17
20	Fond.	8, 3	0	763.00	-13.91	759.44	-925.02	-137.57	-124.29
			43	782.16	-13.91	448.46	-470.03	-81.03	-136.71
			87	801.58	-13.91	335.78	-12.53	-18.01	-154.20
21	Fond.	8, 3	0	412.73	-41.41	335.77	-892.17	3.44	-102.68
			43	432.35	-41.42	39.69	-434.22	52.85	-125.57
			87	452.12	-41.42	-57.50	23.25	113.35	-153.70
22	Fond.	4, 12	0	-3.25	-178.10	-12.81	-230.53	-157.61	-197.65
			38	-0.20	-178.10	-33.34	130.25	-86.48	-174.05
			77	2.85	-178.10	84.89	493.39	-23.72	-154.02
23	Fond.	4, 12	0	42.74	-193.37	84.78	-342.47	-22.30	-132.28
			38	45.80	-193.37	22.25	23.00	25.17	-116.09
			77	48.87	-193.37	100.22	390.62	67.18	-103.74
24	Fond.	4, 12	0	29.28	-191.90	100.14	-679.28	65.73	-144.81
			38	32.36	-191.90	-90.71	-309.65	119.45	-136.07
			77	35.45	-191.90	-139.49	62.02	170.45	-130.48
25	Fond.	5, 6	0	307.64	77.41	1471.42	-1999.03	-341.00	-201.46
			188	301.75	77.41	-542.83	-136.37	-27.79	-138.76
			376	297.77	77.40	1030.78	1839.42	223.32	-138.47
26	Fond.	9, 5	0	174.08	-112.02	306.46	-1558.12	-56.16	-23.19
			213	152.01	-112.02	-1037.78	254.04	-11.47	-9.44
			425	131.17	-112.03	1477.41	2158.74	-50.20	52.95
27	Fond.	6, 7	0	177.11	15.85	874.27	-928.11	59.73	-2.74
			90	176.73	15.85	487.79	71.29	68.04	-16.15
			180	176.60	15.85	1003.02	1071.34	88.94	-29.98
28	Fond.	6, 10	0	548.79	138.70	-143.51	511.29	159.28	142.33
			36	553.62	138.70	114.79	924.50	107.76	141.87
			73	558.59	138.70	522.83	1337.62	56.45	141.22
29	Fond.	6, 10	0	893.65	130.91	522.87	-539.72	53.60	145.92
			36	898.78	130.91	399.92	-127.63	0.80	145.42
			73	904.13	130.91	425.87	282.05	-51.86	145.17
30	Fond.	7, 8	0	248.78	-60.68	1199.81	-1984.15	222.84	130.94
			198	251.74	-60.68	-646.57	77.64	-25.13	131.73
			395	256.46	-60.69	1422.57	2013.75	-348.79	204.22
31	Fond.	7, 11	0	615.97	-175.89	-167.46	613.33	-132.13	-102.23
			36	621.08	-175.89	127.82	1027.18	-95.11	-101.96
			73	626.33	-175.89	573.16	1441.54	-58.24	-101.43
32	Fond.	7, 11	0	996.44	-161.55	573.19	-551.74	-57.94	-115.59
			36	1001.88	-161.55	446.06	-137.89	-16.13	-115.12
			73	1007.57	-161.55	468.54	273.93	25.55	-114.86
33	Fond.	8, 12	0	125.21	90.84	1399.87	-2109.02	-70.82	-65.09
			203	144.58	90.83	-974.17	-268.63	-13.19	0.57
			405	165.02	90.83	247.14	1510.17	-37.58	13.66
34	Fond.	15, 9	0	35.23	1.57	48.66	-574.66	-16.14	0.08
			50	30.65	1.56	-94.41	-6.16	-16.20	0.17
			100	26.07	1.56	45.14	555.93	-16.31	0.27
35	Fond.	15, 9	0	74.55	0.79	45.33	-525.63	-15.54	-5.69
			50	70.00	0.79	-76.38	30.46	-12.69	-5.76
			100	65.48	0.79	78.51	580.87	-9.73	-6.14
36	Fond.	15, 9	0	137.60	-2.86	78.68	-536.07	-8.40	-5.20

RELAZIONE DI CALCOLO -

			50	133.13	-2.86	-51.09	8.85	-5.61	-6.02
			100	128.71	-2.87	90.22	548.35	-2.30	-7.34
37	Fond.	15, 9	0	197.62	-7.50	90.39	-532.70	-0.63	-9.77
			50	193.28	-7.50	-40.45	1.41	4.70	-11.64
			100	189.02	-7.50	94.37	530.11	11.10	-14.04
38	Fond.	15, 9	0	242.18	-17.12	94.54	-514.25	12.98	-6.40
			50	238.02	-17.12	-29.86	8.99	16.88	-9.25
			100	233.96	-17.13	105.92	526.68	22.28	-12.39
39	Fond.	15, 9	0	251.74	-23.33	106.10	-478.56	23.11	-21.59
			50	247.79	-23.33	-3.33	33.45	34.71	-24.81
			100	243.96	-23.33	141.71	539.51	47.88	-27.78
40	Fond.	15, 9	0	177.53	-33.73	141.91	-493.83	50.43	-16.10
			50	173.79	-33.73	21.72	5.89	59.10	-18.40
			100	170.13	-33.74	149.66	498.77	68.62	-19.44
41	Fond.	15, 9	0	31.96	-36.33	149.90	-909.07	72.35	-53.56
			50	28.34	-36.34	-181.46	-423.51	99.00	-52.64
			100	24.74	-36.34	-271.84	55.11	124.51	-48.83
42	Fond.	10, 11	0	251.73	6.02	88.42	-448.31	-32.82	-9.04
			45	251.60	6.02	0.78	58.78	-27.24	-15.72
			90	251.57	6.02	141.53	566.92	-18.68	-22.36
43	Fond.	10, 11	0	242.89	5.93	141.51	-533.86	-16.47	-9.69
			45	242.94	5.92	15.73	-24.99	-10.59	-16.48
			90	243.08	5.92	119.00	484.26	-1.60	-23.53
44	Fond.	10, 13	0	946.08	34.83	430.02	-775.79	-17.67	-9.35
			47	953.35	34.83	186.10	-249.32	-13.25	-9.41
			94	960.99	34.83	188.04	268.95	-8.84	-9.32
45	Fond.	10, 13	0	784.31	30.00	188.36	-587.99	-6.48	-1.92
			47	792.31	30.00	28.53	-79.09	-5.61	-1.77
			94	800.61	30.01	105.85	419.80	-4.81	-1.62
46	Fond.	10, 13	0	580.99	28.07	106.20	-494.68	-2.87	-1.86
			47	589.57	28.07	-14.69	-6.15	-2.02	-1.76
			94	598.38	28.07	91.86	471.82	-1.21	-1.73
47	Fond.	10, 13	0	393.34	25.70	92.22	-454.07	0.94	-1.58
			47	402.35	25.70	-14.71	13.20	1.70	-1.63
			94	411.52	25.70	95.76	469.64	2.49	-1.76
48	Fond.	10, 13	0	200.80	21.72	96.12	-454.88	4.65	-0.87
			47	210.09	21.72	-16.43	-9.44	5.10	-1.04
			94	219.46	21.72	78.09	424.84	5.63	-1.23
49	Fond.	10, 13	0	12.12	14.54	78.47	-630.86	7.94	0.02
			47	21.54	14.54	-122.25	-207.79	7.97	-0.13
			94	30.97	14.54	-126.39	204.35	8.05	-0.17
50	Fond.	11, 14	0	1086.96	-31.60	460.48	-795.07	23.67	13.04
			47	1094.71	-31.60	208.01	-265.49	17.51	13.10
			94	1102.89	-31.60	202.90	256.11	11.37	12.99
51	Fond.	11, 14	0	907.15	-25.44	203.22	-599.76	9.14	3.58
			47	915.74	-25.44	38.42	-87.45	7.49	3.44
			94	924.68	-25.44	112.35	414.83	5.89	3.35
52	Fond.	11, 14	0	681.55	-23.59	112.70	-498.99	4.11	4.09
			47	690.81	-23.59	-9.70	-7.12	2.18	4.10
			94	700.35	-23.59	96.87	474.08	0.23	4.24
53	Fond.	11, 14	0	471.49	-21.74	97.23	-455.54	-1.88	4.20
			47	481.26	-21.74	-9.96	14.83	-3.92	4.48
			94	491.22	-21.74	101.65	474.18	-6.12	4.88
54	Fond.	11, 14	0	252.97	-19.03	102.03	-457.20	-8.34	4.59
			47	263.08	-19.03	-11.29	-9.06	-10.61	5.06
			94	273.29	-19.04	83.66	427.69	-13.10	5.51
55	Fond.	11, 14	0	31.40	-14.41	84.05	-645.06	-15.66	5.78
			47	41.67	-14.41	-123.17	-219.81	-18.47	6.12
			94	51.96	-14.41	-132.86	194.22	-21.38	6.18
56	Fond.	12, 20	0	72.67	28.15	-248.49	-86.15	129.83	49.61
			50	76.72	28.14	-171.23	402.62	103.97	53.23
			100	80.81	28.14	151.84	897.40	77.10	53.86
57	Fond.	12, 20	0	214.96	28.28	151.64	-507.73	72.95	22.44
			50	219.11	28.28	21.13	-6.60	62.01	21.06
			100	223.36	28.28	142.62	500.40	52.11	18.39
58	Fond.	12, 20	0	283.64	20.45	142.45	-544.38	49.17	28.94
			50	288.00	20.45	-3.62	-32.01	35.52	25.61
			100	292.49	20.44	107.69	485.32	23.60	22.06
59	Fond.	12, 20	0	269.98	16.02	107.54	-530.31	22.47	14.07
			50	274.60	16.01	-29.15	-8.27	16.30	10.62
			100	279.34	16.01	96.26	518.32	11.80	7.48
60	Fond.	12, 20	0	222.42	8.21	96.12	-531.41	9.95	14.49

RELAZIONE DI CALCOLO -

			50	227.27	8.21	-38.96	-0.36	3.40	11.81
			100	232.22	8.20	92.54	535.10	-1.94	9.66
61	Fond.	12, 20	0	159.36	4.42	92.41	-546.32	-3.41	7.93
			50	164.40	4.42	-48.00	-6.49	-6.95	6.32
			100	169.51	4.42	82.55	537.70	-9.81	5.19
62	Fond.	12, 20	0	89.80	1.06	82.41	-576.96	-10.86	6.36
			50	94.97	1.05	-71.18	-28.34	-13.84	5.62
			100	100.18	1.05	50.64	524.83	-16.53	5.15
63	Fond.	12, 20	0	34.87	-0.59	50.49	-559.88	-17.03	0.93
			50	40.12	-0.59	-92.26	-1.86	-17.41	0.56
			100	45.38	-0.60	45.27	561.37	-17.58	0.10
64	Fond.	13, 14	0	-109.47	-4.21	-117.30	-718.76	-28.99	0.16
			90	-109.48	-4.21	-432.03	18.03	-21.04	-17.84
			180	-109.64	-4.22	-84.26	756.55	3.41	-36.75
65	Fond.	13, 21	0	-64.79	116.45	-130.26	-261.16	33.23	112.09
			45	-55.79	116.45	-164.50	123.41	-17.23	112.24
			90	-46.80	116.45	-27.56	499.80	-67.81	112.58
66	Fond.	14, 22	0	-48.07	-87.92	-128.30	-265.15	-15.37	-99.45
			45	-38.23	-87.92	-164.32	120.95	29.45	-99.78
			90	-28.41	-87.92	-28.51	498.62	74.49	-100.44
67	Fond.	15, 16	0	58.94	-48.32	1.38	-355.36	14.55	14.00
			48	58.92	-48.32	-39.29	181.99	8.91	9.74
			95	58.93	-48.31	172.50	707.65	5.25	5.74
68	Fond.	15, 16	0	55.44	-51.83	172.91	-725.78	1.49	13.72
			48	55.47	-51.83	-49.32	-212.08	-4.14	10.04
			95	55.53	-51.83	-30.45	289.42	-8.10	6.69
69	Fond.	15, 16	0	-100.10	-54.51	-30.24	-855.84	-10.54	8.69
			45	-100.05	-54.51	-310.51	-391.59	-13.78	5.75
			90	-100.04	-54.51	-384.04	63.28	-15.73	2.94
70	Fond.	15, 16	0	-106.54	-54.51	-384.04	63.28	-15.73	2.94
			45	-106.57	-54.51	-254.59	510.88	-16.43	0.16
			90	-106.63	-54.51	75.04	953.17	-15.86	-2.72
71	Fond.	15, 16	0	117.59	-54.18	75.11	-163.74	-16.91	1.56
			39	117.53	-54.18	84.62	212.21	-17.01	-1.09
			77	117.50	-54.18	238.64	584.52	-16.04	-4.00
72	Fond.	15, 16	0	239.93	-53.30	238.82	-480.47	-18.82	-2.05
			39	239.95	-53.30	124.49	-112.36	-17.41	-5.30
			77	240.03	-53.30	151.40	250.93	-14.67	-8.96
73	Fond.	15, 16	0	235.77	-50.74	151.63	-448.14	-17.06	-8.71
			39	235.91	-50.74	47.81	-90.18	-12.90	-12.89
			77	236.12	-50.74	81.14	262.12	-7.03	-17.64
74	Fond.	15, 16	0	140.92	-46.47	81.39	-417.72	-8.61	-18.48
			39	141.19	-46.47	-12.94	-71.29	-0.45	-23.86
			77	141.48	-46.47	25.37	269.18	9.91	-29.89
75	Fond.	16, 21	0	30.77	-40.53	25.60	-358.58	8.82	-34.86
			30	31.02	-40.53	-42.92	-98.24	20.04	-39.98
			60	31.27	-40.53	-33.86	158.55	32.85	-45.45
76	Fond.	16, 21	0	-54.96	-31.91	-33.67	-387.10	32.71	-59.55
			30	-54.71	-31.92	-111.80	-133.79	51.43	-65.30
			60	-54.47	-31.92	-114.44	116.19	71.91	-71.23
77	Fond.	17, 20	0	117.15	44.37	24.02	-289.47	13.27	33.06
			40	116.52	44.37	-21.16	63.49	1.46	26.12
			80	115.93	44.37	76.07	422.59	-7.73	19.94
78	Fond.	17, 20	0	209.49	48.10	75.82	-274.61	-6.54	19.73
			40	208.94	48.10	39.01	90.58	-13.32	14.29
			80	208.45	48.09	149.44	461.67	-18.06	9.54
79	Fond.	17, 20	0	217.86	50.19	149.21	-248.85	-15.94	10.28
			40	217.43	50.18	124.98	127.78	-19.21	6.13
			80	217.07	50.18	252.38	509.40	-20.91	2.48
80	Fond.	17, 20	0	89.32	50.77	252.20	-580.05	-18.36	4.68
			40	89.00	50.77	97.35	-194.15	-19.57	1.42
			80	88.70	50.77	97.58	195.34	-19.53	-1.55
81	Fond.	17, 20	0	-154.74	51.11	97.51	-984.96	-18.67	2.23
			45	-155.08	51.11	-246.28	-542.87	-18.97	-0.90
			90	-155.48	51.11	-390.11	-96.05	-17.88	-3.94
82	Fond.	17, 20	0	-149.49	51.11	-390.11	-96.05	-17.88	-3.94
			45	-149.94	51.11	-331.43	357.45	-15.41	-7.05
			90	-150.46	51.11	-66.74	819.84	-11.50	-10.36
83	Fond.	17, 20	0	10.04	48.72	-66.93	-235.22	-9.25	-8.34
			45	9.51	48.72	-67.84	232.08	-4.75	-11.90
			89	8.98	48.72	141.53	709.89	1.40	-15.81
84	Fond.	17, 20	0	36.68	45.45	141.15	-647.12	4.90	-8.17

RELAZIONE DI CALCOLO -

			45	36.16	45.45	-38.39	-158.87	9.47	-12.43
			89	35.66	45.45	1.62	339.67	16.00	-16.99
85	Fond.	22, 17	0	-47.51	31.98	-86.66	-147.65	78.29	72.79
			30	-47.98	31.98	-93.25	103.07	57.43	66.29
			60	-48.47	31.98	-24.14	357.01	38.50	59.96
86	Fond.	22, 17	0	20.71	39.15	-24.33	-177.50	38.51	49.26
			30	20.22	39.15	-38.90	79.78	24.64	43.22
			60	19.73	39.15	24.23	340.48	12.54	37.54
87	Piano 1	2, 18	0	915.38	-345.09	-1121.98	763.14	0.15	5.35
			188	915.38	-345.09	203.43	650.64	-9.87	5.35
			375	915.38	-345.09	1317.91	538.14	-19.90	5.35
88	Piano 1	19, 3	0	916.54	337.18	1333.28	-548.13	-28.39	-10.15
			187	916.54	337.18	203.37	-660.33	-9.42	-10.15
			374	916.54	337.18	-1136.36	-772.53	9.56	-10.15
89	Piano 1	5, 6	0	87.00	6.37	-411.32	810.51	-10.97	1.97
			188	87.00	6.37	299.47	-54.74	-14.69	1.97
			376	87.00	6.37	-617.26	-920.00	-18.40	1.97
90	Piano 1	9, 5	0	135.76	-49.80	-506.18	993.47	53.88	23.11
			213	135.76	-49.80	566.35	15.83	4.77	23.11
			425	135.76	-49.80	-438.89	-961.81	-44.34	23.11
91	Piano 1	6, 7	0	54.76	6.47	-257.08	35.10	-2.28	7.27
			90	54.76	6.47	-249.79	-18.90	-8.82	7.27
			180	54.76	6.47	-291.10	-72.90	-15.37	7.27
92	Piano 1	6, 18	0	0.26	292.71	-55.84	835.98	-14.96	-13.29
			115	0.26	292.71	525.98	175.88	0.33	-13.29
			230	0.26	292.71	348.68	-484.22	15.61	-13.29
93	Piano 1	7, 8	0	91.14	-2.28	-666.69	978.32	-28.03	-8.65
			198	91.14	-2.28	368.40	69.50	-10.95	-8.65
			395	91.14	-2.28	-392.07	-839.32	6.13	-8.65
94	Piano 1	7, 19	0	-15.75	-308.24	-48.34	826.15	13.88	12.13
			115	-15.75	-308.24	522.18	166.05	-0.07	12.13
			230	-15.75	-308.24	333.58	-494.05	-14.02	12.13
95	Piano 1	8, 12	0	127.48	48.55	-443.82	926.54	-18.57	-12.92
			203	127.48	48.55	489.28	-5.22	7.60	-12.92
			405	127.48	48.55	-464.96	-936.98	33.77	-12.92
96	Piano 1	18, 19	0	928.67	3.60	1025.19	53.92	-4.28	5.61
			90	928.67	3.60	1049.42	-0.08	-9.33	5.61
			180	928.67	3.60	1025.04	-54.08	-14.37	5.61
97	Piano 2	2, 18	0	-1482.12	-348.93	-1131.24	761.61	151.14	94.51
			188	-1482.12	-348.93	191.31	649.11	-26.08	94.51
			375	-1482.12	-348.93	1302.92	536.61	-203.29	94.51
98	Piano 2	19, 3	0	-1498.35	335.37	1313.13	-519.77	-224.38	-97.75
			187	-1498.35	335.37	236.25	-631.97	-41.59	-97.75
			374	-1498.35	335.37	-1050.45	-744.17	141.20	-97.75
99	Piano 2	5, 6	0	-142.67	-8.90	-341.96	774.33	163.00	100.04
			188	-142.67	-8.90	300.77	-90.93	-25.18	100.04
			376	-142.67	-8.90	-684.03	-956.18	-213.36	100.04
100	Piano 2	9, 5	0	-36.77	-55.20	-560.61	1014.39	6.51	-14.50
			213	-36.77	-55.20	556.38	36.75	37.32	-14.50
			425	-36.77	-55.20	-404.41	-940.89	68.13	-14.50
101	Piano 2	6, 7	0	-278.81	7.24	-293.33	102.20	-43.08	21.84
			90	-278.81	7.24	-225.65	48.20	-62.73	21.84
			180	-278.81	7.24	-206.56	-5.80	-82.38	21.84
102	Piano 2	6, 18	0	-90.85	293.58	-77.12	844.30	-142.77	-125.37
			115	-90.85	293.58	514.27	184.20	1.41	-125.37
			230	-90.85	293.58	346.55	-475.90	145.59	-125.37
103	Piano 2	7, 8	0	424.02	31.47	-787.18	1044.45	-233.96	-110.31
			198	424.02	31.47	378.56	135.63	-16.01	-110.31
			395	424.02	31.47	-251.26	-773.19	201.94	-110.31
104	Piano 2	7, 19	0	-101.42	-291.70	-93.77	847.71	165.61	141.60
			115	-101.42	-291.70	501.55	187.61	2.76	141.60
			230	-101.42	-291.70	337.74	-472.49	-160.08	141.60
105	Piano 2	8, 12	0	695.11	61.20	-393.41	866.84	113.50	31.84
			203	695.11	61.20	418.77	-64.91	49.01	31.84
			405	695.11	61.20	-656.39	-996.67	-15.48	31.84
106	Piano 2	13, 16	0	-67.56	-1.25	1.80	343.24	21.38	-8.00
			75	-67.56	-1.25	129.86	-1.76	27.38	-8.00
			150	-67.56	-1.25	-0.84	-346.76	33.37	-8.00
107	Piano 2	17, 14	0	67.90	-2.30	1.74	341.84	23.17	1.84
			75	67.90	-2.30	128.74	-3.16	21.79	1.84
			150	67.90	-2.30	-3.00	-348.16	20.41	1.84
108	Piano 2	18, 19	0	-1356.75	-2.37	1009.34	60.71	-57.70	3.67

			90	-1356.75	-2.37	1039.69	6.71	-61.00	3.67
			180	-1356.75	-2.37	1021.43	-47.29	-64.31	3.67
109	Piano 3	5, 6	0	-78.05	8.55	-193.21	462.45	217.83	78.40
			188	-78.05	8.55	269.78	29.83	70.37	78.40
			376	-78.05	8.55	-81.01	-402.80	-77.09	78.40
110	Piano 3	9, 5	0	-104.06	-19.44	-197.41	483.96	-38.45	-52.04
			213	-104.06	-19.44	311.71	-4.85	72.16	-52.04
			425	-104.06	-19.44	-218.05	-493.67	182.77	-52.04
111	Piano 3	8, 7	0	-594.11	-16.58	-253.01	459.89	-182.61	-69.41
			198	-594.11	-16.58	206.70	5.48	-45.48	-69.41
			395	-594.11	-16.58	-231.37	-448.93	91.66	-69.41
112	Piano 3	8, 12	0	-819.98	22.17	-332.50	461.83	163.08	44.67
			203	-819.98	22.17	131.14	-4.05	72.60	44.67
			405	-819.98	22.17	-348.90	-469.93	-17.88	44.67
113	Piano 3	13, 16	0	167.30	-23.39	21.69	231.58	23.99	11.34
			78	105.30	1.44	111.20	-0.92	15.18	11.34
			155	43.30	26.28	20.25	-233.42	6.38	11.34
114	Piano 3	14, 17	0	19.28	0.77	2.98	169.55	-7.99	2.53
			76	42.28	0.77	66.01	-2.95	-9.90	2.53
			151	65.28	0.77	-1.48	-175.45	-11.81	2.53

4.1.3 Risultati Condizioni (Carichi d'Esercizio).

4.1.3.1 Cinematismi nodali

Tabella 5.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0030	0.0003	-0.0250	0.000006	-0.000002	0.000009
2	-0.0031	-0.0022	-0.0291	-0.000001	-0.000014	0.000011
3	0.0030	-0.0026	-0.0282	0.000003	0.000010	-0.000012
4	0.0030	0.0003	-0.0257	0.000006	-0.000002	-0.000009
5	-0.0003	-0.0021	-0.0276	-0.000011	-0.000011	0.000003
6	0.0000	0.0006	-0.0304	0.000002	-0.000009	-0.000003
7	0.0000	0.0007	-0.0304	0.000003	0.000010	0.000002
8	0.0003	-0.0022	-0.0275	-0.000007	0.000009	-0.000003
9	-0.0005	0.0003	-0.0264	0.000007	0.000020	0.000008
10	0.0000	0.0007	-0.0305	-0.000004	-0.000001	0.000000
11	0.0000	0.0008	-0.0306	-0.000004	0.000000	-0.000001
12	0.0005	0.0003	-0.0270	0.000006	-0.000019	-0.000008
13	0.0000	0.0010	-0.0253	-0.000009	0.000006	0.000000
14	0.0000	0.0011	-0.0251	-0.000010	-0.000004	-0.000001
15	0.0000	0.0004	-0.0326	0.000009	0.000014	0.000000
16	0.0000	0.0008	-0.0258	-0.000005	0.000010	-0.000002
17	-0.0001	0.0010	-0.0255	-0.000006	-0.000010	0.000002
18	-0.0001	0.0005	-0.0323	0.000007	-0.000014	-0.000001
19	0.0000	0.0010	-0.0246	-0.000007	0.000009	0.000000
20	-0.0001	0.0011	-0.0244	-0.000007	-0.000009	0.000000
21	0.0001	0.0028	-0.0257	0.000008	-0.000007	0.000002
22	0.0004	-0.0013	-0.0293	-0.000022	-0.000118	0.000004
23	0.0010	-0.0003	-0.0283	-0.000025	0.000119	-0.000006
24	0.0013	0.0025	-0.0264	0.000007	0.000003	-0.000004
25	0.0005	-0.0011	-0.0323	-0.000261	0.000009	0.000006
26	0.0005	-0.0023	-0.0333	-0.000258	0.000017	0.000000
27	0.0005	-0.0022	-0.0335	-0.000256	-0.000019	-0.000002
28	0.0003	-0.0001	-0.0323	-0.000259	0.000001	-0.000006
29	0.0002	0.0029	-0.0276	-0.000229	-0.000062	0.000004
30	0.0002	-0.0022	-0.0315	-0.000010	-0.000001	-0.000003
31	0.0003	-0.0021	-0.0316	-0.000011	-0.000001	0.000001
32	0.0006	0.0025	-0.0281	-0.000230	0.000054	-0.000003
33	-0.0032	-0.0023	-0.0260	0.000000	0.000011	-0.000004
34	0.0033	-0.0023	-0.0259	0.000000	-0.000012	0.000004
35	-0.0038	0.0031	-0.0332	0.000007	0.000009	0.000002
36	-0.0035	-0.0022	-0.0265	-0.000011	0.000000	0.000005
37	0.0035	-0.0021	-0.0262	-0.000011	0.000000	-0.000004
38	0.0006	-0.0023	-0.0860	-0.000188	-0.000070	0.000000
39	0.0007	-0.0022	-0.0859	-0.000187	0.000072	-0.000002
40	0.0038	0.0027	-0.0329	0.000006	-0.000009	-0.000003
41	-0.0035	-0.0023	-0.0250	-0.000011	0.000012	-0.000001
42	0.0034	-0.0023	-0.0248	-0.000012	-0.000011	0.000000

43	0.0021	0.0051	-0.0262	0.000008	-0.000007	0.000001
44	0.0018	0.0037	-0.0292	-0.000013	-0.000114	0.000017
45	0.0008	0.0058	-0.0283	-0.000021	0.000125	-0.000026
46	0.0005	0.0046	-0.0269	0.000008	0.000002	-0.000002
47	0.0018	0.0038	-0.0349	-0.000241	0.000007	0.000016
48	0.0011	-0.0054	-0.0344	-0.000248	0.000015	0.000006
49	0.0010	-0.0054	-0.0347	-0.000246	-0.000015	-0.000008
50	0.0004	0.0060	-0.0351	-0.000224	0.000010	-0.000015
51	0.0017	0.0052	-0.0281	-0.000205	-0.000058	-0.000004
52	0.0005	-0.0054	-0.0322	-0.000011	-0.000004	-0.000006
53	0.0006	-0.0055	-0.0323	-0.000012	-0.000002	0.000006
54	0.0006	0.0046	-0.0288	-0.000187	0.000031	0.000010
55	-0.0065	-0.0054	-0.0269	-0.000007	0.000020	-0.000001
56	0.0069	-0.0055	-0.0266	0.000001	-0.000009	-0.000001
57	-0.0065	0.0053	-0.0337	0.000007	0.000008	0.000001
58	-0.0063	-0.0052	-0.0277	-0.000010	0.000008	0.000005
59	0.0066	-0.0051	-0.0270	-0.000006	-0.000001	-0.000005
60	0.0014	-0.0054	-0.0852	-0.000181	-0.000070	0.000006
61	0.0012	-0.0054	-0.0854	-0.000182	0.000069	-0.000007
62	0.0067	0.0046	-0.0334	0.000006	-0.000009	-0.000006
63	0.0066	-0.0055	-0.0258	-0.000008	-0.000009	-0.000004
64	0.0046	0.0082	-0.0263	0.000009	-0.000005	0.000005
65	0.0046	0.0125	-0.0291	0.000018	-0.000025	-0.000005
66	0.0000	0.0064	-0.0284	0.000035	-0.000026	-0.000013
67	0.0004	0.0048	-0.0269	0.000008	0.000002	-0.000001
68	0.0056	0.0107	-0.0363	-0.000365	0.000001	0.000023
69	0.0040	-0.0091	-0.0349	-0.000350	0.000076	0.000058
70	0.0014	-0.0069	-0.0349	-0.000006	-0.000026	-0.000041
71	-0.0001	0.0091	-0.0359	-0.000025	0.000015	-0.000017
72	0.0059	0.0074	-0.0285	-0.000337	-0.000091	-0.000017
73	0.0048	-0.0084	-0.0325	0.000000	-0.000025	-0.000019
74	0.0010	-0.0073	-0.0325	0.000000	-0.000005	0.000009
75	-0.0008	0.0051	-0.0290	-0.000002	0.000023	0.000019
76	-0.0070	-0.0057	-0.0271	0.000049	-0.000013	0.000017
77	0.0106	-0.0087	-0.0269	-0.000006	-0.000014	-0.000006
78	-0.0067	0.0055	-0.0337	0.000007	0.000008	0.000000
79	-0.0064	-0.0050	-0.0278	0.000030	-0.000035	0.000019
80	0.0101	-0.0081	-0.0272	-0.000012	-0.000006	-0.000008
81	0.0101	0.0068	-0.0337	0.000006	-0.000010	-0.000012
82	0.0102	-0.0090	-0.0259	-0.000011	-0.000011	-0.000008
83	-0.0005	0.0022	-0.0255	0.000007	-0.000011	-0.000001
84	-0.0030	0.0000	-0.0251	0.000006	-0.000004	0.000007
85	-0.0031	-0.0006	-0.0259	0.000004	-0.000010	0.000004
86	0.0001	0.0027	-0.0260	0.000008	0.000000	0.000004
87	0.0001	0.0016	-0.0268	0.000008	0.000000	0.000013
88	0.0016	0.0020	-0.0263	0.000006	0.000006	-0.000001
89	0.0030	-0.0007	-0.0260	0.000005	0.000006	-0.000005
90	0.0030	0.0000	-0.0257	0.000005	0.000000	-0.000007
91	0.0013	0.0016	-0.0269	0.000009	0.000000	-0.000007
92	0.0013	0.0023	-0.0266	0.000006	0.000000	-0.000004
93	0.0000	0.0003	-0.0300	0.000005	0.000014	0.000001
94	0.0000	0.0003	-0.0284	0.000001	0.000005	-0.000001
95	-0.0037	0.0022	-0.0316	0.000004	0.000000	0.000008
96	-0.0036	0.0005	-0.0297	-0.000001	0.000000	0.000011
97	0.0000	0.0004	-0.0282	0.000000	-0.000005	0.000001
98	-0.0001	0.0004	-0.0298	0.000004	-0.000014	-0.000001
99	0.0036	0.0002	-0.0296	-0.000002	0.000000	-0.000010
100	0.0036	0.0018	-0.0312	0.000004	0.000000	-0.000007
101	0.0018	0.0048	-0.0261	0.000008	-0.000007	0.000001
102	0.0021	0.0051	-0.0264	0.000008	0.000000	0.000001
103	0.0021	0.0049	-0.0272	0.000012	0.000000	0.000002
104	0.0005	0.0055	-0.0273	0.000015	0.000000	0.000010
105	0.0005	0.0047	-0.0270	0.000010	0.000000	0.000004
106	0.0006	0.0043	-0.0268	0.000008	0.000003	-0.000001
107	-0.0065	0.0002	-0.0303	-0.000001	0.000000	0.000022
108	-0.0065	0.0025	-0.0314	0.000002	0.000000	0.000019
109	-0.0036	0.0016	-0.0310	0.000003	0.000000	0.000009
110	0.0067	0.0007	-0.0307	0.000000	0.000000	-0.000018
111	0.0067	0.0026	-0.0317	0.000002	0.000000	-0.000015
112	0.0036	0.0008	-0.0303	0.000000	0.000000	-0.000010
113	0.0036	0.0018	-0.0311	0.000004	0.000000	-0.000007
114	0.0000	0.0023	-0.0264	0.000007	0.000000	0.000010

115	0.0001	0.0005	-0.0276	0.000007	0.000000	0.000012
116	0.0002	-0.0005	-0.0283	0.000014	0.000000	0.000011
117	-0.0031	-0.0003	-0.0254	0.000005	-0.000007	0.000005
118	-0.0031	-0.0009	-0.0269	0.000002	-0.000012	0.000004
119	-0.0031	-0.0014	-0.0280	0.000001	-0.000012	0.000007
120	-0.0016	0.0016	-0.0253	0.000007	-0.000011	-0.000001
121	-0.0025	0.0009	-0.0252	0.000007	-0.000008	0.000002
122	-0.0008	-0.0019	-0.0292	0.000025	0.000054	0.000009
123	-0.0012	-0.0025	-0.0292	-0.000006	-0.000041	0.000009
124	-0.0022	-0.0024	-0.0292	0.000000	0.000004	0.000013
125	0.0001	0.0028	-0.0269	0.000000	-0.000020	0.000000
126	0.0001	0.0028	-0.0263	0.000000	-0.000012	-0.000001
127	-0.0013	0.0003	-0.0260	0.000006	0.000012	0.000011
128	-0.0022	0.0003	-0.0255	0.000006	0.000005	0.000012
129	-0.0022	0.0022	-0.0273	0.000000	0.000003	0.000000
130	-0.0021	0.0016	-0.0270	0.000000	-0.000001	0.000002
131	-0.0017	0.0009	-0.0267	0.000000	0.000009	0.000004
132	0.0005	-0.0013	-0.0301	0.000000	0.000011	0.000000
133	0.0004	-0.0012	-0.0311	0.000000	-0.000008	-0.000002
134	-0.0020	-0.0022	-0.0291	-0.000002	-0.000012	0.000013
135	-0.0009	-0.0021	-0.0286	-0.000009	-0.000011	0.000011
136	0.0008	-0.0019	-0.0311	0.000000	-0.000002	0.000005
137	0.0007	-0.0023	-0.0300	0.000000	0.000000	0.000007
138	0.0004	-0.0024	-0.0289	0.000000	-0.000006	0.000007
139	0.0011	0.0003	-0.0277	0.000019	0.000000	-0.000008
140	0.0012	0.0010	-0.0273	0.000009	0.000000	-0.000007
141	0.0013	0.0020	-0.0267	0.000007	0.000000	-0.000006
142	0.0031	-0.0017	-0.0274	0.000004	0.000008	-0.000008
143	0.0030	-0.0011	-0.0266	0.000004	0.000008	-0.000006
144	0.0030	-0.0004	-0.0258	0.000005	0.000003	-0.000006
145	0.0018	-0.0014	-0.0282	0.000033	-0.000062	-0.000009
146	0.0018	-0.0022	-0.0282	-0.000005	0.000039	-0.000010
147	0.0025	-0.0025	-0.0282	0.000005	-0.000009	-0.000014
148	0.0022	0.0014	-0.0261	0.000006	0.000007	-0.000001
149	0.0028	0.0008	-0.0259	0.000006	0.000005	-0.000004
150	0.0006	-0.0002	-0.0307	0.000000	0.000004	-0.000001
151	0.0007	-0.0003	-0.0294	-0.000001	-0.000015	-0.000002
152	0.0009	-0.0023	-0.0283	-0.000005	0.000009	-0.000010
153	0.0019	-0.0025	-0.0284	0.000002	0.000009	-0.000013
154	-0.0004	-0.0011	-0.0310	0.000000	0.000001	-0.000009
155	-0.0005	-0.0018	-0.0300	0.000000	0.000000	-0.000009
156	-0.0003	-0.0023	-0.0289	0.000000	0.000006	-0.000008
157	0.0010	0.0025	-0.0270	0.000000	0.000008	-0.000003
158	0.0008	0.0025	-0.0275	0.000000	0.000016	-0.000003
159	0.0022	0.0003	-0.0262	0.000006	-0.000007	-0.000012
160	0.0013	0.0003	-0.0266	0.000005	-0.000013	-0.000011
161	0.0025	0.0020	-0.0278	0.000000	-0.000004	-0.000001
162	0.0023	0.0014	-0.0276	0.000000	-0.000001	-0.000002
163	0.0018	0.0009	-0.0273	0.000000	-0.000010	-0.000005
164	0.0004	-0.0022	-0.0322	0.000000	0.000001	-0.000002
165	-0.0001	0.0006	-0.0306	0.000001	-0.000005	0.000000
166	0.0010	-0.0013	-0.0326	0.000000	-0.000004	-0.000008
167	0.0007	-0.0006	-0.0320	0.000000	-0.000002	-0.000005
168	0.0005	0.0001	-0.0314	0.000000	-0.000003	-0.000004
169	0.0002	-0.0013	-0.0312	-0.000010	-0.000001	-0.000003
170	0.0001	-0.0005	-0.0309	-0.000009	-0.000001	-0.000003
171	0.0000	0.0002	-0.0307	-0.000007	0.000000	-0.000001
172	0.0003	-0.0021	-0.0324	0.000000	-0.000003	-0.000002
173	0.0001	0.0007	-0.0307	0.000002	0.000005	0.000000
174	0.0002	-0.0012	-0.0313	-0.000010	-0.000001	0.000001
175	0.0002	-0.0004	-0.0310	-0.000009	-0.000001	0.000002
176	0.0001	0.0003	-0.0308	-0.000007	-0.000001	0.000001
177	-0.0003	-0.0012	-0.0328	0.000000	0.000001	0.000006
178	-0.0004	-0.0004	-0.0322	0.000000	-0.000001	0.000004
179	-0.0004	0.0003	-0.0315	0.000000	0.000000	0.000004
180	-0.0038	0.0031	-0.0325	0.000000	0.000008	-0.000002
181	-0.0035	0.0030	-0.0318	0.000000	0.000007	-0.000004
182	-0.0030	0.0030	-0.0311	0.000000	0.000005	-0.000006
183	-0.0023	0.0030	-0.0304	0.000000	0.000002	-0.000007
184	-0.0016	0.0030	-0.0297	0.000000	-0.000001	-0.000007
185	-0.0009	0.0029	-0.0289	0.000000	-0.000006	-0.000006
186	-0.0002	0.0029	-0.0282	0.000000	-0.000014	-0.000010

187	0.0000	0.0004	-0.0318	0.000008	0.000014	0.000000
188	0.0001	0.0004	-0.0311	0.000007	0.000014	-0.000001
189	0.0002	0.0004	-0.0304	0.000007	0.000014	-0.000001
190	0.0003	0.0004	-0.0296	0.000007	0.000014	-0.000001
191	0.0003	0.0004	-0.0289	0.000007	0.000015	0.000000
192	0.0003	0.0003	-0.0282	0.000008	0.000016	0.000001
193	0.0000	0.0003	-0.0273	0.000009	0.000018	0.000004
194	-0.0030	0.0025	-0.0330	0.000007	0.000009	0.000001
195	-0.0021	0.0018	-0.0329	0.000007	0.000010	0.000001
196	-0.0012	0.0012	-0.0328	0.000008	0.000012	0.000001
197	0.0003	-0.0021	-0.0315	-0.000011	0.000000	0.000000
198	0.0000	0.0007	-0.0306	-0.000004	-0.000001	-0.000001
199	-0.0002	-0.0022	-0.0306	0.000000	0.000000	-0.000006
200	-0.0008	-0.0022	-0.0297	0.000000	0.000003	-0.000007
201	-0.0015	-0.0023	-0.0288	0.000000	0.000005	-0.000008
202	-0.0022	-0.0023	-0.0279	0.000000	0.000008	-0.000007
203	-0.0028	-0.0023	-0.0270	0.000000	0.000009	-0.000006
204	0.0000	0.0008	-0.0299	-0.000008	0.000000	0.000000
205	0.0000	0.0008	-0.0290	-0.000009	0.000002	0.000000
206	0.0000	0.0009	-0.0281	-0.000010	0.000003	0.000000
207	0.0000	0.0009	-0.0272	-0.000010	0.000004	0.000000
208	0.0000	0.0010	-0.0262	-0.000011	0.000005	0.000000
209	-0.0023	-0.0014	-0.0259	0.000000	0.000010	-0.000003
210	-0.0015	-0.0006	-0.0257	0.000000	0.000010	-0.000002
211	-0.0007	0.0002	-0.0255	0.000000	0.000009	-0.000001
212	0.0028	-0.0023	-0.0269	0.000000	-0.000010	0.000006
213	0.0022	-0.0023	-0.0279	0.000000	-0.000008	0.000006
214	0.0016	-0.0022	-0.0288	0.000000	-0.000006	0.000007
215	0.0010	-0.0022	-0.0297	0.000000	-0.000004	0.000006
216	0.0006	-0.0022	-0.0307	0.000000	-0.000002	0.000004
217	0.0001	0.0011	-0.0261	-0.000011	-0.000004	0.000000
218	0.0001	0.0011	-0.0272	-0.000011	-0.000003	0.000000
219	0.0000	0.0011	-0.0281	-0.000010	-0.000003	0.000000
220	0.0000	0.0010	-0.0291	-0.000010	-0.000002	0.000000
221	0.0000	0.0009	-0.0299	-0.000008	-0.000001	0.000000
222	0.0023	-0.0013	-0.0257	0.000000	-0.000010	0.000003
223	0.0014	-0.0005	-0.0255	0.000000	-0.000009	0.000002
224	0.0006	0.0003	-0.0254	0.000000	-0.000009	0.000001
225	0.0009	0.0026	-0.0287	0.000000	0.000010	0.000009
226	0.0017	0.0026	-0.0293	0.000000	0.000001	0.000007
227	0.0024	0.0026	-0.0299	0.000000	-0.000003	0.000007
228	0.0031	0.0027	-0.0305	0.000000	-0.000006	0.000006
229	0.0035	0.0027	-0.0311	0.000000	-0.000008	0.000004
230	0.0039	0.0027	-0.0317	0.000000	-0.000009	0.000002
231	0.0040	0.0027	-0.0323	0.000000	-0.000010	0.000000
232	0.0000	0.0003	-0.0277	0.000008	-0.000018	-0.000004
233	-0.0003	0.0004	-0.0285	0.000007	-0.000016	-0.000001
234	-0.0003	0.0004	-0.0292	0.000006	-0.000015	0.000000
235	-0.0003	0.0004	-0.0298	0.000006	-0.000015	0.000001
236	-0.0002	0.0004	-0.0304	0.000006	-0.000014	0.000001
237	-0.0001	0.0005	-0.0310	0.000006	-0.000014	0.000001
238	-0.0001	0.0005	-0.0316	0.000006	-0.000014	0.000000
239	0.0030	0.0022	-0.0327	0.000006	-0.000010	-0.000002
240	0.0021	0.0017	-0.0326	0.000006	-0.000010	-0.000002
241	0.0011	0.0011	-0.0324	0.000007	-0.000012	-0.000001
242	-0.0025	-0.0014	-0.0249	-0.000010	0.000011	-0.000001
243	-0.0016	-0.0006	-0.0248	-0.000009	0.000010	-0.000001
244	-0.0008	0.0002	-0.0247	-0.000009	0.000009	-0.000001
245	0.0025	-0.0013	-0.0247	-0.000010	-0.000011	0.000001
246	0.0016	-0.0004	-0.0246	-0.000009	-0.000010	0.000001
247	0.0007	0.0004	-0.0245	-0.000010	-0.000009	0.000001
248	-0.0037	0.0028	-0.0324	0.000006	0.000000	0.000005
249	-0.0037	0.0010	-0.0304	0.000002	0.000000	0.000011
250	-0.0036	-0.0003	-0.0289	-0.000003	0.000000	0.000010
251	-0.0035	-0.0011	-0.0281	-0.000006	0.000000	0.000009
252	-0.0035	-0.0017	-0.0274	-0.000008	0.000000	0.000007
253	0.0000	0.0004	-0.0313	0.000007	0.000014	0.000001
254	0.0000	0.0003	-0.0290	0.000003	0.000009	0.000000
255	0.0000	0.0004	-0.0279	0.000000	0.000007	-0.000001
256	0.0000	0.0005	-0.0273	-0.000002	0.000009	-0.000002
257	0.0000	0.0006	-0.0266	-0.000004	0.000010	-0.000002
258	-0.0025	-0.0013	-0.0263	-0.000009	0.000000	0.000003

RELAZIONE DI CALCOLO -

259	-0.0016	-0.0005	-0.0261	-0.000009	0.000000	0.000002
260	-0.0008	0.0002	-0.0259	-0.000008	0.000000	0.000000
261	-0.0035	-0.0023	-0.0257	-0.000011	0.000000	0.000001
262	0.0000	0.0009	-0.0252	-0.000006	0.000010	-0.000002
263	0.0035	-0.0017	-0.0271	-0.000009	0.000000	-0.000006
264	0.0035	-0.0012	-0.0279	-0.000006	0.000000	-0.000007
265	0.0035	-0.0005	-0.0288	-0.000004	0.000000	-0.000009
266	0.0036	0.0013	-0.0307	0.000002	0.000000	-0.000009
267	0.0037	0.0024	-0.0321	0.000005	0.000000	-0.000005
268	-0.0001	0.0008	-0.0263	-0.000004	-0.000010	0.000002
269	-0.0001	0.0006	-0.0271	-0.000003	-0.000009	0.000002
270	0.0000	0.0004	-0.0278	-0.000001	-0.000007	0.000001
271	-0.0001	0.0003	-0.0288	0.000002	-0.000009	0.000000
272	-0.0001	0.0004	-0.0311	0.000006	-0.000014	-0.000001
273	0.0025	-0.0012	-0.0260	-0.000010	0.000000	-0.000002
274	0.0016	-0.0004	-0.0258	-0.000009	0.000000	-0.000001
275	0.0007	0.0003	-0.0257	-0.000008	0.000000	0.000001
276	0.0034	-0.0023	-0.0254	-0.000011	0.000000	-0.000001
277	-0.0001	0.0011	-0.0249	-0.000007	-0.000010	0.000002
278	0.0021	0.0050	-0.0268	0.000009	0.000000	0.000002
279	0.0021	0.0046	-0.0278	0.000014	0.000000	0.000004
280	0.0020	0.0044	-0.0284	0.000024	0.000000	0.000001
281	0.0012	0.0041	-0.0260	0.000007	-0.000006	0.000001
282	0.0007	0.0035	-0.0259	0.000008	-0.000007	0.000002
283	0.0013	0.0023	-0.0291	0.000040	0.000069	0.000006
284	0.0012	0.0008	-0.0290	0.000000	-0.000064	0.000004
285	0.0010	-0.0004	-0.0291	0.000035	0.000069	0.000005
286	0.0021	0.0052	-0.0274	0.000000	-0.000018	-0.000003
287	0.0022	0.0051	-0.0268	0.000000	-0.000009	0.000000
288	0.0002	0.0046	-0.0279	0.000000	0.000014	-0.000004
289	0.0010	0.0040	-0.0278	0.000000	0.000006	-0.000003
290	0.0018	0.0034	-0.0276	0.000000	0.000014	-0.000002
291	0.0028	0.0037	-0.0310	0.000000	-0.000004	-0.000003
292	0.0018	0.0037	-0.0328	0.000000	-0.000008	-0.000016
293	0.0016	0.0023	-0.0341	0.000000	-0.000010	0.000000
294	0.0010	0.0010	-0.0334	0.000000	-0.000007	-0.000002
295	0.0005	-0.0001	-0.0328	0.000000	-0.000007	-0.000002
296	0.0005	0.0066	-0.0277	0.000031	0.000000	0.000005
297	0.0005	0.0062	-0.0275	0.000018	0.000000	0.000005
298	0.0005	0.0050	-0.0271	0.000012	0.000000	0.000008
299	0.0010	0.0042	-0.0281	0.000051	-0.000082	-0.000006
300	0.0008	0.0024	-0.0280	-0.000001	0.000066	-0.000004
301	0.0007	0.0008	-0.0281	0.000044	-0.000078	-0.000005
302	0.0008	0.0036	-0.0267	0.000007	0.000002	-0.000004
303	0.0010	0.0030	-0.0266	0.000006	0.000003	-0.000005
304	0.0007	0.0059	-0.0323	0.000001	0.000012	0.000006
305	0.0001	0.0060	-0.0301	-0.000001	-0.000016	0.000008
306	0.0005	0.0041	-0.0341	0.000001	0.000010	-0.000004
307	0.0008	0.0025	-0.0334	0.000000	0.000003	0.000002
308	0.0010	0.0011	-0.0328	0.000000	0.000004	0.000002
309	0.0003	0.0046	-0.0275	0.000000	0.000007	-0.000003
310	0.0002	0.0046	-0.0281	0.000000	0.000009	0.000001
311	0.0012	0.0041	-0.0285	0.000000	-0.000014	0.000005
312	0.0002	0.0036	-0.0284	0.000000	-0.000010	0.000003
313	-0.0007	0.0030	-0.0282	0.000000	-0.000015	0.000002
314	0.0010	-0.0054	-0.0331	0.000000	-0.000006	-0.000007
315	0.0013	-0.0046	-0.0338	0.000000	-0.000008	-0.000008
316	0.0007	-0.0038	-0.0335	0.000000	-0.000006	-0.000001
317	0.0002	-0.0031	-0.0333	0.000000	-0.000008	0.000004
318	0.0005	-0.0046	-0.0320	-0.000011	0.000001	-0.000005
319	0.0004	-0.0038	-0.0319	-0.000010	-0.000002	-0.000004
320	0.0003	-0.0030	-0.0317	-0.000010	-0.000001	-0.000003
321	0.0006	-0.0055	-0.0333	0.000000	0.000000	-0.000004
322	0.0005	-0.0046	-0.0321	-0.000011	-0.000001	0.000003
323	0.0004	-0.0038	-0.0320	-0.000010	0.000000	0.000002
324	0.0004	-0.0030	-0.0318	-0.000011	-0.000001	0.000001
325	0.0005	-0.0046	-0.0341	0.000000	0.000001	-0.000001
326	0.0007	-0.0038	-0.0337	0.000000	0.000002	-0.000003
327	0.0010	-0.0030	-0.0335	0.000000	0.000005	-0.000008
328	-0.0061	0.0053	-0.0330	0.000000	0.000007	-0.000007
329	-0.0052	0.0053	-0.0322	0.000000	0.000004	-0.000011
330	-0.0039	0.0053	-0.0315	0.000000	0.000002	-0.000013

331	-0.0026	0.0052	-0.0308	0.000000	0.000000	-0.000014
332	-0.0012	0.0052	-0.0301	0.000000	-0.000002	-0.000014
333	0.0001	0.0052	-0.0295	0.000000	-0.000004	-0.000011
334	0.0011	0.0052	-0.0288	0.000000	-0.000011	-0.000009
335	-0.0058	0.0047	-0.0336	0.000007	0.000009	0.000001
336	-0.0051	0.0042	-0.0334	0.000007	0.000009	0.000002
337	-0.0044	0.0036	-0.0333	0.000007	0.000009	0.000002
338	0.0005	-0.0052	-0.0320	-0.000010	0.000000	0.000001
339	-0.0003	-0.0054	-0.0311	0.000000	-0.000003	-0.000011
340	-0.0015	-0.0054	-0.0301	0.000000	-0.000001	-0.000016
341	-0.0031	-0.0054	-0.0292	0.000000	0.000003	-0.000018
342	-0.0047	-0.0053	-0.0283	0.000000	0.000007	-0.000017
343	-0.0060	-0.0053	-0.0275	0.000000	0.000009	-0.000010
344	-0.0055	-0.0046	-0.0266	0.000000	0.000008	-0.000002
345	-0.0048	-0.0038	-0.0264	0.000000	0.000010	-0.000006
346	-0.0040	-0.0031	-0.0262	0.000000	0.000010	-0.000006
347	0.0064	-0.0055	-0.0274	0.000000	-0.000011	0.000011
348	0.0053	-0.0055	-0.0283	0.000000	-0.000011	0.000012
349	0.0041	-0.0055	-0.0292	0.000000	-0.000009	0.000015
350	0.0027	-0.0055	-0.0302	0.000000	-0.000007	0.000014
351	0.0014	-0.0055	-0.0312	0.000000	-0.000005	0.000012
352	0.0061	-0.0047	-0.0264	0.000000	-0.000011	0.000006
353	0.0052	-0.0038	-0.0262	0.000000	-0.000013	0.000007
354	0.0042	-0.0030	-0.0260	0.000000	-0.000013	0.000006
355	0.0017	0.0046	-0.0293	0.000000	0.000000	0.000011
356	0.0027	0.0046	-0.0298	0.000000	-0.000002	0.000011
357	0.0039	0.0046	-0.0304	0.000000	-0.000006	0.000014
358	0.0052	0.0046	-0.0310	0.000000	-0.000007	0.000011
359	0.0061	0.0046	-0.0316	0.000000	-0.000009	0.000009
360	0.0068	0.0046	-0.0322	0.000000	-0.000010	0.000005
361	0.0070	0.0046	-0.0328	0.000000	-0.000010	0.000000
362	0.0060	0.0042	-0.0333	0.000006	-0.000009	-0.000005
363	0.0053	0.0037	-0.0332	0.000006	-0.000010	-0.000004
364	0.0045	0.0032	-0.0331	0.000006	-0.000010	-0.000004
365	-0.0065	0.0049	-0.0329	0.000007	0.000000	0.000009
366	-0.0065	0.0039	-0.0321	0.000005	0.000000	0.000014
367	-0.0065	0.0014	-0.0308	0.000001	0.000000	0.000021
368	-0.0065	-0.0015	-0.0294	-0.000003	0.000000	0.000021
369	-0.0064	-0.0028	-0.0287	-0.000005	0.000000	0.000015
370	-0.0064	-0.0041	-0.0280	0.000000	0.000000	0.000019
371	-0.0057	-0.0046	-0.0273	-0.000006	0.000000	0.000012
372	-0.0050	-0.0040	-0.0270	-0.000011	0.000000	0.000012
373	-0.0043	-0.0031	-0.0268	-0.000012	0.000000	0.000009
374	0.0066	-0.0041	-0.0278	-0.000006	0.000000	-0.000015
375	0.0066	-0.0027	-0.0287	-0.000005	0.000000	-0.000016
376	0.0067	-0.0011	-0.0297	-0.000003	0.000000	-0.000018
377	0.0067	0.0017	-0.0312	0.000000	0.000000	-0.000018
378	0.0067	0.0038	-0.0325	0.000004	0.000000	-0.000011
379	0.0059	-0.0046	-0.0267	-0.000008	0.000000	-0.000010
380	0.0051	-0.0039	-0.0266	-0.000010	0.000000	-0.000010
381	0.0043	-0.0030	-0.0264	-0.000011	0.000000	-0.000007
382	0.0046	0.0084	-0.0268	0.000010	0.000000	-0.000008
383	0.0046	0.0093	-0.0274	0.000013	0.000000	-0.000013
384	0.0046	0.0105	-0.0279	0.000017	0.000000	-0.000014
385	0.0046	0.0117	-0.0285	0.000025	0.000000	-0.000013
386	0.0040	0.0074	-0.0263	0.000009	-0.000008	0.000003
387	0.0034	0.0066	-0.0262	0.000008	-0.000007	0.000001
388	0.0027	0.0058	-0.0262	0.000008	-0.000007	0.000000
389	0.0040	0.0102	-0.0291	0.000034	0.000015	-0.000005
390	0.0033	0.0079	-0.0290	0.000012	-0.000041	0.000000
391	0.0030	0.0056	-0.0291	0.000045	0.000052	0.000004
392	0.0065	0.0077	-0.0277	0.000000	-0.000028	0.000031
393	0.0052	0.0080	-0.0270	0.000000	-0.000010	0.000016
394	0.0025	0.0066	-0.0283	0.000000	0.000011	-0.000007
395	0.0034	0.0059	-0.0282	0.000000	0.000013	-0.000006
396	0.0040	0.0118	-0.0313	0.000000	0.000000	0.000000
397	0.0043	0.0112	-0.0335	0.000000	-0.000001	0.000007
398	0.0043	0.0080	-0.0356	0.000000	-0.000024	0.000010
399	0.0024	0.0059	-0.0351	0.000000	-0.000017	-0.000006
400	0.0004	0.0052	-0.0271	0.000011	0.000000	0.000009
401	0.0004	0.0061	-0.0273	0.000014	0.000000	0.000010
402	0.0005	0.0069	-0.0275	0.000023	0.000000	0.000008

403	0.0005	0.0072	-0.0277	0.000015	0.000000	-0.000002
404	-0.0002	0.0072	-0.0301	0.000002	0.000024	0.000005
405	0.0004	0.0081	-0.0324	0.000000	0.000004	0.000010
406	-0.0010	0.0051	-0.0282	0.000000	0.000019	-0.000003
407	-0.0001	0.0050	-0.0275	0.000000	0.000011	-0.000009
408	0.0062	-0.0087	-0.0335	0.000000	-0.000025	-0.000008
409	0.0056	-0.0077	-0.0345	0.000000	-0.000038	-0.000020
410	0.0022	-0.0066	-0.0343	0.000000	-0.000035	0.000004
411	0.0029	-0.0073	-0.0325	0.000000	-0.000021	-0.000015
412	0.0014	-0.0064	-0.0323	0.000000	-0.000017	-0.000011
413	0.0004	-0.0072	-0.0335	0.000000	0.000009	0.000009
414	0.0007	-0.0064	-0.0324	0.000000	-0.000003	0.000011
415	-0.0066	0.0057	-0.0331	0.000000	0.000007	-0.000008
416	-0.0058	0.0059	-0.0325	0.000000	0.000004	-0.000013
417	-0.0046	0.0061	-0.0319	0.000000	0.000002	-0.000015
418	-0.0032	0.0062	-0.0313	0.000000	-0.000001	-0.000017
419	-0.0017	0.0064	-0.0307	0.000000	-0.000002	-0.000017
420	-0.0001	0.0066	-0.0301	0.000000	-0.000004	-0.000016
421	0.0012	0.0068	-0.0295	0.000000	0.000000	-0.000012
422	0.0028	0.0071	-0.0289	0.000000	-0.000012	-0.000018
423	0.0021	-0.0079	-0.0313	0.000000	-0.000018	-0.000024
424	-0.0005	-0.0074	-0.0303	0.000000	-0.000010	-0.000025
425	-0.0031	-0.0070	-0.0293	0.000000	-0.000003	-0.000025
426	-0.0054	-0.0065	-0.0284	0.000000	0.000003	-0.000023
427	-0.0070	-0.0061	-0.0276	0.000000	0.000013	-0.000017
428	0.0025	-0.0075	-0.0313	0.000000	-0.000007	0.000018
429	0.0045	-0.0077	-0.0304	0.000000	-0.000011	0.000019
430	0.0067	-0.0079	-0.0294	0.000000	-0.000013	0.000018
431	0.0086	-0.0081	-0.0286	0.000000	-0.000014	0.000013
432	0.0100	-0.0084	-0.0277	0.000000	-0.000016	0.000007
433	0.0094	-0.0079	-0.0268	0.000000	-0.000013	-0.000002
434	0.0084	-0.0071	-0.0267	0.000000	-0.000011	0.000000
435	0.0076	-0.0063	-0.0266	0.000000	-0.000009	0.000000
436	0.0105	0.0066	-0.0331	0.000000	-0.000011	-0.000004
437	0.0101	0.0064	-0.0325	0.000000	-0.000012	0.000004
438	0.0092	0.0062	-0.0320	0.000000	-0.000012	0.000009
439	0.0078	0.0060	-0.0314	0.000000	-0.000011	0.000014
440	0.0062	0.0058	-0.0309	0.000000	-0.000009	0.000017
441	0.0044	0.0056	-0.0303	0.000000	-0.000006	0.000019
442	0.0025	0.0054	-0.0298	0.000000	-0.000001	0.000020
443	0.0006	0.0052	-0.0293	0.000000	0.000006	0.000022
444	0.0093	0.0062	-0.0336	0.000006	-0.000009	-0.000010
445	0.0084	0.0057	-0.0335	0.000006	-0.000010	-0.000009
446	0.0076	0.0052	-0.0335	0.000006	-0.000009	-0.000007
447	0.0092	-0.0080	-0.0259	-0.000010	-0.000010	-0.000006
448	0.0083	-0.0072	-0.0259	-0.000010	-0.000010	-0.000005
449	0.0075	-0.0063	-0.0258	-0.000009	-0.000010	-0.000004
450	-0.0067	0.0050	-0.0329	0.000007	0.000000	0.000010
451	-0.0067	0.0037	-0.0320	0.000004	0.000000	0.000016
452	-0.0068	0.0019	-0.0311	0.000002	0.000000	0.000021
453	-0.0068	-0.0002	-0.0301	-0.000001	0.000000	0.000022
454	-0.0068	-0.0023	-0.0291	-0.000004	0.000000	0.000020
455	-0.0066	-0.0039	-0.0282	-0.000008	0.000000	0.000011
456	0.0101	-0.0066	-0.0281	-0.000010	0.000000	-0.000021
457	0.0101	-0.0044	-0.0291	-0.000006	0.000000	-0.000024
458	0.0101	-0.0019	-0.0300	-0.000003	0.000000	-0.000027
459	0.0101	0.0007	-0.0309	0.000000	0.000000	-0.000027
460	0.0101	0.0032	-0.0319	0.000002	0.000000	-0.000024
461	0.0101	0.0053	-0.0328	0.000005	0.000000	-0.000019
462	0.0092	-0.0071	-0.0271	-0.000010	0.000000	-0.000011
463	0.0083	-0.0063	-0.0271	-0.000008	0.000000	-0.000010
464	0.0075	-0.0057	-0.0270	-0.000007	0.000000	-0.000008
465	0.0102	-0.0085	-0.0265	-0.000010	0.000000	-0.000007
466	0.0066	-0.0053	-0.0264	-0.000008	0.000000	-0.000002
467	-0.0025	0.0008	-0.0255	0.000010	0.000000	0.000003
468	-0.0016	0.0016	-0.0258	0.000007	0.000000	-0.000001
469	-0.0005	0.0022	-0.0259	0.000006	0.000000	0.000004
470	-0.0005	0.0018	-0.0264	0.000007	0.000000	0.000011
471	-0.0005	0.0011	-0.0267	0.000007	0.000000	0.000012
472	-0.0013	0.0005	-0.0264	0.000007	0.000000	0.000010
473	-0.0022	-0.0001	-0.0262	0.000006	0.000000	0.000006
474	-0.0021	-0.0007	-0.0271	0.000002	0.000000	0.000007

475	-0.0021	-0.0015	-0.0281	-0.000003	0.000000	0.000009
476	-0.0013	-0.0005	-0.0273	0.000003	0.000000	0.000010
477	-0.0013	-0.0015	-0.0282	0.000004	0.000000	0.000012
478	-0.0006	-0.0011	-0.0283	0.000002	0.000000	0.000010
479	-0.0005	-0.0001	-0.0274	0.000006	0.000000	0.000012
480	-0.0009	0.0022	-0.0261	0.000000	-0.000013	-0.000005
481	-0.0016	0.0022	-0.0267	0.000000	-0.000016	-0.000011
482	-0.0023	0.0009	-0.0257	0.000000	-0.000002	0.000004
483	-0.0019	0.0015	-0.0259	0.000000	-0.000008	-0.000006
484	-0.0022	0.0016	-0.0264	0.000000	0.000001	-0.000001
485	-0.0020	0.0009	-0.0262	0.000000	0.000004	0.000003
486	0.0003	-0.0020	-0.0305	0.000000	0.000002	0.000006
487	-0.0002	-0.0020	-0.0298	0.000000	-0.000017	0.000005
488	-0.0002	-0.0025	-0.0291	0.000000	-0.000004	0.000008
489	0.0001	-0.0024	-0.0298	0.000000	-0.000004	0.000007
490	-0.0005	-0.0024	-0.0295	0.000000	0.000002	0.000007
491	-0.0011	-0.0025	-0.0292	0.000000	-0.000011	0.000013
492	0.0025	-0.0002	-0.0263	0.000006	0.000000	-0.000006
493	0.0020	0.0004	-0.0266	0.000007	0.000000	-0.000008
494	0.0015	0.0011	-0.0268	0.000007	0.000000	-0.000008
495	0.0015	0.0015	-0.0267	0.000007	0.000000	-0.000008
496	0.0016	0.0019	-0.0265	0.000006	0.000000	-0.000004
497	0.0022	0.0013	-0.0264	0.000006	0.000000	-0.000001
498	0.0028	0.0006	-0.0261	0.000008	0.000000	-0.000004
499	0.0025	-0.0015	-0.0275	0.000000	0.000000	-0.000009
500	0.0025	-0.0008	-0.0269	0.000004	0.000000	-0.000007
501	0.0016	-0.0006	-0.0277	0.000005	0.000000	-0.000008
502	0.0020	-0.0012	-0.0276	0.000008	0.000000	-0.000011
503	0.0020	-0.0003	-0.0270	0.000005	0.000000	-0.000008
504	0.0016	0.0002	-0.0272	0.000008	0.000000	-0.000009
505	0.0010	-0.0014	-0.0291	0.000001	0.000014	-0.000008
506	0.0003	-0.0013	-0.0301	0.000000	-0.000005	-0.000009
507	0.0013	-0.0025	-0.0286	0.000001	0.000008	-0.000013
508	0.0011	-0.0021	-0.0288	0.000000	-0.000005	-0.000009
509	0.0003	-0.0020	-0.0294	0.000000	0.000003	-0.000009
510	0.0004	-0.0024	-0.0288	0.000000	0.000002	-0.000009
511	0.0021	0.0020	-0.0273	0.000000	0.000013	0.000009
512	0.0017	0.0019	-0.0268	0.000000	0.000009	0.000002
513	0.0021	0.0008	-0.0268	0.000000	-0.000006	-0.000004
514	0.0025	0.0014	-0.0271	0.000000	-0.000003	0.000000
515	0.0024	0.0014	-0.0266	0.000000	0.000005	0.000003
516	0.0025	0.0008	-0.0264	0.000000	-0.000001	-0.000005
517	0.0005	-0.0013	-0.0319	0.000000	0.000001	-0.000005
518	0.0004	-0.0005	-0.0315	0.000000	-0.000002	-0.000005
519	0.0002	0.0002	-0.0310	0.000000	-0.000002	-0.000004
520	0.0000	-0.0012	-0.0320	0.000000	-0.000003	0.000004
521	-0.0001	-0.0004	-0.0316	0.000000	0.000000	0.000004
522	-0.0001	0.0003	-0.0311	0.000000	-0.000001	0.000004
523	-0.0012	0.0010	-0.0275	0.000000	0.000011	0.000005
524	-0.0019	0.0016	-0.0278	0.000000	0.000005	0.000004
525	-0.0016	0.0023	-0.0280	0.000000	-0.000015	0.000009
526	-0.0009	0.0010	-0.0283	0.000000	0.000011	0.000002
527	-0.0015	0.0017	-0.0285	0.000000	0.000001	0.000004
528	-0.0013	0.0023	-0.0287	0.000000	-0.000004	-0.000004
529	-0.0008	0.0010	-0.0291	0.000000	0.000010	0.000001
530	-0.0014	0.0017	-0.0293	0.000000	0.000005	-0.000002
531	-0.0017	0.0023	-0.0295	0.000000	0.000001	-0.000003
532	-0.0008	0.0011	-0.0298	0.000000	0.000010	-0.000001
533	-0.0016	0.0017	-0.0300	0.000000	0.000007	-0.000002
534	-0.0020	0.0024	-0.0302	0.000000	0.000004	-0.000005
535	-0.0009	0.0011	-0.0305	0.000000	0.000011	-0.000001
536	-0.0018	0.0017	-0.0307	0.000000	0.000009	-0.000003
537	-0.0025	0.0024	-0.0309	0.000000	0.000007	-0.000004
538	-0.0028	0.0024	-0.0316	0.000000	0.000008	-0.000003
539	-0.0030	0.0024	-0.0323	0.000000	0.000009	-0.000001
540	-0.0011	0.0011	-0.0313	0.000000	0.000012	-0.000001
541	-0.0020	0.0018	-0.0314	0.000000	0.000010	-0.000002
542	-0.0021	0.0018	-0.0322	0.000000	0.000010	-0.000001
543	-0.0012	0.0011	-0.0320	0.000000	0.000012	-0.000001
544	0.0002	-0.0012	-0.0313	-0.000010	0.000000	0.000000
545	0.0001	-0.0003	-0.0310	-0.000009	0.000000	-0.000001
546	0.0001	0.0003	-0.0308	-0.000006	0.000000	-0.000001

547	-0.0005	0.0002	-0.0264	0.000000	0.000007	-0.000001
548	-0.0012	-0.0006	-0.0266	0.000000	0.000008	-0.000003
549	-0.0020	-0.0014	-0.0268	0.000000	0.000009	-0.000004
550	-0.0004	0.0001	-0.0274	0.000000	0.000005	-0.000001
551	-0.0009	-0.0006	-0.0276	0.000000	0.000006	-0.000003
552	-0.0015	-0.0015	-0.0277	0.000000	0.000007	-0.000005
553	-0.0003	0.0001	-0.0283	0.000000	0.000004	-0.000001
554	-0.0006	-0.0006	-0.0285	0.000000	0.000004	-0.000003
555	-0.0011	-0.0014	-0.0286	0.000000	0.000005	-0.000005
556	-0.0006	-0.0014	-0.0295	0.000000	0.000002	-0.000005
557	-0.0002	-0.0014	-0.0304	0.000000	0.000000	-0.000004
558	-0.0002	0.0001	-0.0292	0.000000	0.000002	-0.000001
559	-0.0004	-0.0006	-0.0293	0.000000	0.000002	-0.000003
560	-0.0001	-0.0006	-0.0302	0.000000	0.000001	-0.000002
561	-0.0001	0.0001	-0.0300	0.000000	0.000001	-0.000001
562	0.0001	0.0003	-0.0301	0.000000	-0.000002	0.000000
563	0.0003	-0.0005	-0.0303	0.000000	-0.000002	0.000001
564	0.0004	-0.0013	-0.0305	0.000000	-0.000001	0.000003
565	0.0002	0.0003	-0.0292	0.000000	-0.000003	0.000001
566	0.0004	-0.0005	-0.0294	0.000000	-0.000003	0.000002
567	0.0007	-0.0013	-0.0296	0.000000	-0.000003	0.000004
568	0.0003	0.0003	-0.0283	0.000000	-0.000004	0.000001
569	0.0007	-0.0005	-0.0285	0.000000	-0.000005	0.000003
570	0.0011	-0.0014	-0.0286	0.000000	-0.000005	0.000005
571	0.0015	-0.0014	-0.0277	0.000000	-0.000007	0.000005
572	0.0020	-0.0014	-0.0267	0.000000	-0.000009	0.000004
573	0.0004	0.0003	-0.0273	0.000000	-0.000005	0.000001
574	0.0009	-0.0005	-0.0275	0.000000	-0.000006	0.000003
575	0.0012	-0.0005	-0.0265	0.000000	-0.000008	0.000003
576	0.0005	0.0003	-0.0263	0.000000	-0.000007	0.000001
577	0.0011	0.0011	-0.0318	0.000000	-0.000013	0.000000
578	0.0022	0.0016	-0.0320	0.000000	-0.000011	0.000000
579	0.0031	0.0022	-0.0322	0.000000	-0.000010	0.000000
580	0.0011	0.0010	-0.0312	0.000000	-0.000013	0.000001
581	0.0021	0.0016	-0.0314	0.000000	-0.000011	0.000001
582	0.0030	0.0022	-0.0316	0.000000	-0.000010	0.000002
583	0.0010	0.0010	-0.0306	0.000000	-0.000012	0.000001
584	0.0020	0.0016	-0.0308	0.000000	-0.000010	0.000002
585	0.0028	0.0021	-0.0309	0.000000	-0.000009	0.000003
586	0.0009	0.0010	-0.0300	0.000000	-0.000012	0.000001
587	0.0018	0.0016	-0.0301	0.000000	-0.000009	0.000002
588	0.0025	0.0021	-0.0303	0.000000	-0.000007	0.000004
589	0.0008	0.0010	-0.0293	0.000000	-0.000011	-0.000001
590	0.0016	0.0015	-0.0295	0.000000	-0.000007	0.000002
591	0.0021	0.0021	-0.0297	0.000000	-0.000004	0.000003
592	0.0018	0.0021	-0.0291	0.000000	0.000001	0.000004
593	0.0020	0.0020	-0.0285	0.000000	0.000011	-0.000008
594	0.0010	0.0010	-0.0287	0.000000	-0.000012	-0.000002
595	0.0017	0.0015	-0.0289	0.000000	-0.000004	-0.000004
596	0.0021	0.0015	-0.0282	0.000000	-0.000007	-0.000004
597	0.0013	0.0009	-0.0280	0.000000	-0.000012	-0.000005
598	-0.0011	0.0009	-0.0305	0.000006	0.000000	0.000002
599	-0.0022	0.0014	-0.0309	0.000006	0.000000	0.000003
600	-0.0031	0.0019	-0.0314	0.000004	0.000000	0.000006
601	-0.0029	0.0012	-0.0307	0.000002	0.000000	0.000009
602	-0.0029	0.0005	-0.0296	0.000000	0.000000	0.000008
603	-0.0019	0.0004	-0.0293	0.000000	0.000000	0.000004
604	-0.0009	0.0004	-0.0289	0.000001	0.000000	0.000002
605	-0.0012	0.0010	-0.0316	0.000007	0.000000	0.000002
606	-0.0021	0.0017	-0.0319	0.000007	0.000000	0.000003
607	-0.0030	0.0023	-0.0321	0.000006	0.000000	0.000004
608	-0.0008	0.0003	-0.0282	-0.000001	0.000000	0.000001
609	-0.0008	0.0002	-0.0275	-0.000004	0.000000	0.000001
610	-0.0008	0.0002	-0.0267	-0.000006	0.000000	0.000000
611	-0.0017	-0.0003	-0.0269	-0.000007	0.000000	0.000002
612	-0.0026	-0.0010	-0.0271	-0.000008	0.000000	0.000005
613	-0.0018	0.0001	-0.0285	-0.000002	0.000000	0.000004
614	-0.0017	-0.0001	-0.0277	-0.000005	0.000000	0.000003
615	-0.0026	-0.0006	-0.0279	-0.000005	0.000000	0.000006
616	-0.0027	-0.0001	-0.0287	-0.000003	0.000000	0.000007
617	-0.0025	-0.0014	-0.0256	-0.000010	0.000000	0.000001
618	-0.0016	-0.0006	-0.0255	-0.000009	0.000000	0.000001

619	-0.0008	0.0002	-0.0253	-0.000009	0.000000	0.000000
620	0.0008	0.0004	-0.0287	0.000000	0.000000	-0.000001
621	0.0018	0.0003	-0.0291	-0.000001	0.000000	-0.000004
622	0.0028	0.0003	-0.0295	-0.000001	0.000000	-0.000008
623	0.0030	0.0010	-0.0306	0.000001	0.000000	-0.000008
624	0.0031	0.0016	-0.0311	0.000003	0.000000	-0.000005
625	0.0021	0.0012	-0.0307	0.000005	0.000000	-0.000003
626	0.0011	0.0008	-0.0303	0.000005	0.000000	-0.000002
627	0.0025	-0.0010	-0.0269	-0.000008	0.000000	-0.000004
628	0.0016	-0.0003	-0.0267	-0.000007	0.000000	-0.000002
629	0.0007	0.0003	-0.0265	-0.000006	0.000000	0.000001
630	0.0007	0.0003	-0.0273	-0.000004	0.000000	0.000000
631	0.0008	0.0003	-0.0280	-0.000002	0.000000	-0.000001
632	0.0026	-0.0006	-0.0277	-0.000006	0.000000	-0.000005
633	0.0016	-0.0002	-0.0275	-0.000005	0.000000	-0.000002
634	0.0017	0.0001	-0.0283	-0.000003	0.000000	-0.000003
635	0.0026	-0.0002	-0.0285	-0.000004	0.000000	-0.000006
636	0.0033	0.0013	-0.0307	0.000002	0.000000	-0.000008
637	0.0033	0.0016	-0.0310	0.000003	0.000000	-0.000007
638	0.0011	0.0010	-0.0313	0.000006	0.000000	-0.000002
639	0.0021	0.0015	-0.0316	0.000006	0.000000	-0.000003
640	0.0030	0.0020	-0.0318	0.000005	0.000000	-0.000004
641	0.0025	-0.0013	-0.0253	-0.000010	0.000000	-0.000001
642	0.0016	-0.0005	-0.0252	-0.000009	0.000000	0.000000
643	0.0007	0.0004	-0.0251	-0.000009	0.000000	0.000000
644	0.0007	0.0034	-0.0261	0.000008	0.000000	0.000001
645	0.0012	0.0041	-0.0263	0.000007	0.000000	0.000001
646	0.0019	0.0047	-0.0264	0.000008	0.000000	0.000002
647	0.0019	0.0046	-0.0268	0.000009	0.000000	0.000003
648	0.0019	0.0044	-0.0272	0.000012	0.000000	0.000005
649	0.0013	0.0033	-0.0271	0.000012	0.000000	0.000007
650	0.0007	0.0024	-0.0270	0.000009	0.000000	0.000010
651	0.0007	0.0013	-0.0277	0.000013	0.000000	0.000012
652	0.0008	0.0003	-0.0284	0.000009	0.000000	0.000009
653	0.0012	0.0025	-0.0278	0.000015	0.000000	0.000008
654	0.0012	0.0015	-0.0285	0.000022	0.000000	0.000010
655	0.0015	0.0030	-0.0285	0.000017	0.000000	0.000007
656	0.0017	0.0037	-0.0278	0.000016	0.000000	0.000004
657	0.0017	0.0046	-0.0267	0.000000	-0.000007	-0.000002
658	0.0010	0.0046	-0.0273	0.000000	-0.000009	-0.000014
659	0.0008	0.0035	-0.0264	0.000000	-0.000005	0.000003
660	0.0012	0.0041	-0.0266	0.000000	-0.000004	-0.000001
661	0.0012	0.0040	-0.0272	0.000000	0.000012	-0.000001
662	0.0013	0.0034	-0.0270	0.000000	-0.000009	0.000012
663	0.0016	0.0022	-0.0324	0.000000	-0.000002	0.000001
664	0.0015	0.0022	-0.0308	0.000000	-0.000020	0.000000
665	0.0008	-0.0002	-0.0316	0.000000	-0.000003	-0.000005
666	0.0012	0.0009	-0.0320	0.000000	-0.000008	-0.000001
667	0.0013	0.0008	-0.0306	0.000000	0.000011	-0.000001
668	0.0011	-0.0003	-0.0304	0.000000	-0.000019	-0.000002
669	0.0010	0.0025	-0.0271	0.000012	0.000000	-0.000003
670	0.0008	0.0037	-0.0272	0.000014	0.000000	0.000001
671	0.0006	0.0049	-0.0273	0.000014	0.000000	0.000006
672	0.0006	0.0045	-0.0271	0.000012	0.000000	0.000008
673	0.0006	0.0043	-0.0269	0.000009	0.000000	0.000001
674	0.0008	0.0035	-0.0268	0.000007	0.000000	-0.000004
675	0.0010	0.0028	-0.0267	0.000006	0.000000	-0.000004
676	0.0009	0.0014	-0.0278	0.000011	0.000000	-0.000006
677	0.0010	0.0020	-0.0274	0.000016	0.000000	-0.000006
678	0.0008	0.0047	-0.0278	0.000020	0.000000	-0.000004
679	0.0008	0.0029	-0.0278	0.000027	0.000000	-0.000006
680	0.0008	0.0034	-0.0275	0.000018	0.000000	-0.000002
681	0.0007	0.0049	-0.0275	0.000020	0.000000	0.000004
682	0.0006	0.0041	-0.0300	0.000002	0.000022	-0.000001
683	0.0007	0.0040	-0.0320	0.000000	-0.000004	0.000000
684	0.0005	0.0009	-0.0297	0.000001	0.000016	0.000000
685	0.0007	0.0024	-0.0299	-0.000001	-0.000015	0.000000
686	0.0007	0.0024	-0.0316	0.000000	0.000006	0.000001
687	0.0007	0.0010	-0.0312	0.000000	-0.000002	0.000004
688	0.0007	0.0041	-0.0280	0.000000	0.000002	0.000007
689	0.0005	0.0041	-0.0274	0.000000	0.000001	-0.000002
690	-0.0001	0.0030	-0.0277	0.000000	0.000005	-0.000013

691	0.0003	0.0036	-0.0278	0.000000	-0.000013	-0.000002
692	0.0005	0.0036	-0.0273	0.000000	-0.000001	-0.000004
693	0.0006	0.0030	-0.0271	0.000000	0.000002	-0.000007
694	0.0008	-0.0046	-0.0330	0.000000	0.000000	-0.000005
695	0.0006	-0.0038	-0.0327	0.000000	-0.000005	-0.000002
696	0.0004	-0.0030	-0.0325	0.000000	-0.000001	0.000001
697	0.0004	-0.0046	-0.0332	0.000000	-0.000002	-0.000001
698	0.0005	-0.0038	-0.0329	0.000000	0.000002	-0.000002
699	0.0005	-0.0030	-0.0327	0.000000	-0.000001	-0.000004
700	0.0007	0.0035	-0.0284	0.000000	-0.000007	-0.000018
701	0.0005	0.0041	-0.0285	0.000000	0.000011	-0.000007
702	0.0003	0.0046	-0.0286	0.000000	-0.000007	0.000003
703	-0.0006	0.0035	-0.0291	0.000000	-0.000003	-0.000009
704	-0.0003	0.0041	-0.0292	0.000000	-0.000004	-0.000010
705	-0.0001	0.0047	-0.0293	0.000000	-0.000002	-0.000012
706	-0.0015	0.0035	-0.0298	0.000000	-0.000002	-0.000009
707	-0.0014	0.0041	-0.0299	0.000000	-0.000001	-0.000011
708	-0.0013	0.0047	-0.0300	0.000000	-0.000002	-0.000012
709	-0.0024	0.0036	-0.0305	0.000000	0.000001	-0.000009
710	-0.0025	0.0041	-0.0306	0.000000	0.000001	-0.000011
711	-0.0026	0.0047	-0.0307	0.000000	0.000000	-0.000013
712	-0.0033	0.0036	-0.0312	0.000000	0.000004	-0.000008
713	-0.0036	0.0041	-0.0313	0.000000	0.000003	-0.000010
714	-0.0038	0.0047	-0.0314	0.000000	0.000002	-0.000012
715	-0.0048	0.0047	-0.0321	0.000000	0.000005	-0.000010
716	-0.0056	0.0047	-0.0328	0.000000	0.000007	-0.000006
717	-0.0040	0.0036	-0.0319	0.000000	0.000006	-0.000006
718	-0.0044	0.0042	-0.0320	0.000000	0.000006	-0.000008
719	-0.0050	0.0042	-0.0327	0.000000	0.000008	-0.000004
720	-0.0044	0.0036	-0.0326	0.000000	0.000008	-0.000002
721	0.0005	-0.0044	-0.0320	-0.000010	0.000000	0.000001
722	0.0004	-0.0037	-0.0319	-0.000010	0.000000	0.000001
723	0.0003	-0.0029	-0.0317	-0.000010	0.000000	0.000000
724	-0.0035	-0.0031	-0.0271	0.000000	0.000009	-0.000006
725	-0.0042	-0.0038	-0.0273	0.000000	0.000010	-0.000007
726	-0.0051	-0.0046	-0.0274	0.000000	0.000013	-0.000007
727	-0.0028	-0.0031	-0.0280	0.000000	0.000008	-0.000008
728	-0.0035	-0.0038	-0.0281	0.000000	0.000009	-0.000010
729	-0.0041	-0.0046	-0.0282	0.000000	0.000008	-0.000013
730	-0.0020	-0.0030	-0.0289	0.000000	0.000006	-0.000010
731	-0.0024	-0.0038	-0.0290	0.000000	0.000006	-0.000012
732	-0.0028	-0.0046	-0.0291	0.000000	0.000005	-0.000015
733	-0.0015	-0.0046	-0.0300	0.000000	0.000002	-0.000013
734	-0.0003	-0.0046	-0.0310	0.000000	0.000001	-0.000012
735	-0.0010	-0.0030	-0.0298	0.000000	0.000003	-0.000010
736	-0.0013	-0.0038	-0.0299	0.000000	0.000003	-0.000012
737	-0.0002	-0.0038	-0.0309	0.000000	0.000001	-0.000010
738	-0.0002	-0.0030	-0.0307	0.000000	0.000000	-0.000008
739	0.0007	-0.0030	-0.0308	0.000000	-0.000002	0.000006
740	0.0009	-0.0038	-0.0310	0.000000	-0.000003	0.000007
741	0.0011	-0.0046	-0.0311	0.000000	-0.000004	0.000010
742	0.0013	-0.0030	-0.0299	0.000000	-0.000004	0.000008
743	0.0017	-0.0038	-0.0300	0.000000	-0.000005	0.000010
744	0.0022	-0.0046	-0.0301	0.000000	-0.000006	0.000012
745	0.0021	-0.0030	-0.0289	0.000000	-0.000007	0.000009
746	0.0027	-0.0038	-0.0290	0.000000	-0.000008	0.000011
747	0.0033	-0.0047	-0.0291	0.000000	-0.000009	0.000013
748	0.0045	-0.0047	-0.0282	0.000000	-0.000011	0.000012
749	0.0054	-0.0047	-0.0273	0.000000	-0.000013	0.000008
750	0.0029	-0.0031	-0.0280	0.000000	-0.000009	0.000008
751	0.0037	-0.0039	-0.0281	0.000000	-0.000010	0.000010
752	0.0045	-0.0039	-0.0271	0.000000	-0.000012	0.000008
753	0.0036	-0.0031	-0.0270	0.000000	-0.000011	0.000007
754	0.0047	0.0032	-0.0324	0.000000	-0.000010	0.000000
755	0.0055	0.0037	-0.0326	0.000000	-0.000010	0.000000
756	0.0063	0.0041	-0.0327	0.000000	-0.000010	0.000000
757	0.0046	0.0032	-0.0318	0.000000	-0.000009	0.000003
758	0.0053	0.0037	-0.0320	0.000000	-0.000009	0.000003
759	0.0061	0.0041	-0.0321	0.000000	-0.000010	0.000004
760	0.0042	0.0032	-0.0312	0.000000	-0.000008	0.000005
761	0.0048	0.0036	-0.0313	0.000000	-0.000008	0.000007
762	0.0055	0.0041	-0.0315	0.000000	-0.000009	0.000007

763	0.0035	0.0031	-0.0306	0.000000	-0.000006	0.000007
764	0.0040	0.0036	-0.0307	0.000000	-0.000007	0.000009
765	0.0046	0.0041	-0.0309	0.000000	-0.000007	0.000010
766	0.0027	0.0031	-0.0300	0.000000	-0.000004	0.000009
767	0.0031	0.0036	-0.0302	0.000000	-0.000005	0.000010
768	0.0035	0.0041	-0.0303	0.000000	-0.000005	0.000012
769	0.0023	0.0041	-0.0297	0.000000	-0.000006	0.000011
770	0.0016	0.0041	-0.0291	0.000000	-0.000004	0.000004
771	0.0018	0.0031	-0.0294	0.000000	-0.000002	0.000010
772	0.0020	0.0036	-0.0296	0.000000	-0.000004	0.000012
773	0.0009	0.0036	-0.0290	0.000000	-0.000014	0.000010
774	0.0004	0.0031	-0.0288	0.000000	0.000003	0.000018
775	-0.0037	0.0011	-0.0304	0.000002	0.000000	0.000011
776	-0.0037	0.0016	-0.0310	0.000004	0.000000	0.000009
777	-0.0045	0.0020	-0.0311	0.000004	0.000000	0.000010
778	-0.0053	0.0022	-0.0312	0.000002	0.000000	0.000012
779	-0.0061	0.0024	-0.0313	0.000001	0.000000	0.000017
780	-0.0061	0.0013	-0.0309	0.000001	0.000000	0.000021
781	-0.0061	0.0002	-0.0302	0.000000	0.000000	0.000021
782	-0.0053	0.0002	-0.0300	-0.000001	0.000000	0.000016
783	-0.0045	0.0003	-0.0298	-0.000002	0.000000	0.000014
784	-0.0037	0.0004	-0.0297	-0.000001	0.000000	0.000011
785	-0.0043	-0.0015	-0.0283	-0.000006	0.000000	0.000011
786	-0.0051	-0.0021	-0.0284	-0.000007	0.000000	0.000014
787	-0.0058	-0.0025	-0.0286	-0.000004	0.000000	0.000017
788	-0.0052	-0.0010	-0.0292	-0.000003	0.000000	0.000016
789	-0.0044	-0.0007	-0.0291	-0.000004	0.000000	0.000013
790	-0.0053	0.0032	-0.0320	0.000005	0.000000	0.000011
791	-0.0052	0.0039	-0.0327	0.000007	0.000000	0.000007
792	-0.0044	0.0033	-0.0325	0.000006	0.000000	0.000006
793	-0.0045	0.0027	-0.0318	0.000005	0.000000	0.000009
794	-0.0058	-0.0037	-0.0279	-0.000009	0.000000	0.000013
795	-0.0051	-0.0030	-0.0277	-0.000008	0.000000	0.000012
796	-0.0043	-0.0024	-0.0275	-0.000009	0.000000	0.000010
797	-0.0059	-0.0012	-0.0293	-0.000003	0.000000	0.000017
798	-0.0038	0.0000	-0.0294	-0.000002	0.000000	0.000011
799	-0.0040	0.0000	-0.0294	-0.000002	0.000000	0.000012
800	-0.0059	0.0044	-0.0328	0.000007	0.000000	0.000008
801	-0.0059	0.0036	-0.0321	0.000005	0.000000	0.000012
802	-0.0039	0.0020	-0.0312	0.000004	0.000000	0.000009
803	0.0045	0.0007	-0.0304	-0.000001	0.000000	-0.000012
804	0.0054	0.0007	-0.0305	-0.000001	0.000000	-0.000015
805	0.0063	0.0007	-0.0306	0.000000	0.000000	-0.000018
806	0.0063	0.0016	-0.0312	0.000000	0.000000	-0.000018
807	0.0063	0.0025	-0.0316	0.000001	0.000000	-0.000014
808	0.0055	0.0024	-0.0314	0.000002	0.000000	-0.000009
809	0.0046	0.0021	-0.0313	0.000004	0.000000	-0.000008
810	0.0054	0.0029	-0.0320	0.000004	0.000000	-0.000009
811	0.0053	0.0034	-0.0326	0.000005	0.000000	-0.000007
812	0.0063	0.0035	-0.0324	0.000004	0.000000	-0.000010
813	0.0058	0.0032	-0.0322	0.000004	0.000000	-0.000010
814	0.0063	0.0031	-0.0320	0.000003	0.000000	-0.000012
815	0.0059	-0.0024	-0.0285	-0.000006	0.000000	-0.000015
816	0.0051	-0.0020	-0.0283	-0.000006	0.000000	-0.000012
817	0.0043	-0.0016	-0.0281	-0.000006	0.000000	-0.000010
818	0.0053	-0.0003	-0.0298	-0.000002	0.000000	-0.000014
819	0.0052	-0.0012	-0.0291	-0.000004	0.000000	-0.000014
820	0.0062	-0.0008	-0.0297	-0.000003	0.000000	-0.000017
821	0.0058	-0.0005	-0.0297	-0.000003	0.000000	-0.000015
822	0.0045	0.0029	-0.0324	0.000005	0.000000	-0.000006
823	0.0045	0.0025	-0.0318	0.000004	0.000000	-0.000007
824	0.0059	0.0037	-0.0327	0.000005	0.000000	-0.000008
825	0.0063	0.0040	-0.0328	0.000005	0.000000	-0.000008
826	0.0059	0.0029	-0.0319	0.000003	0.000000	-0.000011
827	0.0066	0.0032	-0.0321	0.000003	0.000000	-0.000013
828	0.0043	-0.0024	-0.0273	-0.000009	0.000000	-0.000008
829	0.0051	-0.0030	-0.0274	-0.000009	0.000000	-0.000010
830	0.0059	-0.0036	-0.0276	-0.000008	0.000000	-0.000011
831	0.0045	-0.0001	-0.0297	-0.000002	0.000000	-0.000012
832	0.0044	-0.0009	-0.0289	-0.000004	0.000000	-0.000011
833	0.0056	-0.0014	-0.0291	-0.000004	0.000000	-0.000014
834	0.0027	0.0060	-0.0278	0.000016	0.000000	-0.000002

835	0.0034	0.0074	-0.0279	0.000015	0.000000	-0.000005
836	0.0040	0.0089	-0.0279	0.000018	0.000000	-0.000010
837	0.0034	0.0066	-0.0268	0.000009	0.000000	-0.000003
838	0.0034	0.0070	-0.0273	0.000012	0.000000	-0.000005
839	0.0027	0.0058	-0.0268	0.000009	0.000000	-0.000001
840	0.0040	0.0096	-0.0285	0.000020	0.000000	-0.000007
841	0.0034	0.0077	-0.0285	0.000023	0.000000	-0.000003
842	0.0028	0.0060	-0.0284	0.000014	0.000000	0.000003
843	0.0040	0.0075	-0.0268	0.000010	0.000000	-0.000006
844	0.0040	0.0081	-0.0273	0.000013	0.000000	-0.000009
845	0.0027	0.0059	-0.0273	0.000011	0.000000	-0.000001
846	0.0023	0.0053	-0.0265	0.000008	0.000000	0.000001
847	0.0034	0.0066	-0.0268	0.000000	-0.000008	0.000001
848	0.0035	0.0066	-0.0273	0.000000	-0.000006	0.000000
849	0.0032	0.0066	-0.0278	0.000000	-0.000004	-0.000013
850	0.0033	0.0059	-0.0277	0.000000	0.000003	0.000009
851	0.0029	0.0059	-0.0272	0.000000	-0.000004	0.000003
852	0.0028	0.0058	-0.0267	0.000000	-0.000006	0.000002
853	0.0029	0.0055	-0.0276	0.000000	-0.000011	0.000008
854	0.0043	0.0072	-0.0269	0.000000	-0.000012	0.000010
855	0.0044	0.0071	-0.0274	0.000000	-0.000025	0.000002
856	0.0040	0.0070	-0.0279	0.000000	-0.000024	-0.000005
857	0.0026	0.0055	-0.0272	0.000000	-0.000010	0.000004
858	0.0038	0.0080	-0.0339	0.000000	-0.000011	0.000006
859	0.0035	0.0080	-0.0322	0.000000	-0.000007	0.000003
860	0.0034	0.0079	-0.0306	0.000000	-0.000001	0.000001
861	0.0033	0.0057	-0.0306	0.000000	-0.000005	0.000002
862	0.0029	0.0057	-0.0321	0.000000	-0.000006	-0.000011
863	0.0026	0.0058	-0.0336	0.000000	-0.000015	-0.000001
864	0.0032	0.0047	-0.0308	0.000000	0.000011	-0.000019
865	0.0038	0.0100	-0.0303	0.000000	-0.000008	-0.000003
866	0.0024	0.0047	-0.0323	0.000000	-0.000011	-0.000005
867	0.0019	0.0048	-0.0336	0.000000	-0.000012	-0.000012
868	0.0005	0.0047	-0.0270	0.000010	0.000000	0.000004
869	0.0041	-0.0075	-0.0335	0.000000	-0.000024	-0.000009
870	0.0021	-0.0065	-0.0333	0.000000	-0.000021	-0.000004
871	0.0005	-0.0062	-0.0334	0.000000	0.000003	-0.000006
872	-0.0029	0.0057	-0.0310	0.000000	0.000000	-0.000016
873	-0.0055	0.0056	-0.0324	0.000000	0.000004	-0.000012
874	-0.0064	0.0055	-0.0330	0.000000	0.000006	-0.000008
875	-0.0014	0.0058	-0.0304	0.000000	-0.000002	-0.000015
876	0.0000	0.0060	-0.0298	0.000000	-0.000004	-0.000015
877	0.0023	0.0064	-0.0288	0.000000	0.000001	-0.000005
878	0.0015	0.0061	-0.0292	0.000000	-0.000005	-0.000017
879	0.0025	0.0058	-0.0286	0.000000	-0.000005	-0.000023
880	-0.0043	0.0057	-0.0317	0.000000	0.000002	-0.000014
881	0.0005	-0.0066	-0.0313	0.000000	-0.000012	-0.000016
882	0.0019	-0.0073	-0.0317	0.000000	-0.000018	-0.000019
883	0.0072	-0.0062	-0.0275	0.000000	-0.000010	0.000008
884	0.0080	-0.0070	-0.0276	0.000000	-0.000011	0.000006
885	0.0089	-0.0077	-0.0276	0.000000	-0.000014	0.000006
886	0.0061	-0.0062	-0.0284	0.000000	-0.000011	0.000013
887	0.0068	-0.0068	-0.0284	0.000000	-0.000012	0.000013
888	0.0077	-0.0075	-0.0285	0.000000	-0.000013	0.000013
889	0.0046	-0.0061	-0.0293	0.000000	-0.000010	0.000015
890	0.0053	-0.0067	-0.0293	0.000000	-0.000011	0.000016
891	0.0059	-0.0073	-0.0294	0.000000	-0.000012	0.000017
892	0.0039	-0.0071	-0.0303	0.000000	-0.000010	0.000018
893	0.0021	-0.0068	-0.0313	0.000000	-0.000006	0.000014
894	0.0032	-0.0060	-0.0301	0.000000	-0.000008	0.000016
895	0.0035	-0.0065	-0.0302	0.000000	-0.000009	0.000016
896	0.0018	-0.0062	-0.0312	0.000000	-0.000006	0.000014
897	0.0021	-0.0059	-0.0308	0.000000	-0.000007	0.000014
898	0.0096	0.0061	-0.0330	0.000000	-0.000011	-0.000002
899	0.0087	0.0056	-0.0329	0.000000	-0.000010	-0.000001
900	0.0079	0.0051	-0.0329	0.000000	-0.000010	-0.000001
901	0.0092	0.0060	-0.0324	0.000000	-0.000011	0.000004
902	0.0084	0.0055	-0.0324	0.000000	-0.000011	0.000005
903	0.0076	0.0050	-0.0323	0.000000	-0.000010	0.000005
904	0.0084	0.0058	-0.0319	0.000000	-0.000011	0.000009
905	0.0076	0.0054	-0.0318	0.000000	-0.000010	0.000009
906	0.0068	0.0050	-0.0317	0.000000	-0.000009	0.000009

907	0.0071	0.0057	-0.0313	0.000000	-0.000010	0.000013
908	0.0064	0.0053	-0.0312	0.000000	-0.000009	0.000013
909	0.0057	0.0049	-0.0311	0.000000	-0.000008	0.000012
910	0.0055	0.0055	-0.0307	0.000000	-0.000007	0.000016
911	0.0050	0.0052	-0.0306	0.000000	-0.000006	0.000015
912	0.0044	0.0049	-0.0305	0.000000	-0.000006	0.000014
913	0.0041	0.0054	-0.0303	0.000000	-0.000005	0.000018
914	0.0035	0.0051	-0.0301	0.000000	-0.000003	0.000016
915	0.0030	0.0049	-0.0299	0.000000	-0.000001	0.000015
916	0.0015	0.0049	-0.0294	0.000000	0.000004	0.000015
917	0.0021	0.0051	-0.0296	0.000000	0.000002	0.000018
918	0.0029	0.0053	-0.0299	0.000000	-0.000002	0.000019
919	0.0074	0.0007	-0.0307	0.000000	0.000000	-0.000020
920	0.0081	0.0007	-0.0308	0.000000	0.000000	-0.000021
921	0.0087	0.0007	-0.0308	0.000000	0.000000	-0.000023
922	0.0094	0.0007	-0.0309	0.000000	0.000000	-0.000025
923	0.0094	-0.0040	-0.0290	-0.000006	0.000000	-0.000023
924	0.0087	-0.0036	-0.0290	-0.000005	0.000000	-0.000020
925	0.0080	-0.0033	-0.0289	-0.000004	0.000000	-0.000019
926	0.0073	-0.0030	-0.0288	-0.000004	0.000000	-0.000018
927	0.0082	-0.0055	-0.0277	-0.000007	0.000000	-0.000013
928	0.0081	-0.0045	-0.0283	-0.000006	0.000000	-0.000016
929	0.0074	-0.0043	-0.0280	-0.000005	0.000000	-0.000014
930	0.0074	-0.0051	-0.0275	-0.000005	0.000000	-0.000012
931	0.0074	0.0020	-0.0314	0.000001	0.000000	-0.000019
932	0.0075	0.0032	-0.0320	0.000003	0.000000	-0.000016
933	0.0075	0.0043	-0.0327	0.000004	0.000000	-0.000013
934	0.0084	0.0048	-0.0328	0.000005	0.000000	-0.000014
935	0.0092	0.0051	-0.0328	0.000004	0.000000	-0.000017
936	0.0082	0.0021	-0.0314	0.000001	0.000000	-0.000020
937	0.0083	0.0035	-0.0321	0.000003	0.000000	-0.000018
938	0.0092	0.0035	-0.0321	0.000003	0.000000	-0.000021
939	0.0089	0.0021	-0.0314	0.000001	0.000000	-0.000022
940	0.0095	0.0020	-0.0314	0.000001	0.000000	-0.000024
941	0.0094	-0.0017	-0.0300	-0.000003	0.000000	-0.000025
942	0.0087	-0.0016	-0.0299	-0.000003	0.000000	-0.000023
943	0.0080	-0.0014	-0.0298	-0.000003	0.000000	-0.000021
944	0.0074	-0.0012	-0.0298	-0.000002	0.000000	-0.000020
945	0.0094	-0.0059	-0.0281	-0.000009	0.000000	-0.000017
946	0.0087	-0.0050	-0.0283	-0.000007	0.000000	-0.000017
947	0.0087	-0.0059	-0.0277	-0.000008	0.000000	-0.000014
948	0.0092	-0.0076	-0.0265	-0.000010	0.000000	-0.000007
949	0.0083	-0.0068	-0.0265	-0.000009	0.000000	-0.000007
950	0.0075	-0.0060	-0.0264	-0.000008	0.000000	-0.000005

4.1.3.2 Sollecitazioni

Tabella 6.I

Asta	Imp.	Fili	Sollecitazioni						
			X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	-176.66	-41.15	-236.72	-405.54	-172.90	-111.39
			20	-190.31	-41.15	-291.05	-192.32	-150.50	-112.43
			40	-203.98	-41.15	-302.69	21.44	-127.97	-112.76
2	Fond.	1, 2	0	-314.47	-46.33	-302.72	-516.36	-129.61	-101.65
			28	-333.30	-46.33	-396.66	-221.26	-101.71	-101.09
			55	-352.17	-46.33	-409.19	75.66	-74.10	-99.55
3	Fond.	1, 2	0	-348.72	-46.33	-409.19	75.66	-74.10	-99.55
			28	-367.64	-46.33	-339.74	374.95	-47.03	-97.18
			55	-386.61	-46.33	-187.58	677.15	-20.71	-94.10
4	Fond.	1, 2	0	-181.89	-49.36	-187.75	-256.25	-18.05	-73.36
			46	-213.47	-49.36	-176.26	252.99	14.03	-66.81
			91	-245.13	-49.36	70.11	772.53	42.70	-58.46
5	Fond.	1, 2	0	-89.33	-45.36	69.72	-646.26	45.14	-68.58
			46	-121.05	-45.36	-92.07	-115.92	74.17	-58.19
			91	-152.81	-45.36	-9.15	425.48	97.90	-45.27
6	Fond.	1, 2	0	270.98	-34.28	-9.56	-626.22	102.02	-57.61
			46	239.24	-34.28	-157.08	-73.32	124.78	-41.46
			91	207.58	-34.28	-49.40	491.75	139.26	-21.16

RELAZIONE DI CALCOLO -

7	Fond.	9, 1	0	14.00	274.73	-166.31	-59.80	181.77	142.82
			38	11.21	274.73	-105.41	370.94	125.99	148.70
			77	8.43	274.73	119.83	797.74	67.36	157.85
8	Fond.	9, 1	0	40.32	269.34	120.00	-460.78	70.97	114.06
			38	37.55	269.34	25.68	-37.86	24.90	126.95
			77	34.78	269.34	92.70	380.98	-26.87	143.82
9	Fond.	9, 1	0	-3.96	247.48	92.89	-590.99	-26.23	170.60
			38	-6.72	247.48	-52.93	-176.40	-95.50	191.44
			77	-9.48	247.48	-40.65	233.92	-173.47	215.95
10	Fond.	2, 5	0	527.94	51.46	-24.88	-63.73	128.83	167.86
			43	506.45	51.46	73.56	478.30	62.24	140.35
			87	485.14	51.45	406.69	1019.75	6.43	118.17
11	Fond.	2, 5	0	941.66	23.79	406.76	-6.77	-15.12	166.39
			43	920.58	23.78	529.29	532.89	-83.41	149.75
			87	899.82	23.78	884.76	1068.32	-145.65	138.33
12	Fond.	2, 5	0	851.50	5.51	885.05	-2130.95	-157.58	154.82
			43	831.03	5.51	84.53	-1603.30	-223.00	147.79
			87	810.84	5.51	-489.62	-1085.76	-286.11	143.85
13	Fond.	3, 4	0	186.83	5.38	-51.41	-476.65	112.65	-2.41
			45	217.65	5.39	-156.53	62.63	108.19	21.41
			90	248.54	5.39	-20.92	593.53	94.04	40.78
14	Fond.	3, 4	0	-174.60	15.00	-20.64	-414.15	89.79	29.41
			45	-143.69	15.00	-101.35	109.03	72.90	45.10
			90	-112.84	15.00	51.74	624.96	49.65	57.76
15	Fond.	3, 4	0	-257.61	18.70	52.00	-760.22	46.58	49.29
			45	-226.82	18.70	-187.61	-251.21	22.04	59.40
			90	-196.12	18.70	-199.60	251.44	-6.54	67.23
16	Fond.	3, 4	0	-386.97	16.67	-199.51	-634.57	-9.20	82.43
			28	-368.26	16.67	-339.57	-329.99	-32.40	86.12
			55	-349.59	16.67	-396.08	-26.93	-56.49	88.96
17	Fond.	3, 4	0	-351.04	16.67	-396.08	-26.93	-56.49	88.96
			28	-332.43	16.67	-369.38	275.13	-81.24	90.85
			55	-313.85	16.67	-259.67	576.72	-106.36	91.68
18	Fond.	3, 4	0	-187.16	13.15	-259.67	-49.69	-105.42	98.83
			22	-172.32	13.15	-250.00	191.54	-127.16	98.62
			44	-157.50	13.15	-187.24	432.95	-148.75	97.51
19	Fond.	8, 3	0	825.99	-5.18	-433.02	1032.45	-267.07	-120.90
			43	847.69	-5.18	118.85	1548.49	-213.39	-126.52
			87	869.68	-5.18	896.53	2071.94	-156.66	-135.14
20	Fond.	8, 3	0	897.29	-19.23	896.35	-1084.39	-145.20	-121.44
			43	919.58	-19.23	530.85	-556.01	-89.79	-134.35
			87	942.17	-19.23	395.27	-26.32	-27.67	-152.39
21	Fond.	8, 3	0	465.59	-47.63	395.31	-1035.95	-6.52	-100.62
			43	488.42	-47.63	50.88	-507.38	42.13	-124.19
			87	511.42	-47.63	-64.37	18.93	102.21	-153.19
22	Fond.	4, 12	0	15.31	-198.38	-13.51	-270.74	-149.15	-193.10
			38	18.09	-198.38	-37.52	152.00	-79.87	-168.94
			77	20.87	-198.38	101.25	578.52	-19.17	-148.40
23	Fond.	4, 12	0	75.22	-218.81	101.08	-403.23	-19.14	-124.09
			38	78.02	-218.81	27.73	27.01	25.10	-107.40
			77	80.84	-218.82	119.97	460.79	63.69	-94.56
24	Fond.	4, 12	0	60.97	-223.48	119.83	-808.48	60.66	-133.53
			38	63.81	-223.48	-107.56	-371.37	109.97	-124.32
			77	66.67	-223.49	-166.76	69.13	156.38	-118.31
25	Fond.	5, 6	0	295.79	96.67	1757.63	-2361.99	-377.96	-226.07
			188	290.87	96.67	-636.13	-179.05	-29.88	-152.25
			376	287.79	96.67	1151.43	2111.46	242.49	-148.91
26	Fond.	9, 5	0	161.37	-129.09	374.54	-1856.05	-46.41	-19.79
			213	138.35	-129.08	-1224.51	303.65	-11.12	-2.64
			425	116.45	-129.09	1759.17	2556.41	-75.78	71.81
27	Fond.	6, 7	0	138.69	15.23	974.69	-1072.19	50.91	-22.10
			90	138.71	15.23	527.50	80.95	76.87	-36.19
			180	138.93	15.23	1120.39	1234.28	116.45	-51.54
28	Fond.	6, 10	0	613.84	156.04	-172.98	589.74	186.17	170.02
			36	618.74	156.04	125.00	1065.42	124.59	169.67
			73	623.79	156.04	595.64	1542.55	63.19	169.06
29	Fond.	6, 10	0	1022.94	147.62	595.62	-618.26	59.35	173.84
			36	1028.18	147.62	455.97	-140.73	-3.57	173.35
			73	1033.66	147.62	489.17	335.65	-66.36	173.11
30	Fond.	7, 8	0	205.45	-75.64	1335.25	-2274.73	255.95	147.56
			198	209.23	-75.64	-762.17	111.73	-23.02	147.94
			395	214.48	-75.64	1696.35	2377.68	-387.19	230.64

RELAZIONE DI CALCOLO -

31	Fond.	7, 11	0	728.12	-191.00	-192.08	702.48	-137.97	-100.50
			36	733.92	-191.00	146.43	1178.36	-101.60	-100.09
			73	739.89	-190.99	657.76	1656.28	-65.44	-99.42
32	Fond.	7, 11	0	1173.13	-174.95	657.72	-634.17	-65.59	-115.56
			36	1179.33	-174.95	512.13	-155.41	-23.81	-114.98
			73	1185.80	-174.95	539.88	322.45	17.80	-114.66
33	Fond.	8, 12	0	93.37	104.40	1662.41	-2493.80	-105.19	-88.37
			203	115.16	104.40	-1148.76	-319.05	-13.66	-10.68
			405	137.79	104.40	305.93	1799.53	-20.67	6.52
34	Fond.	15, 9	0	44.60	1.47	53.12	-700.71	-18.24	-0.56
			50	39.66	1.46	-120.04	-1.55	-18.01	-0.34
			100	34.73	1.46	54.04	688.40	-17.89	-0.15
35	Fond.	15, 9	0	96.67	-0.04	54.32	-642.04	-16.99	-6.53
			50	91.77	-0.05	-94.04	39.21	-13.74	-6.55
			100	86.92	-0.05	96.10	712.15	-10.39	-6.93
36	Fond.	15, 9	0	178.94	-4.78	96.35	-653.59	-8.96	-5.80
			50	174.14	-4.78	-61.94	11.28	-5.86	-6.69
			100	169.42	-4.79	110.16	668.17	-2.18	-8.16
37	Fond.	15, 9	0	256.49	-10.75	110.41	-646.87	-0.44	-10.54
			50	251.86	-10.75	-48.58	2.07	5.32	-12.63
			100	247.35	-10.76	114.85	643.03	12.29	-15.32
38	Fond.	15, 9	0	313.27	-22.29	115.11	-622.03	14.24	-7.18
			50	308.89	-22.30	-35.56	10.88	18.61	-10.37
			100	304.64	-22.30	128.14	635.65	24.67	-13.90
39	Fond.	15, 9	0	325.77	-31.09	128.40	-576.75	25.52	-22.82
			50	321.66	-31.09	-3.84	39.69	37.84	-26.44
			100	317.69	-31.10	169.94	647.50	51.92	-29.83
40	Fond.	15, 9	0	236.70	-45.26	170.22	-591.53	54.44	-17.12
			50	232.86	-45.26	26.10	7.16	63.71	-19.78
			100	229.12	-45.27	178.86	596.13	73.99	-21.08
41	Fond.	15, 9	0	62.54	-53.46	179.19	-1080.92	77.77	-55.18
			50	58.87	-53.47	-214.66	-502.24	105.27	-54.38
			100	55.22	-53.47	-321.72	66.59	131.64	-50.49
42	Fond.	10, 11	0	285.65	1.95	96.92	-519.66	-52.54	-27.54
			45	285.51	1.94	-4.05	70.82	-38.59	-34.46
			90	285.48	1.94	160.85	662.14	-21.50	-41.56
43	Fond.	10, 11	0	268.09	2.66	160.83	-627.28	-17.26	-28.47
			45	268.16	2.66	11.68	-35.45	-2.79	-35.95
			90	268.32	2.66	128.85	556.52	15.17	-43.92
44	Fond.	10, 13	0	1091.35	42.93	488.26	-893.86	-11.83	-6.93
			47	1098.84	42.93	209.35	-279.21	-8.53	-7.05
			94	1106.77	42.93	218.17	328.80	-5.21	-7.05
45	Fond.	10, 13	0	934.92	38.29	218.44	-687.13	-2.71	0.49
			47	943.25	38.29	33.20	-87.13	-2.96	0.54
			94	951.95	38.29	128.26	504.12	-3.23	0.62
46	Fond.	10, 13	0	724.97	36.69	128.57	-586.64	-1.05	0.04
			47	734.01	36.69	-13.82	-4.55	-1.09	0.11
			94	743.33	36.69	115.52	568.12	-1.16	0.17
47	Fond.	10, 13	0	521.25	34.46	115.84	-544.91	1.25	0.53
			47	530.83	34.46	-11.58	18.15	0.99	0.57
			94	540.61	34.46	123.71	571.38	0.72	0.58
48	Fond.	10, 13	0	294.42	30.79	124.05	-554.61	3.03	1.32
			47	304.38	30.79	-12.75	-11.44	2.40	1.34
			94	314.45	30.79	103.72	521.43	1.77	1.37
49	Fond.	10, 13	0	56.35	24.33	104.07	-792.14	3.89	3.80
			47	66.50	24.33	-149.52	-269.71	2.09	3.87
			94	76.67	24.33	-159.56	242.62	0.24	4.00
50	Fond.	11, 14	0	1304.41	-33.61	534.39	-923.84	33.20	16.95
			47	1313.26	-33.61	241.30	-307.14	25.20	16.98
			94	1322.63	-33.61	236.86	302.80	17.25	16.77
51	Fond.	11, 14	0	1104.68	-26.54	237.14	-700.80	14.56	6.16
			47	1114.53	-26.54	45.25	-99.16	11.72	5.91
			94	1124.82	-26.54	134.33	493.33	8.99	5.73
52	Fond.	11, 14	0	846.98	-24.26	134.65	-589.41	6.78	6.69
			47	857.66	-24.26	-9.50	-6.56	3.65	6.68
			94	868.67	-24.26	118.31	566.39	0.46	6.88
53	Fond.	11, 14	0	599.44	-21.82	118.65	-545.01	-2.13	6.99
			47	610.75	-21.82	-9.55	17.79	-5.51	7.43
			94	622.30	-21.82	124.70	570.20	-9.15	8.07
54	Fond.	11, 14	0	332.31	-18.04	125.05	-554.87	-11.94	7.59
			47	344.05	-18.04	-12.89	-13.08	-15.69	8.36
			94	355.93	-18.04	101.66	517.85	-19.81	9.14

RELAZIONE DI CALCOLO -

55	Fond.	11, 14	0	53.89	-11.49	102.03	-785.17	-23.27	10.36
			47	65.84	-11.49	-149.57	-265.23	-28.31	10.99
			94	77.83	-11.50	-158.91	244.06	-33.56	11.24
56	Fond.	12, 20	0	126.17	43.88	-293.72	-103.10	131.51	48.43
			50	129.94	43.88	-201.95	477.62	106.13	52.45
			100	133.76	43.87	182.29	1067.12	79.58	53.33
57	Fond.	12, 20	0	296.58	38.09	182.00	-607.10	75.58	22.36
			50	300.50	38.08	26.15	-8.45	64.65	21.08
			100	304.55	38.08	171.73	598.76	54.73	18.43
58	Fond.	12, 20	0	377.64	26.39	171.48	-653.74	51.85	29.89
			50	381.85	26.39	-3.62	-38.56	37.74	26.48
			100	386.22	26.38	130.68	584.08	25.41	22.80
59	Fond.	12, 20	0	357.99	19.48	130.45	-640.35	24.18	15.07
			50	362.53	19.47	-34.40	-10.55	17.55	11.46
			100	367.24	19.47	117.32	626.21	12.67	8.15
60	Fond.	12, 20	0	295.37	10.05	117.10	-644.80	10.69	15.37
			50	300.22	10.04	-46.64	-1.20	3.74	12.51
			100	305.21	10.04	113.06	649.18	-1.91	10.19
61	Fond.	12, 20	0	212.51	5.23	112.85	-665.69	-3.48	8.40
			50	217.61	5.22	-58.06	-8.60	-7.21	6.62
			100	222.81	5.22	101.21	655.22	-10.17	5.32
62	Fond.	12, 20	0	121.26	1.04	100.99	-706.98	-11.26	6.53
			50	126.54	1.04	-87.26	-36.39	-14.28	5.62
			100	131.87	1.04	61.47	641.16	-16.92	4.97
63	Fond.	12, 20	0	48.75	-1.31	61.25	-692.55	-17.38	0.49
			50	54.12	-1.32	-116.30	-7.71	-17.49	-0.07
			100	59.52	-1.32	50.47	684.90	-17.30	-0.73
64	Fond.	13, 14	0	-126.28	-8.52	-84.45	-953.15	-47.35	-15.86
			90	-126.06	-8.52	-524.70	-27.50	-24.24	-35.65
			180	-126.02	-8.53	-135.03	894.88	17.41	-57.34
65	Fond.	13, 21	0	-60.32	97.66	-167.78	-317.98	42.00	124.11
			45	-50.60	97.67	-206.16	163.31	-13.89	124.33
			90	-40.89	97.67	-29.57	637.65	-69.92	124.70
66	Fond.	14, 22	0	-46.32	-129.49	-150.08	-332.47	-14.30	-116.64
			45	-34.86	-129.49	-196.42	145.39	38.24	-116.96
			90	-23.41	-129.49	-29.46	615.71	91.04	-117.76
67	Fond.	15, 16	0	69.55	-52.40	1.48	-438.94	16.58	15.46
			48	69.41	-52.39	-49.17	222.95	10.34	10.86
			95	69.30	-52.39	211.32	871.22	6.22	6.53
68	Fond.	15, 16	0	62.57	-55.90	211.80	-897.59	2.19	14.96
			48	62.48	-55.90	-63.25	-263.27	-3.96	10.97
			95	62.42	-55.90	-40.41	356.81	-8.29	7.33
69	Fond.	15, 16	0	-131.07	-58.78	-40.17	-1057.46	-10.89	9.68
			45	-131.14	-58.78	-386.18	-482.64	-14.52	6.49
			90	-131.26	-58.78	-476.03	81.38	-16.75	3.45
70	Fond.	15, 16	0	-138.57	-58.78	-476.03	81.38	-16.75	3.45
			45	-138.73	-58.78	-313.99	637.23	-17.63	0.44
			90	-138.94	-58.78	96.82	1187.32	-17.14	-2.66
71	Fond.	15, 16	0	144.63	-58.38	96.90	-208.42	-18.29	1.86
			39	144.45	-58.38	107.04	259.82	-18.46	-0.99
			77	144.30	-58.38	297.27	724.13	-17.48	-4.11
72	Fond.	15, 16	0	303.50	-57.37	297.47	-601.21	-20.50	-2.06
			39	303.42	-57.37	154.25	-141.52	-19.04	-5.54
			77	303.41	-57.37	187.53	312.76	-16.16	-9.47
73	Fond.	15, 16	0	306.19	-54.54	187.79	-559.67	-18.73	-9.28
			39	306.26	-54.54	58.39	-111.40	-14.30	-13.75
			77	306.42	-54.54	100.86	330.42	-8.02	-18.85
74	Fond.	15, 16	0	196.05	-49.93	101.14	-516.39	-9.73	-19.65
			39	196.27	-49.93	-14.12	-81.25	-1.05	-25.42
			77	196.55	-49.93	37.35	347.08	10.00	-31.90
75	Fond.	16, 21	0	64.57	-43.61	37.61	-425.90	8.82	-36.94
			30	64.81	-43.61	-40.93	-97.91	20.72	-42.44
			60	65.06	-43.61	-21.70	225.99	34.33	-48.32
76	Fond.	16, 21	0	-42.41	-34.49	-21.48	-446.04	34.05	-62.11
			30	-42.16	-34.49	-107.28	-126.15	53.61	-68.31
			60	-41.91	-34.49	-97.71	189.86	75.06	-74.71
77	Fond.	17, 20	0	132.85	48.05	25.21	-356.81	17.19	38.85
			40	132.05	48.05	-29.62	82.39	3.31	30.70
			80	131.30	48.05	92.65	528.85	-7.49	23.43
78	Fond.	17, 20	0	248.20	52.48	92.36	-340.47	-6.30	23.20
			40	247.50	52.47	46.92	113.18	-14.28	16.82
			80	246.87	52.47	184.32	573.79	-19.86	11.25

RELAZIONE DI CALCOLO -

79	Fond.	17, 20	0	260.25	55.03	184.05	-308.74	-17.60	12.05
			40	259.69	55.03	153.97	158.39	-21.43	7.22
			80	259.21	55.03	311.91	631.37	-23.45	3.00
80	Fond.	17, 20	0	102.08	55.88	311.71	-717.91	-20.67	5.43
			40	101.65	55.88	120.14	-239.97	-22.08	1.71
			80	101.24	55.88	120.58	242.09	-22.09	-1.62
81	Fond.	17, 20	0	-201.13	56.36	120.51	-1217.89	-21.15	2.52
			45	-201.60	56.36	-304.52	-671.12	-21.50	-0.93
			90	-202.15	56.36	-482.32	-118.89	-20.34	-4.23
82	Fond.	17, 20	0	-195.10	56.36	-482.32	-118.89	-20.34	-4.23
			45	-195.72	56.36	-409.94	441.19	-17.69	-7.53
			90	-196.41	56.36	-83.21	1011.85	-13.54	-10.98
83	Fond.	17, 20	0	4.94	53.89	-83.43	-290.41	-11.05	-9.00
			45	4.22	53.89	-84.64	285.94	-6.24	-12.68
			89	3.50	53.89	173.41	874.90	0.29	-16.70
84	Fond.	17, 20	0	42.70	50.52	172.95	-795.25	4.09	-8.47
			45	41.99	50.52	-47.32	-193.77	8.82	-12.85
			89	41.30	50.52	2.80	420.06	15.57	-17.53
85	Fond.	22, 17	0	-61.65	33.20	-126.42	-170.51	94.91	86.60
			30	-62.25	33.20	-130.49	142.52	70.07	79.01
			60	-62.86	33.20	-40.09	459.28	47.49	71.60
86	Fond.	22, 17	0	15.15	41.77	-40.31	-212.45	47.26	58.26
			30	14.54	41.77	-55.82	108.22	30.86	51.18
			60	13.93	41.77	25.47	432.89	16.52	44.51
87	Piano 1	2, 18	0	870.29	-346.09	-1116.64	760.87	-2.84	4.01
			188	870.29	-346.09	204.51	648.37	-10.36	4.01
			375	870.29	-346.09	1314.73	535.87	-17.88	4.01
88	Piano 1	19, 3	0	874.03	338.82	1331.34	-547.59	-30.34	-10.71
			187	874.03	338.82	202.43	-659.79	-10.31	-10.71
			374	874.03	338.82	-1136.29	-771.99	9.72	-10.71
89	Piano 1	5, 6	0	81.71	4.88	-399.61	804.50	-15.18	0.42
			188	81.71	4.88	299.87	-60.76	-15.98	0.42
			376	81.71	4.88	-628.19	-926.02	-16.77	0.42
90	Piano 1	9, 5	0	136.21	-49.68	-507.79	996.42	62.50	27.10
			213	136.21	-49.68	571.02	18.78	4.89	27.10
			425	136.21	-49.68	-427.95	-958.86	-52.71	27.10
91	Piano 1	6, 7	0	52.62	7.10	-266.66	38.02	3.90	14.35
			90	52.62	7.10	-256.73	-15.98	-9.01	14.35
			180	52.62	7.10	-295.41	-69.98	-21.92	14.35
92	Piano 1	6, 18	0	5.78	292.77	-58.75	838.09	-16.61	-14.85
			115	5.78	292.77	525.49	177.99	0.47	-14.85
			230	5.78	292.77	350.62	-482.11	17.56	-14.85
93	Piano 1	7, 8	0	97.32	-1.28	-674.77	982.54	-30.01	-9.35
			198	97.32	-1.28	368.64	73.71	-11.55	-9.35
			395	97.32	-1.28	-383.50	-835.11	6.91	-9.35
94	Piano 1	7, 19	0	-20.50	-309.83	-49.24	826.86	13.15	11.11
			115	-20.50	-309.83	522.09	166.76	0.38	11.11
			230	-20.50	-309.83	334.30	-493.34	-12.40	11.11
95	Piano 1	8, 12	0	135.08	48.36	-435.38	924.36	-19.70	-14.17
			203	135.08	48.36	493.30	-7.40	9.01	-14.17
			405	135.08	48.36	-465.35	-939.15	37.71	-14.17
96	Piano 1	18, 19	0	885.14	4.53	1021.96	53.75	-0.32	9.79
			90	885.14	4.53	1046.04	-0.25	-9.13	9.79
			180	885.14	4.53	1021.51	-54.25	-17.95	9.79
97	Piano 2	2, 18	0	-1462.58	-349.68	-1119.96	754.97	171.64	106.90
			188	-1462.58	-349.68	190.13	642.47	-28.79	106.90
			375	-1462.58	-349.68	1289.28	529.97	-229.22	106.90
98	Piano 2	19, 3	0	-1458.62	335.99	1296.84	-513.15	-260.97	-113.96
			187	-1458.62	335.99	232.35	-625.35	-47.87	-113.96
			374	-1458.62	335.99	-1041.96	-737.55	165.24	-113.96
99	Piano 2	5, 6	0	-76.58	-15.59	-304.05	753.17	189.21	114.67
			188	-76.58	-15.59	298.88	-112.09	-26.49	114.67
			376	-76.58	-15.59	-725.73	-977.34	-242.19	114.67
100	Piano 2	9, 5	0	46.23	-56.98	-597.07	1030.45	4.68	-18.63
			213	46.23	-56.98	554.07	52.82	44.27	-18.63
			425	46.23	-56.98	-372.57	-924.82	83.85	-18.63
101	Piano 2	6, 7	0	-268.92	10.38	-319.88	147.82	-33.68	43.63
			90	-268.92	10.38	-211.15	93.82	-72.95	43.63
			180	-268.92	10.38	-151.01	39.82	-112.22	43.63
102	Piano 2	6, 18	0	-84.23	289.18	-90.08	850.74	-177.10	-155.01
			115	-84.23	289.18	508.71	190.64	1.16	-155.01
			230	-84.23	289.18	348.38	-469.46	179.42	-155.01

103	Piano 2	7, 8	0	778.74	46.34	-850.19	1075.22	-273.34	-129.60
			198	778.74	46.34	376.35	166.40	-17.30	-129.60
			395	778.74	46.34	-192.67	-742.42	238.74	-129.60
104	Piano 2	7, 19	0	-136.63	-285.04	-109.94	854.55	177.03	151.05
			115	-136.63	-285.04	493.24	194.45	3.32	151.05
			230	-136.63	-285.04	337.29	-465.65	-170.39	151.05
105	Piano 2	8, 12	0	1101.64	67.55	-348.47	831.08	144.59	42.04
			203	1101.64	67.55	391.26	-100.68	59.42	42.04
			405	1101.64	67.55	-756.35	-1032.44	-25.74	42.04
106	Piano 2	13, 16	0	-347.74	-27.47	37.03	306.71	23.82	-19.75
			75	-347.74	-27.47	137.69	-38.29	38.63	-19.75
			150	-347.74	-27.47	-20.40	-383.29	53.44	-19.75
107	Piano 2	17, 14	0	78.16	-2.05	1.62	342.07	26.77	2.05
			75	78.16	-2.05	128.80	-2.93	25.23	2.05
			150	78.16	-2.05	-2.78	-347.93	23.70	2.05
108	Piano 2	18, 19	0	-1307.57	-1.30	1000.10	60.50	-49.79	22.66
			90	-1307.57	-1.30	1030.26	6.50	-70.19	22.66
			180	-1307.57	-1.30	1011.81	-47.50	-90.59	22.66
109	Piano 3	5, 6	0	-119.33	16.74	-400.03	932.37	273.94	98.12
			188	-119.33	16.74	539.98	67.11	89.37	98.12
			376	-119.33	16.74	-147.54	-798.14	-95.20	98.12
110	Piano 3	9, 5	0	-163.21	-39.33	-369.85	961.79	-59.34	-70.92
			213	-163.21	-39.33	635.35	-15.85	91.38	-70.92
			425	-163.21	-39.33	-437.21	-993.49	242.11	-70.92
111	Piano 3	8, 7	0	-927.46	-31.47	-502.54	931.67	-229.69	-86.08
			198	-927.46	-31.47	440.39	22.85	-59.62	-86.08
			395	-927.46	-31.47	-412.26	-885.98	110.44	-86.08
112	Piano 3	8, 12	0	-1204.42	43.34	-611.40	938.89	209.51	60.76
			203	-1204.42	43.34	346.71	7.13	86.44	60.76
			405	-1204.42	43.34	-582.52	-924.63	-36.64	60.76
113	Piano 3	13, 16	0	552.94	-92.91	106.68	565.83	33.50	19.66
			78	396.94	6.44	318.84	-19.17	18.24	19.66
			155	240.94	105.80	76.91	-604.17	2.98	19.66
114	Piano 3	14, 17	0	1.69	0.25	2.08	342.74	-7.96	3.85
			76	47.69	0.25	130.89	-2.26	-10.87	3.85
			151	93.69	0.25	-1.34	-347.26	-13.78	3.85

4.1.4 Risultati Condizioni (Delta Termico).

4.1.4.1 Cinematismi nodali

Tabella 7.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	-0.0739	-0.0533	-0.0216	-0.000077	0.000059	-0.000048
2	-0.0298	-0.0249	0.0066	-0.000049	0.000056	-0.000004
3	0.0289	-0.0246	0.0083	-0.000045	-0.000063	0.000002
4	0.0731	-0.0532	-0.0222	-0.000077	-0.000067	0.000051
5	-0.0343	0.0033	0.0113	0.000004	0.000004	-0.000008
6	-0.0074	-0.0445	0.0019	-0.000036	-0.000009	0.000039
7	0.0074	-0.0444	0.0019	-0.000037	0.000008	-0.000038
8	0.0360	0.0032	0.0111	0.000009	-0.000007	0.000018
9	-0.0696	-0.0281	-0.0082	-0.000036	0.000074	0.000056
10	-0.0095	-0.0290	0.0059	-0.000013	0.000012	-0.000026
11	0.0096	-0.0289	0.0060	-0.000013	-0.000011	0.000026
12	0.0695	-0.0280	-0.0087	-0.000037	-0.000078	-0.000054
13	-0.0074	0.0342	-0.0056	0.000061	-0.000030	0.000136
14	0.0075	0.0342	-0.0056	0.000061	0.000030	-0.000136
15	-0.0716	0.0619	-0.0043	0.000048	0.000068	-0.000026
16	-0.0039	0.0442	-0.0043	0.000096	-0.000052	-0.000084
17	0.0040	0.0442	-0.0045	0.000097	0.000051	0.000084
18	0.0717	0.0620	-0.0040	0.000047	-0.000068	0.000026
19	0.0080	0.0437	-0.0121	0.000080	-0.000070	0.000132
20	-0.0079	0.0437	-0.0122	0.000081	0.000069	-0.000132
21	-0.1190	-0.0779	0.0352	-0.000024	0.000038	-0.000055
22	-0.0610	-0.0419	0.0583	-0.000027	0.000048	0.000083
23	0.0625	-0.0414	0.0602	-0.000027	-0.000050	-0.000085
24	0.1205	-0.0782	0.0343	-0.000025	-0.000047	0.000052
25	-0.0647	-0.0029	0.0689	-0.000010	0.000012	0.000024
26	-0.0127	-0.0535	0.0600	0.000019	-0.000016	0.000030

27	0.0140	-0.0534	0.0601	0.000020	0.000016	-0.000031
28	0.0691	-0.0027	0.0685	-0.000015	-0.000018	-0.000012
29	-0.1254	-0.0435	0.0436	-0.000011	0.000090	-0.000048
30	-0.0136	-0.0321	0.0590	0.000015	-0.000005	-0.000001
31	0.0134	-0.0320	0.0591	0.000015	0.000007	-0.000003
32	0.1265	-0.0438	0.0432	-0.000016	-0.000092	0.000051
33	0.0223	0.0533	0.0483	0.000000	-0.000034	0.000105
34	-0.0225	0.0535	0.0484	0.000000	0.000039	-0.000098
35	-0.0888	0.0747	0.0529	-0.000012	0.000006	0.000000
36	0.0115	0.0709	0.0489	0.000054	0.000000	-0.000009
37	-0.0111	0.0705	0.0487	0.000050	0.000000	0.000012
38	-0.0112	-0.0879	0.0650	0.000019	0.000001	0.000028
39	0.0128	-0.0878	0.0655	0.000020	0.000004	-0.000029
40	0.0892	0.0745	0.0532	-0.000014	-0.000006	0.000001
41	0.0301	0.0673	0.0439	0.000030	-0.000021	0.000067
42	-0.0297	0.0675	0.0438	0.000031	0.000019	-0.000061
43	-0.1346	-0.0850	0.0839	-0.000020	0.000043	-0.000010
44	-0.0701	-0.0583	0.1023	-0.000051	0.000023	0.000036
45	0.0732	-0.0559	0.1041	-0.000046	-0.000017	-0.000057
46	0.1381	-0.0862	0.0825	-0.000028	-0.000051	-0.000021
47	-0.0677	-0.0193	0.1168	-0.000070	0.000018	0.000015
48	-0.0131	-0.0488	0.1080	-0.000027	-0.000011	0.000015
49	0.0140	-0.0486	0.1081	-0.000026	0.000007	-0.000021
50	0.0712	-0.0166	0.1163	-0.000079	-0.000018	-0.000007
51	-0.1297	-0.0504	0.0897	-0.000081	0.000056	-0.000039
52	-0.0137	-0.0271	0.1057	0.000017	0.000000	0.000010
53	0.0130	-0.0270	0.1058	0.000017	0.000010	-0.000018
54	0.1297	-0.0512	0.0895	-0.000096	-0.000043	0.000057
55	0.0268	0.0581	0.0967	0.000011	-0.000011	0.000073
56	-0.0284	0.0582	0.0971	0.000002	0.000001	-0.000048
57	-0.0890	0.0717	0.1014	-0.000010	-0.000002	0.000032
58	0.0148	0.0796	0.0970	0.000012	-0.000012	0.000060
59	-0.0141	0.0765	0.0969	0.000001	0.000000	-0.000032
60	-0.0123	-0.0832	0.1032	-0.000021	-0.000004	0.000017
61	0.0155	-0.0830	0.1034	-0.000020	0.000006	-0.000021
62	0.0880	0.0707	0.1021	-0.000015	0.000010	-0.000023
63	-0.0321	0.0718	0.0959	0.000013	0.000008	-0.000036
64	-0.1499	-0.0930	0.1381	-0.000024	0.000043	-0.000007
65	-0.0864	-0.0786	0.1563	-0.000055	0.000038	-0.000014
66	0.0746	-0.0574	0.1086	-0.000047	-0.000062	-0.000042
67	0.1397	-0.0871	0.0870	-0.000034	-0.000051	-0.000025
68	-0.0817	-0.0351	0.1589	-0.000414	0.000023	-0.000015
69	-0.0258	-0.0443	0.1501	-0.000416	0.000009	0.000028
70	0.0163	-0.0472	0.1216	-0.000485	-0.000032	-0.000074
71	0.0739	-0.0210	0.1298	-0.000482	-0.000015	0.000010
72	-0.1442	-0.0566	0.1315	-0.000407	0.000042	-0.000030
73	-0.0188	-0.0233	0.1417	0.000000	0.000038	0.000044
74	0.0109	-0.0247	0.1268	0.000000	0.000013	-0.000034
75	0.1326	-0.0533	0.1031	-0.000476	-0.000028	0.000066
76	0.0277	0.0592	0.1072	0.000019	-0.000016	0.000071
77	-0.0324	0.0631	0.1482	0.000024	0.000017	-0.000027
78	-0.0890	0.0714	0.1059	-0.000010	0.000000	0.000035
79	0.0152	0.0801	0.1015	0.000019	-0.000017	0.000064
80	-0.0170	0.0800	0.1510	0.000022	0.000015	-0.000022
81	0.0851	0.0659	0.1563	-0.000013	0.000008	-0.000019
82	-0.0350	0.0768	0.1499	0.000014	0.000009	-0.000026
83	-0.1148	-0.0755	0.0234	-0.000049	0.000095	-0.000036
84	-0.0698	-0.0505	-0.0193	-0.000078	0.000051	-0.000090
85	-0.0593	-0.0384	-0.0139	-0.000073	0.000064	-0.000110
86	-0.1129	-0.0753	0.0371	-0.000035	0.000000	-0.000077
87	-0.0969	-0.0625	0.0407	-0.000036	0.000000	-0.000135
88	0.1156	-0.0757	0.0226	-0.000050	-0.000104	0.000037
89	0.0581	-0.0377	-0.0134	-0.000072	-0.000069	0.000109
90	0.0686	-0.0499	-0.0195	-0.000079	-0.000058	0.000095
91	0.0978	-0.0622	0.0412	-0.000037	0.000000	0.000139
92	0.1137	-0.0753	0.0368	-0.000039	0.000000	0.000079
93	-0.0521	0.0411	0.0029	0.000084	0.000004	0.000160
94	-0.0357	0.0223	0.0016	0.000100	-0.000004	0.000028
95	-0.0608	0.0697	0.0554	0.000025	0.000000	0.000043
96	-0.0350	0.0646	0.0552	0.000075	0.000000	-0.000003
97	0.0370	0.0228	0.0013	0.000099	0.000005	-0.000038
98	0.0535	0.0430	0.0029	0.000082	-0.000004	-0.000162

99	0.0371	0.0643	0.0547	0.000067	0.000000	-0.000002
100	0.0629	0.0699	0.0554	0.000020	0.000000	-0.000044
101	-0.1327	-0.0842	0.0777	-0.000020	0.000051	-0.000012
102	-0.1286	-0.0840	0.0857	-0.000022	0.000000	-0.000045
103	-0.1122	-0.0758	0.0904	-0.000041	0.000000	-0.000097
104	0.1152	-0.0760	0.0907	-0.000045	0.000000	0.000124
105	0.1316	-0.0858	0.0848	-0.000034	0.000000	0.000041
106	0.1359	-0.0851	0.0764	-0.000026	-0.000057	-0.000007
107	-0.0323	0.0772	0.1003	0.000021	0.000000	-0.000037
108	-0.0494	0.0733	0.1007	0.000010	0.000000	-0.000030
109	-0.0505	0.0669	0.0557	0.000048	0.000000	0.000039
110	0.0431	0.0721	0.1003	0.000000	0.000000	0.000023
111	0.0597	0.0700	0.1007	-0.000007	0.000000	0.000012
112	0.0459	0.0649	0.0554	0.000059	0.000000	-0.000020
113	0.0614	0.0695	0.0555	0.000025	0.000000	-0.000045
114	-0.1041	-0.0697	0.0387	-0.000045	0.000000	-0.000125
115	-0.0842	-0.0519	0.0466	-0.000043	0.000000	-0.000096
116	-0.0716	-0.0432	0.0525	-0.000047	0.000000	-0.000099
117	-0.0645	-0.0447	-0.0168	-0.000076	0.000046	-0.000115
118	-0.0497	-0.0301	-0.0067	-0.000069	0.000086	-0.000069
119	-0.0397	-0.0259	0.0007	-0.000063	0.000073	-0.000025
120	-0.1022	-0.0714	0.0076	-0.000017	0.000168	-0.000009
121	-0.0859	-0.0649	-0.0078	-0.000150	0.000186	-0.000037
122	-0.0505	-0.0381	0.0466	-0.000057	0.000151	-0.000021
123	-0.0413	-0.0353	0.0338	-0.000002	0.000087	-0.000022
124	-0.0337	-0.0319	0.0202	-0.000091	0.000061	-0.000004
125	-0.1236	-0.0550	0.0408	0.000000	0.000082	-0.000003
126	-0.1223	-0.0665	0.0379	0.000000	0.000062	-0.000031
127	-0.0729	-0.0367	-0.0115	-0.000051	0.000076	0.000033
128	-0.0748	-0.0452	-0.0160	-0.000066	0.000072	0.000015
129	-0.1126	-0.0408	0.0308	0.000000	0.000195	0.000046
130	-0.0952	-0.0372	0.0179	0.000000	0.000201	0.000070
131	-0.0796	-0.0329	0.0050	0.000000	0.000155	0.000081
132	-0.0589	-0.0286	0.0617	0.000000	0.000068	-0.000031
133	-0.0628	-0.0157	0.0653	0.000000	0.000057	-0.000060
134	-0.0304	-0.0155	0.0101	-0.000031	0.000041	-0.000015
135	-0.0324	-0.0060	0.0116	-0.000003	0.000025	-0.000028
136	-0.0592	0.0010	0.0551	0.000000	0.000113	-0.000053
137	-0.0486	0.0042	0.0409	0.000000	0.000127	-0.000026
138	-0.0387	0.0063	0.0260	0.000000	0.000097	-0.000021
139	0.0729	-0.0425	0.0538	-0.000044	0.000000	0.000098
140	0.0852	-0.0513	0.0475	-0.000043	0.000000	0.000100
141	0.1049	-0.0695	0.0388	-0.000047	0.000000	0.000129
142	0.0388	-0.0256	0.0020	-0.000060	-0.000079	0.000024
143	0.0486	-0.0296	-0.0058	-0.000067	-0.000091	0.000068
144	0.0633	-0.0440	-0.0166	-0.000075	-0.000052	0.000116
145	0.0514	-0.0376	0.0484	-0.000058	-0.000160	0.000021
146	0.0416	-0.0347	0.0356	-0.000002	-0.000093	0.000020
147	0.0334	-0.0314	0.0219	-0.000089	-0.000068	0.000002
148	0.1024	-0.0715	0.0067	-0.000020	-0.000170	0.000014
149	0.0858	-0.0648	-0.0086	-0.000150	-0.000192	0.000042
150	0.0659	-0.0153	0.0656	-0.000005	-0.000065	0.000056
151	0.0612	-0.0280	0.0628	-0.000006	-0.000078	0.000029
152	0.0329	-0.0060	0.0120	0.000002	-0.000031	0.000030
153	0.0301	-0.0153	0.0112	-0.000027	-0.000047	0.000013
154	0.0630	0.0009	0.0548	-0.000010	-0.000125	0.000055
155	0.0516	0.0042	0.0406	-0.000011	-0.000137	0.000026
156	0.0411	0.0064	0.0257	-0.000008	-0.000103	0.000023
157	0.1236	-0.0667	0.0371	0.000000	-0.000068	0.000029
158	0.1247	-0.0553	0.0402	0.000000	-0.000085	0.000001
159	0.0743	-0.0451	-0.0166	-0.000067	-0.000079	-0.000011
160	0.0726	-0.0366	-0.0121	-0.000052	-0.000082	-0.000030
161	0.1136	-0.0409	0.0303	0.000000	-0.000198	-0.000045
162	0.0959	-0.0373	0.0175	0.000000	-0.000205	-0.000069
163	0.0799	-0.0329	0.0045	0.000000	-0.000160	-0.000079
164	-0.0127	-0.0429	0.0594	0.000000	0.000002	-0.000024
165	-0.0073	-0.0369	0.0044	-0.000029	0.000006	-0.000026
166	-0.0127	-0.0545	0.0457	0.000000	0.000012	-0.000005
167	-0.0108	-0.0543	0.0309	0.000000	0.000031	-0.000034
168	-0.0081	-0.0522	0.0156	0.000000	0.000029	-0.000019
169	-0.0135	-0.0330	0.0458	0.000002	0.000010	-0.000005
170	-0.0138	-0.0329	0.0327	-0.000001	-0.000023	-0.000007

171	-0.0131	-0.0315	0.0193	-0.000038	0.000051	-0.000025
172	0.0133	-0.0428	0.0594	0.000000	-0.000002	0.000008
173	0.0074	-0.0368	0.0045	-0.000029	-0.000006	0.000026
174	0.0134	-0.0329	0.0459	0.000003	-0.000009	0.000001
175	0.0138	-0.0329	0.0327	-0.000001	0.000023	0.000006
176	0.0131	-0.0314	0.0194	-0.000037	-0.000051	0.000024
177	0.0138	-0.0544	0.0458	0.000000	-0.000017	-0.000005
178	0.0114	-0.0542	0.0309	0.000000	-0.000036	0.000029
179	0.0082	-0.0521	0.0156	0.000000	-0.000032	0.000018
180	-0.0875	0.0598	0.0532	0.000000	0.000040	-0.000025
181	-0.0850	0.0448	0.0534	0.000000	0.000082	-0.000024
182	-0.0841	0.0300	0.0533	0.000000	0.000123	0.000006
183	-0.0869	0.0153	0.0525	0.000000	0.000152	0.000050
184	-0.0946	0.0007	0.0512	0.000000	0.000157	0.000103
185	-0.1059	-0.0140	0.0493	0.000000	0.000145	0.000120
186	-0.1194	-0.0287	0.0467	0.000000	0.000122	0.000153
187	-0.0599	0.0513	-0.0005	0.000026	0.000099	-0.000181
188	-0.0408	0.0403	0.0011	0.000006	0.000120	-0.000185
189	-0.0256	0.0290	0.0011	-0.000005	0.000137	-0.000111
190	-0.0195	0.0176	0.0003	-0.000011	0.000145	-0.000008
191	-0.0239	0.0061	-0.0010	-0.000016	0.000142	0.000095
192	-0.0376	-0.0054	-0.0028	-0.000020	0.000129	0.000173
193	-0.0562	-0.0169	-0.0051	-0.000026	0.000104	0.000184
194	-0.0869	0.0745	0.0384	0.000023	0.000042	-0.000009
195	-0.0842	0.0734	0.0238	-0.000007	0.000015	-0.000012
196	-0.0798	0.0699	0.0092	0.000107	0.000100	-0.000016
197	-0.0001	-0.0321	0.0590	0.000010	0.000000	0.000001
198	0.0000	-0.0277	0.0066	-0.000016	0.000000	0.000000
199	-0.0126	-0.0180	0.0584	0.000000	-0.000005	0.000023
200	-0.0095	-0.0039	0.0574	0.000000	-0.000018	0.000043
201	-0.0042	0.0103	0.0559	0.000000	-0.000032	0.000068
202	0.0033	0.0245	0.0539	0.000000	-0.000036	0.000090
203	0.0124	0.0389	0.0514	0.000000	-0.000037	0.000105
204	-0.0114	-0.0185	0.0062	0.000004	0.000008	-0.000014
205	-0.0126	-0.0079	0.0054	0.000012	-0.000003	-0.000015
206	-0.0143	0.0028	0.0040	0.000018	-0.000014	-0.000019
207	-0.0158	0.0135	0.0019	0.000026	-0.000025	-0.000010
208	-0.0150	0.0239	-0.0010	0.000038	-0.000032	0.000035
209	0.0188	0.0503	0.0346	0.000000	-0.000045	0.000110
210	0.0139	0.0467	0.0211	0.000000	-0.000068	0.000146
211	0.0029	0.0413	0.0080	0.000000	-0.000186	0.000211
212	-0.0131	0.0390	0.0515	0.000000	0.000042	-0.000101
213	-0.0042	0.0247	0.0540	0.000000	0.000042	-0.000089
214	0.0033	0.0105	0.0560	0.000000	0.000037	-0.000069
215	0.0087	-0.0037	0.0575	0.000000	0.000022	-0.000046
216	0.0121	-0.0179	0.0584	0.000000	0.000007	-0.000026
217	0.0151	0.0240	-0.0010	0.000039	0.000032	-0.000034
218	0.0159	0.0135	0.0020	0.000026	0.000025	0.000010
219	0.0143	0.0029	0.0041	0.000019	0.000014	0.000019
220	0.0127	-0.0078	0.0055	0.000012	0.000003	0.000015
221	0.0114	-0.0184	0.0063	0.000004	-0.000008	0.000014
222	-0.0188	0.0504	0.0346	0.000000	0.000046	-0.000107
223	-0.0139	0.0468	0.0211	0.000000	0.000069	-0.000144
224	-0.0027	0.0414	0.0080	0.000000	0.000186	-0.000210
225	0.1207	-0.0290	0.0464	0.000000	-0.000124	-0.000154
226	0.1070	-0.0143	0.0490	0.000000	-0.000146	-0.000121
227	0.0955	0.0003	0.0510	0.000000	-0.000157	-0.000106
228	0.0876	0.0150	0.0524	0.000000	-0.000150	-0.000053
229	0.0846	0.0297	0.0532	0.000000	-0.000121	-0.000008
230	0.0854	0.0446	0.0535	0.000000	-0.000079	0.000023
231	0.0878	0.0596	0.0534	0.000000	-0.000039	0.000026
232	0.0563	-0.0168	-0.0055	-0.000027	-0.000108	-0.000183
233	0.0378	-0.0054	-0.0031	-0.000021	-0.000132	-0.000173
234	0.0241	0.0062	-0.0012	-0.000017	-0.000145	-0.000095
235	0.0196	0.0177	0.0002	-0.000012	-0.000147	0.000008
236	0.0257	0.0291	0.0011	-0.000006	-0.000139	0.000111
237	0.0409	0.0404	0.0012	0.000005	-0.000121	0.000185
238	0.0600	0.0514	-0.0003	0.000025	-0.000099	0.000181
239	0.0873	0.0743	0.0387	0.000022	-0.000043	0.000010
240	0.0844	0.0733	0.0241	-0.000008	-0.000018	0.000013
241	0.0799	0.0698	0.0095	0.000106	-0.000100	0.000016
242	0.0269	0.0636	0.0306	0.000058	-0.000055	0.000067

243	0.0238	0.0600	0.0163	0.000016	-0.000009	0.000074
244	0.0183	0.0542	0.0015	0.000133	-0.000139	0.000128
245	-0.0266	0.0637	0.0305	0.000058	0.000054	-0.000064
246	-0.0236	0.0601	0.0163	0.000016	0.000008	-0.000072
247	-0.0181	0.0542	0.0014	0.000133	0.000139	-0.000127
248	-0.0747	0.0732	0.0541	0.000002	0.000000	0.000030
249	-0.0428	0.0652	0.0557	0.000065	0.000000	0.000025
250	-0.0236	0.0656	0.0539	0.000076	0.000000	-0.000020
251	-0.0121	0.0675	0.0525	0.000069	0.000000	-0.000029
252	-0.0004	0.0696	0.0509	0.000055	0.000000	-0.000025
253	-0.0618	0.0557	0.0010	0.000072	0.000039	0.000133
254	-0.0438	0.0286	0.0024	0.000092	-0.000011	0.000110
255	-0.0279	0.0228	0.0015	0.000105	-0.000003	-0.000040
256	-0.0199	0.0280	0.0008	0.000106	-0.000017	-0.000092
257	-0.0119	0.0362	-0.0011	0.000102	-0.000033	-0.000113
258	0.0090	0.0663	0.0353	0.000050	0.000000	-0.000017
259	0.0059	0.0609	0.0222	0.000077	0.000000	-0.000058
260	0.0016	0.0528	0.0092	0.000103	0.000000	-0.000075
261	0.0210	0.0703	0.0462	0.000049	0.000000	0.000030
262	0.0021	0.0472	-0.0079	0.000091	-0.000066	-0.000006
263	0.0012	0.0690	0.0507	0.000051	0.000000	0.000027
264	0.0134	0.0668	0.0522	0.000064	0.000000	0.000028
265	0.0253	0.0649	0.0535	0.000071	0.000000	0.000017
266	0.0535	0.0669	0.0559	0.000041	0.000000	-0.000053
267	0.0760	0.0732	0.0543	-0.000001	0.000000	-0.000029
268	0.0123	0.0359	-0.0013	0.000103	0.000031	0.000113
269	0.0206	0.0276	0.0006	0.000106	0.000015	0.000088
270	0.0289	0.0226	0.0012	0.000105	0.000002	0.000033
271	0.0452	0.0300	0.0023	0.000090	0.000013	-0.000118
272	0.0625	0.0565	0.0010	0.000070	-0.000040	-0.000128
273	-0.0087	0.0662	0.0351	0.000049	0.000000	0.000019
274	-0.0057	0.0608	0.0220	0.000076	0.000000	0.000058
275	-0.0014	0.0529	0.0090	0.000103	0.000000	0.000075
276	-0.0206	0.0702	0.0460	0.000048	0.000000	-0.000026
277	-0.0020	0.0472	-0.0080	0.000092	0.000065	0.000006
278	-0.1204	-0.0806	0.0881	-0.000029	0.000000	-0.000077
279	-0.0985	-0.0673	0.0943	-0.000051	0.000000	-0.000087
280	-0.0846	-0.0601	0.0984	-0.000056	0.000000	-0.000071
281	-0.1282	-0.0823	0.0638	-0.000019	0.000048	-0.000018
282	-0.1235	-0.0803	0.0496	-0.000032	0.000057	-0.000042
283	-0.0680	-0.0538	0.0908	-0.000062	0.000027	-0.000006
284	-0.0650	-0.0494	0.0796	-0.000050	0.000056	-0.000017
285	-0.0622	-0.0453	0.0687	-0.000059	0.000005	-0.000016
286	-0.1305	-0.0620	0.0877	0.000000	0.000033	0.000049
287	-0.1337	-0.0736	0.0857	0.000000	0.000041	0.000032
288	-0.1285	-0.0489	0.0781	0.000000	-0.000018	0.000003
289	-0.1295	-0.0473	0.0666	0.000000	-0.000007	0.000008
290	-0.1293	-0.0455	0.0551	0.000000	0.000014	0.000008
291	-0.0692	-0.0452	0.1073	0.000000	0.000031	-0.000008
292	-0.0689	-0.0322	0.1121	0.000000	0.000031	0.000014
293	-0.0670	-0.0147	0.1052	0.000000	0.000003	0.000006
294	-0.0669	-0.0104	0.0933	0.000000	-0.000001	-0.000009
295	-0.0662	-0.0064	0.0812	0.000000	0.000021	-0.000009
296	0.0877	-0.0570	0.1000	-0.000033	0.000000	0.000073
297	0.1016	-0.0652	0.0953	-0.000040	0.000000	0.000112
298	0.1234	-0.0820	0.0878	-0.000037	0.000000	0.000095
299	0.0709	-0.0519	0.0927	-0.000053	-0.000034	0.000001
300	0.0674	-0.0480	0.0815	-0.000047	-0.000060	0.000015
301	0.0641	-0.0443	0.0705	-0.000049	-0.000014	0.000015
302	0.1309	-0.0829	0.0627	-0.000022	-0.000053	0.000009
303	0.1256	-0.0807	0.0486	-0.000034	-0.000063	0.000037
304	0.0714	-0.0295	0.1123	-0.000001	-0.000014	-0.000021
305	0.0718	-0.0426	0.1084	-0.000002	-0.000023	-0.000008
306	0.0708	-0.0127	0.1047	0.000000	0.000002	-0.000013
307	0.0711	-0.0090	0.0928	0.000000	0.000000	0.000006
308	0.0706	-0.0057	0.0807	-0.000002	-0.000023	0.000009
309	0.1347	-0.0746	0.0848	0.000000	-0.000025	-0.000065
310	0.1300	-0.0630	0.0872	0.000000	-0.000003	-0.000058
311	0.1294	-0.0495	0.0778	0.000000	0.000027	0.000000
312	0.1308	-0.0478	0.0662	0.000000	0.000009	-0.000008
313	0.1306	-0.0459	0.0546	0.000000	-0.000016	-0.000008
314	-0.0134	-0.0380	0.1068	0.000000	0.000006	-0.000019

315	-0.0133	-0.0502	0.0962	0.000000	0.000003	-0.000005
316	-0.0130	-0.0515	0.0843	0.000000	0.000005	-0.000011
317	-0.0125	-0.0527	0.0722	0.000000	0.000009	-0.000013
318	-0.0137	-0.0285	0.0940	0.000017	0.000000	0.000006
319	-0.0137	-0.0298	0.0823	0.000017	0.000000	0.000006
320	-0.0136	-0.0310	0.0707	0.000014	0.000004	0.000001
321	0.0134	-0.0378	0.1069	0.000000	0.000007	0.000003
322	0.0132	-0.0283	0.0941	0.000017	-0.000001	-0.000013
323	0.0133	-0.0296	0.0824	0.000017	0.000003	-0.000011
324	0.0133	-0.0309	0.0708	0.000014	-0.000003	-0.000006
325	0.0143	-0.0501	0.0963	0.000000	0.000000	-0.000004
326	0.0141	-0.0514	0.0844	0.000000	-0.000005	-0.000002
327	0.0136	-0.0526	0.0723	0.000000	-0.000007	0.000001
328	-0.0938	0.0566	0.1006	0.000000	0.000016	0.000064
329	-0.1006	0.0414	0.1000	0.000000	0.000034	0.000071
330	-0.1079	0.0261	0.0993	0.000000	0.000048	0.000075
331	-0.1153	0.0108	0.0981	0.000000	0.000053	0.000072
332	-0.1221	-0.0046	0.0966	0.000000	0.000050	0.000065
333	-0.1274	-0.0199	0.0946	0.000000	0.000039	0.000041
334	-0.1304	-0.0352	0.0922	0.000000	0.000034	0.000021
335	-0.0892	0.0725	0.0896	-0.000010	-0.000002	0.000023
336	-0.0894	0.0734	0.0777	-0.000014	-0.000003	0.000016
337	-0.0894	0.0742	0.0654	-0.000004	0.000008	0.000009
338	-0.0003	-0.0277	0.1056	0.000014	0.000000	0.000002
339	-0.0112	-0.0130	0.1043	0.000000	-0.000002	0.000044
340	-0.0059	0.0013	0.1030	0.000000	-0.000004	0.000067
341	0.0013	0.0155	0.1015	0.000000	-0.000006	0.000085
342	0.0098	0.0298	0.0999	0.000000	-0.000010	0.000095
343	0.0188	0.0440	0.0982	0.000000	-0.000014	0.000096
344	0.0262	0.0569	0.0850	0.000000	-0.000007	0.000090
345	0.0255	0.0558	0.0731	0.000000	-0.000012	0.000098
346	0.0243	0.0546	0.0610	0.000000	-0.000019	0.000104
347	-0.0219	0.0441	0.0984	0.000000	0.000017	-0.000089
348	-0.0135	0.0299	0.1000	0.000000	0.000022	-0.000089
349	-0.0051	0.0156	0.1016	0.000000	0.000023	-0.000090
350	0.0028	0.0014	0.1030	0.000000	0.000021	-0.000078
351	0.0093	-0.0128	0.1044	0.000000	0.000015	-0.000059
352	-0.0281	0.0571	0.0852	0.000000	0.000010	-0.000082
353	-0.0269	0.0559	0.0733	0.000000	0.000020	-0.000092
354	-0.0251	0.0547	0.0611	0.000000	0.000028	-0.000098
355	0.1314	-0.0359	0.0922	0.000000	-0.000033	-0.000021
356	0.1276	-0.0205	0.0945	0.000000	-0.000029	-0.000057
357	0.1206	-0.0052	0.0964	0.000000	-0.000031	-0.000081
358	0.1123	0.0102	0.0978	0.000000	-0.000028	-0.000085
359	0.1042	0.0255	0.0989	0.000000	-0.000020	-0.000077
360	0.0972	0.0406	0.0999	0.000000	-0.000008	-0.000064
361	0.0916	0.0557	0.1009	0.000000	0.000003	-0.000047
362	0.0888	0.0719	0.0903	-0.000014	0.000008	-0.000021
363	0.0894	0.0730	0.0782	-0.000016	0.000008	-0.000015
364	0.0897	0.0739	0.0659	-0.000005	-0.000005	-0.000008
365	-0.0760	0.0705	0.1012	-0.000011	0.000000	-0.000003
366	-0.0627	0.0713	0.1010	-0.000002	0.000000	-0.000017
367	-0.0408	0.0751	0.1005	0.000016	0.000000	-0.000037
368	-0.0203	0.0798	0.0997	0.000029	0.000000	-0.000029
369	-0.0085	0.0815	0.0989	0.000033	0.000000	-0.000016
370	0.0032	0.0820	0.0979	0.000034	0.000000	0.000004
371	0.0140	0.0787	0.0853	0.000014	0.000000	0.000009
372	0.0132	0.0771	0.0735	0.000028	0.000000	-0.000006
373	0.0124	0.0745	0.0614	0.000040	0.000000	-0.000014
374	0.0001	0.0775	0.0978	0.000008	0.000000	0.000010
375	0.0144	0.0762	0.0987	0.000009	0.000000	0.000016
376	0.0287	0.0743	0.0997	0.000005	0.000000	0.000023
377	0.0514	0.0709	0.1005	-0.000003	0.000000	0.000020
378	0.0739	0.0695	0.1014	-0.000014	0.000000	-0.000002
379	-0.0135	0.0765	0.0852	0.000002	0.000000	0.000000
380	-0.0128	0.0758	0.0732	0.000018	0.000000	0.000012
381	-0.0120	0.0738	0.0612	0.000034	0.000000	0.000018
382	-0.1372	-0.0915	0.1417	-0.000031	0.000000	-0.000030
383	-0.1245	-0.0882	0.1453	-0.000039	0.000000	-0.000048
384	-0.1118	-0.0841	0.1489	-0.000046	0.000000	-0.000048
385	-0.0991	-0.0806	0.1526	-0.000051	0.000000	-0.000035
386	-0.1460	-0.0909	0.1246	-0.000023	0.000042	-0.000008

387	-0.1422	-0.0889	0.1111	-0.000022	0.000042	-0.000011
388	-0.1384	-0.0869	0.0976	-0.000022	0.000042	-0.000011
389	-0.0825	-0.0735	0.1428	-0.000058	0.000051	-0.000016
390	-0.0786	-0.0684	0.1293	-0.000055	0.000031	-0.000011
391	-0.0746	-0.0633	0.1158	-0.000059	0.000066	-0.000003
392	-0.1454	-0.0688	0.1337	0.000000	0.000039	0.000031
393	-0.1484	-0.0809	0.1359	0.000000	0.000045	0.000015
394	-0.1397	-0.0544	0.1176	0.000000	0.000053	0.000009
395	-0.1348	-0.0523	0.1036	0.000000	0.000053	0.000008
396	-0.0856	-0.0641	0.1572	0.000000	0.000045	0.000006
397	-0.0832	-0.0496	0.1581	0.000000	0.000044	0.000023
398	-0.0772	-0.0298	0.1450	0.000000	0.000069	0.000003
399	-0.0713	-0.0245	0.1309	0.000000	0.000058	0.000020
400	0.1271	-0.0844	0.0915	-0.000041	0.000000	0.000086
401	0.1144	-0.0754	0.0960	-0.000045	0.000000	0.000124
402	0.1015	-0.0652	0.1004	-0.000036	0.000000	0.000118
403	0.0882	-0.0576	0.1047	-0.000031	0.000000	0.000055
404	0.0726	-0.0451	0.1158	-0.000001	-0.000019	-0.000034
405	0.0722	-0.0329	0.1228	-0.000001	-0.000014	-0.000006
406	0.1308	-0.0648	0.0977	0.000000	-0.000016	-0.000033
407	0.1356	-0.0760	0.0923	0.000000	-0.000012	-0.000092
408	-0.0227	-0.0338	0.1459	0.000000	0.000049	0.000040
409	-0.0218	-0.0459	0.1361	0.000000	0.000072	0.000036
410	-0.0155	-0.0473	0.1220	0.000000	0.000060	-0.000005
411	-0.0160	-0.0245	0.1297	0.000000	0.000030	0.000032
412	-0.0142	-0.0258	0.1177	0.000000	0.000014	0.000017
413	0.0132	-0.0360	0.1242	0.000000	0.000004	-0.000023
414	0.0120	-0.0258	0.1163	0.000000	0.000018	-0.000025
415	-0.0941	0.0578	0.1094	0.000000	0.000018	0.000072
416	-0.1018	0.0439	0.1130	0.000000	0.000035	0.000083
417	-0.1105	0.0297	0.1165	0.000000	0.000046	0.000085
418	-0.1191	0.0153	0.1198	0.000000	0.000051	0.000079
419	-0.1271	0.0008	0.1226	0.000000	0.000053	0.000067
420	-0.1338	-0.0137	0.1252	0.000000	0.000054	0.000050
421	-0.1389	-0.0281	0.1274	0.000000	0.000055	0.000032
422	-0.1430	-0.0424	0.1295	0.000000	0.000066	0.000020
423	-0.0132	-0.0096	0.1360	0.000000	0.000022	0.000055
424	-0.0066	0.0042	0.1304	0.000000	0.000011	0.000073
425	0.0014	0.0179	0.1246	0.000000	0.000005	0.000091
426	0.0105	0.0317	0.1189	0.000000	-0.000002	0.000102
427	0.0199	0.0455	0.1130	0.000000	-0.000009	0.000101
428	0.0058	-0.0100	0.1304	0.000000	0.000021	-0.000065
429	-0.0021	0.0047	0.1339	0.000000	0.000024	-0.000085
430	-0.0110	0.0193	0.1374	0.000000	0.000026	-0.000088
431	-0.0198	0.0339	0.1410	0.000000	0.000026	-0.000079
432	-0.0274	0.0485	0.1446	0.000000	0.000027	-0.000063
433	-0.0309	0.0619	0.1354	0.000000	0.000018	-0.000042
434	-0.0297	0.0606	0.1227	0.000000	0.000012	-0.000048
435	-0.0288	0.0594	0.1099	0.000000	0.000008	-0.000050
436	0.0884	0.0529	0.1507	0.000000	0.000012	-0.000048
437	0.0943	0.0400	0.1451	0.000000	0.000014	-0.000075
438	0.1021	0.0269	0.1396	0.000000	0.000009	-0.000092
439	0.1108	0.0137	0.1340	0.000000	0.000001	-0.000100
440	0.1195	0.0004	0.1284	0.000000	-0.000009	-0.000098
441	0.1273	-0.0130	0.1226	0.000000	-0.000019	-0.000086
442	0.1332	-0.0266	0.1164	0.000000	-0.000030	-0.000064
443	0.1358	-0.0400	0.1099	0.000000	-0.000039	-0.000017
444	0.0858	0.0670	0.1428	-0.000012	0.000007	-0.000022
445	0.0865	0.0682	0.1293	-0.000014	0.000008	-0.000024
446	0.0872	0.0694	0.1158	-0.000014	0.000008	-0.000025
447	-0.0342	0.0756	0.1364	0.000014	0.000009	-0.000028
448	-0.0335	0.0743	0.1229	0.000015	0.000008	-0.000035
449	-0.0328	0.0730	0.1094	0.000014	0.000008	-0.000038
450	-0.0743	0.0702	0.1057	-0.000012	0.000000	-0.000008
451	-0.0594	0.0717	0.1054	0.000001	0.000000	-0.000023
452	-0.0444	0.0747	0.1051	0.000013	0.000000	-0.000038
453	-0.0293	0.0785	0.1047	0.000023	0.000000	-0.000039
454	-0.0142	0.0817	0.1038	0.000032	0.000000	-0.000025
455	0.0006	0.0831	0.1027	0.000036	0.000000	-0.000003
456	-0.0024	0.0802	0.1518	0.000018	0.000000	0.000017
457	0.0122	0.0779	0.1526	0.000008	0.000000	0.000030
458	0.0268	0.0746	0.1534	0.000002	0.000000	0.000039

RELAZIONE DI CALCOLO -

459	0.0414	0.0707	0.1541	-0.000004	0.000000	0.000039
460	0.0560	0.0673	0.1548	-0.000009	0.000000	0.000030
461	0.0705	0.0654	0.1555	-0.000011	0.000000	0.000009
462	-0.0162	0.0784	0.1375	0.000013	0.000000	-0.000015
463	-0.0155	0.0774	0.1240	0.000009	0.000000	-0.000017
464	-0.0148	0.0768	0.1105	0.000005	0.000000	-0.000023
465	-0.0260	0.0785	0.1505	0.000016	0.000000	-0.000028
466	-0.0231	0.0742	0.0965	0.000009	0.000000	-0.000043
467	-0.0796	-0.0628	-0.0014	-0.000165	0.000000	-0.000061
468	-0.0962	-0.0715	0.0140	-0.000017	0.000000	0.000009
469	-0.1091	-0.0731	0.0269	-0.000029	0.000000	-0.000082
470	-0.1017	-0.0668	0.0282	-0.000036	0.000000	-0.000140
471	-0.0928	-0.0593	0.0293	-0.000059	0.000000	-0.000126
472	-0.0841	-0.0522	0.0132	-0.000088	0.000000	-0.000109
473	-0.0740	-0.0449	-0.0018	-0.000067	0.000000	-0.000090
474	-0.0601	-0.0370	0.0076	-0.000081	0.000000	-0.000081
475	-0.0472	-0.0325	0.0145	-0.000082	0.000000	-0.000011
476	-0.0701	-0.0434	0.0208	-0.000060	0.000000	-0.000074
477	-0.0555	-0.0382	0.0271	-0.000047	0.000000	-0.000038
478	-0.0644	-0.0409	0.0396	-0.000014	0.000000	-0.000044
479	-0.0780	-0.0480	0.0337	-0.000049	0.000000	-0.000107
480	-0.1147	-0.0638	0.0252	0.000000	0.000123	0.000003
481	-0.1143	-0.0522	0.0281	0.000000	0.000140	-0.000007
482	-0.0862	-0.0535	-0.0019	0.000000	0.000175	0.000019
483	-0.1018	-0.0597	0.0116	0.000000	0.000171	-0.000004
484	-0.0999	-0.0482	0.0151	0.000000	0.000189	0.000037
485	-0.0840	-0.0430	0.0020	0.000000	0.000169	0.000029
486	-0.0554	-0.0120	0.0519	0.000000	0.000107	-0.000037
487	-0.0525	-0.0251	0.0489	0.000000	0.000091	-0.000027
488	-0.0373	-0.0066	0.0254	0.000000	0.000086	-0.000015
489	-0.0459	-0.0088	0.0386	0.000000	0.000110	-0.000035
490	-0.0432	-0.0221	0.0362	0.000000	0.000113	-0.000025
491	-0.0354	-0.0190	0.0235	0.000000	0.000070	-0.000031
492	0.0732	-0.0441	-0.0013	-0.000068	0.000000	0.000089
493	0.0839	-0.0515	0.0137	-0.000090	0.000000	0.000109
494	0.0932	-0.0588	0.0298	-0.000061	0.000000	0.000130
495	0.1020	-0.0665	0.0283	-0.000039	0.000000	0.000143
496	0.1093	-0.0729	0.0267	-0.000028	0.000000	0.000085
497	0.0959	-0.0713	0.0139	-0.000021	0.000000	-0.000002
498	0.0789	-0.0622	-0.0014	-0.000168	0.000000	0.000070
499	0.0467	-0.0318	0.0156	-0.000080	0.000000	0.000012
500	0.0594	-0.0363	0.0084	-0.000081	0.000000	0.000081
501	0.0650	-0.0403	0.0407	-0.000015	0.000000	0.000044
502	0.0556	-0.0375	0.0283	-0.000048	0.000000	0.000039
503	0.0697	-0.0426	0.0213	-0.000061	0.000000	0.000074
504	0.0785	-0.0474	0.0344	-0.000050	0.000000	0.000108
505	0.0543	-0.0246	0.0500	-0.000008	-0.000099	0.000024
506	0.0580	-0.0118	0.0522	-0.000009	-0.000115	0.000038
507	0.0358	-0.0186	0.0246	-0.000006	-0.000082	0.000027
508	0.0444	-0.0217	0.0373	-0.000009	-0.000123	0.000023
509	0.0480	-0.0085	0.0390	-0.000009	-0.000121	0.000035
510	0.0385	-0.0064	0.0258	-0.000007	-0.000097	0.000016
511	0.1153	-0.0524	0.0276	0.000000	-0.000142	0.000008
512	0.1155	-0.0639	0.0244	0.000000	-0.000128	-0.000002
513	0.0842	-0.0430	0.0015	0.000000	-0.000175	-0.000027
514	0.1006	-0.0483	0.0146	0.000000	-0.000193	-0.000035
515	0.1022	-0.0598	0.0108	0.000000	-0.000175	0.000005
516	0.0861	-0.0534	-0.0026	0.000000	-0.000181	-0.000018
517	-0.0130	-0.0438	0.0456	0.000000	-0.000006	-0.000006
518	-0.0129	-0.0436	0.0319	0.000000	0.000009	-0.000020
519	-0.0102	-0.0414	0.0184	0.000000	0.000053	-0.000046
520	0.0134	-0.0436	0.0457	0.000000	0.000003	-0.000002
521	0.0131	-0.0435	0.0319	0.000000	-0.000011	0.000015
522	0.0103	-0.0413	0.0185	0.000000	-0.000054	0.000045
523	-0.0683	-0.0202	0.0082	0.000000	0.000172	0.000152
524	-0.0854	-0.0234	0.0212	0.000000	0.000219	0.000124
525	-0.1045	-0.0263	0.0340	0.000000	0.000215	0.000120
526	-0.0526	-0.0077	0.0106	0.000000	0.000211	0.000162
527	-0.0720	-0.0099	0.0237	0.000000	0.000231	0.000144
528	-0.0909	-0.0120	0.0365	0.000000	0.000199	0.000148
529	-0.0399	0.0048	0.0124	0.000000	0.000220	0.000094
530	-0.0596	0.0034	0.0255	0.000000	0.000230	0.000100

531	-0.0787	0.0021	0.0384	0.000000	0.000205	0.000096
532	-0.0351	0.0172	0.0137	0.000000	0.000210	0.000002
533	-0.0539	0.0168	0.0269	0.000000	0.000219	0.000014
534	-0.0719	0.0162	0.0398	0.000000	0.000191	0.000038
535	-0.0399	0.0298	0.0145	0.000000	0.000188	-0.000099
536	-0.0563	0.0304	0.0276	0.000000	0.000186	-0.000061
537	-0.0716	0.0304	0.0405	0.000000	0.000162	-0.000031
538	-0.0767	0.0450	0.0404	0.000000	0.000108	-0.000070
539	-0.0833	0.0597	0.0396	0.000000	0.000053	-0.000062
540	-0.0526	0.0425	0.0144	0.000000	0.000151	-0.000154
541	-0.0657	0.0442	0.0275	0.000000	0.000145	-0.000126
542	-0.0779	0.0586	0.0263	0.000000	0.000074	-0.000113
543	-0.0694	0.0557	0.0132	0.000000	0.000117	-0.000186
544	0.0000	-0.0328	0.0459	0.000006	0.000000	0.000001
545	0.0000	-0.0326	0.0329	-0.000011	0.000000	0.000000
546	0.0000	-0.0302	0.0202	-0.000041	0.000000	0.000000
547	-0.0090	0.0288	0.0123	0.000000	-0.000108	0.000047
548	0.0010	0.0330	0.0253	0.000000	-0.000114	0.000121
549	0.0084	0.0363	0.0383	0.000000	-0.000055	0.000113
550	-0.0121	0.0167	0.0153	0.000000	-0.000056	0.000017
551	-0.0068	0.0198	0.0283	0.000000	-0.000068	0.000047
552	-0.0010	0.0224	0.0412	0.000000	-0.000061	0.000083
553	-0.0128	0.0048	0.0174	0.000000	-0.000022	-0.000001
554	-0.0102	0.0067	0.0305	0.000000	-0.000035	0.000026
555	-0.0072	0.0086	0.0432	0.000000	-0.000035	0.000050
556	-0.0112	-0.0052	0.0447	0.000000	-0.000021	0.000033
557	-0.0132	-0.0190	0.0455	0.000000	-0.000009	0.000011
558	-0.0124	-0.0072	0.0189	0.000000	0.000000	-0.000008
559	-0.0123	-0.0063	0.0319	0.000000	-0.000005	0.000021
560	-0.0138	-0.0195	0.0327	0.000000	-0.000005	0.000009
561	-0.0129	-0.0192	0.0197	0.000000	0.000025	0.000021
562	0.0129	-0.0191	0.0197	0.000000	-0.000024	-0.000022
563	0.0137	-0.0194	0.0327	0.000000	0.000007	-0.000010
564	0.0129	-0.0189	0.0456	0.000000	0.000011	-0.000013
565	0.0124	-0.0071	0.0190	0.000000	0.000002	0.000007
566	0.0121	-0.0062	0.0320	0.000000	0.000008	-0.000021
567	0.0107	-0.0051	0.0448	0.000000	0.000024	-0.000034
568	0.0128	0.0048	0.0175	0.000000	0.000024	0.000001
569	0.0100	0.0068	0.0305	0.000000	0.000038	-0.000025
570	0.0067	0.0087	0.0433	0.000000	0.000038	-0.000050
571	0.0005	0.0225	0.0412	0.000000	0.000065	-0.000082
572	-0.0087	0.0365	0.0384	0.000000	0.000058	-0.000111
573	0.0121	0.0168	0.0154	0.000000	0.000058	-0.000017
574	0.0066	0.0199	0.0284	0.000000	0.000071	-0.000046
575	-0.0011	0.0331	0.0254	0.000000	0.000116	-0.000120
576	0.0091	0.0288	0.0123	0.000000	0.000109	-0.000046
577	0.0696	0.0556	0.0133	0.000000	-0.000118	0.000186
578	0.0781	0.0585	0.0264	0.000000	-0.000076	0.000112
579	0.0837	0.0596	0.0398	0.000000	-0.000054	0.000062
580	0.0529	0.0425	0.0145	0.000000	-0.000153	0.000154
581	0.0660	0.0441	0.0276	0.000000	-0.000146	0.000125
582	0.0772	0.0448	0.0405	0.000000	-0.000108	0.000069
583	0.0402	0.0298	0.0145	0.000000	-0.000191	0.000098
584	0.0568	0.0303	0.0276	0.000000	-0.000188	0.000060
585	0.0722	0.0302	0.0404	0.000000	-0.000162	0.000030
586	0.0354	0.0172	0.0136	0.000000	-0.000213	-0.000003
587	0.0545	0.0167	0.0268	0.000000	-0.000222	-0.000015
588	0.0727	0.0160	0.0396	0.000000	-0.000192	-0.000040
589	0.0403	0.0048	0.0122	0.000000	-0.000224	-0.000095
590	0.0604	0.0033	0.0254	0.000000	-0.000233	-0.000102
591	0.0796	0.0018	0.0382	0.000000	-0.000206	-0.000098
592	0.0919	-0.0123	0.0363	0.000000	-0.000201	-0.000149
593	0.1055	-0.0265	0.0336	0.000000	-0.000218	-0.000120
594	0.0531	-0.0077	0.0103	0.000000	-0.000214	-0.000162
595	0.0728	-0.0100	0.0234	0.000000	-0.000234	-0.000145
596	0.0862	-0.0235	0.0208	0.000000	-0.000222	-0.000123
597	0.0687	-0.0202	0.0078	0.000000	-0.000176	-0.000151
598	-0.0516	0.0514	0.0180	0.000133	0.000000	0.000124
599	-0.0558	0.0618	0.0324	0.000087	0.000000	0.000110
600	-0.0598	0.0676	0.0453	0.000035	0.000000	0.000064
601	-0.0480	0.0618	0.0451	0.000065	0.000000	0.000062
602	-0.0362	0.0585	0.0449	0.000101	0.000000	0.000007

603	-0.0394	0.0462	0.0310	0.000158	0.000000	-0.000023
604	-0.0407	0.0327	0.0157	0.000129	0.000000	-0.000025
605	-0.0659	0.0637	0.0149	0.000104	0.000000	0.000146
606	-0.0699	0.0704	0.0278	0.000045	0.000000	0.000078
607	-0.0731	0.0726	0.0413	0.000011	0.000000	0.000049
608	-0.0291	0.0348	0.0159	0.000153	0.000000	-0.000038
609	-0.0186	0.0392	0.0145	0.000142	0.000000	-0.000082
610	-0.0085	0.0461	0.0123	0.000120	0.000000	-0.000102
611	-0.0054	0.0559	0.0252	0.000104	0.000000	-0.000071
612	-0.0026	0.0639	0.0380	0.000077	0.000000	-0.000047
613	-0.0280	0.0478	0.0290	0.000133	0.000000	-0.000035
614	-0.0166	0.0510	0.0273	0.000124	0.000000	-0.000061
615	-0.0142	0.0605	0.0400	0.000094	0.000000	-0.000043
616	-0.0255	0.0581	0.0418	0.000106	0.000000	-0.000028
617	0.0179	0.0662	0.0329	0.000045	0.000000	0.000021
618	0.0148	0.0626	0.0194	0.000038	0.000000	0.000006
619	0.0097	0.0563	0.0061	0.000111	0.000000	-0.000042
620	0.0422	0.0331	0.0152	0.000127	0.000000	0.000016
621	0.0412	0.0464	0.0305	0.000156	0.000000	0.000018
622	0.0384	0.0585	0.0445	0.000100	0.000000	-0.000011
623	0.0503	0.0622	0.0451	0.000054	0.000000	-0.000066
624	0.0620	0.0682	0.0454	0.000028	0.000000	-0.000064
625	0.0579	0.0632	0.0325	0.000078	0.000000	-0.000104
626	0.0533	0.0532	0.0181	0.000132	0.000000	-0.000122
627	0.0033	0.0635	0.0377	0.000076	0.000000	0.000048
628	0.0060	0.0556	0.0249	0.000104	0.000000	0.000072
629	0.0090	0.0458	0.0121	0.000121	0.000000	0.000102
630	0.0195	0.0386	0.0141	0.000142	0.000000	0.000079
631	0.0302	0.0345	0.0154	0.000153	0.000000	0.000032
632	0.0154	0.0599	0.0395	0.000093	0.000000	0.000042
633	0.0176	0.0505	0.0269	0.000125	0.000000	0.000059
634	0.0294	0.0473	0.0283	0.000134	0.000000	0.000031
635	0.0271	0.0577	0.0412	0.000105	0.000000	0.000024
636	0.0538	0.0655	0.0506	0.000044	0.000000	-0.000055
637	0.0591	0.0677	0.0505	0.000031	0.000000	-0.000059
638	0.0668	0.0643	0.0149	0.000102	0.000000	-0.000140
639	0.0712	0.0708	0.0282	0.000041	0.000000	-0.000071
640	0.0744	0.0728	0.0415	0.000009	0.000000	-0.000044
641	-0.0176	0.0661	0.0327	0.000044	0.000000	-0.000019
642	-0.0146	0.0626	0.0192	0.000038	0.000000	-0.000005
643	-0.0095	0.0563	0.0059	0.000110	0.000000	0.000042
644	-0.1176	-0.0787	0.0516	-0.000036	0.000000	-0.000037
645	-0.1222	-0.0816	0.0658	-0.000022	0.000000	-0.000019
646	-0.1268	-0.0832	0.0797	-0.000016	0.000000	-0.000038
647	-0.1187	-0.0795	0.0821	-0.000026	0.000000	-0.000092
648	-0.1106	-0.0741	0.0844	-0.000047	0.000000	-0.000100
649	-0.1072	-0.0695	0.0703	-0.000053	0.000000	-0.000109
650	-0.1030	-0.0657	0.0556	-0.000034	0.000000	-0.000106
651	-0.0893	-0.0557	0.0601	-0.000046	0.000000	-0.000110
652	-0.0760	-0.0481	0.0649	-0.000070	0.000000	-0.000047
653	-0.0932	-0.0599	0.0732	-0.000053	0.000000	-0.000090
654	-0.0791	-0.0530	0.0763	-0.000053	0.000000	-0.000052
655	-0.0819	-0.0567	0.0878	-0.000043	0.000000	-0.000053
656	-0.0960	-0.0638	0.0845	-0.000054	0.000000	-0.000095
657	-0.1313	-0.0723	0.0760	0.000000	0.000033	0.000023
658	-0.1293	-0.0606	0.0767	0.000000	0.000002	0.000021
659	-0.1262	-0.0688	0.0513	0.000000	0.000033	-0.000033
660	-0.1288	-0.0706	0.0640	0.000000	0.000029	-0.000012
661	-0.1295	-0.0590	0.0651	0.000000	-0.000004	-0.000007
662	-0.1284	-0.0571	0.0530	0.000000	0.000033	-0.000028
663	-0.0672	-0.0277	0.1004	0.000000	0.000012	-0.000001
664	-0.0676	-0.0407	0.0958	0.000000	0.000016	0.000011
665	-0.0653	-0.0193	0.0770	0.000000	0.000013	-0.000016
666	-0.0663	-0.0234	0.0888	0.000000	0.000012	-0.000004
667	-0.0660	-0.0364	0.0844	0.000000	0.000022	-0.000004
668	-0.0636	-0.0323	0.0730	0.000000	0.000044	-0.000019
669	0.1044	-0.0654	0.0561	-0.000035	0.000000	0.000113
670	0.1091	-0.0693	0.0707	-0.000054	0.000000	0.000120
671	0.1132	-0.0741	0.0846	-0.000050	0.000000	0.000124
672	0.1213	-0.0806	0.0818	-0.000032	0.000000	0.000108
673	0.1294	-0.0846	0.0788	-0.000024	0.000000	0.000029
674	0.1243	-0.0825	0.0651	-0.000026	0.000000	0.000010

675	0.1191	-0.0792	0.0511	-0.000042	0.000000	0.000031
676	0.0776	-0.0471	0.0660	-0.000065	0.000000	0.000049
677	0.0908	-0.0549	0.0609	-0.000044	0.000000	0.000115
678	0.0845	-0.0545	0.0888	-0.000035	0.000000	0.000056
679	0.0812	-0.0514	0.0775	-0.000046	0.000000	0.000056
680	0.0950	-0.0586	0.0732	-0.000049	0.000000	0.000099
681	0.0985	-0.0623	0.0851	-0.000046	0.000000	0.000108
682	0.0707	-0.0388	0.0968	-0.000001	-0.000017	-0.000022
683	0.0706	-0.0257	0.1007	-0.000001	-0.000012	-0.000006
684	0.0663	-0.0314	0.0741	-0.000004	-0.000052	0.000015
685	0.0691	-0.0350	0.0854	-0.000002	-0.000030	-0.000001
686	0.0699	-0.0220	0.0891	-0.000001	-0.000015	-0.000002
687	0.0687	-0.0185	0.0774	-0.000002	-0.000021	0.000015
688	0.1303	-0.0613	0.0765	0.000000	0.000009	-0.000028
689	0.1330	-0.0730	0.0750	0.000000	-0.000027	-0.000040
690	0.1298	-0.0575	0.0526	0.000000	-0.000036	0.000026
691	0.1309	-0.0595	0.0647	0.000000	0.000007	0.000002
692	0.1308	-0.0711	0.0630	0.000000	-0.000031	0.000003
693	0.1279	-0.0691	0.0503	0.000000	-0.000038	0.000028
694	-0.0136	-0.0394	0.0950	0.000000	-0.000008	-0.000006
695	-0.0137	-0.0407	0.0833	0.000000	0.000005	-0.000007
696	-0.0132	-0.0419	0.0714	0.000000	0.000009	-0.000009
697	0.0139	-0.0392	0.0951	0.000000	0.000004	-0.000006
698	0.0139	-0.0405	0.0833	0.000000	-0.000004	-0.000005
699	0.0136	-0.0418	0.0715	0.000000	-0.000004	-0.000002
700	-0.1252	-0.0305	0.0580	0.000000	0.000033	0.000078
701	-0.1268	-0.0321	0.0694	0.000000	0.000010	0.000043
702	-0.1280	-0.0337	0.0808	0.000000	0.000024	0.000011
703	-0.1152	-0.0155	0.0605	0.000000	0.000094	0.000116
704	-0.1209	-0.0170	0.0718	0.000000	0.000052	0.000077
705	-0.1244	-0.0185	0.0831	0.000000	0.000039	0.000059
706	-0.1050	-0.0006	0.0625	0.000000	0.000114	0.000089
707	-0.1126	-0.0019	0.0738	0.000000	0.000081	0.000086
708	-0.1180	-0.0032	0.0851	0.000000	0.000058	0.000071
709	-0.0973	0.0143	0.0639	0.000000	0.000115	0.000065
710	-0.1050	0.0132	0.0752	0.000000	0.000084	0.000068
711	-0.1107	0.0120	0.0866	0.000000	0.000065	0.000073
712	-0.0925	0.0293	0.0647	0.000000	0.000094	0.000030
713	-0.0990	0.0283	0.0762	0.000000	0.000071	0.000051
714	-0.1039	0.0272	0.0877	0.000000	0.000056	0.000064
715	-0.0978	0.0424	0.0884	0.000000	0.000037	0.000057
716	-0.0927	0.0575	0.0889	0.000000	0.000013	0.000046
717	-0.0905	0.0443	0.0650	0.000000	0.000061	0.000010
718	-0.0946	0.0434	0.0767	0.000000	0.000045	0.000036
719	-0.0915	0.0584	0.0770	0.000000	0.000017	0.000026
720	-0.0899	0.0593	0.0651	0.000000	0.000024	0.000002
721	-0.0003	-0.0289	0.0940	0.000017	0.000000	0.000001
722	-0.0002	-0.0301	0.0824	0.000015	0.000000	0.000000
723	-0.0001	-0.0312	0.0707	0.000014	0.000000	0.000001
724	0.0147	0.0404	0.0630	0.000000	-0.000024	0.000100
725	0.0163	0.0416	0.0748	0.000000	-0.000017	0.000096
726	0.0176	0.0428	0.0865	0.000000	-0.000016	0.000092
727	0.0057	0.0261	0.0653	0.000000	-0.000027	0.000091
728	0.0075	0.0274	0.0767	0.000000	-0.000020	0.000091
729	0.0088	0.0286	0.0883	0.000000	-0.000015	0.000093
730	-0.0021	0.0117	0.0672	0.000000	-0.000023	0.000075
731	-0.0005	0.0130	0.0785	0.000000	-0.000017	0.000079
732	0.0006	0.0143	0.0900	0.000000	-0.000012	0.000082
733	-0.0064	0.0000	0.0915	0.000000	-0.000008	0.000065
734	-0.0114	-0.0143	0.0928	0.000000	-0.000004	0.000042
735	-0.0082	-0.0026	0.0687	0.000000	-0.000015	0.000054
736	-0.0071	-0.0013	0.0800	0.000000	-0.000012	0.000061
737	-0.0117	-0.0156	0.0813	0.000000	-0.000004	0.000036
738	-0.0121	-0.0168	0.0698	0.000000	-0.000007	0.000030
739	0.0114	-0.0167	0.0699	0.000000	0.000009	-0.000034
740	0.0108	-0.0154	0.0813	0.000000	0.000007	-0.000042
741	0.0102	-0.0141	0.0929	0.000000	0.000009	-0.000051
742	0.0071	-0.0024	0.0688	0.000000	0.000019	-0.000058
743	0.0057	-0.0011	0.0801	0.000000	0.000017	-0.000067
744	0.0043	0.0001	0.0915	0.000000	0.000018	-0.000074
745	0.0007	0.0119	0.0673	0.000000	0.000029	-0.000077
746	-0.0014	0.0132	0.0786	0.000000	0.000025	-0.000083

747	-0.0033	0.0144	0.0900	0.000000	0.000024	-0.000086
748	-0.0117	0.0287	0.0884	0.000000	0.000025	-0.000094
749	-0.0202	0.0430	0.0867	0.000000	0.000024	-0.000086
750	-0.0071	0.0262	0.0654	0.000000	0.000035	-0.000091
751	-0.0096	0.0276	0.0768	0.000000	0.000029	-0.000091
752	-0.0182	0.0418	0.0749	0.000000	0.000026	-0.000092
753	-0.0160	0.0406	0.0632	0.000000	0.000032	-0.000096
754	0.0901	0.0590	0.0653	0.000000	-0.000020	-0.000001
755	0.0913	0.0580	0.0773	0.000000	-0.000010	-0.000022
756	0.0917	0.0569	0.0891	0.000000	-0.000001	-0.000037
757	0.0906	0.0439	0.0651	0.000000	-0.000055	-0.000009
758	0.0940	0.0430	0.0767	0.000000	-0.000034	-0.000033
759	0.0961	0.0418	0.0883	0.000000	-0.000019	-0.000052
760	0.0926	0.0289	0.0646	0.000000	-0.000088	-0.000032
761	0.0984	0.0278	0.0760	0.000000	-0.000059	-0.000053
762	0.1020	0.0267	0.0874	0.000000	-0.000036	-0.000066
763	0.0977	0.0139	0.0637	0.000000	-0.000109	-0.000069
764	0.1047	0.0127	0.0750	0.000000	-0.000073	-0.000074
765	0.1094	0.0114	0.0864	0.000000	-0.000047	-0.000081
766	0.1058	-0.0010	0.0623	0.000000	-0.000111	-0.000094
767	0.1131	-0.0024	0.0736	0.000000	-0.000074	-0.000094
768	0.1176	-0.0038	0.0849	0.000000	-0.000045	-0.000083
769	0.1252	-0.0191	0.0830	0.000000	-0.000034	-0.000068
770	0.1291	-0.0343	0.0807	0.000000	-0.000022	-0.000009
771	0.1164	-0.0160	0.0603	0.000000	-0.000093	-0.000119
772	0.1219	-0.0176	0.0716	0.000000	-0.000050	-0.000082
773	0.1281	-0.0327	0.0692	0.000000	-0.000008	-0.000044
774	0.1265	-0.0309	0.0578	0.000000	-0.000032	-0.000078
775	-0.0428	0.0655	0.0565	0.000066	0.000000	0.000027
776	-0.0505	0.0671	0.0565	0.000046	0.000000	0.000037
777	-0.0504	0.0701	0.0693	0.000020	0.000000	0.000016
778	-0.0503	0.0717	0.0823	0.000014	0.000000	-0.000001
779	-0.0497	0.0729	0.0955	0.000012	0.000000	-0.000023
780	-0.0410	0.0746	0.0953	0.000016	0.000000	-0.000037
781	-0.0324	0.0765	0.0951	0.000021	0.000000	-0.000032
782	-0.0329	0.0741	0.0819	0.000032	0.000000	-0.000021
783	-0.0339	0.0704	0.0689	0.000049	0.000000	-0.000014
784	-0.0350	0.0650	0.0559	0.000073	0.000000	-0.000005
785	-0.0108	0.0722	0.0640	0.000052	0.000000	-0.000019
786	-0.0099	0.0758	0.0756	0.000042	0.000000	-0.000014
787	-0.0092	0.0790	0.0878	0.000036	0.000000	-0.000015
788	-0.0214	0.0751	0.0789	0.000039	0.000000	-0.000020
789	-0.0223	0.0712	0.0666	0.000054	0.000000	-0.000017
790	-0.0634	0.0717	0.0810	-0.000002	0.000000	0.000002
791	-0.0764	0.0722	0.0793	-0.000012	0.000000	0.000009
792	-0.0759	0.0730	0.0667	-0.000009	0.000000	0.000016
793	-0.0632	0.0715	0.0682	0.000006	0.000000	0.000018
794	0.0024	0.0793	0.0863	0.000033	0.000000	0.000004
795	0.0017	0.0766	0.0745	0.000036	0.000000	-0.000008
796	0.0009	0.0735	0.0626	0.000046	0.000000	-0.000014
797	-0.0208	0.0778	0.0901	0.000032	0.000000	-0.000023
798	-0.0290	0.0665	0.0577	0.000071	0.000000	-0.000012
799	-0.0288	0.0676	0.0600	0.000067	0.000000	-0.000014
800	-0.0762	0.0713	0.0906	-0.000012	0.000000	0.000003
801	-0.0631	0.0715	0.0917	-0.000003	0.000000	-0.000008
802	-0.0547	0.0691	0.0601	0.000030	0.000000	0.000032
803	0.0451	0.0690	0.0685	0.000034	0.000000	0.000003
804	0.0441	0.0713	0.0815	0.000017	0.000000	0.000012
805	0.0433	0.0721	0.0945	0.000002	0.000000	0.000021
806	0.0516	0.0710	0.0945	-0.000002	0.000000	0.000020
807	0.0601	0.0702	0.0947	-0.000005	0.000000	0.000007
808	0.0611	0.0706	0.0812	-0.000006	0.000000	-0.000008
809	0.0615	0.0708	0.0682	0.000001	0.000000	-0.000021
810	0.0705	0.0713	0.0803	-0.000012	0.000000	-0.000009
811	0.0800	0.0720	0.0792	-0.000015	0.000000	-0.000011
812	0.0728	0.0701	0.0943	-0.000014	0.000000	-0.000004
813	0.0717	0.0707	0.0873	-0.000014	0.000000	-0.000006
814	0.0665	0.0701	0.0945	-0.000010	0.000000	0.000002
815	0.0138	0.0754	0.0871	0.000018	0.000000	0.000017
816	0.0134	0.0736	0.0755	0.000031	0.000000	0.000015
817	0.0132	0.0708	0.0638	0.000044	0.000000	0.000019
818	0.0339	0.0720	0.0796	0.000023	0.000000	0.000014

819	0.0236	0.0728	0.0776	0.000029	0.000000	0.000016
820	0.0304	0.0738	0.0930	0.000010	0.000000	0.000019
821	0.0321	0.0730	0.0863	0.000016	0.000000	0.000017
822	0.0794	0.0731	0.0666	-0.000012	0.000000	-0.000014
823	0.0693	0.0719	0.0675	-0.000005	0.000000	-0.000020
824	0.0802	0.0712	0.0877	-0.000016	0.000000	-0.000010
825	0.0804	0.0705	0.0947	-0.000015	0.000000	-0.000011
826	0.0664	0.0705	0.0877	-0.000010	0.000000	-0.000003
827	0.0667	0.0697	0.0989	-0.000010	0.000000	0.000004
828	0.0005	0.0723	0.0624	0.000038	0.000000	0.000017
829	0.0003	0.0747	0.0743	0.000025	0.000000	0.000012
830	0.0001	0.0764	0.0860	0.000018	0.000000	0.000005
831	0.0349	0.0691	0.0671	0.000044	0.000000	0.000007
832	0.0241	0.0697	0.0655	0.000047	0.000000	0.000015
833	0.0232	0.0738	0.0836	0.000021	0.000000	0.000017
834	-0.1017	-0.0715	0.1080	-0.000050	0.000000	-0.000084
835	-0.1050	-0.0759	0.1216	-0.000052	0.000000	-0.000066
836	-0.1084	-0.0801	0.1353	-0.000047	0.000000	-0.000056
837	-0.1298	-0.0864	0.1146	-0.000027	0.000000	-0.000049
838	-0.1176	-0.0816	0.1181	-0.000038	0.000000	-0.000069
839	-0.1251	-0.0836	0.1013	-0.000028	0.000000	-0.000063
840	-0.0954	-0.0759	0.1390	-0.000054	0.000000	-0.000041
841	-0.0918	-0.0710	0.1254	-0.000057	0.000000	-0.000046
842	-0.0881	-0.0655	0.1118	-0.000065	0.000000	-0.000048
843	-0.1335	-0.0888	0.1281	-0.000028	0.000000	-0.000040
844	-0.1210	-0.0848	0.1317	-0.000038	0.000000	-0.000056
845	-0.1139	-0.0782	0.1045	-0.000039	0.000000	-0.000080
846	-0.1295	-0.0845	0.0903	-0.000023	0.000000	-0.000044
847	-0.1422	-0.0803	0.1127	0.000000	0.000043	0.000014
848	-0.1412	-0.0717	0.1143	0.000000	0.000045	0.000021
849	-0.1403	-0.0630	0.1159	0.000000	0.000046	0.000014
850	-0.1353	-0.0610	0.1020	0.000000	0.000062	0.000015
851	-0.1366	-0.0697	0.1005	0.000000	0.000055	0.000033
852	-0.1382	-0.0783	0.0990	0.000000	0.000047	0.000021
853	-0.1325	-0.0615	0.0949	0.000000	0.000064	0.000036
854	-0.1453	-0.0806	0.1243	0.000000	0.000042	0.000016
855	-0.1437	-0.0713	0.1240	0.000000	0.000041	0.000020
856	-0.1423	-0.0636	0.1238	0.000000	0.000037	0.000021
857	-0.1342	-0.0683	0.0937	0.000000	0.000048	0.000038
858	-0.0773	-0.0394	0.1410	0.000000	0.000049	0.000004
859	-0.0779	-0.0491	0.1371	0.000000	0.000050	0.000017
860	-0.0788	-0.0587	0.1332	0.000000	0.000048	0.000010
861	-0.0739	-0.0536	0.1196	0.000000	0.000057	0.000019
862	-0.0732	-0.0439	0.1234	0.000000	0.000052	0.000007
863	-0.0725	-0.0342	0.1272	0.000000	0.000054	0.000016
864	-0.0712	-0.0494	0.1134	0.000000	0.000060	-0.000004
865	-0.0825	-0.0654	0.1444	0.000000	0.000044	-0.000001
866	-0.0709	-0.0391	0.1174	0.000000	0.000041	0.000011
867	-0.0701	-0.0308	0.1205	0.000000	0.000044	0.000018
868	0.1323	-0.0862	0.0863	-0.000035	0.000000	0.000035
869	-0.0187	-0.0352	0.1329	0.000000	0.000045	0.000028
870	-0.0152	-0.0366	0.1199	0.000000	0.000035	0.000007
871	0.0133	-0.0370	0.1144	0.000000	-0.000007	-0.000009
872	-0.1173	0.0130	0.1089	0.000000	0.000050	0.000076
873	-0.1012	0.0426	0.1065	0.000000	0.000034	0.000079
874	-0.0940	0.0572	0.1050	0.000000	0.000017	0.000068
875	-0.1245	-0.0019	0.1096	0.000000	0.000049	0.000063
876	-0.1302	-0.0161	0.1102	0.000000	0.000049	0.000046
877	-0.1379	-0.0421	0.1161	0.000000	0.000053	0.000010
878	-0.1342	-0.0302	0.1108	0.000000	0.000050	0.000025
879	-0.1342	-0.0432	0.1040	0.000000	0.000044	0.000001
880	-0.1093	0.0279	0.1079	0.000000	0.000045	0.000080
881	-0.0116	-0.0117	0.1199	0.000000	0.000009	0.000046
882	-0.0137	-0.0153	0.1286	0.000000	0.000019	0.000042
883	-0.0229	0.0452	0.1100	0.000000	0.000011	-0.000074
884	-0.0240	0.0463	0.1215	0.000000	0.000017	-0.000067
885	-0.0255	0.0474	0.1330	0.000000	0.000022	-0.000064
886	-0.0151	0.0309	0.1102	0.000000	0.000022	-0.000090
887	-0.0165	0.0319	0.1205	0.000000	0.000021	-0.000084
888	-0.0181	0.0329	0.1307	0.000000	0.000024	-0.000081
889	-0.0065	0.0166	0.1104	0.000000	0.000024	-0.000088
890	-0.0079	0.0175	0.1192	0.000000	0.000025	-0.000089

891	-0.0094	0.0184	0.1281	0.000000	0.000025	-0.000088
892	-0.0006	0.0037	0.1252	0.000000	0.000025	-0.000083
893	0.0071	-0.0110	0.1209	0.000000	0.000021	-0.000062
894	0.0009	0.0037	0.1100	0.000000	0.000023	-0.000082
895	0.0006	0.0031	0.1168	0.000000	0.000023	-0.000081
896	0.0080	-0.0113	0.1133	0.000000	0.000022	-0.000063
897	0.0063	-0.0068	0.1092	0.000000	0.000020	-0.000068
898	0.0894	0.0536	0.1383	0.000000	0.000010	-0.000053
899	0.0903	0.0542	0.1258	0.000000	0.000008	-0.000054
900	0.0911	0.0549	0.1134	0.000000	0.000006	-0.000053
901	0.0956	0.0400	0.1338	0.000000	0.000009	-0.000076
902	0.0965	0.0402	0.1225	0.000000	0.000005	-0.000074
903	0.0971	0.0404	0.1112	0.000000	0.000000	-0.000071
904	0.1033	0.0264	0.1294	0.000000	0.000004	-0.000090
905	0.1042	0.0260	0.1192	0.000000	-0.000001	-0.000087
906	0.1045	0.0257	0.1090	0.000000	-0.000009	-0.000083
907	0.1119	0.0127	0.1249	0.000000	-0.000004	-0.000096
908	0.1125	0.0118	0.1159	0.000000	-0.000010	-0.000092
909	0.1127	0.0110	0.1068	0.000000	-0.000017	-0.000087
910	0.1203	-0.0011	0.1204	0.000000	-0.000013	-0.000092
911	0.1207	-0.0025	0.1123	0.000000	-0.000017	-0.000087
912	0.1209	-0.0039	0.1043	0.000000	-0.000023	-0.000084
913	0.1269	-0.0132	0.1164	0.000000	-0.000021	-0.000081
914	0.1275	-0.0159	0.1096	0.000000	-0.000025	-0.000073
915	0.1283	-0.0195	0.1026	0.000000	-0.000028	-0.000062
916	0.1334	-0.0353	0.1016	0.000000	-0.000038	-0.000033
917	0.1328	-0.0291	0.1084	0.000000	-0.000031	-0.000049
918	0.1313	-0.0230	0.1138	0.000000	-0.000028	-0.000065
919	0.0428	0.0720	0.1110	-0.000002	0.000000	0.000027
920	0.0424	0.0717	0.1217	-0.000004	0.000000	0.000030
921	0.0421	0.0714	0.1325	-0.000004	0.000000	0.000033
922	0.0417	0.0711	0.1433	-0.000004	0.000000	0.000036
923	0.0127	0.0774	0.1416	0.000006	0.000000	0.000026
924	0.0131	0.0771	0.1311	0.000004	0.000000	0.000022
925	0.0136	0.0769	0.1203	0.000002	0.000000	0.000019
926	0.0140	0.0767	0.1095	0.000004	0.000000	0.000019
927	-0.0058	0.0780	0.1228	0.000006	0.000000	-0.000005
928	0.0039	0.0778	0.1215	0.000004	0.000000	0.000009
929	0.0020	0.0777	0.1097	0.000002	0.000000	0.000005
930	-0.0064	0.0776	0.1101	0.000002	0.000000	-0.000007
931	0.0534	0.0702	0.1122	-0.000006	0.000000	0.000022
932	0.0638	0.0689	0.1134	-0.000010	0.000000	0.000013
933	0.0750	0.0684	0.1147	-0.000013	0.000000	-0.000001
934	0.0746	0.0673	0.1281	-0.000011	0.000000	0.000001
935	0.0727	0.0664	0.1418	-0.000010	0.000000	0.000006
936	0.0527	0.0697	0.1242	-0.000007	0.000000	0.000026
937	0.0630	0.0681	0.1268	-0.000009	0.000000	0.000017
938	0.0609	0.0675	0.1404	-0.000008	0.000000	0.000022
939	0.0514	0.0694	0.1353	-0.000006	0.000000	0.000029
940	0.0497	0.0692	0.1445	-0.000006	0.000000	0.000032
941	0.0272	0.0745	0.1426	0.000001	0.000000	0.000035
942	0.0276	0.0745	0.1318	0.000000	0.000000	0.000032
943	0.0280	0.0745	0.1211	0.000000	0.000000	0.000029
944	0.0283	0.0745	0.1103	0.000001	0.000000	0.000026
945	-0.0015	0.0790	0.1406	0.000013	0.000000	0.000007
946	0.0024	0.0782	0.1310	0.000007	0.000000	0.000009
947	-0.0065	0.0784	0.1304	0.000009	0.000000	-0.000003
948	-0.0252	0.0772	0.1370	0.000013	0.000000	-0.000025
949	-0.0245	0.0761	0.1235	0.000011	0.000000	-0.000026
950	-0.0238	0.0751	0.1100	0.000011	0.000000	-0.000033

4.1.4.2 Sollecitazioni

Tabella 8.I

Asta	Imp.	Fili	X [cm]	N [daN]	Sollecitazioni				
					Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	2245.31	-44.03	-379.80	-2169.13	-1731.75	-1980.86
			20	1917.28	-44.04	-663.28	-1980.35	-1359.41	-1743.45

RELAZIONE DI CALCOLO -

			40	1598.54	-44.05	-913.74	-1801.53	-1033.95	-1512.45
2	Fond.	1, 2	0	-2187.47	69.02	-913.51	1479.21	-1049.17	-1872.01
			28	-2611.20	69.01	-304.99	1710.35	-576.60	-1567.78
			55	-3018.62	69.00	358.39	1925.81	-185.26	-1281.59
3	Fond.	1, 2	0	-3042.23	69.00	358.39	1925.81	-185.26	-1281.59
			28	-3433.45	68.99	1072.41	2125.52	130.02	-1014.79
			55	-3808.58	68.98	1832.56	2307.47	374.63	-767.48
4	Fond.	1, 2	0	3937.20	63.47	1833.10	-2877.20	380.77	-691.73
			46	3352.40	63.46	813.59	-2624.88	610.25	-321.35
			91	2817.03	63.44	-127.23	-2447.92	680.77	6.12
5	Fond.	1, 2	0	6275.25	88.85	-125.77	-1262.19	688.65	-83.04
			46	5790.19	88.84	-482.73	-1165.27	658.15	212.11
			91	5356.38	88.82	-833.63	-1144.79	498.14	485.95
6	Fond.	1, 2	0	6179.38	217.18	-832.42	189.84	451.17	152.19
			46	5796.79	217.16	-600.98	141.96	321.55	414.14
			91	5465.44	217.15	-425.82	34.55	73.71	670.75
7	Fond.	9, 1	0	7415.08	-49.21	-596.52	76.18	-699.15	-1206.21
			38	7676.34	-49.22	-643.29	229.95	-352.90	-597.58
			77	7974.69	-49.24	-640.66	412.30	-242.75	24.92
8	Fond.	9, 1	0	5795.19	78.06	-641.37	75.83	-239.79	-215.87
			38	6130.23	78.05	-706.25	291.64	-278.15	417.67
			77	6501.55	78.04	-695.71	546.05	-561.10	1059.77
9	Fond.	9, 1	0	3644.19	244.19	-696.67	819.40	-625.40	738.91
			38	4051.23	244.17	-489.89	1117.67	-1032.53	1385.47
			77	4493.47	244.16	-173.72	1464.23	-1687.19	2028.63
10	Fond.	2, 5	0	5132.96	-251.55	-398.41	-782.71	28.75	647.51
			43	4913.47	-251.54	-680.25	-930.36	-188.86	356.49
			87	4739.53	-251.53	-1052.17	-1113.03	-279.79	62.49
11	Fond.	2, 5	0	6134.45	-245.45	-1051.69	-3.60	-279.71	16.26
			43	6006.41	-245.44	-1046.40	-212.06	-222.01	-283.97
			87	5924.66	-245.44	-1153.56	-435.08	-32.20	-593.93
12	Fond.	2, 5	0	5087.90	-337.94	-1153.51	2120.96	15.32	-442.51
			43	5052.09	-337.93	-269.17	1894.86	276.30	-763.89
			87	5061.92	-337.93	499.72	1672.95	678.75	-1094.81
13	Fond.	3, 4	0	5527.87	-229.46	-414.99	-26.43	90.34	-665.94
			45	5845.58	-229.47	-587.58	-164.88	333.82	-415.81
			90	6213.08	-229.48	-828.42	-239.91	463.90	-161.09
14	Fond.	3, 4	0	5413.38	-104.73	-829.70	1195.57	507.53	-481.20
			45	5830.65	-104.75	-462.48	1192.27	664.86	-215.47
			90	6297.71	-104.76	-99.04	1268.26	698.46	70.44
15	Fond.	3, 4	0	2904.56	-77.38	-100.56	2444.52	691.58	-16.34
			45	3420.52	-77.40	825.38	2602.98	629.05	300.39
			90	3984.51	-77.42	1821.31	2839.19	415.08	658.32
16	Fond.	3, 4	0	-3692.47	-82.30	1820.73	-2382.49	411.70	729.40
			28	-3325.03	-82.31	1042.21	-2206.10	178.21	972.07
			55	-2941.46	-82.32	308.53	-2010.11	-124.70	1234.31
17	Fond.	3, 4	0	-2914.98	-82.32	308.53	-2010.11	-124.70	1234.31
			28	-2515.19	-82.34	-375.28	-1796.41	-502.44	1516.21
			55	-2099.06	-82.35	-1004.44	-1564.91	-960.29	1816.66
18	Fond.	3, 4	0	1661.16	35.30	-1004.72	1896.81	-950.00	1445.68
			22	2006.22	35.29	-703.87	2096.02	-1295.59	1697.71
			44	2362.53	35.28	-362.20	2308.96	-1697.58	1957.93
19	Fond.	8, 3	0	5203.77	386.15	571.77	-1726.36	557.61	1061.61
			43	5168.32	386.15	-212.12	-1948.06	171.28	718.00
			87	5178.85	386.16	-1112.97	-2179.56	-68.24	386.42
20	Fond.	8, 3	0	6021.39	283.52	-1112.91	387.60	-108.98	552.27
			43	6078.21	283.53	-1018.24	153.10	-279.26	233.31
			87	6181.64	283.54	-1042.80	-73.19	-313.22	-75.70
21	Fond.	8, 3	0	4734.36	277.02	-1043.15	1131.77	-305.79	-99.64
			43	4883.98	277.03	-657.08	924.79	-196.46	-402.85
			87	5079.40	277.04	-373.39	746.23	44.07	-703.82
22	Fond.	4, 12	0	4534.89	-223.24	-175.16	-1425.41	-1657.19	-1988.26
			38	4093.50	-223.25	-474.53	-1067.18	-1016.73	-1351.60
			77	3687.31	-223.27	-660.10	-757.47	-621.51	-710.46
23	Fond.	4, 12	0	6499.32	-54.93	-659.13	-584.57	-557.93	-1039.05
			38	6128.87	-54.94	-682.65	-319.11	-282.07	-401.20
			77	5794.71	-54.96	-626.63	-92.87	-249.40	229.25
24	Fond.	4, 12	0	7944.59	72.98	-625.90	-466.04	-251.87	-13.01
			38	7647.10	72.96	-647.60	-274.01	-366.18	607.51
			77	7386.70	72.95	-616.32	-111.36	-716.01	1215.14
25	Fond.	5, 6	0	-10831.09	-145.47	-1785.40	1192.06	2012.93	792.61
			188	-11960.56	-145.48	79.82	379.02	413.12	1046.53

RELAZIONE DI CALCOLO -

			376	-12444.53	-145.50	603.70	41.82	-2704.97	2466.88
26	Fond.	9, 5	0	-4635.58	115.22	-558.63	-624.67	-2389.53	-1642.24
			213	-7588.32	115.19	-360.48	-505.21	-20.37	-698.19
			425	-9646.06	115.19	-1380.01	-1337.62	1288.78	-669.96
27	Fond.	6, 7	0	-10919.90	-2.53	308.36	30.07	-874.07	-964.40
			90	-10995.38	-2.55	333.66	-38.21	-418.66	-42.73
			180	-10920.40	-2.57	239.69	-106.66	-796.88	878.20
28	Fond.	6, 10	0	3614.17	278.36	94.60	-1602.20	-1733.79	-1526.57
			36	3266.99	278.36	-354.30	-1644.75	-1169.89	-1583.69
			73	2950.92	278.36	-834.84	-1707.75	-585.60	-1640.78
29	Fond.	6, 10	0	5885.50	117.56	-834.47	0.06	-487.22	-1265.36
			36	5601.07	117.56	-734.65	-79.77	-17.18	-1329.50
			73	5348.84	117.56	-678.98	-171.58	477.79	-1402.92
30	Fond.	7, 8	0	-12464.48	157.39	525.02	24.03	-2615.75	-2394.25
			198	-11932.62	157.36	84.35	-327.32	447.75	-921.07
			395	-10688.15	157.36	-1830.71	-1177.54	1889.53	-676.83
31	Fond.	7, 11	0	3687.03	-267.43	119.89	-1654.20	1722.22	1530.14
			36	3340.14	-267.43	-347.97	-1696.78	1157.05	1587.25
			73	3024.39	-267.43	-847.56	-1760.09	571.42	1644.64
32	Fond.	7, 11	0	5927.86	-106.03	-847.17	5.73	473.74	1271.09
			36	5643.78	-106.04	-745.53	-74.68	1.53	1335.72
			73	5391.91	-106.04	-688.30	-167.28	-495.80	1409.73
33	Fond.	8, 12	0	-9508.41	-141.11	-1334.20	1282.29	1293.20	717.96
			203	-7487.67	-141.11	-430.97	512.32	-66.39	756.49
			405	-4652.58	-141.13	-578.59	660.55	-2398.74	1646.95
34	Fond.	15, 9	0	4408.81	-424.52	-585.52	-875.85	-3232.79	-2924.87
			50	3742.38	-424.54	-737.02	-805.25	-1969.17	-2137.15
			100	3135.54	-424.56	-888.39	-777.77	-1084.29	-1417.10
35	Fond.	15, 9	0	6831.20	-294.94	-887.92	-17.79	-811.82	-1920.57
			50	6285.07	-294.97	-677.92	-20.11	-11.27	-1299.72
			100	5800.81	-295.00	-498.57	-39.36	506.01	-787.65
36	Fond.	15, 9	0	8412.99	-230.18	-498.46	-40.72	633.63	-944.56
			50	7991.34	-230.22	-356.60	-67.05	999.58	-535.44
			100	7633.08	-230.25	-253.51	-93.29	1183.33	-212.15
37	Fond.	15, 9	0	9345.04	-107.32	-253.60	-115.15	1225.73	-420.48
			50	9050.62	-107.35	-198.99	-136.19	1368.62	-159.35
			100	8820.55	-107.39	-178.54	-148.23	1390.79	67.35
38	Fond.	15, 9	0	9720.86	31.44	-178.73	-88.42	1385.98	-96.18
			50	9555.32	31.41	-157.32	-88.32	1379.02	125.75
			100	9454.58	31.37	-158.15	-73.28	1256.09	372.64
39	Fond.	15, 9	0	9589.24	187.49	-158.42	-40.18	1209.88	179.89
			50	9553.25	187.45	-156.82	-7.58	1047.72	479.92
			100	9582.06	187.42	-159.89	45.23	717.07	857.55
40	Fond.	15, 9	0	8948.68	340.35	-160.25	-25.16	607.90	597.63
			50	9042.02	340.32	-192.34	50.51	194.94	1071.50
			100	9199.70	340.29	-206.00	152.04	-481.13	1650.73
41	Fond.	15, 9	0	7744.28	424.37	-206.46	-168.85	-717.98	1475.44
			50	7965.78	424.34	-348.19	-38.02	-1621.95	2156.19
			100	8250.65	424.32	-441.59	126.87	-2887.12	2914.30
42	Fond.	10, 11	0	4065.91	-54.34	-129.47	-650.02	263.48	-444.50
			45	3993.60	-54.34	-420.69	-774.56	398.34	-156.49
			90	3969.74	-54.35	-789.17	-906.37	405.30	125.00
43	Fond.	10, 11	0	3963.53	50.78	-789.17	895.67	406.18	-139.66
			45	3988.11	50.78	-425.83	763.58	405.85	141.69
			90	4061.15	50.78	-140.01	638.21	277.73	429.30
44	Fond.	10, 13	0	7317.71	-50.93	-809.60	340.11	244.66	228.06
			47	7038.76	-50.92	-568.07	210.52	162.01	121.15
			94	6815.26	-50.92	-410.85	77.67	132.07	4.65
45	Fond.	10, 13	0	8242.56	-163.31	-410.91	175.72	88.18	293.24
			47	8074.92	-163.31	-291.83	46.42	-21.03	169.55
			94	7963.55	-163.31	-254.32	-74.42	-70.46	39.28
46	Fond.	10, 13	0	8508.41	-162.74	-254.53	107.27	-88.33	37.69
			47	8453.45	-162.74	-208.20	-1.36	-73.98	-100.01
			94	8455.08	-162.74	-232.16	-94.58	7.23	-246.55
47	Fond.	10, 13	0	8069.39	-166.62	-232.47	54.93	17.80	-143.04
			47	8127.44	-166.63	-248.29	-19.86	121.50	-299.02
			94	8241.81	-166.63	-316.87	-72.87	300.68	-463.26
48	Fond.	10, 13	0	6970.97	-103.92	-317.30	-110.95	341.45	-468.69
			47	7141.26	-103.93	-445.27	-138.24	601.77	-637.29
			94	7367.08	-103.94	-601.26	-134.45	940.98	-801.93
49	Fond.	10, 13	0	5199.10	30.54	-601.90	-216.84	1013.74	-741.74
			47	5479.78	30.53	-808.16	-174.64	1398.59	-888.40

RELAZIONE DI CALCOLO -

			94	5814.69	30.52	-1005.36	-84.14	1844.22	-995.72
50	Fond.	11, 14	0	7342.46	51.87	-814.41	342.51	-246.93	-231.91
			47	7064.01	51.87	-572.23	211.69	-162.63	-124.29
			94	6841.03	51.87	-414.99	77.44	-131.36	-7.20
51	Fond.	11, 14	0	8238.26	163.30	-415.05	178.19	-86.96	-295.05
			47	8071.14	163.30	-295.37	47.39	22.98	-170.86
			94	7960.30	163.30	-257.98	-75.03	72.93	-40.19
52	Fond.	11, 14	0	8480.11	161.39	-258.19	108.05	90.97	-38.36
			47	8425.67	161.39	-212.08	-2.16	76.85	99.71
			94	8427.78	161.40	-236.97	-96.92	-4.31	246.61
53	Fond.	11, 14	0	8023.16	163.78	-237.28	54.71	-15.08	143.68
			47	8081.67	163.78	-253.72	-21.50	-119.18	300.08
			94	8196.47	163.79	-323.56	-75.77	-298.98	464.85
54	Fond.	11, 14	0	6917.20	99.84	-323.99	-110.26	-340.25	470.30
			47	7087.87	99.85	-452.04	-138.54	-601.48	639.56
			94	7314.04	99.86	-608.48	-135.40	-941.93	805.00
55	Fond.	11, 14	0	5151.73	-35.62	-609.13	-209.61	-1015.52	744.95
			47	5432.72	-35.62	-812.17	-167.61	-1402.10	892.56
			94	5767.90	-35.61	-1006.11	-76.78	-1849.94	1000.93
56	Fond.	12, 20	0	8203.64	-417.89	-432.14	-147.42	-2912.04	-2922.98
			50	7919.85	-417.91	-346.77	27.95	-1642.46	-2164.95
			100	7699.38	-417.94	-208.14	167.99	-734.30	-1483.31
57	Fond.	12, 20	0	9140.16	-334.14	-207.66	-160.92	-495.87	-1658.43
			50	8983.48	-334.17	-196.79	-51.47	183.70	-1077.73
			100	8891.07	-334.20	-163.82	30.92	599.33	-602.09
58	Fond.	12, 20	0	9526.39	-180.81	-163.44	-48.27	709.67	-863.58
			50	9498.47	-180.85	-160.80	10.09	1042.87	-484.10
			100	9535.29	-180.88	-160.32	47.17	1206.67	-182.26
59	Fond.	12, 20	0	9412.64	-23.93	-160.03	71.91	1253.81	-376.54
			50	9514.18	-23.97	-159.30	90.38	1378.26	-127.98
			100	9680.48	-24.01	-179.34	92.92	1385.96	95.46
60	Fond.	12, 20	0	8792.38	115.82	-179.13	147.00	1391.56	-69.77
			50	9023.19	115.78	-200.08	136.42	1370.26	158.27
			100	9318.31	115.75	-254.68	115.89	1227.60	420.58
61	Fond.	12, 20	0	7613.88	239.65	-254.58	95.66	1185.86	211.00
			50	7972.82	239.61	-356.82	68.98	1002.41	535.37
			100	8395.14	239.58	-498.28	41.29	636.24	945.52
62	Fond.	12, 20	0	5787.22	305.36	-498.37	54.37	509.29	787.06
			50	6272.13	305.33	-671.01	32.82	-7.96	1300.17
			100	6818.90	305.31	-875.69	27.21	-809.00	1922.14
63	Fond.	12, 20	0	3124.44	433.66	-876.14	773.58	-1081.05	1422.08
			50	3731.91	433.63	-728.17	796.60	-1968.72	2143.40
			100	4398.96	433.61	-582.63	861.43	-3235.82	2932.57
64	Fond.	13, 14	0	-10620.40	4.30	1173.39	-264.38	-1805.75	601.22
			90	-10695.04	4.33	1079.45	-1.50	-2063.54	-7.17
			180	-10618.35	4.36	1170.03	261.94	-1792.75	-615.86
65	Fond.	13, 21	0	3247.72	-622.83	-1002.05	864.30	3214.08	7286.70
			45	3617.80	-622.84	-731.47	1007.37	-53.37	7248.68
			90	4036.07	-622.86	-401.33	1216.28	-3322.24	7292.91
66	Fond.	14, 22	0	3232.53	613.80	-1011.48	878.85	-3208.22	-7279.62
			45	3602.85	613.81	-734.27	1022.77	55.81	-7240.55
			90	4021.34	613.82	-396.99	1233.11	3320.78	-7283.66
67	Fond.	15, 16	0	2781.34	351.93	-601.54	-1592.86	3256.83	2673.49
			48	2042.71	351.95	-1046.09	-1534.54	2144.01	2014.39
			95	1356.50	351.96	-1498.09	-1533.20	1337.62	1389.91
68	Fond.	15, 16	0	1970.58	174.50	-1497.42	46.97	1096.07	1913.05
			48	1336.48	174.52	-1229.19	9.17	323.11	1354.25
			95	754.23	174.54	-1005.18	-48.65	-203.01	874.75
69	Fond.	15, 16	0	-4597.57	116.21	-1005.15	620.70	-303.00	1197.29
			45	-5103.72	116.23	-536.68	561.89	-753.57	816.91
			90	-5567.99	116.25	-110.45	508.66	-1047.75	500.28
70	Fond.	15, 16	0	-5560.63	116.25	-110.45	508.66	-1047.75	500.28
			45	-5983.37	116.27	277.30	464.94	-1211.24	233.34
			90	-6364.87	116.30	630.94	429.73	-1262.53	-1.58
71	Fond.	15, 16	0	553.83	101.26	630.91	-1790.54	-1212.96	-19.60
			39	260.90	101.28	51.20	-1817.80	-1168.45	-210.30
			77	1.67	101.30	-552.48	-1844.90	-1050.19	-403.41
72	Fond.	15, 16	0	2415.70	10.89	-552.52	-369.64	-1020.28	-235.41
			39	2190.69	10.91	-610.29	-394.83	-890.08	-441.88
			77	2000.41	10.93	-690.66	-413.79	-676.00	-671.24
73	Fond.	15, 16	0	2702.06	-64.44	-690.90	-181.80	-639.33	-532.95
			39	2546.60	-64.42	-700.94	-189.54	-384.39	-792.89

RELAZIONE DI CALCOLO -

			77	2426.08	-64.39	-724.93	-180.72	-22.26	-1088.55
74	Fond.	15, 16	0	1931.62	-105.92	-725.40	-334.94	41.57	-971.56
			39	1845.83	-105.90	-815.38	-304.03	479.98	-1304.87
			77	1794.58	-105.88	-902.07	-245.06	1054.09	-1673.38
75	Fond.	16, 21	0	427.83	-118.57	-902.72	191.11	1124.74	-1698.59
			30	411.63	-118.55	-829.18	260.47	1679.83	-2004.41
			60	415.82	-118.54	-739.49	353.83	2328.41	-2320.51
76	Fond.	16, 21	0	-1578.11	-252.15	-740.23	1679.24	2400.09	-1863.09
			30	-1553.86	-252.14	-228.98	1799.40	3006.70	-2180.17
			60	-1509.86	-252.13	314.66	1948.03	3707.07	-2485.79
77	Fond.	17, 20	0	1930.57	102.97	-896.92	257.08	1045.45	1665.93
			40	1985.43	102.99	-801.89	321.69	456.49	1284.78
			80	2077.42	103.01	-701.96	357.10	12.60	941.42
78	Fond.	17, 20	0	2629.22	59.54	-701.51	189.36	-58.23	1068.09
			40	2758.56	59.56	-674.23	202.06	-423.49	764.94
			80	2925.48	59.58	-660.47	197.96	-675.18	499.47
79	Fond.	17, 20	0	2240.10	-17.64	-660.25	429.48	-714.85	640.54
			40	2444.50	-17.62	-572.94	414.29	-923.34	406.61
			80	2686.30	-17.59	-508.03	393.24	-1043.13	195.28
80	Fond.	17, 20	0	186.57	-112.11	-508.00	1877.64	-1073.59	372.54
			40	465.19	-112.09	127.11	1855.18	-1182.49	172.92
			80	780.08	-112.07	738.76	1832.71	-1211.85	-27.34
81	Fond.	17, 20	0	-6262.64	-126.48	738.80	-570.86	-1261.34	-53.10
			45	-5867.36	-126.46	317.48	-600.41	-1183.91	-295.67
			90	-5430.76	-126.44	-135.81	-640.15	-989.79	-574.78
82	Fond.	17, 20	0	-5439.53	-126.44	-135.81	-640.15	-989.79	-574.78
			45	-4961.30	-126.42	-626.24	-691.20	-658.61	-907.44
			90	-4441.10	-126.40	-1158.24	-748.90	-163.16	-1306.53
83	Fond.	17, 20	0	718.65	-185.50	-1158.27	132.41	-79.85	-989.27
			45	1276.55	-185.48	-1334.77	79.28	461.41	-1455.45
			89	1879.90	-185.46	-1549.62	44.63	1225.64	-1990.17
84	Fond.	17, 20	0	1277.92	-360.02	-1550.27	1654.56	1429.90	-1487.33
			45	1926.95	-360.00	-1075.26	1655.06	2221.40	-2077.48
			89	2621.91	-359.99	-607.72	1705.88	3283.12	-2696.10
85	Fond.	22, 17	0	-1485.27	248.37	304.86	-1935.64	3704.86	2487.27
			30	-1528.49	248.39	-235.19	-1785.66	3004.06	2181.53
			60	-1551.95	248.40	-742.38	-1663.76	2397.06	1864.35
86	Fond.	22, 17	0	475.88	115.28	-741.65	-342.80	2325.21	2321.64
			30	472.50	115.29	-828.04	-247.26	1676.30	2005.46
			60	489.52	115.31	-897.57	-175.31	1120.91	1699.56
87	Piano 1	2, 18	0	-11118.15	48.09	-153.75	37.63	452.69	279.40
			188	-11118.15	48.09	-83.20	37.63	-71.19	279.40
			375	-11118.15	48.09	-12.64	37.63	-595.07	279.40
88	Piano 1	19, 3	0	-11114.39	-48.97	-7.09	-47.21	-594.08	-278.92
			187	-11114.39	-48.97	-95.37	-47.21	-72.50	-278.92
			374	-11114.39	-48.97	-183.64	-47.21	449.08	-278.92
89	Piano 1	5, 6	0	-879.32	32.11	-280.19	125.41	750.14	394.46
			188	-879.32	32.11	-44.30	125.41	8.16	394.46
			376	-879.32	32.11	191.58	125.41	-733.82	394.46
90	Piano 1	9, 5	0	-643.69	-3.82	-49.25	-33.82	-419.82	-235.89
			213	-643.69	-3.82	-121.12	-33.82	81.51	-235.89
			425	-643.69	-3.82	-192.99	-33.82	582.85	-235.89
91	Piano 1	6, 7	0	-1157.17	2.57	121.48	-7.05	-169.61	-5.75
			90	-1157.17	2.57	115.14	-7.05	-164.44	-5.75
			180	-1157.17	2.57	108.79	-7.05	-159.27	-5.75
92	Piano 1	6, 18	0	-278.43	-27.61	44.95	-39.14	-453.40	-389.69
			115	-278.43	-27.61	-0.05	-39.14	-5.25	-389.69
			230	-278.43	-27.61	-45.06	-39.14	442.89	-389.69
93	Piano 1	7, 8	0	-821.55	-37.25	173.15	-113.63	-682.11	-356.83
			198	-821.55	-37.25	-51.36	-113.63	22.88	-356.83
			395	-821.55	-37.25	-275.87	-113.63	727.87	-356.83
94	Piano 1	7, 19	0	-279.89	19.35	53.11	-45.70	447.48	385.93
			115	-279.89	19.35	0.55	-45.70	3.66	385.93
			230	-279.89	19.35	-52.00	-45.70	-440.16	385.93
95	Piano 1	8, 12	0	-628.35	4.47	-187.75	33.08	586.42	252.32
			203	-628.35	4.47	-120.74	33.08	75.33	252.32
			405	-628.35	4.47	-53.73	33.08	-435.75	252.32
96	Piano 1	18, 19	0	-10728.46	3.03	14.97	-1.51	-152.18	0.97
			90	-10728.46	3.03	13.61	-1.51	-153.05	0.97
			180	-10728.46	3.03	12.26	-1.51	-153.92	0.97
97	Piano 2	2, 18	0	2693.41	31.06	-121.03	39.31	285.83	165.50
			188	2693.41	31.06	-47.33	39.31	-24.47	165.50

			375	2693.41	31.06	26.37	39.31	-334.77	165.50
98	Piano 2	19, 3	0	2744.57	-27.57	37.31	-42.36	-306.57	-139.03
			187	2744.57	-27.57	-41.89	-42.36	-46.57	-139.03
			374	2744.57	-27.57	-121.10	-42.36	213.42	-139.03
99	Piano 2	5, 6	0	530.68	47.29	-284.41	127.32	397.79	210.96
			188	530.68	47.29	-44.93	127.32	0.96	210.96
			376	530.68	47.29	194.56	127.32	-395.86	210.96
100	Piano 2	9, 5	0	440.84	7.25	143.35	-95.62	-285.84	-163.08
			213	440.84	7.25	-59.88	-95.62	60.75	-163.08
			425	440.84	7.25	-263.11	-95.62	407.35	-163.08
101	Piano 2	6, 7	0	489.06	0.44	117.88	-56.60	-67.91	34.40
			90	489.06	0.44	66.94	-56.60	-98.88	34.40
			180	489.06	0.44	16.00	-56.60	-129.84	34.40
102	Piano 2	6, 18	0	-146.52	-12.21	61.88	-39.46	-243.77	-214.59
			115	-146.52	-12.21	16.50	-39.46	3.01	-214.59
			230	-146.52	-12.21	-28.89	-39.46	249.79	-214.59
103	Piano 2	7, 8	0	226.30	-53.19	189.08	-113.32	-391.09	-206.55
			198	226.30	-53.19	-34.81	-113.32	16.99	-206.55
			395	226.30	-53.19	-258.71	-113.32	425.07	-206.55
104	Piano 2	7, 19	0	-158.01	0.98	67.31	-42.20	188.47	163.44
			115	-158.01	0.98	18.79	-42.20	0.52	163.44
			230	-158.01	0.98	-29.74	-42.20	-187.43	163.44
105	Piano 2	8, 12	0	240.61	-15.22	-329.03	141.53	435.24	176.86
			203	240.61	-15.22	-42.36	141.53	77.00	176.86
			405	240.61	-15.22	244.30	141.53	-281.25	176.86
106	Piano 2	13, 16	0	-8.15	-3.62	4.51	-4.91	-33.87	12.19
			75	-8.15	-3.62	0.83	-4.91	-43.01	12.19
			150	-8.15	-3.62	-2.86	-4.91	-52.16	12.19
107	Piano 2	17, 14	0	-119.72	-4.14	3.12	-5.81	-57.22	-9.76
			75	-119.72	-4.14	-1.24	-5.81	-49.90	-9.76
			150	-119.72	-4.14	-5.60	-5.81	-42.57	-9.76
108	Piano 2	18, 19	0	2908.00	2.17	38.57	-0.16	-84.99	18.97
			90	2908.00	2.17	38.43	-0.16	-102.06	18.97
			180	2908.00	2.17	38.29	-0.16	-119.14	18.97
109	Piano 3	5, 6	0	64.35	-0.67	-94.96	37.21	100.56	24.20
			188	64.35	-0.67	-24.96	37.21	55.05	24.20
			376	64.35	-0.67	45.04	37.21	9.53	24.20
110	Piano 3	9, 5	0	59.21	-8.18	-3.18	-11.92	-105.14	-57.53
			213	59.21	-8.18	-28.53	-11.92	17.13	-57.53
			425	59.21	-8.18	-53.87	-11.92	139.41	-57.53
111	Piano 3	8, 7	0	286.73	4.27	-46.80	37.82	-270.28	-84.81
			198	286.73	4.27	27.92	37.82	-102.71	-84.81
			395	286.73	4.27	102.65	37.82	64.85	-84.81
112	Piano 3	8, 12	0	165.44	7.26	-109.81	44.08	288.15	108.91
			203	165.44	7.26	-20.52	44.08	67.54	108.91
			405	165.44	7.26	68.77	44.08	-153.07	108.91
113	Piano 3	13, 16	0	-17.68	3.28	3.06	-3.21	-22.06	-0.13
			78	-17.68	3.28	0.57	-3.21	-21.96	-0.13
			155	-17.68	3.28	-1.92	-3.21	-21.86	-0.13
114	Piano 3	14, 17	0	-62.02	-2.81	-6.71	6.86	13.29	-3.60
			76	-62.02	-2.81	-1.52	6.86	16.02	-3.60
			151	-62.02	-2.81	3.67	6.86	18.74	-3.60

4.1.5 Risultati Condizioni (Torsione Accidentale X).

4.1.5.1 Cinematismi nodali

Tabella 9.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0245	-0.0325	-0.0054	-0.000015	0.000001	-0.000078
2	0.0244	-0.0086	-0.0119	-0.000034	-0.000029	-0.000060
3	0.0223	0.0082	0.0151	0.000033	-0.000035	-0.000054
4	0.0224	0.0319	0.0041	0.000015	-0.000015	-0.000072
5	0.0071	-0.0086	-0.0028	-0.000034	0.000003	-0.000046
6	0.0078	-0.0019	-0.0002	-0.000011	-0.000007	-0.000008
7	0.0078	0.0016	-0.0017	0.000011	-0.000001	-0.000009
8	0.0069	0.0093	0.0054	0.000037	0.000005	-0.000045
9	0.0086	-0.0325	-0.0023	-0.000013	-0.000008	-0.000061
10	0.0073	-0.0021	0.0013	-0.000006	-0.000024	-0.000015

11	0.0073	0.0017	-0.0031	0.000005	-0.000023	-0.000015
12	0.0084	0.0320	0.0011	0.000013	-0.000020	-0.000055
13	-0.0086	-0.0024	0.0032	-0.000004	-0.000035	-0.000028
14	-0.0086	0.0022	-0.0039	0.000001	-0.000035	-0.000025
15	-0.0110	-0.0322	0.0093	-0.000018	-0.000006	-0.000072
16	-0.0108	-0.0036	0.0045	-0.000015	-0.000005	-0.000004
17	-0.0104	0.0031	-0.0048	0.000012	-0.000003	-0.000003
18	-0.0106	0.0321	-0.0084	0.000014	-0.000006	-0.000072
19	-0.0108	-0.0024	0.0037	-0.000007	-0.000011	-0.000019
20	-0.0104	0.0021	-0.0042	0.000004	-0.000009	-0.000015
21	0.0349	-0.0388	-0.0056	-0.000020	-0.000006	-0.000043
22	0.0349	-0.0205	-0.0110	-0.000020	0.000000	-0.000043
23	0.0349	0.0195	0.0142	0.000018	0.000004	-0.000043
24	0.0349	0.0377	0.0042	0.000017	-0.000020	-0.000043
25	0.0237	-0.0205	-0.0049	0.000001	0.000008	-0.000043
26	0.0250	-0.0044	0.0003	-0.000007	-0.000009	-0.000043
27	0.0250	0.0034	-0.0025	0.000016	-0.000002	-0.000043
28	0.0237	0.0203	0.0080	-0.000014	0.000010	-0.000043
29	0.0250	-0.0388	-0.0024	-0.000003	-0.000024	-0.000043
30	0.0187	-0.0044	0.0012	-0.000004	-0.000025	-0.000043
31	0.0187	0.0034	-0.0031	0.000002	-0.000025	-0.000043
32	0.0250	0.0377	0.0010	-0.000015	-0.000033	-0.000043
33	-0.0056	-0.0044	0.0033	0.000000	-0.000008	-0.000043
34	-0.0056	0.0034	-0.0042	0.000000	-0.000007	-0.000043
35	-0.0095	-0.0388	0.0094	-0.000019	-0.000005	-0.000043
36	-0.0095	-0.0096	0.0045	-0.000012	0.000000	-0.000043
37	-0.0095	0.0085	-0.0047	0.000013	0.000000	-0.000043
38	0.0349	-0.0044	-0.0025	-0.000010	0.000027	-0.000043
39	0.0349	0.0034	0.0028	0.000021	0.000032	-0.000043
40	-0.0095	0.0377	-0.0085	0.000016	-0.000005	-0.000043
41	-0.0095	-0.0044	0.0039	-0.000007	-0.000005	-0.000043
42	-0.0095	0.0034	-0.0045	0.000004	-0.000003	-0.000043
43	0.0431	-0.0446	-0.0052	-0.000011	-0.000003	-0.000049
44	0.0431	-0.0237	-0.0090	-0.000004	0.000007	-0.000049
45	0.0431	0.0220	0.0134	0.000012	0.000000	-0.000049
46	0.0431	0.0429	0.0040	0.000026	-0.000033	-0.000049
47	0.0302	-0.0237	-0.0071	0.000023	0.000010	-0.000049
48	0.0317	-0.0053	0.0005	0.000002	-0.000007	-0.000049
49	0.0317	0.0036	-0.0026	0.000021	-0.000004	-0.000049
50	0.0302	0.0230	0.0100	-0.000025	0.000009	-0.000049
51	0.0317	-0.0446	-0.0025	0.000025	-0.000015	-0.000049
52	0.0246	-0.0053	0.0010	-0.000002	-0.000015	-0.000049
53	0.0246	0.0036	-0.0029	0.000001	-0.000015	-0.000049
54	0.0317	0.0429	0.0008	-0.000032	-0.000025	-0.000049
55	-0.0033	-0.0053	0.0031	-0.000012	-0.000001	-0.000049
56	-0.0033	0.0036	-0.0043	0.000001	-0.000003	-0.000049
57	-0.0077	-0.0446	0.0095	-0.000032	-0.000003	-0.000049
58	-0.0077	-0.0112	0.0044	-0.000013	0.000000	-0.000049
59	-0.0077	0.0095	-0.0048	0.000000	-0.000004	-0.000049
60	0.0431	-0.0053	-0.0003	-0.000001	0.000024	-0.000049
61	0.0431	0.0036	0.0041	0.000027	0.000027	-0.000049
62	-0.0077	0.0429	-0.0076	0.000010	-0.000003	-0.000049
63	-0.0077	0.0036	-0.0046	0.000000	0.000001	-0.000049
64	0.0444	-0.0459	-0.0048	-0.000001	-0.000003	-0.000051
65	0.0444	-0.0245	-0.0078	0.000000	0.000000	-0.000051
66	0.0444	0.0225	0.0135	0.000017	-0.000064	-0.000051
67	0.0444	0.0439	0.0040	0.000034	-0.000046	-0.000051
68	0.0312	-0.0245	-0.0076	0.000163	0.000004	-0.000051
69	0.0327	-0.0055	0.0008	0.000164	0.000010	-0.000051
70	0.0327	0.0036	-0.0027	-0.000341	-0.000004	-0.000051
71	0.0312	0.0235	0.0101	-0.000338	0.000005	-0.000051
72	0.0327	-0.0459	-0.0027	0.000161	-0.000001	-0.000051
73	0.0254	-0.0055	0.0010	0.000000	0.000001	-0.000051
74	0.0254	0.0036	-0.0030	0.000000	0.000000	-0.000051
75	0.0327	0.0439	0.0007	-0.000330	0.000000	-0.000051
76	-0.0031	-0.0055	0.0033	-0.000007	-0.000002	-0.000051
77	-0.0031	0.0036	-0.0045	0.000003	-0.000002	-0.000051
78	-0.0077	-0.0459	0.0096	-0.000046	0.000001	-0.000051
79	-0.0077	-0.0116	0.0043	-0.000009	-0.000002	-0.000051
80	-0.0077	0.0097	-0.0050	0.000002	-0.000003	-0.000051
81	-0.0077	0.0439	-0.0067	0.000001	0.000000	-0.000051
82	-0.0077	0.0036	-0.0047	0.000000	0.000001	-0.000051

83	0.0345	-0.0375	-0.0055	-0.000021	-0.000013	-0.000062
84	0.0245	-0.0294	-0.0053	-0.000018	0.000003	-0.000077
85	0.0245	-0.0217	-0.0051	-0.000024	-0.000006	-0.000059
86	0.0349	-0.0371	-0.0059	-0.000025	0.000000	-0.000043
87	0.0349	-0.0323	-0.0046	-0.000026	0.000000	-0.000043
88	0.0333	0.0366	0.0041	0.000018	-0.000028	-0.000054
89	0.0224	0.0212	0.0064	0.000024	-0.000020	-0.000060
90	0.0224	0.0287	0.0047	0.000018	-0.000014	-0.000074
91	0.0349	0.0311	0.0065	0.000020	0.000000	-0.000043
92	0.0349	0.0358	0.0051	0.000020	0.000000	-0.000043
93	-0.0109	-0.0169	0.0079	-0.000024	-0.000010	-0.000074
94	-0.0109	-0.0072	0.0060	-0.000025	-0.000008	-0.000033
95	-0.0095	-0.0306	0.0081	-0.000022	0.000000	-0.000043
96	-0.0095	-0.0229	0.0062	-0.000028	0.000000	-0.000043
97	-0.0105	0.0073	-0.0058	0.000022	-0.000006	-0.000036
98	-0.0106	0.0176	-0.0073	0.000020	-0.000008	-0.000077
99	-0.0095	0.0223	-0.0061	0.000029	0.000000	-0.000043
100	-0.0095	0.0301	-0.0073	0.000026	0.000000	-0.000043
101	0.0427	-0.0439	-0.0053	-0.000020	-0.000016	-0.000050
102	0.0431	-0.0426	-0.0055	-0.000012	0.000000	-0.000049
103	0.0431	-0.0372	-0.0055	-0.000008	0.000000	-0.000049
104	0.0431	0.0353	0.0070	0.000025	0.000000	-0.000049
105	0.0431	0.0408	0.0050	0.000027	0.000000	-0.000049
106	0.0421	0.0422	0.0040	0.000015	-0.000020	-0.000054
107	-0.0077	-0.0264	0.0065	-0.000025	0.000000	-0.000049
108	-0.0077	-0.0318	0.0075	-0.000028	0.000000	-0.000049
109	-0.0095	-0.0276	0.0076	-0.000026	0.000000	-0.000043
110	-0.0077	0.0282	-0.0064	0.000002	0.000000	-0.000049
111	-0.0077	0.0337	-0.0068	0.000005	0.000000	-0.000049
112	-0.0095	0.0249	-0.0065	0.000033	0.000000	-0.000043
113	-0.0095	0.0296	-0.0072	0.000027	0.000000	-0.000043
114	0.0349	-0.0347	-0.0051	-0.000029	0.000000	-0.000043
115	0.0349	-0.0284	-0.0065	-0.000023	0.000000	-0.000043
116	0.0349	-0.0245	-0.0088	-0.000022	0.000000	-0.000043
117	0.0245	-0.0253	-0.0051	-0.000021	0.000003	-0.000070
118	0.0245	-0.0170	-0.0066	-0.000029	-0.000024	-0.000045
119	0.0245	-0.0132	-0.0091	-0.000032	-0.000030	-0.000043
120	0.0313	-0.0358	-0.0053	-0.000017	-0.000052	-0.000071
121	0.0268	-0.0342	-0.0053	-0.000020	-0.000047	-0.000075
122	0.0326	-0.0180	-0.0115	-0.000036	-0.000044	-0.000049
123	0.0299	-0.0151	-0.0118	-0.000032	-0.000023	-0.000053
124	0.0272	-0.0119	-0.0120	-0.000040	-0.000037	-0.000059
125	0.0283	-0.0388	-0.0034	0.000000	-0.000032	-0.000043
126	0.0316	-0.0388	-0.0045	0.000000	-0.000022	-0.000043
127	0.0134	-0.0325	-0.0033	-0.000013	-0.000008	-0.000065
128	0.0187	-0.0325	-0.0043	-0.000014	-0.000005	-0.000073
129	0.0212	-0.0372	-0.0024	0.000000	-0.000060	-0.000047
130	0.0160	-0.0356	-0.0024	0.000000	-0.000060	-0.000050
131	0.0112	-0.0341	-0.0023	0.000000	-0.000049	-0.000054
132	0.0311	-0.0205	-0.0089	0.000000	-0.000034	-0.000043
133	0.0274	-0.0205	-0.0069	0.000000	-0.000030	-0.000043
134	0.0184	-0.0086	-0.0089	-0.000034	-0.000022	-0.000074
135	0.0121	-0.0086	-0.0059	-0.000036	-0.000011	-0.000068
136	0.0209	-0.0179	-0.0040	0.000000	-0.000068	-0.000035
137	0.0148	-0.0150	-0.0034	0.000000	-0.000070	-0.000057
138	0.0093	-0.0119	-0.0030	0.000000	-0.000053	-0.000064
139	0.0349	0.0234	0.0116	0.000019	0.000000	-0.000043
140	0.0349	0.0272	0.0090	0.000018	0.000000	-0.000043
141	0.0349	0.0335	0.0057	0.000024	0.000000	-0.000043
142	0.0224	0.0124	0.0119	0.000031	-0.000036	-0.000043
143	0.0224	0.0164	0.0088	0.000028	-0.000032	-0.000047
144	0.0224	0.0247	0.0055	0.000021	-0.000014	-0.000069
145	0.0321	0.0171	0.0147	0.000033	-0.000055	-0.000047
146	0.0289	0.0144	0.0150	0.000031	-0.000026	-0.000051
147	0.0257	0.0113	0.0152	0.000039	-0.000044	-0.000055
148	0.0297	0.0350	0.0040	0.000015	-0.000049	-0.000061
149	0.0253	0.0335	0.0040	0.000019	-0.000046	-0.000067
150	0.0274	0.0201	0.0101	-0.000002	-0.000028	-0.000043
151	0.0311	0.0198	0.0121	-0.000003	-0.000034	-0.000043
152	0.0115	0.0090	0.0087	0.000038	-0.000012	-0.000060
153	0.0170	0.0086	0.0120	0.000035	-0.000025	-0.000065
154	0.0208	0.0179	0.0071	-0.000005	-0.000065	-0.000033

155	0.0147	0.0154	0.0063	-0.000005	-0.000068	-0.000054
156	0.0092	0.0126	0.0058	-0.000004	-0.000052	-0.000060
157	0.0316	0.0377	0.0031	0.000000	-0.000028	-0.000043
158	0.0283	0.0377	0.0020	0.000000	-0.000034	-0.000043
159	0.0172	0.0320	0.0030	0.000013	-0.000019	-0.000063
160	0.0126	0.0320	0.0020	0.000013	-0.000021	-0.000056
161	0.0211	0.0363	0.0011	0.000000	-0.000055	-0.000045
162	0.0161	0.0349	0.0011	0.000000	-0.000058	-0.000047
163	0.0115	0.0335	0.0011	0.000000	-0.000049	-0.000049
164	0.0218	-0.0044	0.0008	0.000000	-0.000028	-0.000043
165	0.0077	-0.0020	0.0006	-0.000011	-0.000017	0.000000
166	0.0220	-0.0039	0.0003	0.000000	-0.000057	-0.000043
167	0.0166	-0.0034	0.0002	0.000000	-0.000065	-0.000020
168	0.0109	-0.0028	0.0001	0.000000	-0.000062	-0.000002
169	0.0159	-0.0039	0.0013	-0.000007	-0.000037	-0.000038
170	0.0130	-0.0034	0.0014	-0.000005	-0.000031	-0.000031
171	0.0100	-0.0028	0.0014	-0.000008	-0.000038	-0.000019
172	0.0218	0.0034	-0.0028	0.000000	-0.000027	-0.000043
173	0.0077	0.0016	-0.0025	0.000011	-0.000014	0.000000
174	0.0159	0.0030	-0.0032	0.000004	-0.000037	-0.000039
175	0.0130	0.0027	-0.0033	0.000003	-0.000031	-0.000031
176	0.0100	0.0023	-0.0032	0.000006	-0.000038	-0.000019
177	0.0221	0.0030	-0.0025	0.000000	-0.000060	-0.000045
178	0.0165	0.0027	-0.0024	0.000000	-0.000067	-0.000019
179	0.0107	0.0023	-0.0021	0.000000	-0.000063	-0.000001
180	-0.0052	-0.0388	0.0077	0.000000	-0.000005	-0.000043
181	-0.0009	-0.0388	0.0061	0.000000	-0.000008	-0.000043
182	0.0034	-0.0388	0.0045	0.000000	-0.000014	-0.000043
183	0.0077	-0.0388	0.0030	0.000000	-0.000022	-0.000043
184	0.0120	-0.0388	0.0016	0.000000	-0.000030	-0.000043
185	0.0164	-0.0388	0.0002	0.000000	-0.000036	-0.000043
186	0.0207	-0.0388	-0.0011	0.000000	-0.000038	-0.000043
187	-0.0052	-0.0322	0.0076	-0.000016	-0.000006	-0.000044
188	-0.0019	-0.0323	0.0060	-0.000015	-0.000008	-0.000023
189	-0.0003	-0.0324	0.0045	-0.000015	-0.000010	-0.000009
190	0.0003	-0.0325	0.0031	-0.000014	-0.000014	-0.000004
191	0.0006	-0.0325	0.0017	-0.000014	-0.000016	-0.000005
192	0.0016	-0.0325	0.0003	-0.000013	-0.000017	-0.000015
193	0.0040	-0.0325	-0.0010	-0.000013	-0.000014	-0.000034
194	-0.0099	-0.0372	0.0093	-0.000019	-0.000004	-0.000047
195	-0.0102	-0.0355	0.0093	-0.000018	-0.000004	-0.000056
196	-0.0106	-0.0339	0.0093	-0.000021	-0.000003	-0.000067
197	0.0187	-0.0005	-0.0010	-0.000001	0.000000	-0.000043
198	0.0073	-0.0002	-0.0009	-0.000001	-0.000025	-0.000025
199	0.0147	-0.0044	0.0015	0.000000	-0.000023	-0.000043
200	0.0106	-0.0044	0.0019	0.000000	-0.000019	-0.000043
201	0.0066	-0.0044	0.0022	0.000000	-0.000015	-0.000043
202	0.0025	-0.0044	0.0025	0.000000	-0.000012	-0.000043
203	-0.0016	-0.0044	0.0029	0.000000	-0.000010	-0.000043
204	0.0054	-0.0022	0.0017	-0.000003	-0.000025	-0.000024
205	0.0030	-0.0023	0.0020	-0.000003	-0.000026	-0.000028
206	0.0002	-0.0024	0.0022	-0.000003	-0.000027	-0.000030
207	-0.0027	-0.0024	0.0026	-0.000003	-0.000028	-0.000032
208	-0.0057	-0.0024	0.0029	-0.000003	-0.000031	-0.000032
209	-0.0062	-0.0039	0.0034	0.000000	-0.000006	-0.000041
210	-0.0068	-0.0034	0.0034	0.000000	-0.000006	-0.000041
211	-0.0071	-0.0029	0.0033	0.000000	-0.000001	-0.000040
212	-0.0016	0.0034	-0.0040	0.000000	-0.000010	-0.000043
213	0.0025	0.0034	-0.0038	0.000000	-0.000012	-0.000043
214	0.0066	0.0034	-0.0037	0.000000	-0.000015	-0.000043
215	0.0106	0.0034	-0.0035	0.000000	-0.000019	-0.000043
216	0.0147	0.0034	-0.0033	0.000000	-0.000023	-0.000043
217	-0.0059	0.0022	-0.0039	0.000001	-0.000031	-0.000031
218	-0.0029	0.0021	-0.0038	0.000001	-0.000028	-0.000032
219	0.0001	0.0021	-0.0036	0.000001	-0.000027	-0.000031
220	0.0029	0.0020	-0.0035	0.000001	-0.000026	-0.000029
221	0.0054	0.0019	-0.0034	0.000002	-0.000025	-0.000024
222	-0.0062	0.0030	-0.0042	0.000000	-0.000006	-0.000040
223	-0.0067	0.0027	-0.0041	0.000000	-0.000006	-0.000040
224	-0.0071	0.0024	-0.0041	0.000000	-0.000002	-0.000037
225	0.0207	0.0377	-0.0002	0.000000	-0.000037	-0.000043
226	0.0164	0.0377	-0.0014	0.000000	-0.000034	-0.000043

227	0.0120	0.0377	-0.0026	0.000000	-0.000028	-0.000043
228	0.0077	0.0377	-0.0037	0.000000	-0.000020	-0.000043
229	0.0034	0.0377	-0.0048	0.000000	-0.000012	-0.000043
230	-0.0009	0.0377	-0.0059	0.000000	-0.000007	-0.000043
231	-0.0052	0.0377	-0.0071	0.000000	-0.000004	-0.000043
232	0.0041	0.0321	-0.0002	0.000012	-0.000024	-0.000031
233	0.0018	0.0322	-0.0013	0.000012	-0.000023	-0.000015
234	0.0009	0.0322	-0.0025	0.000011	-0.000021	-0.000006
235	0.0005	0.0322	-0.0036	0.000011	-0.000017	-0.000004
236	-0.0001	0.0322	-0.0047	0.000011	-0.000013	-0.000009
237	-0.0016	0.0322	-0.0059	0.000012	-0.000009	-0.000022
238	-0.0049	0.0321	-0.0071	0.000012	-0.000006	-0.000044
239	-0.0099	0.0363	-0.0084	0.000016	-0.000003	-0.000048
240	-0.0101	0.0350	-0.0084	0.000015	-0.000003	-0.000057
241	-0.0103	0.0335	-0.0084	0.000019	-0.000002	-0.000068
242	-0.0098	-0.0039	0.0039	-0.000006	-0.000003	-0.000039
243	-0.0102	-0.0034	0.0039	-0.000006	-0.000005	-0.000034
244	-0.0104	-0.0029	0.0038	-0.000006	0.000000	-0.000031
245	-0.0097	0.0030	-0.0044	0.000004	-0.000002	-0.000038
246	-0.0099	0.0027	-0.0044	0.000004	-0.000003	-0.000032
247	-0.0101	0.0024	-0.0043	0.000004	0.000000	-0.000028
248	-0.0095	-0.0347	0.0088	-0.000020	0.000000	-0.000043
249	-0.0095	-0.0252	0.0068	-0.000029	0.000000	-0.000043
250	-0.0095	-0.0195	0.0057	-0.000023	0.000000	-0.000043
251	-0.0095	-0.0162	0.0053	-0.000020	0.000000	-0.000043
252	-0.0095	-0.0129	0.0049	-0.000015	0.000000	-0.000043
253	-0.0110	-0.0245	0.0087	-0.000022	-0.000007	-0.000084
254	-0.0109	-0.0111	0.0069	-0.000025	-0.000011	-0.000054
255	-0.0109	-0.0053	0.0055	-0.000025	-0.000005	-0.000018
256	-0.0108	-0.0042	0.0051	-0.000023	-0.000004	-0.000009
257	-0.0108	-0.0038	0.0048	-0.000019	-0.000004	-0.000003
258	-0.0098	-0.0083	0.0045	-0.000016	0.000000	-0.000036
259	-0.0102	-0.0068	0.0045	-0.000019	0.000000	-0.000023
260	-0.0105	-0.0051	0.0045	-0.000020	0.000000	-0.000012
261	-0.0095	-0.0070	0.0042	-0.000009	0.000000	-0.000043
262	-0.0108	-0.0032	0.0042	-0.000011	-0.000006	-0.000009
263	-0.0095	0.0120	-0.0050	0.000017	0.000000	-0.000043
264	-0.0095	0.0154	-0.0053	0.000023	0.000000	-0.000043
265	-0.0095	0.0189	-0.0057	0.000026	0.000000	-0.000043
266	-0.0095	0.0273	-0.0069	0.000032	0.000000	-0.000043
267	-0.0095	0.0339	-0.0078	0.000021	0.000000	-0.000043
268	-0.0104	0.0033	-0.0050	0.000016	-0.000003	-0.000004
269	-0.0104	0.0038	-0.0052	0.000020	-0.000003	-0.000010
270	-0.0105	0.0051	-0.0055	0.000022	-0.000004	-0.000021
271	-0.0105	0.0116	-0.0065	0.000021	-0.000009	-0.000058
272	-0.0106	0.0249	-0.0079	0.000018	-0.000006	-0.000085
273	-0.0097	0.0073	-0.0048	0.000015	0.000000	-0.000034
274	-0.0099	0.0059	-0.0048	0.000018	0.000000	-0.000022
275	-0.0102	0.0043	-0.0048	0.000018	0.000000	-0.000010
276	-0.0095	0.0059	-0.0046	0.000008	0.000000	-0.000043
277	-0.0104	0.0028	-0.0046	0.000008	-0.000005	-0.000007
278	0.0431	-0.0399	-0.0055	-0.000010	0.000000	-0.000049
279	0.0431	-0.0327	-0.0065	-0.000007	0.000000	-0.000049
280	0.0431	-0.0282	-0.0078	-0.000006	0.000000	-0.000049
281	0.0404	-0.0423	-0.0054	-0.000017	-0.000035	-0.000047
282	0.0371	-0.0406	-0.0055	-0.000019	-0.000040	-0.000041
283	0.0414	-0.0234	-0.0096	-0.000005	-0.000042	-0.000045
284	0.0394	-0.0227	-0.0101	-0.000011	-0.000012	-0.000045
285	0.0371	-0.0218	-0.0106	-0.000013	-0.000049	-0.000045
286	0.0355	-0.0446	-0.0034	0.000000	-0.000013	-0.000049
287	0.0393	-0.0446	-0.0043	0.000000	-0.000009	-0.000049
288	0.0305	-0.0432	-0.0025	0.000000	-0.000016	-0.000047
289	0.0291	-0.0418	-0.0025	0.000000	-0.000021	-0.000044
290	0.0271	-0.0403	-0.0024	0.000000	-0.000030	-0.000043
291	0.0388	-0.0237	-0.0083	0.000000	-0.000013	-0.000049
292	0.0345	-0.0237	-0.0077	0.000000	-0.000009	-0.000049
293	0.0296	-0.0233	-0.0068	0.000000	-0.000025	-0.000041
294	0.0275	-0.0227	-0.0064	0.000000	-0.000031	-0.000047
295	0.0249	-0.0218	-0.0057	0.000000	-0.000036	-0.000056
296	0.0431	0.0265	0.0112	0.000016	0.000000	-0.000049
297	0.0431	0.0309	0.0091	0.000021	0.000000	-0.000049
298	0.0431	0.0380	0.0060	0.000027	0.000000	-0.000049

299	0.0411	0.0216	0.0133	0.000002	-0.000042	-0.000047
300	0.0391	0.0211	0.0134	0.000009	-0.000010	-0.000045
301	0.0370	0.0205	0.0137	0.000008	-0.000049	-0.000044
302	0.0398	0.0407	0.0041	0.000016	-0.000030	-0.000048
303	0.0372	0.0392	0.0042	0.000016	-0.000029	-0.000042
304	0.0345	0.0227	0.0109	-0.000002	-0.000020	-0.000049
305	0.0388	0.0224	0.0120	-0.000003	-0.000033	-0.000049
306	0.0293	0.0225	0.0099	-0.000002	-0.000028	-0.000040
307	0.0271	0.0220	0.0096	-0.000002	-0.000028	-0.000046
308	0.0247	0.0214	0.0090	-0.000002	-0.000031	-0.000056
309	0.0393	0.0429	0.0029	0.000000	-0.000027	-0.000049
310	0.0355	0.0429	0.0018	0.000000	-0.000020	-0.000049
311	0.0302	0.0416	0.0009	0.000000	-0.000015	-0.000046
312	0.0289	0.0403	0.0009	0.000000	-0.000019	-0.000043
313	0.0272	0.0390	0.0010	0.000000	-0.000025	-0.000042
314	0.0282	-0.0053	0.0008	0.000000	-0.000014	-0.000049
315	0.0305	-0.0050	0.0006	0.000000	-0.000024	-0.000051
316	0.0286	-0.0049	0.0006	0.000000	-0.000025	-0.000049
317	0.0265	-0.0047	0.0005	0.000000	-0.000029	-0.000039
318	0.0232	-0.0051	0.0010	-0.000002	-0.000019	-0.000048
319	0.0218	-0.0049	0.0010	-0.000003	-0.000019	-0.000046
320	0.0203	-0.0047	0.0010	-0.000003	-0.000017	-0.000045
321	0.0282	0.0036	-0.0028	0.000000	-0.000014	-0.000049
322	0.0232	0.0036	-0.0029	0.000000	-0.000019	-0.000048
323	0.0218	0.0035	-0.0029	0.000001	-0.000019	-0.000046
324	0.0203	0.0035	-0.0030	0.000000	-0.000017	-0.000045
325	0.0305	0.0035	-0.0027	0.000000	-0.000025	-0.000052
326	0.0285	0.0035	-0.0027	0.000000	-0.000026	-0.000048
327	0.0263	0.0035	-0.0027	0.000000	-0.000031	-0.000037
328	-0.0028	-0.0446	0.0074	0.000000	-0.000003	-0.000049
329	0.0022	-0.0446	0.0057	0.000000	-0.000005	-0.000049
330	0.0071	-0.0446	0.0042	0.000000	-0.000006	-0.000049
331	0.0120	-0.0446	0.0027	0.000000	-0.000006	-0.000049
332	0.0169	-0.0446	0.0013	0.000000	-0.000007	-0.000049
333	0.0219	-0.0446	0.0000	0.000000	-0.000007	-0.000049
334	0.0268	-0.0446	-0.0013	0.000000	-0.000010	-0.000049
335	-0.0082	-0.0430	0.0094	-0.000013	-0.000008	-0.000052
336	-0.0086	-0.0416	0.0094	-0.000021	-0.000005	-0.000048
337	-0.0091	-0.0402	0.0094	-0.000017	-0.000006	-0.000044
338	0.0246	-0.0008	-0.0010	-0.000001	0.000000	-0.000049
339	0.0199	-0.0053	0.0014	0.000000	-0.000012	-0.000049
340	0.0153	-0.0053	0.0017	0.000000	-0.000008	-0.000049
341	0.0107	-0.0053	0.0021	0.000000	-0.000006	-0.000049
342	0.0060	-0.0053	0.0024	0.000000	-0.000005	-0.000049
343	0.0014	-0.0053	0.0028	0.000000	-0.000005	-0.000049
344	-0.0036	-0.0050	0.0031	0.000000	-0.000007	-0.000047
345	-0.0042	-0.0048	0.0031	0.000000	-0.000009	-0.000046
346	-0.0049	-0.0046	0.0032	0.000000	-0.000010	-0.000045
347	0.0014	0.0036	-0.0041	0.000000	-0.000005	-0.000049
348	0.0060	0.0036	-0.0039	0.000000	-0.000006	-0.000049
349	0.0107	0.0036	-0.0037	0.000000	-0.000007	-0.000049
350	0.0153	0.0036	-0.0035	0.000000	-0.000009	-0.000049
351	0.0199	0.0036	-0.0032	0.000000	-0.000012	-0.000049
352	-0.0036	0.0035	-0.0042	0.000000	-0.000007	-0.000048
353	-0.0043	0.0035	-0.0041	0.000000	-0.000009	-0.000046
354	-0.0050	0.0034	-0.0041	0.000000	-0.000009	-0.000045
355	0.0268	0.0429	-0.0005	0.000000	-0.000011	-0.000049
356	0.0219	0.0429	-0.0017	0.000000	-0.000008	-0.000049
357	0.0169	0.0429	-0.0028	0.000000	-0.000007	-0.000049
358	0.0120	0.0429	-0.0039	0.000000	-0.000006	-0.000049
359	0.0071	0.0429	-0.0049	0.000000	-0.000006	-0.000049
360	0.0022	0.0429	-0.0058	0.000000	-0.000006	-0.000049
361	-0.0028	0.0429	-0.0067	0.000000	-0.000005	-0.000049
362	-0.0081	0.0417	-0.0080	0.000019	-0.000007	-0.000046
363	-0.0085	0.0404	-0.0083	0.000016	-0.000006	-0.000044
364	-0.0090	0.0391	-0.0084	0.000018	-0.000007	-0.000042
365	-0.0077	-0.0403	0.0089	-0.000034	0.000000	-0.000049
366	-0.0077	-0.0361	0.0082	-0.000032	0.000000	-0.000049
367	-0.0077	-0.0291	0.0070	-0.000027	0.000000	-0.000049
368	-0.0077	-0.0226	0.0059	-0.000021	0.000000	-0.000049
369	-0.0077	-0.0188	0.0053	-0.000018	0.000000	-0.000049
370	-0.0077	-0.0150	0.0049	-0.000015	0.000000	-0.000049

371	-0.0082	-0.0105	0.0044	-0.000004	0.000000	-0.000048
372	-0.0086	-0.0103	0.0044	-0.000001	0.000000	-0.000047
373	-0.0091	-0.0102	0.0044	-0.000004	0.000000	-0.000045
374	-0.0077	0.0142	-0.0052	-0.000001	0.000000	-0.000049
375	-0.0077	0.0189	-0.0056	0.000000	0.000000	-0.000049
376	-0.0077	0.0236	-0.0060	0.000001	0.000000	-0.000049
377	-0.0077	0.0310	-0.0065	0.000003	0.000000	-0.000049
378	-0.0077	0.0383	-0.0072	0.000007	0.000000	-0.000049
379	-0.0081	0.0096	-0.0047	-0.000002	0.000000	-0.000049
380	-0.0086	0.0096	-0.0046	0.000001	0.000000	-0.000047
381	-0.0091	0.0093	-0.0046	0.000008	0.000000	-0.000046
382	0.0444	-0.0416	-0.0055	0.000000	0.000000	-0.000051
383	0.0444	-0.0373	-0.0062	0.000000	0.000000	-0.000051
384	0.0444	-0.0330	-0.0068	0.000000	0.000000	-0.000051
385	0.0444	-0.0287	-0.0074	-0.000001	0.000000	-0.000051
386	0.0440	-0.0458	-0.0048	-0.000001	-0.000004	-0.000049
387	0.0437	-0.0455	-0.0048	-0.000005	-0.000004	-0.000048
388	0.0433	-0.0451	-0.0050	-0.000002	-0.000003	-0.000046
389	0.0441	-0.0244	-0.0079	-0.000001	-0.000006	-0.000049
390	0.0439	-0.0244	-0.0081	-0.000001	0.000001	-0.000049
391	0.0435	-0.0241	-0.0084	-0.000004	-0.000012	-0.000048
392	0.0366	-0.0459	-0.0036	0.000000	-0.000001	-0.000051
393	0.0405	-0.0459	-0.0043	0.000000	-0.000002	-0.000051
394	0.0327	-0.0456	-0.0026	0.000000	-0.000001	-0.000050
395	0.0325	-0.0451	-0.0026	0.000000	-0.000003	-0.000050
396	0.0400	-0.0245	-0.0079	0.000000	-0.000002	-0.000051
397	0.0356	-0.0245	-0.0078	0.000000	-0.000001	-0.000051
398	0.0310	-0.0244	-0.0076	0.000000	-0.000007	-0.000050
399	0.0303	-0.0242	-0.0074	0.000000	-0.000009	-0.000056
400	0.0444	0.0396	0.0057	0.000030	0.000000	-0.000051
401	0.0444	0.0353	0.0074	0.000026	0.000000	-0.000051
402	0.0444	0.0311	0.0093	0.000023	0.000000	-0.000051
403	0.0444	0.0268	0.0114	0.000020	0.000000	-0.000051
404	0.0400	0.0228	0.0120	-0.000001	-0.000016	-0.000051
405	0.0356	0.0232	0.0109	-0.000001	-0.000011	-0.000051
406	0.0366	0.0439	0.0018	0.000000	-0.000012	-0.000051
407	0.0405	0.0439	0.0029	0.000000	-0.000022	-0.000051
408	0.0291	-0.0055	0.0009	0.000000	0.000000	-0.000051
409	0.0330	-0.0055	0.0008	0.000000	-0.000004	-0.000054
410	0.0324	-0.0054	0.0007	0.000000	-0.000008	-0.000047
411	0.0255	-0.0055	0.0010	0.000000	0.000000	-0.000050
412	0.0253	-0.0054	0.0010	0.000000	-0.000004	-0.000050
413	0.0291	0.0036	-0.0028	0.000000	-0.000003	-0.000051
414	0.0253	0.0036	-0.0030	0.000000	-0.000004	-0.000051
415	-0.0032	-0.0459	0.0076	0.000000	-0.000002	-0.000051
416	0.0013	-0.0459	0.0061	0.000000	-0.000001	-0.000051
417	0.0058	-0.0459	0.0046	0.000000	-0.000001	-0.000051
418	0.0103	-0.0459	0.0032	0.000000	-0.000001	-0.000051
419	0.0148	-0.0459	0.0019	0.000000	-0.000001	-0.000051
420	0.0193	-0.0459	0.0007	0.000000	-0.000001	-0.000051
421	0.0238	-0.0459	-0.0005	0.000000	0.000000	-0.000051
422	0.0283	-0.0459	-0.0017	0.000000	0.000000	-0.000051
423	0.0207	-0.0055	0.0013	0.000000	0.000000	-0.000051
424	0.0159	-0.0055	0.0016	0.000000	0.000001	-0.000051
425	0.0111	-0.0055	0.0020	0.000000	0.000000	-0.000051
426	0.0064	-0.0055	0.0024	0.000000	0.000000	-0.000051
427	0.0016	-0.0055	0.0027	0.000000	0.000000	-0.000051
428	0.0207	0.0036	-0.0033	0.000000	0.000000	-0.000051
429	0.0159	0.0036	-0.0035	0.000000	0.000000	-0.000051
430	0.0111	0.0036	-0.0038	0.000000	0.000000	-0.000051
431	0.0064	0.0036	-0.0040	0.000000	0.000000	-0.000051
432	0.0016	0.0036	-0.0042	0.000000	0.000000	-0.000051
433	-0.0032	0.0036	-0.0044	0.000000	0.000001	-0.000051
434	-0.0031	0.0036	-0.0044	0.000000	0.000000	-0.000051
435	-0.0031	0.0036	-0.0044	0.000000	0.000000	-0.000051
436	-0.0032	0.0439	-0.0065	0.000000	0.000001	-0.000051
437	0.0013	0.0439	-0.0060	0.000000	0.000000	-0.000051
438	0.0058	0.0439	-0.0053	0.000000	0.000001	-0.000051
439	0.0103	0.0439	-0.0045	0.000000	0.000000	-0.000051
440	0.0148	0.0439	-0.0036	0.000000	0.000000	-0.000051
441	0.0193	0.0439	-0.0026	0.000000	-0.000001	-0.000051
442	0.0238	0.0439	-0.0015	0.000000	-0.000002	-0.000051

443	0.0283	0.0439	-0.0004	0.000000	-0.000003	-0.000051
444	-0.0076	0.0438	-0.0068	0.000000	0.000001	-0.000051
445	-0.0076	0.0436	-0.0069	0.000004	0.000000	-0.000050
446	-0.0076	0.0434	-0.0072	0.000001	0.000001	-0.000050
447	-0.0077	0.0036	-0.0047	0.000000	0.000000	-0.000050
448	-0.0077	0.0036	-0.0046	0.000000	0.000000	-0.000050
449	-0.0077	0.0036	-0.0046	0.000000	0.000000	-0.000050
450	-0.0077	-0.0410	0.0088	-0.000040	0.000000	-0.000051
451	-0.0077	-0.0361	0.0080	-0.000034	0.000000	-0.000051
452	-0.0077	-0.0312	0.0072	-0.000030	0.000000	-0.000051
453	-0.0077	-0.0263	0.0063	-0.000027	0.000000	-0.000051
454	-0.0077	-0.0214	0.0056	-0.000022	0.000000	-0.000051
455	-0.0077	-0.0165	0.0050	-0.000019	0.000000	-0.000051
456	-0.0077	0.0145	-0.0053	0.000001	0.000000	-0.000051
457	-0.0077	0.0194	-0.0056	0.000001	0.000000	-0.000051
458	-0.0077	0.0243	-0.0060	0.000001	0.000000	-0.000051
459	-0.0077	0.0292	-0.0063	0.000001	0.000000	-0.000051
460	-0.0077	0.0341	-0.0066	0.000001	0.000000	-0.000051
461	-0.0077	0.0390	-0.0067	0.000001	0.000000	-0.000051
462	-0.0077	0.0096	-0.0050	0.000000	0.000000	-0.000050
463	-0.0077	0.0096	-0.0050	0.000000	0.000000	-0.000049
464	-0.0077	0.0096	-0.0049	0.000000	0.000000	-0.000049
465	-0.0077	0.0066	-0.0048	0.000000	0.000000	-0.000051
466	-0.0077	0.0066	-0.0048	0.000001	0.000000	-0.000049
467	0.0268	-0.0312	-0.0068	-0.000020	0.000000	-0.000076
468	0.0313	-0.0330	-0.0071	-0.000018	0.000000	-0.000071
469	0.0346	-0.0352	-0.0060	-0.000027	0.000000	-0.000052
470	0.0347	-0.0327	-0.0052	-0.000029	0.000000	-0.000042
471	0.0338	-0.0304	-0.0046	-0.000030	0.000000	-0.000042
472	0.0304	-0.0274	-0.0041	-0.000034	0.000000	-0.000042
473	0.0273	-0.0243	-0.0042	-0.000032	0.000000	-0.000046
474	0.0272	-0.0201	-0.0068	-0.000039	0.000000	-0.000044
475	0.0273	-0.0163	-0.0092	-0.000039	0.000000	-0.000038
476	0.0303	-0.0235	-0.0068	-0.000035	0.000000	-0.000041
477	0.0300	-0.0195	-0.0092	-0.000034	0.000000	-0.000043
478	0.0327	-0.0223	-0.0090	-0.000029	0.000000	-0.000044
479	0.0329	-0.0263	-0.0066	-0.000029	0.000000	-0.000041
480	0.0294	-0.0373	-0.0044	0.000000	-0.000032	-0.000063
481	0.0250	-0.0373	-0.0034	0.000000	-0.000046	-0.000048
482	0.0211	-0.0341	-0.0043	0.000000	-0.000047	-0.000071
483	0.0256	-0.0357	-0.0044	0.000000	-0.000053	-0.000070
484	0.0204	-0.0357	-0.0034	0.000000	-0.000058	-0.000061
485	0.0158	-0.0341	-0.0033	0.000000	-0.000045	-0.000065
486	0.0243	-0.0180	-0.0066	0.000000	-0.000043	-0.000044
487	0.0283	-0.0180	-0.0090	0.000000	-0.000032	-0.000049
488	0.0150	-0.0119	-0.0061	0.000000	-0.000052	-0.000067
489	0.0198	-0.0151	-0.0063	0.000000	-0.000059	-0.000058
490	0.0250	-0.0151	-0.0090	0.000000	-0.000043	-0.000060
491	0.0212	-0.0119	-0.0090	0.000000	-0.000042	-0.000078
492	0.0258	0.0237	0.0058	0.000032	0.000000	-0.000048
493	0.0294	0.0268	0.0058	0.000033	0.000000	-0.000044
494	0.0331	0.0295	0.0064	0.000026	0.000000	-0.000043
495	0.0335	0.0319	0.0058	0.000023	0.000000	-0.000042
496	0.0334	0.0343	0.0053	0.000022	0.000000	-0.000048
497	0.0297	0.0324	0.0059	0.000018	0.000000	-0.000060
498	0.0254	0.0305	0.0057	0.000021	0.000000	-0.000068
499	0.0257	0.0156	0.0119	0.000039	0.000000	-0.000038
500	0.0257	0.0194	0.0089	0.000038	0.000000	-0.000046
501	0.0321	0.0214	0.0117	0.000028	0.000000	-0.000045
502	0.0290	0.0187	0.0119	0.000033	0.000000	-0.000044
503	0.0292	0.0227	0.0090	0.000034	0.000000	-0.000042
504	0.0323	0.0254	0.0090	0.000027	0.000000	-0.000042
505	0.0280	0.0175	0.0121	-0.000003	-0.000035	-0.000047
506	0.0241	0.0178	0.0097	-0.000003	-0.000043	-0.000043
507	0.0202	0.0118	0.0120	-0.000003	-0.000043	-0.000071
508	0.0242	0.0148	0.0121	-0.000003	-0.000045	-0.000056
509	0.0194	0.0151	0.0093	-0.000005	-0.000059	-0.000054
510	0.0144	0.0122	0.0090	-0.000004	-0.000049	-0.000062
511	0.0248	0.0363	0.0021	0.000000	-0.000048	-0.000047
512	0.0288	0.0364	0.0031	0.000000	-0.000040	-0.000054
513	0.0156	0.0335	0.0020	0.000000	-0.000047	-0.000057
514	0.0202	0.0349	0.0021	0.000000	-0.000056	-0.000055

515	0.0248	0.0349	0.0031	0.000000	-0.000052	-0.000060
516	0.0202	0.0335	0.0030	0.000000	-0.000048	-0.000062
517	0.0189	-0.0039	0.0008	0.000000	-0.000041	-0.000042
518	0.0150	-0.0034	0.0008	0.000000	-0.000048	-0.000024
519	0.0107	-0.0028	0.0007	0.000000	-0.000050	-0.000002
520	0.0189	0.0031	-0.0028	0.000000	-0.000041	-0.000043
521	0.0150	0.0027	-0.0028	0.000000	-0.000049	-0.000024
522	0.0106	0.0023	-0.0026	0.000000	-0.000051	0.000000
523	0.0068	-0.0341	-0.0010	0.000000	-0.000048	-0.000034
524	0.0116	-0.0356	-0.0010	0.000000	-0.000061	-0.000038
525	0.0166	-0.0372	-0.0011	0.000000	-0.000054	-0.000044
526	0.0042	-0.0341	0.0003	0.000000	-0.000041	-0.000018
527	0.0082	-0.0356	0.0003	0.000000	-0.000051	-0.000028
528	0.0126	-0.0372	0.0003	0.000000	-0.000049	-0.000037
529	0.0027	-0.0340	0.0017	0.000000	-0.000031	-0.000011
530	0.0057	-0.0356	0.0016	0.000000	-0.000038	-0.000022
531	0.0091	-0.0372	0.0016	0.000000	-0.000038	-0.000034
532	0.0017	-0.0340	0.0031	0.000000	-0.000020	-0.000009
533	0.0036	-0.0356	0.0031	0.000000	-0.000024	-0.000021
534	0.0057	-0.0372	0.0030	0.000000	-0.000024	-0.000033
535	0.0005	-0.0340	0.0045	0.000000	-0.000009	-0.000014
536	0.0014	-0.0356	0.0045	0.000000	-0.000010	-0.000024
537	0.0023	-0.0372	0.0045	0.000000	-0.000012	-0.000035
538	-0.0013	-0.0372	0.0061	0.000000	-0.000002	-0.000038
539	-0.0054	-0.0372	0.0077	0.000000	0.000000	-0.000043
540	-0.0015	-0.0339	0.0060	0.000000	-0.000001	-0.000026
541	-0.0015	-0.0356	0.0061	0.000000	0.000000	-0.000032
542	-0.0053	-0.0355	0.0077	0.000000	0.000003	-0.000044
543	-0.0050	-0.0339	0.0076	0.000000	0.000002	-0.000044
544	0.0159	-0.0004	-0.0010	-0.000001	0.000000	-0.000039
545	0.0130	-0.0003	-0.0009	-0.000001	0.000000	-0.000036
546	0.0101	-0.0002	-0.0009	-0.000001	0.000000	-0.000037
547	-0.0038	-0.0029	0.0029	0.000000	-0.000014	-0.000032
548	-0.0029	-0.0033	0.0029	0.000000	-0.000006	-0.000040
549	-0.0023	-0.0039	0.0029	0.000000	-0.000008	-0.000042
550	-0.0007	-0.0029	0.0026	0.000000	-0.000018	-0.000033
551	0.0006	-0.0033	0.0026	0.000000	-0.000012	-0.000035
552	0.0015	-0.0039	0.0026	0.000000	-0.000010	-0.000040
553	0.0023	-0.0028	0.0023	0.000000	-0.000021	-0.000031
554	0.0039	-0.0033	0.0022	0.000000	-0.000016	-0.000035
555	0.0053	-0.0039	0.0022	0.000000	-0.000015	-0.000039
556	0.0089	-0.0039	0.0019	0.000000	-0.000020	-0.000039
557	0.0125	-0.0039	0.0016	0.000000	-0.000027	-0.000036
558	0.0051	-0.0028	0.0020	0.000000	-0.000023	-0.000028
559	0.0071	-0.0033	0.0019	0.000000	-0.000022	-0.000033
560	0.0101	-0.0033	0.0016	0.000000	-0.000026	-0.000031
561	0.0078	-0.0028	0.0017	0.000000	-0.000028	-0.000028
562	0.0077	0.0023	-0.0034	0.000000	-0.000028	-0.000029
563	0.0101	0.0027	-0.0034	0.000000	-0.000026	-0.000031
564	0.0125	0.0030	-0.0033	0.000000	-0.000027	-0.000036
565	0.0050	0.0023	-0.0035	0.000000	-0.000024	-0.000029
566	0.0071	0.0027	-0.0035	0.000000	-0.000023	-0.000034
567	0.0089	0.0030	-0.0035	0.000000	-0.000020	-0.000039
568	0.0022	0.0024	-0.0037	0.000000	-0.000021	-0.000032
569	0.0038	0.0027	-0.0037	0.000000	-0.000017	-0.000035
570	0.0052	0.0030	-0.0037	0.000000	-0.000015	-0.000039
571	0.0015	0.0030	-0.0038	0.000000	-0.000010	-0.000040
572	-0.0023	0.0030	-0.0040	0.000000	-0.000008	-0.000041
573	-0.0009	0.0024	-0.0038	0.000000	-0.000019	-0.000033
574	0.0005	0.0027	-0.0038	0.000000	-0.000013	-0.000035
575	-0.0030	0.0027	-0.0039	0.000000	-0.000006	-0.000039
576	-0.0039	0.0024	-0.0039	0.000000	-0.000015	-0.000031
577	-0.0047	0.0335	-0.0071	0.000000	0.000003	-0.000044
578	-0.0050	0.0349	-0.0072	0.000000	0.000004	-0.000044
579	-0.0053	0.0363	-0.0072	0.000000	0.000001	-0.000043
580	-0.0012	0.0336	-0.0059	0.000000	-0.000001	-0.000026
581	-0.0012	0.0350	-0.0059	0.000000	0.000001	-0.000032
582	-0.0012	0.0364	-0.0059	0.000000	-0.000001	-0.000038
583	0.0009	0.0336	-0.0048	0.000000	-0.000009	-0.000015
584	0.0016	0.0350	-0.0048	0.000000	-0.000009	-0.000025
585	0.0025	0.0364	-0.0048	0.000000	-0.000010	-0.000035
586	0.0021	0.0336	-0.0036	0.000000	-0.000020	-0.000010

587	0.0040	0.0350	-0.0036	0.000000	-0.000022	-0.000022
588	0.0059	0.0363	-0.0037	0.000000	-0.000022	-0.000034
589	0.0032	0.0336	-0.0025	0.000000	-0.000032	-0.000012
590	0.0062	0.0349	-0.0025	0.000000	-0.000036	-0.000022
591	0.0093	0.0363	-0.0025	0.000000	-0.000035	-0.000034
592	0.0128	0.0363	-0.0014	0.000000	-0.000046	-0.000037
593	0.0168	0.0363	-0.0002	0.000000	-0.000052	-0.000041
594	0.0047	0.0335	-0.0013	0.000000	-0.000042	-0.000019
595	0.0087	0.0349	-0.0014	0.000000	-0.000049	-0.000028
596	0.0120	0.0349	-0.0002	0.000000	-0.000057	-0.000037
597	0.0073	0.0335	-0.0002	0.000000	-0.000049	-0.000033
598	-0.0105	-0.0202	0.0082	-0.000047	0.000000	-0.000074
599	-0.0102	-0.0247	0.0083	-0.000049	0.000000	-0.000060
600	-0.0099	-0.0287	0.0082	-0.000034	0.000000	-0.000045
601	-0.0102	-0.0246	0.0073	-0.000034	0.000000	-0.000046
602	-0.0100	-0.0205	0.0061	-0.000039	0.000000	-0.000043
603	-0.0102	-0.0158	0.0059	-0.000060	0.000000	-0.000034
604	-0.0105	-0.0107	0.0059	-0.000049	0.000000	-0.000026
605	-0.0105	-0.0272	0.0087	-0.000036	0.000000	-0.000076
606	-0.0102	-0.0301	0.0087	-0.000032	0.000000	-0.000060
607	-0.0099	-0.0327	0.0088	-0.000028	0.000000	-0.000049
608	-0.0105	-0.0086	0.0056	-0.000048	0.000000	-0.000024
609	-0.0105	-0.0070	0.0052	-0.000039	0.000000	-0.000016
610	-0.0105	-0.0060	0.0048	-0.000029	0.000000	-0.000011
611	-0.0102	-0.0086	0.0048	-0.000031	0.000000	-0.000023
612	-0.0099	-0.0111	0.0048	-0.000026	0.000000	-0.000035
613	-0.0102	-0.0130	0.0056	-0.000049	0.000000	-0.000031
614	-0.0102	-0.0106	0.0052	-0.000041	0.000000	-0.000027
615	-0.0099	-0.0139	0.0052	-0.000034	0.000000	-0.000036
616	-0.0099	-0.0169	0.0057	-0.000041	0.000000	-0.000038
617	-0.0098	-0.0061	0.0042	-0.000010	0.000000	-0.000037
618	-0.0101	-0.0052	0.0042	-0.000010	0.000000	-0.000028
619	-0.0104	-0.0042	0.0041	-0.000012	0.000000	-0.000016
620	-0.0102	0.0104	-0.0058	0.000045	0.000000	-0.000028
621	-0.0100	0.0152	-0.0058	0.000057	0.000000	-0.000034
622	-0.0098	0.0199	-0.0060	0.000042	0.000000	-0.000044
623	-0.0099	0.0239	-0.0067	0.000034	0.000000	-0.000045
624	-0.0098	0.0280	-0.0074	0.000033	0.000000	-0.000048
625	-0.0101	0.0244	-0.0076	0.000042	0.000000	-0.000063
626	-0.0103	0.0205	-0.0075	0.000041	0.000000	-0.000076
627	-0.0097	0.0101	-0.0050	0.000026	0.000000	-0.000035
628	-0.0100	0.0077	-0.0050	0.000029	0.000000	-0.000023
629	-0.0102	0.0052	-0.0050	0.000027	0.000000	-0.000011
630	-0.0102	0.0063	-0.0053	0.000036	0.000000	-0.000016
631	-0.0102	0.0081	-0.0055	0.000044	0.000000	-0.000026
632	-0.0098	0.0129	-0.0053	0.000035	0.000000	-0.000036
633	-0.0100	0.0097	-0.0053	0.000040	0.000000	-0.000027
634	-0.0100	0.0122	-0.0056	0.000047	0.000000	-0.000032
635	-0.0098	0.0160	-0.0056	0.000041	0.000000	-0.000038
636	-0.0097	0.0262	-0.0069	0.000032	0.000000	-0.000045
637	-0.0097	0.0280	-0.0072	0.000031	0.000000	-0.000045
638	-0.0103	0.0271	-0.0079	0.000031	0.000000	-0.000077
639	-0.0101	0.0298	-0.0079	0.000027	0.000000	-0.000062
640	-0.0098	0.0320	-0.0079	0.000025	0.000000	-0.000051
641	-0.0097	0.0052	-0.0046	0.000009	0.000000	-0.000035
642	-0.0099	0.0045	-0.0046	0.000009	0.000000	-0.000026
643	-0.0101	0.0036	-0.0046	0.000011	0.000000	-0.000013
644	0.0371	-0.0389	-0.0068	-0.000016	0.000000	-0.000042
645	0.0404	-0.0404	-0.0067	-0.000019	0.000000	-0.000046
646	0.0428	-0.0420	-0.0057	-0.000018	0.000000	-0.000045
647	0.0430	-0.0395	-0.0055	-0.000011	0.000000	-0.000047
648	0.0426	-0.0369	-0.0052	-0.000009	0.000000	-0.000049
649	0.0401	-0.0358	-0.0044	-0.000014	0.000000	-0.000047
650	0.0375	-0.0344	-0.0042	-0.000019	0.000000	-0.000046
651	0.0374	-0.0301	-0.0065	-0.000017	0.000000	-0.000045
652	0.0374	-0.0260	-0.0085	-0.000015	0.000000	-0.000045
653	0.0399	-0.0314	-0.0065	-0.000012	0.000000	-0.000047
654	0.0396	-0.0270	-0.0083	-0.000011	0.000000	-0.000047
655	0.0416	-0.0277	-0.0080	-0.000008	0.000000	-0.000049
656	0.0418	-0.0322	-0.0065	-0.000009	0.000000	-0.000048
657	0.0384	-0.0435	-0.0044	0.000000	-0.000020	-0.000052
658	0.0343	-0.0433	-0.0034	0.000000	-0.000020	-0.000049

659	0.0338	-0.0405	-0.0045	0.000000	-0.000031	-0.000040
660	0.0364	-0.0420	-0.0044	0.000000	-0.000031	-0.000048
661	0.0326	-0.0419	-0.0034	0.000000	-0.000026	-0.000045
662	0.0305	-0.0404	-0.0034	0.000000	-0.000025	-0.000044
663	0.0335	-0.0234	-0.0076	0.000000	-0.000019	-0.000047
664	0.0375	-0.0234	-0.0085	0.000000	-0.000021	-0.000046
665	0.0295	-0.0219	-0.0072	0.000000	-0.000024	-0.000048
666	0.0315	-0.0228	-0.0074	0.000000	-0.000030	-0.000047
667	0.0355	-0.0228	-0.0087	0.000000	-0.000029	-0.000045
668	0.0334	-0.0219	-0.0088	0.000000	-0.000025	-0.000043
669	0.0374	0.0324	0.0066	0.000009	0.000000	-0.000044
670	0.0398	0.0332	0.0067	0.000008	0.000000	-0.000044
671	0.0422	0.0344	0.0070	0.000020	0.000000	-0.000046
672	0.0423	0.0370	0.0060	0.000026	0.000000	-0.000049
673	0.0422	0.0398	0.0050	0.000018	0.000000	-0.000053
674	0.0398	0.0386	0.0053	0.000012	0.000000	-0.000049
675	0.0372	0.0374	0.0054	0.000015	0.000000	-0.000042
676	0.0372	0.0245	0.0114	0.000010	0.000000	-0.000044
677	0.0373	0.0284	0.0090	0.000010	0.000000	-0.000043
678	0.0412	0.0256	0.0113	0.000007	0.000000	-0.000044
679	0.0393	0.0251	0.0113	0.000007	0.000000	-0.000043
680	0.0394	0.0291	0.0091	0.000007	0.000000	-0.000044
681	0.0414	0.0298	0.0091	0.000012	0.000000	-0.000047
682	0.0369	0.0219	0.0121	-0.000001	-0.000017	-0.000050
683	0.0329	0.0223	0.0108	-0.000002	-0.000020	-0.000044
684	0.0333	0.0208	0.0121	-0.000002	-0.000021	-0.000043
685	0.0352	0.0215	0.0121	-0.000002	-0.000027	-0.000047
686	0.0311	0.0218	0.0107	-0.000002	-0.000025	-0.000047
687	0.0293	0.0211	0.0104	-0.000002	-0.000020	-0.000049
688	0.0339	0.0417	0.0019	0.000000	-0.000023	-0.000047
689	0.0377	0.0418	0.0029	0.000000	-0.000022	-0.000048
690	0.0306	0.0391	0.0020	0.000000	-0.000023	-0.000042
691	0.0323	0.0404	0.0020	0.000000	-0.000020	-0.000043
692	0.0359	0.0405	0.0030	0.000000	-0.000024	-0.000046
693	0.0338	0.0391	0.0031	0.000000	-0.000025	-0.000041
694	0.0268	-0.0051	0.0008	0.000000	-0.000020	-0.000051
695	0.0251	-0.0049	0.0008	0.000000	-0.000023	-0.000047
696	0.0236	-0.0047	0.0008	0.000000	-0.000018	-0.000044
697	0.0268	0.0035	-0.0028	0.000000	-0.000020	-0.000051
698	0.0251	0.0035	-0.0028	0.000000	-0.000024	-0.000047
699	0.0235	0.0035	-0.0028	0.000000	-0.000017	-0.000043
700	0.0230	-0.0403	-0.0011	0.000000	-0.000023	-0.000041
701	0.0246	-0.0418	-0.0012	0.000000	-0.000019	-0.000045
702	0.0259	-0.0432	-0.0012	0.000000	-0.000014	-0.000046
703	0.0186	-0.0403	0.0002	0.000000	-0.000023	-0.000046
704	0.0201	-0.0417	0.0001	0.000000	-0.000015	-0.000046
705	0.0211	-0.0432	0.0001	0.000000	-0.000011	-0.000048
706	0.0140	-0.0403	0.0015	0.000000	-0.000021	-0.000047
707	0.0154	-0.0417	0.0015	0.000000	-0.000015	-0.000049
708	0.0163	-0.0432	0.0014	0.000000	-0.000010	-0.000049
709	0.0093	-0.0403	0.0030	0.000000	-0.000018	-0.000048
710	0.0105	-0.0417	0.0029	0.000000	-0.000014	-0.000049
711	0.0114	-0.0432	0.0028	0.000000	-0.000010	-0.000049
712	0.0045	-0.0402	0.0044	0.000000	-0.000015	-0.000047
713	0.0056	-0.0417	0.0044	0.000000	-0.000013	-0.000048
714	0.0065	-0.0432	0.0043	0.000000	-0.000010	-0.000049
715	0.0016	-0.0431	0.0059	0.000000	-0.000009	-0.000048
716	-0.0032	-0.0431	0.0076	0.000000	-0.000008	-0.000048
717	-0.0001	-0.0402	0.0060	0.000000	-0.000012	-0.000046
718	0.0008	-0.0417	0.0060	0.000000	-0.000012	-0.000047
719	-0.0039	-0.0416	0.0076	0.000000	-0.000010	-0.000047
720	-0.0046	-0.0402	0.0077	0.000000	-0.000009	-0.000045
721	0.0232	-0.0008	-0.0010	-0.000001	0.000000	-0.000048
722	0.0218	-0.0007	-0.0010	-0.000001	0.000000	-0.000047
723	0.0203	-0.0006	-0.0010	-0.000001	0.000000	-0.000045
724	-0.0007	-0.0046	0.0029	0.000000	-0.000012	-0.000045
725	0.0002	-0.0048	0.0028	0.000000	-0.000011	-0.000046
726	0.0009	-0.0050	0.0028	0.000000	-0.000008	-0.000048
727	0.0035	-0.0046	0.0025	0.000000	-0.000014	-0.000045
728	0.0045	-0.0048	0.0025	0.000000	-0.000013	-0.000047
729	0.0054	-0.0050	0.0024	0.000000	-0.000010	-0.000048
730	0.0078	-0.0046	0.0022	0.000000	-0.000016	-0.000045

731	0.0090	-0.0048	0.0021	0.000000	-0.000015	-0.000047
732	0.0100	-0.0050	0.0021	0.000000	-0.000011	-0.000048
733	0.0145	-0.0050	0.0017	0.000000	-0.000014	-0.000047
734	0.0188	-0.0051	0.0014	0.000000	-0.000017	-0.000045
735	0.0120	-0.0046	0.0018	0.000000	-0.000018	-0.000045
736	0.0133	-0.0048	0.0018	0.000000	-0.000016	-0.000045
737	0.0175	-0.0048	0.0014	0.000000	-0.000017	-0.000044
738	0.0162	-0.0046	0.0015	0.000000	-0.000017	-0.000043
739	0.0162	0.0034	-0.0033	0.000000	-0.000017	-0.000043
740	0.0175	0.0035	-0.0032	0.000000	-0.000017	-0.000044
741	0.0188	0.0036	-0.0032	0.000000	-0.000017	-0.000045
742	0.0120	0.0034	-0.0035	0.000000	-0.000018	-0.000045
743	0.0133	0.0035	-0.0035	0.000000	-0.000016	-0.000046
744	0.0144	0.0035	-0.0035	0.000000	-0.000014	-0.000048
745	0.0078	0.0034	-0.0037	0.000000	-0.000016	-0.000045
746	0.0089	0.0035	-0.0037	0.000000	-0.000014	-0.000047
747	0.0099	0.0035	-0.0037	0.000000	-0.000011	-0.000048
748	0.0054	0.0035	-0.0039	0.000000	-0.000010	-0.000048
749	0.0009	0.0035	-0.0041	0.000000	-0.000009	-0.000048
750	0.0035	0.0034	-0.0038	0.000000	-0.000013	-0.000045
751	0.0045	0.0035	-0.0039	0.000000	-0.000013	-0.000047
752	0.0001	0.0035	-0.0040	0.000000	-0.000011	-0.000047
753	-0.0007	0.0034	-0.0040	0.000000	-0.000011	-0.000045
754	-0.0047	0.0391	-0.0071	0.000000	-0.000008	-0.000044
755	-0.0040	0.0404	-0.0070	0.000000	-0.000009	-0.000047
756	-0.0033	0.0417	-0.0069	0.000000	-0.000009	-0.000049
757	-0.0002	0.0391	-0.0059	0.000000	-0.000011	-0.000046
758	0.0007	0.0404	-0.0059	0.000000	-0.000012	-0.000048
759	0.0016	0.0417	-0.0059	0.000000	-0.000010	-0.000048
760	0.0045	0.0391	-0.0048	0.000000	-0.000014	-0.000047
761	0.0055	0.0404	-0.0048	0.000000	-0.000013	-0.000049
762	0.0064	0.0417	-0.0048	0.000000	-0.000010	-0.000049
763	0.0092	0.0391	-0.0037	0.000000	-0.000017	-0.000047
764	0.0104	0.0404	-0.0038	0.000000	-0.000014	-0.000049
765	0.0114	0.0417	-0.0038	0.000000	-0.000011	-0.000049
766	0.0139	0.0391	-0.0026	0.000000	-0.000021	-0.000047
767	0.0153	0.0404	-0.0027	0.000000	-0.000015	-0.000049
768	0.0163	0.0417	-0.0027	0.000000	-0.000011	-0.000049
769	0.0211	0.0416	-0.0016	0.000000	-0.000012	-0.000048
770	0.0258	0.0416	-0.0004	0.000000	-0.000015	-0.000044
771	0.0185	0.0390	-0.0015	0.000000	-0.000022	-0.000046
772	0.0200	0.0404	-0.0015	0.000000	-0.000016	-0.000046
773	0.0245	0.0403	-0.0003	0.000000	-0.000017	-0.000044
774	0.0230	0.0390	-0.0003	0.000000	-0.000023	-0.000043
775	-0.0094	-0.0254	0.0068	-0.000030	0.000000	-0.000043
776	-0.0095	-0.0277	0.0076	-0.000025	0.000000	-0.000043
777	-0.0089	-0.0291	0.0077	-0.000006	0.000000	-0.000043
778	-0.0085	-0.0296	0.0077	-0.000007	0.000000	-0.000046
779	-0.0079	-0.0309	0.0075	-0.000023	0.000000	-0.000050
780	-0.0080	-0.0282	0.0070	-0.000026	0.000000	-0.000048
781	-0.0080	-0.0256	0.0065	-0.000018	0.000000	-0.000046
782	-0.0085	-0.0247	0.0063	-0.000002	0.000000	-0.000045
783	-0.0090	-0.0244	0.0062	-0.000005	0.000000	-0.000047
784	-0.0095	-0.0230	0.0062	-0.000027	0.000000	-0.000044
785	-0.0091	-0.0172	0.0053	-0.000007	0.000000	-0.000046
786	-0.0086	-0.0176	0.0053	-0.000002	0.000000	-0.000047
787	-0.0082	-0.0179	0.0053	-0.000006	0.000000	-0.000047
788	-0.0086	-0.0212	0.0058	-0.000003	0.000000	-0.000046
789	-0.0090	-0.0208	0.0058	-0.000006	0.000000	-0.000046
790	-0.0085	-0.0336	0.0082	-0.000009	0.000000	-0.000047
791	-0.0086	-0.0376	0.0088	-0.000012	0.000000	-0.000049
792	-0.0090	-0.0363	0.0088	-0.000014	0.000000	-0.000044
793	-0.0090	-0.0327	0.0082	-0.000010	0.000000	-0.000044
794	-0.0082	-0.0142	0.0049	-0.000005	0.000000	-0.000047
795	-0.0086	-0.0140	0.0049	-0.000002	0.000000	-0.000047
796	-0.0091	-0.0137	0.0049	-0.000005	0.000000	-0.000046
797	-0.0081	-0.0216	0.0059	-0.000009	0.000000	-0.000047
798	-0.0094	-0.0217	0.0060	-0.000021	0.000000	-0.000044
799	-0.0093	-0.0220	0.0060	-0.000017	0.000000	-0.000045
800	-0.0081	-0.0386	0.0088	-0.000016	0.000000	-0.000051
801	-0.0081	-0.0345	0.0082	-0.000018	0.000000	-0.000046
802	-0.0093	-0.0295	0.0078	-0.000017	0.000000	-0.000042

803	-0.0089	0.0270	-0.0065	0.000014	0.000000	-0.000047
804	-0.0084	0.0279	-0.0065	0.000005	0.000000	-0.000048
805	-0.0079	0.0282	-0.0064	0.000002	0.000000	-0.000049
806	-0.0078	0.0308	-0.0065	0.000003	0.000000	-0.000048
807	-0.0079	0.0335	-0.0068	0.000006	0.000000	-0.000048
808	-0.0083	0.0327	-0.0069	0.000011	0.000000	-0.000043
809	-0.0089	0.0315	-0.0071	0.000015	0.000000	-0.000041
810	-0.0084	0.0353	-0.0073	0.000013	0.000000	-0.000043
811	-0.0085	0.0378	-0.0078	0.000015	0.000000	-0.000043
812	-0.0079	0.0374	-0.0073	0.000011	0.000000	-0.000047
813	-0.0081	0.0364	-0.0073	0.000012	0.000000	-0.000045
814	-0.0079	0.0354	-0.0070	0.000008	0.000000	-0.000048
815	-0.0081	0.0185	-0.0055	0.000000	0.000000	-0.000049
816	-0.0086	0.0180	-0.0055	0.000004	0.000000	-0.000048
817	-0.0090	0.0171	-0.0054	0.000011	0.000000	-0.000046
818	-0.0084	0.0246	-0.0061	0.000005	0.000000	-0.000048
819	-0.0085	0.0213	-0.0058	0.000005	0.000000	-0.000048
820	-0.0079	0.0240	-0.0060	0.000001	0.000000	-0.000049
821	-0.0082	0.0243	-0.0061	0.000002	0.000000	-0.000048
822	-0.0090	0.0363	-0.0079	0.000017	0.000000	-0.000041
823	-0.0090	0.0336	-0.0074	0.000016	0.000000	-0.000041
824	-0.0081	0.0389	-0.0076	0.000015	0.000000	-0.000044
825	-0.0079	0.0397	-0.0075	0.000014	0.000000	-0.000047
826	-0.0081	0.0348	-0.0071	0.000010	0.000000	-0.000045
827	-0.0077	0.0358	-0.0070	0.000007	0.000000	-0.000049
828	-0.0091	0.0132	-0.0050	0.000009	0.000000	-0.000046
829	-0.0086	0.0138	-0.0051	0.000003	0.000000	-0.000048
830	-0.0081	0.0141	-0.0051	0.000000	0.000000	-0.000049
831	-0.0090	0.0238	-0.0061	0.000014	0.000000	-0.000046
832	-0.0090	0.0205	-0.0057	0.000012	0.000000	-0.000046
833	-0.0083	0.0214	-0.0058	0.000002	0.000000	-0.000048
834	0.0435	-0.0331	-0.0067	-0.000004	0.000000	-0.000050
835	0.0438	-0.0332	-0.0067	-0.000002	0.000000	-0.000051
836	0.0441	-0.0331	-0.0068	-0.000001	0.000000	-0.000051
837	0.0437	-0.0415	-0.0055	-0.000003	0.000000	-0.000049
838	0.0438	-0.0374	-0.0061	-0.000002	0.000000	-0.000051
839	0.0433	-0.0409	-0.0055	-0.000004	0.000000	-0.000049
840	0.0441	-0.0288	-0.0074	-0.000001	0.000000	-0.000051
841	0.0439	-0.0287	-0.0075	-0.000002	0.000000	-0.000050
842	0.0436	-0.0286	-0.0076	-0.000003	0.000000	-0.000050
843	0.0440	-0.0416	-0.0055	-0.000001	0.000000	-0.000050
844	0.0441	-0.0374	-0.0061	-0.000001	0.000000	-0.000051
845	0.0434	-0.0372	-0.0059	-0.000005	0.000000	-0.000050
846	0.0431	-0.0428	-0.0054	-0.000007	0.000000	-0.000049
847	0.0410	-0.0455	-0.0044	0.000000	-0.000003	-0.000047
848	0.0383	-0.0455	-0.0038	0.000000	-0.000002	-0.000047
849	0.0355	-0.0455	-0.0033	0.000000	-0.000001	-0.000049
850	0.0353	-0.0451	-0.0032	0.000000	-0.000004	-0.000048
851	0.0380	-0.0451	-0.0038	0.000000	-0.000004	-0.000047
852	0.0407	-0.0451	-0.0044	0.000000	-0.000003	-0.000046
853	0.0355	-0.0449	-0.0033	0.000000	-0.000007	-0.000048
854	0.0408	-0.0457	-0.0043	0.000000	-0.000003	-0.000047
855	0.0378	-0.0457	-0.0038	0.000000	-0.000002	-0.000049
856	0.0354	-0.0457	-0.0033	0.000000	-0.000001	-0.000050
857	0.0376	-0.0449	-0.0038	0.000000	-0.000007	-0.000048
858	0.0343	-0.0244	-0.0077	0.000000	-0.000004	-0.000050
859	0.0375	-0.0244	-0.0079	0.000000	-0.000003	-0.000049
860	0.0407	-0.0244	-0.0080	0.000000	-0.000003	-0.000049
861	0.0404	-0.0242	-0.0082	0.000000	-0.000003	-0.000048
862	0.0372	-0.0242	-0.0079	0.000000	-0.000003	-0.000050
863	0.0339	-0.0242	-0.0076	0.000000	-0.000005	-0.000054
864	0.0397	-0.0240	-0.0083	0.000000	-0.000007	-0.000045
865	0.0416	-0.0244	-0.0079	0.000000	-0.000003	-0.000049
866	0.0363	-0.0240	-0.0079	0.000000	-0.000005	-0.000052
867	0.0333	-0.0240	-0.0076	0.000000	-0.000006	-0.000055
868	0.0435	0.0411	0.0049	0.000030	0.000000	-0.000048
869	0.0291	-0.0055	0.0009	0.000000	0.000000	-0.000052
870	0.0289	-0.0054	0.0008	0.000000	-0.000005	-0.000048
871	0.0287	0.0036	-0.0028	0.000000	-0.000011	-0.000049
872	0.0112	-0.0452	0.0029	0.000000	-0.000003	-0.000050
873	0.0018	-0.0452	0.0059	0.000000	-0.000003	-0.000050
874	-0.0030	-0.0453	0.0075	0.000000	-0.000001	-0.000050

875	0.0160	-0.0453	0.0016	0.000000	-0.000003	-0.000050
876	0.0205	-0.0453	0.0004	0.000000	-0.000003	-0.000050
877	0.0288	-0.0455	-0.0017	0.000000	-0.000001	-0.000050
878	0.0251	-0.0453	-0.0008	0.000000	-0.000003	-0.000051
879	0.0295	-0.0451	-0.0019	0.000000	-0.000005	-0.000051
880	0.0065	-0.0452	0.0044	0.000000	-0.000003	-0.000050
881	0.0208	-0.0054	0.0013	0.000000	-0.000002	-0.000051
882	0.0223	-0.0055	0.0012	0.000000	0.000000	-0.000051
883	0.0016	0.0036	-0.0041	0.000000	-0.000001	-0.000050
884	0.0017	0.0036	-0.0042	0.000000	0.000000	-0.000051
885	0.0016	0.0036	-0.0042	0.000000	0.000000	-0.000051
886	0.0063	0.0036	-0.0039	0.000000	-0.000003	-0.000050
887	0.0064	0.0036	-0.0040	0.000000	0.000000	-0.000050
888	0.0064	0.0036	-0.0040	0.000000	0.000001	-0.000050
889	0.0110	0.0036	-0.0037	0.000000	-0.000004	-0.000050
890	0.0111	0.0036	-0.0037	0.000000	-0.000001	-0.000050
891	0.0112	0.0036	-0.0038	0.000000	0.000000	-0.000050
892	0.0159	0.0036	-0.0035	0.000000	-0.000001	-0.000050
893	0.0206	0.0036	-0.0033	0.000000	-0.000002	-0.000050
894	0.0151	0.0036	-0.0035	0.000000	-0.000005	-0.000050
895	0.0157	0.0036	-0.0035	0.000000	-0.000003	-0.000050
896	0.0203	0.0036	-0.0033	0.000000	-0.000005	-0.000051
897	0.0185	0.0036	-0.0033	0.000000	-0.000007	-0.000050
898	-0.0030	0.0438	-0.0064	0.000000	0.000001	-0.000050
899	-0.0028	0.0436	-0.0065	0.000000	0.000000	-0.000051
900	-0.0027	0.0434	-0.0066	0.000000	0.000000	-0.000051
901	0.0016	0.0438	-0.0059	0.000000	0.000001	-0.000050
902	0.0020	0.0436	-0.0059	0.000000	0.000000	-0.000050
903	0.0022	0.0433	-0.0058	0.000000	-0.000002	-0.000049
904	0.0063	0.0438	-0.0052	0.000000	0.000001	-0.000050
905	0.0067	0.0435	-0.0051	0.000000	0.000000	-0.000050
906	0.0070	0.0433	-0.0050	0.000000	-0.000003	-0.000050
907	0.0109	0.0437	-0.0043	0.000000	0.000000	-0.000050
908	0.0114	0.0435	-0.0042	0.000000	-0.000001	-0.000050
909	0.0118	0.0432	-0.0040	0.000000	-0.000004	-0.000049
910	0.0154	0.0437	-0.0034	0.000000	-0.000001	-0.000050
911	0.0161	0.0435	-0.0032	0.000000	-0.000002	-0.000050
912	0.0166	0.0432	-0.0030	0.000000	-0.000005	-0.000050
913	0.0194	0.0437	-0.0025	0.000000	-0.000002	-0.000051
914	0.0204	0.0435	-0.0022	0.000000	-0.000004	-0.000050
915	0.0216	0.0433	-0.0019	0.000000	-0.000006	-0.000050
916	0.0268	0.0434	-0.0007	0.000000	-0.000009	-0.000053
917	0.0247	0.0436	-0.0013	0.000000	-0.000004	-0.000051
918	0.0226	0.0438	-0.0018	0.000000	-0.000002	-0.000051
919	-0.0076	0.0285	-0.0063	0.000002	0.000000	-0.000050
920	-0.0076	0.0287	-0.0063	0.000002	0.000000	-0.000051
921	-0.0076	0.0289	-0.0063	0.000001	0.000000	-0.000051
922	-0.0076	0.0291	-0.0063	0.000001	0.000000	-0.000051
923	-0.0077	0.0193	-0.0056	0.000001	0.000000	-0.000050
924	-0.0076	0.0192	-0.0056	0.000001	0.000000	-0.000050
925	-0.0076	0.0191	-0.0056	0.000001	0.000000	-0.000050
926	-0.0077	0.0190	-0.0056	0.000001	0.000000	-0.000050
927	-0.0077	0.0127	-0.0052	0.000001	0.000000	-0.000049
928	-0.0077	0.0159	-0.0054	0.000001	0.000000	-0.000050
929	-0.0077	0.0150	-0.0053	0.000001	0.000000	-0.000049
930	-0.0077	0.0123	-0.0051	0.000000	0.000000	-0.000049
931	-0.0076	0.0320	-0.0066	0.000003	0.000000	-0.000050
932	-0.0076	0.0356	-0.0068	0.000003	0.000000	-0.000051
933	-0.0076	0.0393	-0.0071	0.000003	0.000000	-0.000049
934	-0.0076	0.0396	-0.0069	0.000002	0.000000	-0.000050
935	-0.0076	0.0394	-0.0068	0.000001	0.000000	-0.000051
936	-0.0076	0.0322	-0.0065	0.000002	0.000000	-0.000051
937	-0.0076	0.0358	-0.0067	0.000001	0.000000	-0.000050
938	-0.0076	0.0354	-0.0066	0.000001	0.000000	-0.000051
939	-0.0076	0.0321	-0.0065	0.000001	0.000000	-0.000051
940	-0.0076	0.0318	-0.0064	0.000001	0.000000	-0.000051
941	-0.0077	0.0242	-0.0060	0.000001	0.000000	-0.000051
942	-0.0076	0.0240	-0.0060	0.000001	0.000000	-0.000051
943	-0.0076	0.0239	-0.0060	0.000002	0.000000	-0.000050
944	-0.0076	0.0237	-0.0060	0.000001	0.000000	-0.000050
945	-0.0077	0.0146	-0.0053	0.000001	0.000000	-0.000051
946	-0.0077	0.0156	-0.0054	0.000001	0.000000	-0.000050

947	-0.0077	0.0127	-0.0052	0.000001	0.000000	-0.000050
948	-0.0077	0.0066	-0.0048	0.000000	0.000000	-0.000050
949	-0.0077	0.0066	-0.0048	0.000000	0.000000	-0.000050
950	-0.0077	0.0066	-0.0048	0.000000	0.000000	-0.000049

4.1.5.2 Sollecitazioni

Tabella 10.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	144.80	-166.58	289.96	894.37	-79.88	-839.05
			20	255.18	-166.58	429.54	942.86	73.55	-696.45
			40	365.57	-166.59	578.78	991.01	199.15	-560.86
2	Fond.	1, 2	0	-156.25	-158.40	578.81	-2003.77	205.11	-609.39
			28	-4.45	-158.40	-23.94	-1938.57	348.30	-434.20
			55	147.35	-158.40	-608.96	-1874.81	445.05	-271.56
3	Fond.	1, 2	0	146.17	-158.40	-608.96	-1874.81	445.05	-271.56
			28	297.99	-158.41	-1176.61	-1812.07	498.73	-120.77
			55	449.85	-158.41	-1727.05	-1749.08	512.47	19.01
4	Fond.	1, 2	0	-605.82	-145.48	-1727.16	1156.72	479.43	-2.52
			46	-353.69	-145.49	-1274.99	1267.28	431.58	207.67
			91	-101.70	-145.49	-769.10	1393.25	293.40	393.73
5	Fond.	1, 2	0	-1179.77	-100.90	-769.90	803.55	245.38	287.82
			46	-928.02	-100.90	-470.87	951.54	75.53	452.64
			91	-676.61	-100.91	-98.30	1125.56	-165.04	597.63
6	Fond.	1, 2	0	-1251.08	-57.79	-99.30	400.09	-236.04	489.15
			46	-1000.04	-57.79	27.93	602.06	-488.71	613.86
			91	-749.36	-57.80	254.01	832.29	-793.21	715.44
7	Fond.	9, 1	0	-58.90	-3.03	65.53	188.01	-73.50	279.89
			38	221.39	-3.03	33.57	231.84	-165.22	195.20
			77	501.74	-3.03	20.06	284.39	-220.54	89.87
8	Fond.	9, 1	0	-434.80	-95.57	19.69	88.51	-230.38	141.60
			38	-154.44	-95.57	-47.11	149.68	-261.06	14.67
			77	125.88	-95.57	-88.79	219.53	-238.74	-135.05
9	Fond.	9, 1	0	-826.90	-206.47	-89.18	91.29	-235.55	-28.17
			38	-546.67	-206.47	-151.50	170.10	-192.25	-201.88
			77	-266.59	-206.47	-181.77	258.32	-77.60	-400.63
10	Fond.	2, 5	0	-330.12	248.19	40.25	-208.13	-791.94	-978.49
			43	-414.14	248.18	31.91	9.24	-417.53	-754.24
			87	-498.29	248.18	111.58	197.81	-134.05	-559.31
11	Fond.	2, 5	0	138.32	329.59	112.65	-192.88	-61.45	-691.83
			43	54.11	329.59	98.47	-33.46	201.71	-528.04
			87	-30.09	329.58	146.95	96.27	400.59	-394.96
12	Fond.	2, 5	0	504.33	470.21	148.05	-823.95	458.58	-561.65
			43	420.21	470.21	-152.58	-724.49	678.32	-457.09
			87	336.23	470.21	-416.74	-655.19	858.26	-377.15
13	Fond.	3, 4	0	482.47	-54.34	-333.49	917.35	586.01	610.66
			45	708.49	-54.34	-77.60	627.65	331.60	516.22
			90	934.77	-54.33	55.16	370.66	124.59	400.38
14	Fond.	3, 4	0	343.35	-98.45	53.98	921.37	67.98	507.77
			45	569.86	-98.44	326.20	697.09	-130.75	372.21
			90	796.57	-98.44	504.58	504.30	-264.05	216.74
15	Fond.	3, 4	0	-106.12	-141.97	503.52	1102.64	-301.07	316.54
			45	120.72	-141.96	870.98	938.74	-404.55	139.57
			90	347.60	-141.96	1170.43	799.46	-423.07	-61.64
16	Fond.	3, 4	0	-440.32	-154.29	1170.08	-1077.80	-449.47	-52.30
			28	-301.67	-154.29	807.66	-1153.37	-416.60	-188.58
			55	-163.05	-154.29	425.27	-1223.35	-344.76	-335.90
17	Fond.	3, 4	0	-155.99	-154.29	425.27	-1223.35	-344.76	-335.90
			28	-17.40	-154.28	24.31	-1288.62	-230.80	-494.94
			55	121.19	-154.28	-393.99	-1349.47	-71.44	-666.20
18	Fond.	3, 4	0	-254.97	-163.45	-394.12	717.88	-68.39	-604.23
			22	-144.10	-163.45	-285.60	672.50	80.45	-750.23
			44	-33.25	-163.45	-186.72	630.32	262.28	-904.24
19	Fond.	8, 3	0	-415.95	540.48	613.45	-956.09	-587.85	-225.51
			43	-512.10	540.48	211.36	-1077.11	-475.26	-296.18
			87	-608.41	540.48	-250.34	-1230.95	-327.14	-389.50
20	Fond.	8, 3	0	-100.04	404.98	-249.14	197.96	-282.17	-244.99

RELAZIONE DI CALCOLO -

			43	-196.48	404.99	-163.81	11.25	-150.86	-363.75
			87	-292.98	404.99	-166.57	-207.32	37.91	-509.56
21	Fond.	8, 3	0	351.47	322.25	-165.44	340.40	97.86	-381.31
			43	254.97	322.25	-31.91	90.82	300.22	-554.50
			87	158.57	322.26	-13.53	-189.28	583.60	-753.75
22	Fond.	4, 12	0	440.90	-132.53	176.61	257.34	256.66	-227.50
			38	716.22	-132.53	152.18	191.56	308.34	-46.06
			77	991.72	-132.54	104.25	135.05	294.82	112.92
23	Fond.	4, 12	0	237.57	-53.04	103.87	209.79	288.46	20.52
			38	513.24	-53.05	64.56	162.06	253.48	158.50
			77	789.04	-53.05	8.54	122.79	169.43	276.80
24	Fond.	4, 12	0	21.35	8.65	8.18	216.06	151.54	244.32
			38	297.26	8.64	-25.59	185.10	38.19	343.95
			77	573.24	8.64	-69.67	162.49	-109.86	425.39
25	Fond.	5, 6	0	317.80	172.42	1033.72	-676.82	546.46	9.60
			188	648.18	172.39	-178.78	-497.67	300.20	215.54
			376	982.67	172.38	-1207.84	-467.56	-191.65	297.88
26	Fond.	9, 5	0	148.50	-128.67	320.97	-174.04	-765.86	-1231.39
			213	452.33	-128.70	96.39	88.72	416.40	3.26
			425	759.81	-128.73	474.72	379.92	-369.70	660.39
27	Fond.	6, 7	0	-284.98	345.26	-748.01	1137.72	-950.51	-1062.98
			90	-126.39	345.26	221.48	1163.79	-7.29	-1039.08
			180	32.02	345.26	1230.46	1223.43	932.45	-1055.32
28	Fond.	6, 10	0	-1413.13	-391.62	269.90	-821.31	703.75	1056.43
			36	-1428.98	-391.62	-21.16	-820.90	309.32	1119.55
			73	-1445.16	-391.63	-313.23	-827.52	-107.87	1182.15
29	Fond.	6, 10	0	-1592.07	-265.83	-312.93	-328.68	-167.86	976.89
			36	-1608.60	-265.84	-427.64	-341.83	-533.32	1039.35
			73	-1625.52	-265.84	-547.98	-360.35	-921.21	1100.29
30	Fond.	7, 8	0	-1319.51	182.03	1812.80	-841.06	118.36	236.80
			198	-971.74	182.04	107.71	-795.63	-283.16	155.85
			395	-630.75	182.08	-1883.21	-1140.87	-397.97	-82.71
31	Fond.	7, 11	0	1453.42	-502.57	-301.54	931.42	754.14	1111.53
			36	1466.32	-502.57	36.34	962.49	339.76	1174.46
			73	1479.55	-502.57	386.59	1000.44	-97.29	1236.86
32	Fond.	7, 11	0	1715.53	-361.44	386.31	260.21	-162.09	1009.10
			36	1729.15	-361.44	483.00	304.38	-539.20	1071.45
			73	1743.16	-361.44	596.48	353.43	-938.72	1132.35
33	Fond.	8, 12	0	-965.21	-149.56	-1206.47	741.82	234.08	590.74
			203	-685.13	-149.53	-314.48	266.05	-372.50	-63.79
			405	-410.08	-149.51	-198.32	8.09	853.12	-1248.30
34	Fond.	15, 9	0	661.44	4.60	144.91	383.80	773.66	6.45
			50	1023.39	4.60	141.56	185.44	742.79	110.87
			100	1385.80	4.60	43.65	6.08	668.18	182.72
35	Fond.	15, 9	0	645.55	42.80	43.08	421.64	645.00	131.65
			50	1008.41	42.80	67.65	260.42	566.56	178.47
			100	1371.73	42.80	15.85	116.81	469.58	206.81
36	Fond.	15, 9	0	563.64	74.74	15.31	419.57	446.68	170.77
			50	927.39	74.74	47.23	293.17	357.00	186.15
			100	1291.55	74.74	20.02	183.66	261.95	192.93
37	Fond.	15, 9	0	434.25	84.16	19.50	387.96	241.81	181.72
			50	798.80	84.16	43.69	295.03	150.41	183.18
			100	1163.70	84.16	25.35	218.36	59.15	181.46
38	Fond.	15, 9	0	242.02	67.22	24.85	353.45	40.11	184.69
			50	607.24	67.22	39.60	292.75	-51.37	180.89
			100	972.73	67.22	27.83	247.72	-140.44	174.98
39	Fond.	15, 9	0	-24.72	18.22	27.34	322.64	-161.31	200.72
			50	340.99	18.22	34.29	292.98	-259.57	191.61
			100	706.84	18.22	30.13	278.42	-352.04	177.10
40	Fond.	15, 9	0	-373.54	-62.40	29.66	278.26	-378.08	216.53
			50	-7.61	-62.39	21.83	278.54	-480.99	193.27
			100	358.31	-62.39	17.80	293.42	-569.15	156.70
41	Fond.	15, 9	0	-800.25	-185.06	17.34	158.49	-601.40	253.09
			50	-434.42	-185.06	-43.05	187.85	-714.99	197.50
			100	-68.79	-185.06	-85.05	231.82	-794.60	115.87
42	Fond.	10, 11	0	478.46	182.86	-149.17	264.46	-564.94	-601.04
			45	552.19	182.86	-63.87	249.78	-298.68	-583.81
			90	626.12	182.86	19.77	257.53	-38.03	-576.49
43	Fond.	10, 11	0	-629.29	183.47	18.98	264.93	43.60	-575.46
			45	-555.36	183.47	114.52	295.23	303.00	-579.27
			90	-481.63	183.47	228.80	347.69	566.42	-592.94
44	Fond.	10, 13	0	-1902.99	-40.60	-370.19	299.11	-330.84	-217.69

RELAZIONE DI CALCOLO -

			47	-1925.58	-40.60	-227.09	269.36	-245.86	-144.77
			94	-1948.94	-40.61	-98.83	235.12	-192.98	-81.71
45	Fond.	10, 13	0	-1256.18	-17.39	-98.72	137.67	-170.44	-140.83
			47	-1280.17	-17.39	-33.02	100.11	-116.70	-89.55
			94	-1304.67	-17.40	14.52	59.69	-84.08	-51.34
46	Fond.	10, 13	0	-714.75	-27.70	14.61	28.12	-75.05	-45.16
			47	-739.65	-27.70	27.77	-15.08	-60.07	-20.92
			94	-764.85	-27.71	20.02	-61.21	-53.07	-11.28
47	Fond.	10, 13	0	-308.41	-43.52	20.12	-0.91	-49.75	-12.65
			47	-333.82	-43.53	18.40	-50.14	-43.12	-18.10
			94	-359.36	-43.53	-7.20	-102.61	-30.29	-39.06
48	Fond.	10, 13	0	7.41	-74.27	-7.09	3.25	-24.99	-15.57
			47	-18.20	-74.28	-8.31	-52.53	-9.63	-52.36
			94	-43.82	-74.28	-36.56	-111.57	26.82	-105.16
49	Fond.	10, 13	0	256.05	-123.48	-36.45	242.14	44.73	-93.98
			47	230.47	-123.49	73.28	179.95	104.53	-162.68
			94	204.99	-123.50	152.93	114.43	200.31	-246.64
50	Fond.	11, 14	0	2089.01	-49.13	415.91	-363.53	-349.00	-221.21
			47	2107.90	-49.14	253.12	-295.11	-262.36	-148.28
			94	2127.62	-49.15	123.03	-223.56	-207.81	-85.30
51	Fond.	11, 14	0	1489.45	-22.11	122.97	-182.99	-184.23	-150.87
			47	1509.89	-22.12	45.85	-109.62	-125.71	-99.88
			94	1530.92	-22.12	3.34	-35.02	-88.08	-62.30
52	Fond.	11, 14	0	981.65	-31.44	3.31	-60.54	-77.87	-54.75
			47	1003.19	-31.44	-16.05	15.11	-58.15	-31.53
			94	1025.12	-31.45	0.31	91.85	-45.85	-23.28
53	Fond.	11, 14	0	588.28	-45.59	0.27	-26.72	-41.13	-24.95
			47	610.53	-45.59	-2.92	51.20	-28.31	-32.13
			94	633.02	-45.60	30.76	130.31	-8.41	-55.07
54	Fond.	11, 14	0	251.80	-73.85	30.73	-29.50	-1.05	-32.69
			47	274.47	-73.86	26.61	50.74	22.85	-71.54
			94	297.25	-73.87	60.47	131.92	68.78	-126.21
55	Fond.	11, 14	0	-59.15	-119.99	60.45	-276.17	89.59	-115.90
			47	-36.32	-120.00	-59.46	-194.29	160.06	-185.96
			94	-13.51	-120.01	-140.66	-111.67	266.94	-270.33
56	Fond.	12, 20	0	781.68	-88.60	93.71	242.86	696.35	81.68
			50	1141.95	-88.60	66.17	225.97	634.35	161.70
			100	1502.72	-88.61	33.47	222.90	538.63	217.68
57	Fond.	12, 20	0	486.48	7.47	33.05	265.67	513.92	131.08
			50	847.70	7.46	23.38	275.99	438.19	169.29
			100	1209.30	7.46	22.02	299.46	346.72	194.89
58	Fond.	12, 20	0	181.17	71.01	21.61	248.69	326.67	157.88
			50	543.08	71.01	9.73	285.13	243.16	175.05
			100	905.23	71.00	19.18	334.41	152.49	186.90
59	Fond.	12, 20	0	-137.28	107.74	18.77	219.63	135.40	164.73
			50	225.04	107.74	-1.40	281.66	50.77	173.35
			100	587.47	107.73	12.57	356.37	-37.59	179.77
60	Fond.	12, 20	0	-462.96	117.10	12.17	192.69	-54.14	176.38
			50	-100.51	117.09	-15.19	280.08	-143.50	180.65
			100	261.90	117.09	4.35	380.18	-234.26	181.72
61	Fond.	12, 20	0	-780.58	102.45	3.94	164.64	-253.08	193.41
			50	-418.30	102.45	-31.00	277.54	-349.02	189.24
			100	-56.19	102.44	-6.20	403.39	-440.92	176.62
62	Fond.	12, 20	0	-1070.94	67.77	-6.61	112.27	-463.30	210.40
			50	-709.09	67.77	-61.06	251.27	-562.81	185.06
			100	-347.55	67.76	-42.53	403.76	-645.35	141.53
63	Fond.	12, 20	0	-1285.97	25.52	-42.97	17.65	-668.64	195.27
			50	-924.80	25.51	-137.64	184.13	-750.40	127.01
			100	-564.05	25.51	-145.24	365.42	-790.30	26.45
64	Fond.	13, 14	0	336.87	84.89	-1014.21	1097.14	148.42	99.95
			90	162.72	84.89	5.28	1038.31	43.93	124.33
			180	-11.19	84.89	1038.37	1127.52	-61.80	103.16
65	Fond.	13, 21	0	379.08	750.51	237.95	-22.09	108.33	-309.80
			45	354.83	750.50	222.93	-88.62	268.29	-403.18
			90	330.71	750.49	176.81	-160.28	472.87	-507.76
66	Fond.	14, 22	0	-277.43	784.57	-225.60	-9.88	247.87	-63.13
			45	-255.68	784.56	-220.74	70.50	296.65	-155.43
			90	-234.03	784.56	-179.13	153.54	389.14	-257.00
67	Fond.	15, 16	0	230.42	-121.11	-13.05	-59.61	-740.20	-1083.58
			48	113.24	-121.12	-41.01	-254.36	-304.12	-759.20
			95	-3.89	-121.12	-160.00	-442.75	-12.47	-475.95
68	Fond.	15, 16	0	440.81	-55.84	-160.24	-119.06	58.31	-640.53

RELAZIONE DI CALCOLO -

			48	323.76	-55.84	-213.38	-300.42	303.68	-399.72
			95	206.85	-55.85	-350.80	-473.46	444.48	-199.78
69	Fond.	15, 16	0	645.25	-17.06	-350.98	579.52	484.50	-313.91
			45	534.65	-17.07	-81.14	424.97	589.71	-159.02
			90	424.24	-17.07	121.38	280.77	632.00	-33.48
70	Fond.	15, 16	0	433.11	-17.07	121.38	280.77	632.00	-33.48
			45	322.85	-17.08	261.28	146.81	623.51	67.47
			90	212.71	-17.08	342.96	21.92	574.20	148.74
71	Fond.	15, 16	0	321.88	11.15	342.85	-276.45	550.28	120.45
			39	227.42	11.14	254.11	-377.79	492.31	178.06
			77	133.02	11.14	127.05	-474.93	413.81	227.22
72	Fond.	15, 16	0	324.22	79.77	126.90	-156.76	404.71	148.87
			39	229.89	79.77	85.88	-250.44	338.75	191.80
			77	135.61	79.76	9.24	-341.09	257.11	230.36
73	Fond.	15, 16	0	298.93	129.17	9.12	-36.95	252.76	185.43
			39	204.71	129.17	15.48	-124.78	174.17	221.09
			77	110.55	129.17	-11.58	-209.85	82.20	254.91
74	Fond.	15, 16	0	271.61	157.56	-11.70	-112.49	76.62	231.07
			39	177.50	157.55	-33.50	-194.82	-18.97	263.68
			77	83.43	157.55	-86.59	-274.34	-126.95	295.25
75	Fond.	16, 21	0	246.07	171.53	-86.70	-408.37	-130.35	290.35
			30	173.04	171.53	-189.01	-468.03	-221.02	313.92
			60	100.04	171.52	-308.93	-525.61	-318.58	336.25
76	Fond.	16, 21	0	336.96	180.74	-309.07	-694.50	-317.98	297.89
			30	264.00	180.74	-496.57	-749.52	-410.47	318.34
			60	191.07	180.74	-700.13	-801.27	-508.72	336.08
77	Fond.	17, 20	0	-37.97	151.45	84.81	-287.05	78.53	265.24
			40	-131.69	151.45	24.92	-199.48	-21.99	237.15
			80	-225.44	151.46	0.45	-110.01	-110.05	207.95
78	Fond.	17, 20	0	-139.10	120.77	0.38	-197.32	-117.23	232.54
			40	-232.90	120.78	-22.84	-106.00	-204.18	201.88
			80	-326.77	120.78	-9.12	-12.78	-278.43	168.88
79	Fond.	17, 20	0	-216.29	70.53	-9.20	-291.90	-283.73	211.01
			40	-310.23	70.54	-69.41	-196.69	-360.95	174.32
			80	-404.27	70.54	-91.08	-99.30	-422.47	132.18
80	Fond.	17, 20	0	-267.69	0.46	-91.19	-418.91	-432.60	212.51
			40	-361.82	0.47	-201.22	-318.97	-507.96	162.76
			80	-456.05	0.47	-270.62	-215.83	-561.46	102.80
81	Fond.	17, 20	0	-418.37	-26.33	-270.71	-52.79	-586.16	124.11
			45	-524.54	-26.33	-225.00	68.31	-623.98	40.77
			90	-630.89	-26.32	-123.24	196.23	-619.67	-63.93
82	Fond.	17, 20	0	-624.07	-26.32	-123.24	196.23	-619.67	-63.93
			45	-730.65	-26.32	37.91	332.01	-562.54	-194.85
			90	-837.50	-26.31	262.11	475.93	-439.71	-356.62
83	Fond.	17, 20	0	-389.02	-60.52	261.97	-418.76	-404.26	-247.37
			45	-494.89	-60.52	150.98	-269.23	-252.32	-441.48
			89	-600.95	-60.51	107.98	-113.67	-5.96	-672.10
84	Fond.	17, 20	0	-101.88	-119.64	107.78	-381.74	54.62	-523.69
			45	-208.06	-119.64	15.97	-220.87	345.91	-791.74
			89	-314.31	-119.64	-3.12	-55.04	764.59	-1095.80
85	Fond.	22, 17	0	14.19	180.65	738.28	-842.83	412.52	290.02
			30	-56.06	180.66	522.17	-784.61	327.81	274.29
			60	-126.31	180.66	323.96	-723.69	248.16	256.43
86	Fond.	22, 17	0	26.98	168.09	323.85	-555.02	249.64	298.95
			30	-43.28	168.09	194.83	-492.18	162.82	279.65
			60	-113.55	168.09	84.89	-427.88	81.95	259.37
87	Piano 1	2, 18	0	0.00	21.84	289.04	-102.15	0.00	0.00
			188	0.00	21.84	97.50	-102.15	0.00	0.00
			375	0.00	21.84	-94.04	-102.15	0.00	0.00
88	Piano 1	19, 3	0	0.00	-5.49	157.13	-136.97	0.00	0.00
			187	0.00	-5.49	-99.00	-136.97	0.00	0.00
			374	0.00	-5.49	-355.14	-136.97	0.00	0.00
89	Piano 1	5, 6	0	0.00	-13.38	244.38	-161.75	0.00	0.00
			188	0.00	-13.38	-59.87	-161.75	0.00	0.00
			376	0.00	-13.38	-364.13	-161.75	0.00	0.00
90	Piano 1	9, 5	0	0.00	10.02	143.83	-20.95	0.00	0.00
			213	0.00	10.02	99.30	-20.95	0.00	0.00
			425	0.00	10.02	54.77	-20.95	0.00	0.00
91	Piano 1	6, 7	0	0.00	98.85	-385.69	483.99	0.00	0.00
			90	0.00	98.85	49.89	483.99	0.00	0.00
			180	0.00	98.85	485.48	483.99	0.00	0.00
92	Piano 1	6, 18	0	0.00	-122.52	-141.41	109.39	0.00	0.00

RELAZIONE DI CALCOLO -

			115	0.00	-122.52	-15.61	109.39	0.00	0.00
			230	0.00	-122.52	110.19	109.39	0.00	0.00
93	Piano 1	7, 8	0	0.00	-57.11	500.24	-229.62	0.00	0.00
			198	0.00	-57.11	46.57	-229.62	0.00	0.00
			395	0.00	-57.11	-407.10	-229.62	0.00	0.00
94	Piano 1	7, 19	0	0.00	-115.63	194.17	-144.21	0.00	0.00
			115	0.00	-115.63	28.32	-144.21	0.00	0.00
			230	0.00	-115.63	-137.52	-144.21	0.00	0.00
95	Piano 1	8, 12	0	0.00	4.45	-230.55	45.15	0.00	0.00
			203	0.00	4.45	-139.10	45.15	0.00	0.00
			405	0.00	4.45	-47.65	45.15	0.00	0.00
96	Piano 1	18, 19	0	0.00	132.03	28.48	7.24	0.00	0.00
			90	0.00	132.03	34.99	7.24	0.00	0.00
			180	0.00	132.03	41.51	7.24	0.00	0.00
97	Piano 2	2, 18	0	0.00	6.31	221.97	-87.62	0.00	0.00
			188	0.00	6.31	57.67	-87.62	0.00	0.00
			375	0.00	6.31	-106.62	-87.62	0.00	0.00
98	Piano 2	19, 3	0	0.00	-31.63	152.75	-132.42	0.00	0.00
			187	0.00	-31.63	-94.88	-132.42	0.00	0.00
			374	0.00	-31.63	-342.51	-132.42	0.00	0.00
99	Piano 2	5, 6	0	0.00	-39.09	300.00	-194.24	0.00	0.00
			188	0.00	-39.09	-65.36	-194.24	0.00	0.00
			376	0.00	-39.09	-430.72	-194.24	0.00	0.00
100	Piano 2	9, 5	0	0.00	-1.48	-46.41	59.01	0.00	0.00
			213	0.00	-1.48	79.01	59.01	0.00	0.00
			425	0.00	-1.48	204.42	59.01	0.00	0.00
101	Piano 2	6, 7	0	0.00	80.77	-495.86	571.78	0.00	0.00
			90	0.00	80.77	18.74	571.78	0.00	0.00
			180	0.00	80.77	533.34	571.78	0.00	0.00
102	Piano 2	6, 18	0	0.00	-102.64	-154.03	116.77	0.00	0.00
			115	0.00	-102.64	-19.74	116.77	0.00	0.00
			230	0.00	-102.64	114.54	116.77	0.00	0.00
103	Piano 2	7, 8	0	0.00	-88.85	644.73	-298.45	0.00	0.00
			198	0.00	-88.85	55.10	-298.45	0.00	0.00
			395	0.00	-88.85	-534.54	-298.45	0.00	0.00
104	Piano 2	7, 19	0	0.00	-104.26	219.13	-161.57	0.00	0.00
			115	0.00	-104.26	33.33	-161.57	0.00	0.00
			230	0.00	-104.26	-152.48	-161.57	0.00	0.00
105	Piano 2	8, 12	0	0.00	-8.19	-359.11	122.35	0.00	0.00
			203	0.00	-8.19	-111.27	122.35	0.00	0.00
			405	0.00	-8.19	136.56	122.35	0.00	0.00
106	Piano 2	13, 16	0	0.00	5.29	-6.35	6.87	0.00	0.00
			75	0.00	5.29	-1.20	6.87	0.00	0.00
			150	0.00	5.29	3.95	6.87	0.00	0.00
107	Piano 2	17, 14	0	0.00	-4.73	3.84	-6.82	0.00	0.00
			75	0.00	-4.73	-1.27	-6.82	0.00	0.00
			150	0.00	-4.73	-6.38	-6.82	0.00	0.00
108	Piano 2	18, 19	0	0.00	120.85	-3.98	29.15	0.00	0.00
			90	0.00	120.85	22.25	29.15	0.00	0.00
			180	0.00	120.85	48.49	29.15	0.00	0.00
109	Piano 3	5, 6	0	0.00	-0.14	67.87	-25.25	0.00	0.00
			188	0.00	-0.14	20.37	-25.25	0.00	0.00
			376	0.00	-0.14	-27.13	-25.25	0.00	0.00
110	Piano 3	9, 5	0	0.00	5.45	-11.83	13.53	0.00	0.00
			213	0.00	5.45	16.92	13.53	0.00	0.00
			425	0.00	5.45	45.67	13.53	0.00	0.00
111	Piano 3	8, 7	0	0.00	7.02	-98.29	64.76	0.00	0.00
			198	0.00	7.02	29.65	64.76	0.00	0.00
			395	0.00	7.02	157.59	64.76	0.00	0.00
112	Piano 3	8, 12	0	0.00	16.47	-34.54	10.77	0.00	0.00
			203	0.00	16.47	-12.72	10.77	0.00	0.00
			405	0.00	16.47	9.09	10.77	0.00	0.00
113	Piano 3	13, 16	0	-2248.15	10.15	3.04	9.36	-46.26	-63.93
			78	-2248.15	10.15	10.30	9.36	3.36	-63.93
			155	-2248.15	10.15	17.57	9.36	52.99	-63.93
114	Piano 3	14, 17	0	-558.50	-6.44	-9.41	9.31	4.20	4.14
			76	-558.50	-6.44	-2.37	9.31	1.07	4.14
			151	-558.50	-6.44	4.68	9.31	-2.07	4.14

4.1.6 Risultati Condizioni (Torsione Accidentale Y).

4.1.6.1 Cinematismi nodali

Tabella 11.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0466	-0.0617	-0.0103	-0.000029	0.000001	-0.000148
2	0.0464	-0.0164	-0.0226	-0.000064	-0.000056	-0.000114
3	0.0424	0.0155	0.0287	0.000063	-0.000066	-0.000104
4	0.0426	0.0607	0.0078	0.000028	-0.000029	-0.000137
5	0.0135	-0.0164	-0.0053	-0.000065	0.000007	-0.000087
6	0.0149	-0.0037	-0.0005	-0.000022	-0.000013	-0.000016
7	0.0149	0.0030	-0.0032	0.000021	-0.000001	-0.000017
8	0.0132	0.0177	0.0102	0.000070	0.000009	-0.000085
9	0.0164	-0.0618	-0.0043	-0.000026	-0.000015	-0.000115
10	0.0138	-0.0040	0.0024	-0.000012	-0.000046	-0.000028
11	0.0138	0.0033	-0.0059	0.000010	-0.000044	-0.000028
12	0.0159	0.0609	0.0020	0.000024	-0.000039	-0.000105
13	-0.0164	-0.0046	0.0060	-0.000008	-0.000067	-0.000053
14	-0.0163	0.0041	-0.0075	0.000003	-0.000066	-0.000048
15	-0.0209	-0.0611	0.0176	-0.000034	-0.000012	-0.000138
16	-0.0206	-0.0068	0.0085	-0.000028	-0.000009	-0.000008
17	-0.0198	0.0058	-0.0091	0.000023	-0.000006	-0.000006
18	-0.0202	0.0609	-0.0160	0.000027	-0.000011	-0.000137
19	-0.0205	-0.0045	0.0070	-0.000013	-0.000020	-0.000035
20	-0.0198	0.0041	-0.0080	0.000008	-0.000018	-0.000028
21	0.0663	-0.0738	-0.0107	-0.000037	-0.000012	-0.000082
22	0.0663	-0.0391	-0.0210	-0.000039	-0.000001	-0.000082
23	0.0663	0.0370	0.0269	0.000034	0.000008	-0.000082
24	0.0663	0.0718	0.0080	0.000032	-0.000038	-0.000082
25	0.0450	-0.0391	-0.0093	0.000001	0.000015	-0.000082
26	0.0475	-0.0083	0.0005	-0.000014	-0.000017	-0.000082
27	0.0475	0.0064	-0.0047	0.000030	-0.000004	-0.000082
28	0.0450	0.0387	0.0153	-0.000027	0.000019	-0.000082
29	0.0475	-0.0738	-0.0046	-0.000005	-0.000047	-0.000082
30	0.0356	-0.0083	0.0023	-0.000008	-0.000048	-0.000082
31	0.0356	0.0064	-0.0059	0.000004	-0.000048	-0.000082
32	0.0475	0.0718	0.0020	-0.000029	-0.000063	-0.000082
33	-0.0107	-0.0083	0.0063	0.000000	-0.000014	-0.000082
34	-0.0107	0.0064	-0.0079	0.000000	-0.000014	-0.000082
35	-0.0181	-0.0738	0.0178	-0.000036	-0.000010	-0.000082
36	-0.0181	-0.0182	0.0085	-0.000023	0.000000	-0.000082
37	-0.0181	0.0162	-0.0089	0.000024	0.000000	-0.000082
38	0.0663	-0.0083	-0.0048	-0.000019	0.000052	-0.000082
39	0.0663	0.0064	0.0054	0.000039	0.000061	-0.000082
40	-0.0181	0.0718	-0.0161	0.000031	-0.000010	-0.000082
41	-0.0181	-0.0083	0.0075	-0.000013	-0.000009	-0.000082
42	-0.0181	0.0064	-0.0085	0.000008	-0.000006	-0.000082
43	0.0819	-0.0848	-0.0099	-0.000021	-0.000005	-0.000094
44	0.0819	-0.0451	-0.0170	-0.000008	0.000014	-0.000094
45	0.0819	0.0419	0.0255	0.000022	-0.000001	-0.000094
46	0.0819	0.0816	0.0076	0.000050	-0.000063	-0.000094
47	0.0575	-0.0451	-0.0135	0.000043	0.000020	-0.000094
48	0.0603	-0.0100	0.0009	0.000004	-0.000013	-0.000094
49	0.0603	0.0069	-0.0049	0.000040	-0.000008	-0.000094
50	0.0575	0.0438	0.0191	-0.000048	0.000017	-0.000094
51	0.0603	-0.0848	-0.0048	0.000048	-0.000029	-0.000094
52	0.0467	-0.0100	0.0019	-0.000005	-0.000029	-0.000094
53	0.0467	0.0069	-0.0056	0.000002	-0.000029	-0.000094
54	0.0603	0.0816	0.0015	-0.000061	-0.000047	-0.000094
55	-0.0062	-0.0100	0.0060	-0.000024	-0.000002	-0.000094
56	-0.0062	0.0069	-0.0082	0.000002	-0.000007	-0.000094
57	-0.0146	-0.0848	0.0180	-0.000061	-0.000006	-0.000094
58	-0.0146	-0.0212	0.0083	-0.000025	-0.000001	-0.000094
59	-0.0146	0.0181	-0.0092	0.000001	-0.000008	-0.000094
60	0.0819	-0.0100	-0.0005	-0.000002	0.000045	-0.000094
61	0.0819	0.0069	0.0078	0.000051	0.000051	-0.000094
62	-0.0146	0.0816	-0.0145	0.000019	-0.000006	-0.000094
63	-0.0146	0.0069	-0.0088	0.000001	0.000001	-0.000094
64	0.0844	-0.0872	-0.0091	-0.000002	-0.000005	-0.000096
65	0.0844	-0.0465	-0.0149	0.000001	0.000000	-0.000096

66	0.0844	0.0428	0.0256	0.000032	-0.000121	-0.000096
67	0.0844	0.0835	0.0076	0.000064	-0.000088	-0.000096
68	0.0594	-0.0465	-0.0145	0.000311	0.000008	-0.000096
69	0.0623	-0.0105	0.0016	0.000311	0.000019	-0.000096
70	0.0623	0.0068	-0.0052	-0.000648	-0.000008	-0.000096
71	0.0594	0.0447	0.0192	-0.000643	0.000009	-0.000096
72	0.0623	-0.0872	-0.0052	0.000306	-0.000003	-0.000096
73	0.0483	-0.0105	0.0020	0.000000	0.000001	-0.000096
74	0.0483	0.0068	-0.0058	0.000000	-0.000001	-0.000096
75	0.0623	0.0835	0.0013	-0.000627	0.000001	-0.000096
76	-0.0060	-0.0105	0.0062	-0.000013	-0.000005	-0.000096
77	-0.0060	0.0068	-0.0085	0.000005	-0.000003	-0.000096
78	-0.0146	-0.0872	0.0182	-0.000087	0.000002	-0.000096
79	-0.0146	-0.0220	0.0082	-0.000018	-0.000004	-0.000096
80	-0.0146	0.0184	-0.0095	0.000004	-0.000005	-0.000096
81	-0.0146	0.0835	-0.0128	0.000002	0.000000	-0.000096
82	-0.0146	0.0068	-0.0089	0.000000	0.000001	-0.000096
83	0.0655	-0.0713	-0.0105	-0.000039	-0.000025	-0.000118
84	0.0467	-0.0558	-0.0101	-0.000033	0.000006	-0.000146
85	0.0467	-0.0414	-0.0098	-0.000045	-0.000012	-0.000113
86	0.0663	-0.0705	-0.0113	-0.000047	0.000000	-0.000082
87	0.0663	-0.0615	-0.0088	-0.000050	0.000000	-0.000082
88	0.0634	0.0695	0.0079	0.000035	-0.000053	-0.000102
89	0.0426	0.0403	0.0121	0.000045	-0.000039	-0.000115
90	0.0426	0.0545	0.0090	0.000033	-0.000026	-0.000140
91	0.0663	0.0591	0.0124	0.000037	0.000000	-0.000082
92	0.0663	0.0682	0.0097	0.000038	0.000000	-0.000082
93	-0.0208	-0.0321	0.0150	-0.000046	-0.000019	-0.000140
94	-0.0207	-0.0137	0.0114	-0.000048	-0.000015	-0.000062
95	-0.0181	-0.0582	0.0155	-0.000042	0.000000	-0.000082
96	-0.0181	-0.0435	0.0118	-0.000054	0.000000	-0.000082
97	-0.0199	0.0139	-0.0111	0.000041	-0.000011	-0.000069
98	-0.0201	0.0335	-0.0139	0.000038	-0.000015	-0.000146
99	-0.0181	0.0424	-0.0116	0.000055	0.000000	-0.000082
100	-0.0181	0.0572	-0.0139	0.000049	0.000000	-0.000082
101	0.0813	-0.0835	-0.0101	-0.000038	-0.000030	-0.000095
102	0.0819	-0.0811	-0.0104	-0.000023	0.000000	-0.000094
103	0.0819	-0.0708	-0.0105	-0.000016	0.000000	-0.000094
104	0.0819	0.0672	0.0134	0.000048	0.000000	-0.000094
105	0.0819	0.0775	0.0094	0.000051	0.000000	-0.000094
106	0.0801	0.0803	0.0077	0.000029	-0.000039	-0.000102
107	-0.0146	-0.0502	0.0124	-0.000048	0.000000	-0.000094
108	-0.0146	-0.0605	0.0142	-0.000054	0.000000	-0.000094
109	-0.0181	-0.0525	0.0144	-0.000050	0.000000	-0.000082
110	-0.0146	0.0537	-0.0121	0.000004	0.000000	-0.000094
111	-0.0146	0.0640	-0.0129	0.000009	0.000000	-0.000094
112	-0.0181	0.0474	-0.0123	0.000062	0.000000	-0.000082
113	-0.0181	0.0564	-0.0138	0.000051	0.000000	-0.000082
114	0.0663	-0.0660	-0.0097	-0.000056	0.000000	-0.000082
115	0.0663	-0.0540	-0.0124	-0.000044	0.000000	-0.000082
116	0.0663	-0.0465	-0.0167	-0.000042	0.000000	-0.000082
117	0.0467	-0.0481	-0.0097	-0.000039	0.000006	-0.000133
118	0.0466	-0.0324	-0.0126	-0.000054	-0.000045	-0.000085
119	0.0465	-0.0250	-0.0174	-0.000061	-0.000057	-0.000081
120	0.0595	-0.0682	-0.0101	-0.000032	-0.000098	-0.000135
121	0.0509	-0.0650	-0.0101	-0.000039	-0.000089	-0.000142
122	0.0619	-0.0342	-0.0219	-0.000068	-0.000084	-0.000092
123	0.0568	-0.0286	-0.0225	-0.000061	-0.000043	-0.000101
124	0.0517	-0.0226	-0.0227	-0.000076	-0.000070	-0.000112
125	0.0538	-0.0738	-0.0065	0.000000	-0.000061	-0.000082
126	0.0600	-0.0738	-0.0085	0.000000	-0.000042	-0.000082
127	0.0256	-0.0618	-0.0063	-0.000025	-0.000014	-0.000124
128	0.0356	-0.0618	-0.0082	-0.000026	-0.000009	-0.000138
129	0.0403	-0.0708	-0.0045	0.000000	-0.000113	-0.000089
130	0.0303	-0.0678	-0.0045	0.000000	-0.000114	-0.000095
131	0.0212	-0.0648	-0.0044	0.000000	-0.000093	-0.000102
132	0.0592	-0.0391	-0.0170	0.000000	-0.000065	-0.000082
133	0.0521	-0.0391	-0.0131	0.000000	-0.000057	-0.000082
134	0.0350	-0.0164	-0.0170	-0.000066	-0.000041	-0.000141
135	0.0231	-0.0164	-0.0112	-0.000068	-0.000021	-0.000129
136	0.0397	-0.0341	-0.0077	0.000000	-0.000129	-0.000066
137	0.0281	-0.0286	-0.0065	0.000000	-0.000134	-0.000109

138	0.0177	-0.0226	-0.0057	0.000000	-0.000101	-0.000122
139	0.0663	0.0444	0.0220	0.000035	0.000000	-0.000082
140	0.0663	0.0518	0.0171	0.000034	0.000000	-0.000082
141	0.0663	0.0637	0.0109	0.000045	0.000000	-0.000082
142	0.0425	0.0236	0.0226	0.000060	-0.000068	-0.000081
143	0.0426	0.0311	0.0167	0.000054	-0.000061	-0.000089
144	0.0426	0.0470	0.0104	0.000039	-0.000026	-0.000131
145	0.0611	0.0326	0.0279	0.000063	-0.000105	-0.000090
146	0.0549	0.0274	0.0286	0.000058	-0.000049	-0.000097
147	0.0488	0.0216	0.0289	0.000074	-0.000084	-0.000104
148	0.0565	0.0666	0.0076	0.000029	-0.000093	-0.000115
149	0.0481	0.0637	0.0076	0.000037	-0.000087	-0.000127
150	0.0521	0.0381	0.0191	-0.000004	-0.000053	-0.000082
151	0.0592	0.0376	0.0230	-0.000005	-0.000065	-0.000082
152	0.0219	0.0171	0.0166	0.000072	-0.000023	-0.000114
153	0.0324	0.0163	0.0228	0.000066	-0.000047	-0.000123
154	0.0396	0.0341	0.0134	-0.000010	-0.000124	-0.000064
155	0.0280	0.0293	0.0120	-0.000010	-0.000130	-0.000102
156	0.0174	0.0239	0.0110	-0.000008	-0.000099	-0.000115
157	0.0600	0.0718	0.0059	0.000000	-0.000054	-0.000082
158	0.0538	0.0718	0.0039	0.000000	-0.000065	-0.000082
159	0.0327	0.0608	0.0057	0.000025	-0.000036	-0.000121
160	0.0240	0.0608	0.0039	0.000024	-0.000039	-0.000107
161	0.0401	0.0690	0.0020	0.000000	-0.000104	-0.000086
162	0.0307	0.0663	0.0020	0.000000	-0.000110	-0.000089
163	0.0218	0.0636	0.0020	0.000000	-0.000093	-0.000093
164	0.0415	-0.0083	0.0015	0.000000	-0.000053	-0.000082
165	0.0146	-0.0038	0.0012	-0.000021	-0.000032	0.000000
166	0.0418	-0.0074	0.0006	0.000000	-0.000109	-0.000082
167	0.0315	-0.0064	0.0004	0.000000	-0.000124	-0.000038
168	0.0207	-0.0052	0.0001	0.000000	-0.000117	-0.000005
169	0.0303	-0.0074	0.0025	-0.000012	-0.000070	-0.000073
170	0.0247	-0.0064	0.0026	-0.000010	-0.000059	-0.000058
171	0.0191	-0.0053	0.0026	-0.000015	-0.000071	-0.000037
172	0.0415	0.0064	-0.0054	0.000000	-0.000051	-0.000082
173	0.0146	0.0031	-0.0048	0.000020	-0.000026	0.000001
174	0.0303	0.0058	-0.0062	0.000008	-0.000070	-0.000073
175	0.0247	0.0051	-0.0062	0.000007	-0.000059	-0.000058
176	0.0190	0.0043	-0.0062	0.000011	-0.000072	-0.000036
177	0.0421	0.0058	-0.0047	0.000000	-0.000113	-0.000086
178	0.0314	0.0051	-0.0045	0.000000	-0.000128	-0.000037
179	0.0203	0.0043	-0.0040	0.000000	-0.000120	-0.000002
180	-0.0099	-0.0738	0.0146	0.000000	-0.000010	-0.000082
181	-0.0017	-0.0738	0.0115	0.000000	-0.000015	-0.000082
182	0.0065	-0.0738	0.0085	0.000000	-0.000026	-0.000082
183	0.0147	-0.0738	0.0057	0.000000	-0.000041	-0.000082
184	0.0229	-0.0738	0.0030	0.000000	-0.000056	-0.000082
185	0.0311	-0.0738	0.0004	0.000000	-0.000068	-0.000082
186	0.0393	-0.0738	-0.0021	0.000000	-0.000072	-0.000082
187	-0.0098	-0.0613	0.0144	-0.000031	-0.000012	-0.000084
188	-0.0036	-0.0615	0.0114	-0.000029	-0.000015	-0.000043
189	-0.0006	-0.0616	0.0086	-0.000028	-0.000020	-0.000018
190	0.0005	-0.0617	0.0058	-0.000027	-0.000026	-0.000007
191	0.0012	-0.0618	0.0032	-0.000026	-0.000030	-0.000010
192	0.0031	-0.0619	0.0006	-0.000025	-0.000032	-0.000029
193	0.0076	-0.0619	-0.0019	-0.000024	-0.000027	-0.000064
194	-0.0188	-0.0707	0.0177	-0.000036	-0.000007	-0.000089
195	-0.0195	-0.0676	0.0177	-0.000035	-0.000007	-0.000106
196	-0.0201	-0.0644	0.0176	-0.000040	-0.000006	-0.000128
197	0.0356	-0.0010	-0.0018	-0.000002	0.000000	-0.000082
198	0.0139	-0.0003	-0.0018	-0.000001	-0.000047	-0.000048
199	0.0279	-0.0083	0.0029	0.000000	-0.000043	-0.000082
200	0.0202	-0.0083	0.0035	0.000000	-0.000035	-0.000082
201	0.0125	-0.0083	0.0042	0.000000	-0.000028	-0.000082
202	0.0047	-0.0083	0.0048	0.000000	-0.000023	-0.000082
203	-0.0030	-0.0083	0.0055	0.000000	-0.000019	-0.000082
204	0.0103	-0.0043	0.0032	-0.000006	-0.000048	-0.000045
205	0.0056	-0.0044	0.0038	-0.000005	-0.000049	-0.000053
206	0.0004	-0.0045	0.0043	-0.000006	-0.000051	-0.000058
207	-0.0052	-0.0046	0.0049	-0.000006	-0.000054	-0.000060
208	-0.0109	-0.0046	0.0054	-0.000006	-0.000059	-0.000061
209	-0.0118	-0.0073	0.0064	0.000000	-0.000012	-0.000078

210	-0.0129	-0.0064	0.0064	0.000000	-0.000012	-0.000078
211	-0.0135	-0.0054	0.0063	0.000000	-0.000003	-0.000077
212	-0.0030	0.0064	-0.0076	0.000000	-0.000019	-0.000082
213	0.0047	0.0064	-0.0073	0.000000	-0.000024	-0.000082
214	0.0125	0.0064	-0.0070	0.000000	-0.000029	-0.000082
215	0.0202	0.0064	-0.0066	0.000000	-0.000035	-0.000082
216	0.0279	0.0064	-0.0063	0.000000	-0.000043	-0.000082
217	-0.0112	0.0041	-0.0073	0.000001	-0.000058	-0.000059
218	-0.0055	0.0041	-0.0072	0.000002	-0.000054	-0.000061
219	0.0001	0.0040	-0.0069	0.000002	-0.000051	-0.000059
220	0.0055	0.0038	-0.0067	0.000002	-0.000049	-0.000055
221	0.0103	0.0036	-0.0065	0.000003	-0.000047	-0.000046
222	-0.0118	0.0058	-0.0080	0.000000	-0.000011	-0.000077
223	-0.0128	0.0052	-0.0079	0.000000	-0.000011	-0.000075
224	-0.0134	0.0046	-0.0077	0.000000	-0.000004	-0.000071
225	0.0393	0.0718	-0.0004	0.000000	-0.000071	-0.000082
226	0.0311	0.0718	-0.0027	0.000000	-0.000065	-0.000082
227	0.0229	0.0718	-0.0049	0.000000	-0.000053	-0.000082
228	0.0147	0.0718	-0.0070	0.000000	-0.000038	-0.000082
229	0.0065	0.0718	-0.0091	0.000000	-0.000024	-0.000082
230	-0.0017	0.0718	-0.0113	0.000000	-0.000013	-0.000082
231	-0.0099	0.0718	-0.0136	0.000000	-0.000007	-0.000082
232	0.0078	0.0610	-0.0003	0.000023	-0.000045	-0.000060
233	0.0035	0.0612	-0.0025	0.000022	-0.000044	-0.000028
234	0.0017	0.0612	-0.0047	0.000022	-0.000039	-0.000011
235	0.0009	0.0613	-0.0069	0.000021	-0.000032	-0.000007
236	-0.0002	0.0613	-0.0090	0.000022	-0.000024	-0.000017
237	-0.0031	0.0612	-0.0112	0.000022	-0.000017	-0.000043
238	-0.0092	0.0611	-0.0135	0.000024	-0.000012	-0.000083
239	-0.0187	0.0691	-0.0161	0.000031	-0.000005	-0.000092
240	-0.0192	0.0665	-0.0160	0.000029	-0.000005	-0.000108
241	-0.0196	0.0637	-0.0160	0.000036	-0.000003	-0.000129
242	-0.0187	-0.0073	0.0074	-0.000011	-0.000006	-0.000074
243	-0.0193	-0.0064	0.0074	-0.000012	-0.000009	-0.000065
244	-0.0198	-0.0055	0.0073	-0.000011	-0.000001	-0.000060
245	-0.0185	0.0058	-0.0085	0.000007	-0.000004	-0.000072
246	-0.0189	0.0052	-0.0084	0.000008	-0.000007	-0.000061
247	-0.0192	0.0046	-0.0083	0.000007	0.000000	-0.000053
248	-0.0181	-0.0660	0.0167	-0.000038	0.000000	-0.000082
249	-0.0181	-0.0480	0.0130	-0.000056	0.000000	-0.000082
250	-0.0181	-0.0372	0.0108	-0.000044	0.000000	-0.000082
251	-0.0181	-0.0308	0.0100	-0.000037	0.000000	-0.000082
252	-0.0181	-0.0245	0.0092	-0.000029	0.000000	-0.000082
253	-0.0208	-0.0466	0.0165	-0.000042	-0.000013	-0.000160
254	-0.0207	-0.0211	0.0130	-0.000047	-0.000022	-0.000103
255	-0.0206	-0.0100	0.0104	-0.000047	-0.000010	-0.000035
256	-0.0206	-0.0081	0.0098	-0.000043	-0.000008	-0.000016
257	-0.0206	-0.0073	0.0092	-0.000036	-0.000008	-0.000007
258	-0.0187	-0.0158	0.0085	-0.000031	0.000000	-0.000068
259	-0.0193	-0.0129	0.0085	-0.000037	0.000000	-0.000045
260	-0.0199	-0.0096	0.0085	-0.000037	0.000000	-0.000022
261	-0.0181	-0.0133	0.0080	-0.000017	0.000000	-0.000082
262	-0.0206	-0.0061	0.0079	-0.000021	-0.000012	-0.000017
263	-0.0181	0.0228	-0.0095	0.000033	0.000000	-0.000082
264	-0.0181	0.0293	-0.0102	0.000043	0.000000	-0.000082
265	-0.0181	0.0359	-0.0108	0.000050	0.000000	-0.000082
266	-0.0181	0.0519	-0.0131	0.000061	0.000000	-0.000082
267	-0.0181	0.0645	-0.0149	0.000040	0.000000	-0.000082
268	-0.0198	0.0063	-0.0095	0.000031	-0.000005	-0.000008
269	-0.0198	0.0073	-0.0100	0.000037	-0.000005	-0.000019
270	-0.0199	0.0096	-0.0104	0.000041	-0.000007	-0.000040
271	-0.0200	0.0220	-0.0124	0.000040	-0.000017	-0.000110
272	-0.0202	0.0474	-0.0150	0.000034	-0.000011	-0.000161
273	-0.0185	0.0139	-0.0090	0.000029	0.000000	-0.000065
274	-0.0189	0.0112	-0.0091	0.000034	0.000000	-0.000042
275	-0.0193	0.0083	-0.0091	0.000033	0.000000	-0.000020
276	-0.0181	0.0113	-0.0087	0.000015	0.000000	-0.000082
277	-0.0198	0.0053	-0.0087	0.000016	-0.000009	-0.000013
278	0.0819	-0.0759	-0.0104	-0.000019	0.000000	-0.000094
279	0.0819	-0.0622	-0.0124	-0.000013	0.000000	-0.000094
280	0.0819	-0.0537	-0.0149	-0.000011	0.000000	-0.000094
281	0.0768	-0.0803	-0.0103	-0.000033	-0.000066	-0.000089

282	0.0705	-0.0771	-0.0105	-0.000036	-0.000075	-0.000078
283	0.0787	-0.0444	-0.0182	-0.000010	-0.000080	-0.000086
284	0.0749	-0.0432	-0.0192	-0.000021	-0.000022	-0.000085
285	0.0706	-0.0414	-0.0201	-0.000024	-0.000093	-0.000085
286	0.0675	-0.0848	-0.0065	0.000000	-0.000024	-0.000094
287	0.0747	-0.0848	-0.0082	0.000000	-0.000017	-0.000094
288	0.0580	-0.0822	-0.0047	0.000000	-0.000031	-0.000090
289	0.0553	-0.0794	-0.0047	0.000000	-0.000040	-0.000084
290	0.0516	-0.0766	-0.0046	0.000000	-0.000056	-0.000081
291	0.0738	-0.0451	-0.0159	0.000000	-0.000025	-0.000094
292	0.0656	-0.0451	-0.0146	0.000000	-0.000017	-0.000094
293	0.0564	-0.0444	-0.0130	0.000000	-0.000047	-0.000079
294	0.0523	-0.0432	-0.0121	0.000000	-0.000058	-0.000090
295	0.0473	-0.0414	-0.0109	0.000000	-0.000069	-0.000107
296	0.0819	0.0503	0.0214	0.000031	0.000000	-0.000094
297	0.0819	0.0588	0.0172	0.000040	0.000000	-0.000094
298	0.0819	0.0724	0.0114	0.000052	0.000000	-0.000094
299	0.0782	0.0410	0.0253	0.000004	-0.000081	-0.000089
300	0.0744	0.0402	0.0255	0.000017	-0.000019	-0.000085
301	0.0703	0.0389	0.0261	0.000016	-0.000093	-0.000083
302	0.0757	0.0774	0.0078	0.000031	-0.000056	-0.000091
303	0.0706	0.0746	0.0079	0.000030	-0.000056	-0.000080
304	0.0656	0.0432	0.0207	-0.000003	-0.000038	-0.000094
305	0.0738	0.0425	0.0228	-0.000005	-0.000063	-0.000094
306	0.0558	0.0428	0.0188	-0.000004	-0.000053	-0.000075
307	0.0515	0.0419	0.0182	-0.000004	-0.000053	-0.000087
308	0.0470	0.0406	0.0171	-0.000005	-0.000060	-0.000107
309	0.0747	0.0816	0.0054	0.000000	-0.000051	-0.000094
310	0.0675	0.0816	0.0034	0.000000	-0.000038	-0.000094
311	0.0575	0.0791	0.0017	0.000000	-0.000028	-0.000087
312	0.0550	0.0767	0.0018	0.000000	-0.000036	-0.000081
313	0.0518	0.0742	0.0019	0.000000	-0.000047	-0.000081
314	0.0535	-0.0100	0.0015	0.000000	-0.000026	-0.000094
315	0.0580	-0.0096	0.0011	0.000000	-0.000045	-0.000097
316	0.0544	-0.0093	0.0011	0.000000	-0.000047	-0.000093
317	0.0505	-0.0089	0.0009	0.000000	-0.000056	-0.000074
318	0.0441	-0.0096	0.0018	-0.000004	-0.000036	-0.000091
319	0.0414	-0.0093	0.0019	-0.000005	-0.000036	-0.000088
320	0.0386	-0.0088	0.0020	-0.000005	-0.000033	-0.000085
321	0.0535	0.0069	-0.0054	0.000000	-0.000027	-0.000094
322	0.0441	0.0068	-0.0055	0.000001	-0.000037	-0.000091
323	0.0414	0.0067	-0.0055	0.000001	-0.000036	-0.000087
324	0.0386	0.0066	-0.0057	0.000001	-0.000033	-0.000085
325	0.0581	0.0067	-0.0052	0.000000	-0.000048	-0.000098
326	0.0543	0.0067	-0.0052	0.000000	-0.000049	-0.000091
327	0.0501	0.0067	-0.0051	0.000000	-0.000059	-0.000070
328	-0.0052	-0.0848	0.0142	0.000000	-0.000006	-0.000094
329	0.0041	-0.0848	0.0109	0.000000	-0.000009	-0.000094
330	0.0135	-0.0848	0.0079	0.000000	-0.000011	-0.000094
331	0.0229	-0.0848	0.0051	0.000000	-0.000012	-0.000094
332	0.0322	-0.0848	0.0025	0.000000	-0.000012	-0.000094
333	0.0416	-0.0848	-0.0001	0.000000	-0.000014	-0.000094
334	0.0510	-0.0848	-0.0025	0.000000	-0.000019	-0.000094
335	-0.0155	-0.0818	0.0179	-0.000024	-0.000015	-0.000099
336	-0.0164	-0.0792	0.0179	-0.000040	-0.000010	-0.000092
337	-0.0172	-0.0764	0.0178	-0.000031	-0.000012	-0.000084
338	0.0467	-0.0016	-0.0019	-0.000002	0.000000	-0.000094
339	0.0379	-0.0100	0.0026	0.000000	-0.000022	-0.000094
340	0.0291	-0.0100	0.0032	0.000000	-0.000014	-0.000094
341	0.0203	-0.0100	0.0039	0.000000	-0.000012	-0.000094
342	0.0115	-0.0100	0.0046	0.000000	-0.000010	-0.000094
343	0.0026	-0.0100	0.0053	0.000000	-0.000009	-0.000094
344	-0.0068	-0.0096	0.0059	0.000000	-0.000013	-0.000089
345	-0.0080	-0.0092	0.0060	0.000000	-0.000018	-0.000088
346	-0.0094	-0.0088	0.0061	0.000000	-0.000019	-0.000085
347	0.0026	0.0069	-0.0078	0.000000	-0.000009	-0.000094
348	0.0115	0.0069	-0.0074	0.000000	-0.000012	-0.000094
349	0.0203	0.0069	-0.0070	0.000000	-0.000014	-0.000094
350	0.0291	0.0069	-0.0066	0.000000	-0.000016	-0.000094
351	0.0379	0.0069	-0.0061	0.000000	-0.000022	-0.000094
352	-0.0069	0.0067	-0.0080	0.000000	-0.000013	-0.000091
353	-0.0081	0.0066	-0.0079	0.000000	-0.000017	-0.000088

354	-0.0095	0.0065	-0.0079	0.000000	-0.000018	-0.000086
355	0.0510	0.0816	-0.0009	0.000000	-0.000021	-0.000094
356	0.0416	0.0816	-0.0032	0.000000	-0.000016	-0.000094
357	0.0322	0.0816	-0.0053	0.000000	-0.000013	-0.000094
358	0.0229	0.0816	-0.0073	0.000000	-0.000012	-0.000094
359	0.0135	0.0816	-0.0092	0.000000	-0.000012	-0.000094
360	0.0041	0.0816	-0.0111	0.000000	-0.000011	-0.000094
361	-0.0052	0.0816	-0.0128	0.000000	-0.000009	-0.000094
362	-0.0154	0.0793	-0.0152	0.000035	-0.000012	-0.000088
363	-0.0163	0.0769	-0.0157	0.000030	-0.000011	-0.000083
364	-0.0172	0.0743	-0.0160	0.000035	-0.000013	-0.000081
365	-0.0146	-0.0767	0.0169	-0.000065	0.000000	-0.000094
366	-0.0146	-0.0686	0.0156	-0.000061	0.000000	-0.000094
367	-0.0146	-0.0553	0.0133	-0.000052	0.000000	-0.000094
368	-0.0146	-0.0429	0.0112	-0.000040	0.000000	-0.000094
369	-0.0146	-0.0357	0.0102	-0.000034	0.000000	-0.000094
370	-0.0146	-0.0285	0.0092	-0.000028	0.000000	-0.000094
371	-0.0155	-0.0200	0.0083	-0.000008	0.000000	-0.000092
372	-0.0164	-0.0197	0.0084	-0.000001	0.000000	-0.000089
373	-0.0173	-0.0193	0.0084	-0.000008	0.000000	-0.000085
374	-0.0146	0.0270	-0.0098	-0.000001	0.000000	-0.000094
375	-0.0146	0.0359	-0.0106	0.000000	0.000000	-0.000094
376	-0.0146	0.0448	-0.0113	0.000002	0.000000	-0.000094
377	-0.0146	0.0589	-0.0125	0.000006	0.000000	-0.000094
378	-0.0146	0.0728	-0.0137	0.000014	0.000000	-0.000094
379	-0.0154	0.0183	-0.0089	-0.000004	0.000000	-0.000093
380	-0.0163	0.0183	-0.0088	0.000002	0.000000	-0.000090
381	-0.0172	0.0177	-0.0088	0.000014	0.000000	-0.000087
382	0.0844	-0.0791	-0.0104	0.000000	0.000000	-0.000096
383	0.0844	-0.0710	-0.0117	-0.000001	0.000000	-0.000096
384	0.0844	-0.0628	-0.0129	-0.000001	0.000000	-0.000096
385	0.0844	-0.0547	-0.0140	-0.000001	0.000000	-0.000096
386	0.0837	-0.0870	-0.0091	-0.000002	-0.000009	-0.000093
387	0.0830	-0.0865	-0.0092	-0.000010	-0.000007	-0.000091
388	0.0824	-0.0858	-0.0095	-0.000004	-0.000007	-0.000088
389	0.0839	-0.0465	-0.0150	-0.000002	-0.000011	-0.000094
390	0.0834	-0.0463	-0.0153	-0.000001	0.000003	-0.000093
391	0.0827	-0.0459	-0.0160	-0.000008	-0.000023	-0.000091
392	0.0696	-0.0872	-0.0068	0.000000	-0.000002	-0.000096
393	0.0770	-0.0872	-0.0081	0.000000	-0.000004	-0.000096
394	0.0621	-0.0866	-0.0050	0.000000	-0.000001	-0.000094
395	0.0618	-0.0858	-0.0049	0.000000	-0.000005	-0.000094
396	0.0760	-0.0465	-0.0150	0.000000	-0.000003	-0.000096
397	0.0677	-0.0465	-0.0148	0.000000	-0.000002	-0.000096
398	0.0590	-0.0464	-0.0144	0.000000	-0.000014	-0.000094
399	0.0575	-0.0459	-0.0140	0.000000	-0.000018	-0.000107
400	0.0844	0.0754	0.0109	0.000057	0.000000	-0.000096
401	0.0844	0.0672	0.0140	0.000050	0.000000	-0.000096
402	0.0844	0.0591	0.0177	0.000043	0.000000	-0.000096
403	0.0844	0.0509	0.0216	0.000037	0.000000	-0.000096
404	0.0760	0.0434	0.0228	-0.000002	-0.000031	-0.000096
405	0.0677	0.0440	0.0207	-0.000002	-0.000021	-0.000096
406	0.0696	0.0835	0.0034	0.000000	-0.000022	-0.000096
407	0.0770	0.0835	0.0054	0.000000	-0.000042	-0.000096
408	0.0553	-0.0105	0.0017	0.000000	0.000001	-0.000096
409	0.0627	-0.0104	0.0015	0.000000	-0.000007	-0.000103
410	0.0617	-0.0103	0.0014	0.000000	-0.000015	-0.000090
411	0.0484	-0.0104	0.0020	0.000000	0.000001	-0.000096
412	0.0482	-0.0102	0.0020	0.000000	-0.000007	-0.000095
413	0.0553	0.0068	-0.0054	0.000000	-0.000006	-0.000096
414	0.0480	0.0068	-0.0057	0.000000	-0.000008	-0.000097
415	-0.0061	-0.0872	0.0145	0.000000	-0.000003	-0.000096
416	0.0025	-0.0872	0.0115	0.000000	-0.000003	-0.000096
417	0.0110	-0.0872	0.0087	0.000000	-0.000002	-0.000096
418	0.0196	-0.0872	0.0061	0.000000	-0.000002	-0.000096
419	0.0281	-0.0872	0.0036	0.000000	-0.000002	-0.000096
420	0.0366	-0.0872	0.0013	0.000000	-0.000001	-0.000096
421	0.0452	-0.0872	-0.0010	0.000000	0.000000	-0.000096
422	0.0537	-0.0872	-0.0032	0.000000	0.000000	-0.000096
423	0.0393	-0.0105	0.0025	0.000000	0.000000	-0.000096
424	0.0302	-0.0105	0.0031	0.000000	0.000002	-0.000096
425	0.0212	-0.0105	0.0038	0.000000	0.000000	-0.000096

426	0.0121	-0.0105	0.0045	0.000000	-0.000001	-0.000096
427	0.0031	-0.0105	0.0052	0.000000	-0.000001	-0.000096
428	0.0393	0.0068	-0.0063	0.000000	-0.000001	-0.000096
429	0.0302	0.0068	-0.0067	0.000000	0.000000	-0.000096
430	0.0212	0.0068	-0.0072	0.000000	0.000001	-0.000096
431	0.0121	0.0068	-0.0076	0.000000	0.000001	-0.000096
432	0.0031	0.0068	-0.0081	0.000000	0.000001	-0.000096
433	-0.0060	0.0069	-0.0085	0.000000	0.000001	-0.000096
434	-0.0060	0.0069	-0.0084	0.000000	0.000000	-0.000097
435	-0.0059	0.0069	-0.0083	0.000000	0.000000	-0.000097
436	-0.0061	0.0835	-0.0123	0.000000	0.000001	-0.000096
437	0.0025	0.0835	-0.0114	0.000000	0.000001	-0.000096
438	0.0110	0.0835	-0.0101	0.000000	0.000001	-0.000096
439	0.0196	0.0835	-0.0085	0.000000	0.000001	-0.000096
440	0.0281	0.0835	-0.0068	0.000000	0.000000	-0.000096
441	0.0366	0.0835	-0.0049	0.000000	-0.000002	-0.000096
442	0.0452	0.0835	-0.0029	0.000000	-0.000004	-0.000096
443	0.0537	0.0835	-0.0008	0.000000	-0.000006	-0.000096
444	-0.0145	0.0834	-0.0128	0.000000	0.000002	-0.000096
445	-0.0144	0.0830	-0.0131	0.000008	0.000000	-0.000096
446	-0.0144	0.0825	-0.0136	0.000002	0.000001	-0.000095
447	-0.0146	0.0069	-0.0089	0.000000	-0.000001	-0.000095
448	-0.0146	0.0069	-0.0088	0.000000	0.000000	-0.000095
449	-0.0146	0.0069	-0.0088	0.000000	-0.000001	-0.000096
450	-0.0146	-0.0779	0.0167	-0.000076	0.000000	-0.000096
451	-0.0146	-0.0686	0.0152	-0.000065	0.000000	-0.000096
452	-0.0146	-0.0593	0.0137	-0.000058	0.000000	-0.000096
453	-0.0146	-0.0500	0.0121	-0.000051	0.000000	-0.000096
454	-0.0146	-0.0406	0.0107	-0.000042	0.000000	-0.000096
455	-0.0146	-0.0313	0.0095	-0.000037	0.000000	-0.000096
456	-0.0146	0.0277	-0.0101	0.000002	0.000000	-0.000096
457	-0.0146	0.0370	-0.0107	0.000002	0.000000	-0.000096
458	-0.0146	0.0463	-0.0114	0.000002	0.000000	-0.000096
459	-0.0146	0.0556	-0.0120	0.000002	0.000000	-0.000096
460	-0.0146	0.0649	-0.0125	0.000002	0.000000	-0.000096
461	-0.0146	0.0742	-0.0128	0.000001	0.000000	-0.000096
462	-0.0146	0.0182	-0.0095	0.000000	0.000000	-0.000095
463	-0.0146	0.0182	-0.0094	0.000000	0.000000	-0.000094
464	-0.0146	0.0182	-0.0094	0.000001	0.000000	-0.000093
465	-0.0146	0.0126	-0.0092	0.000001	0.000000	-0.000096
466	-0.0146	0.0125	-0.0091	0.000001	0.000000	-0.000094
467	0.0510	-0.0593	-0.0130	-0.000039	0.000000	-0.000145
468	0.0594	-0.0628	-0.0134	-0.000035	0.000000	-0.000134
469	0.0657	-0.0670	-0.0114	-0.000051	0.000000	-0.000100
470	0.0659	-0.0621	-0.0098	-0.000056	0.000000	-0.000079
471	0.0643	-0.0578	-0.0088	-0.000056	0.000000	-0.000079
472	0.0578	-0.0521	-0.0078	-0.000065	0.000000	-0.000079
473	0.0518	-0.0462	-0.0081	-0.000060	0.000000	-0.000087
474	0.0518	-0.0383	-0.0129	-0.000073	0.000000	-0.000083
475	0.0518	-0.0311	-0.0175	-0.000074	0.000000	-0.000072
476	0.0576	-0.0447	-0.0129	-0.000067	0.000000	-0.000077
477	0.0571	-0.0372	-0.0174	-0.000065	0.000000	-0.000082
478	0.0621	-0.0424	-0.0171	-0.000055	0.000000	-0.000084
479	0.0626	-0.0500	-0.0126	-0.000056	0.000000	-0.000078
480	0.0558	-0.0709	-0.0084	0.000000	-0.000061	-0.000119
481	0.0474	-0.0708	-0.0065	0.000000	-0.000088	-0.000092
482	0.0401	-0.0649	-0.0083	0.000000	-0.000089	-0.000135
483	0.0487	-0.0679	-0.0083	0.000000	-0.000100	-0.000132
484	0.0387	-0.0678	-0.0064	0.000000	-0.000110	-0.000117
485	0.0300	-0.0648	-0.0063	0.000000	-0.000085	-0.000123
486	0.0461	-0.0343	-0.0125	0.000000	-0.000081	-0.000084
487	0.0538	-0.0343	-0.0171	0.000000	-0.000061	-0.000094
488	0.0284	-0.0226	-0.0115	0.000000	-0.000098	-0.000127
489	0.0377	-0.0287	-0.0120	0.000000	-0.000112	-0.000111
490	0.0475	-0.0287	-0.0171	0.000000	-0.000082	-0.000115
491	0.0404	-0.0226	-0.0170	0.000000	-0.000080	-0.000148
492	0.0491	0.0451	0.0111	0.000060	0.000000	-0.000090
493	0.0559	0.0509	0.0111	0.000064	0.000000	-0.000083
494	0.0629	0.0561	0.0121	0.000049	0.000000	-0.000081
495	0.0637	0.0606	0.0110	0.000043	0.000000	-0.000081
496	0.0635	0.0653	0.0100	0.000043	0.000000	-0.000091
497	0.0564	0.0616	0.0113	0.000033	0.000000	-0.000114

498	0.0482	0.0581	0.0109	0.000040	0.000000	-0.000130
499	0.0489	0.0296	0.0227	0.000073	0.000000	-0.000073
500	0.0489	0.0369	0.0170	0.000072	0.000000	-0.000087
501	0.0611	0.0406	0.0223	0.000053	0.000000	-0.000086
502	0.0552	0.0356	0.0226	0.000063	0.000000	-0.000083
503	0.0555	0.0431	0.0171	0.000066	0.000000	-0.000081
504	0.0615	0.0482	0.0171	0.000052	0.000000	-0.000080
505	0.0533	0.0333	0.0230	-0.000005	-0.000066	-0.000089
506	0.0459	0.0338	0.0184	-0.000006	-0.000082	-0.000082
507	0.0384	0.0224	0.0229	-0.000006	-0.000081	-0.000135
508	0.0461	0.0281	0.0230	-0.000007	-0.000086	-0.000107
509	0.0370	0.0288	0.0177	-0.000009	-0.000112	-0.000104
510	0.0274	0.0233	0.0171	-0.000007	-0.000094	-0.000117
511	0.0471	0.0691	0.0039	0.000000	-0.000092	-0.000090
512	0.0548	0.0692	0.0058	0.000000	-0.000075	-0.000103
513	0.0297	0.0636	0.0039	0.000000	-0.000089	-0.000108
514	0.0384	0.0664	0.0039	0.000000	-0.000107	-0.000104
515	0.0471	0.0664	0.0058	0.000000	-0.000099	-0.000115
516	0.0385	0.0637	0.0058	0.000000	-0.000090	-0.000118
517	0.0359	-0.0074	0.0015	0.000000	-0.000078	-0.000079
518	0.0285	-0.0064	0.0014	0.000000	-0.000091	-0.000045
519	0.0204	-0.0052	0.0013	0.000000	-0.000095	-0.000003
520	0.0360	0.0058	-0.0053	0.000000	-0.000077	-0.000081
521	0.0285	0.0051	-0.0052	0.000000	-0.000094	-0.000045
522	0.0202	0.0043	-0.0050	0.000000	-0.000097	0.000000
523	0.0129	-0.0648	-0.0019	0.000000	-0.000091	-0.000065
524	0.0220	-0.0678	-0.0020	0.000000	-0.000116	-0.000073
525	0.0316	-0.0708	-0.0020	0.000000	-0.000103	-0.000083
526	0.0079	-0.0648	0.0006	0.000000	-0.000078	-0.000035
527	0.0156	-0.0677	0.0006	0.000000	-0.000097	-0.000054
528	0.0240	-0.0708	0.0005	0.000000	-0.000093	-0.000070
529	0.0051	-0.0647	0.0032	0.000000	-0.000059	-0.000020
530	0.0109	-0.0677	0.0031	0.000000	-0.000073	-0.000041
531	0.0173	-0.0707	0.0031	0.000000	-0.000072	-0.000064
532	0.0033	-0.0647	0.0058	0.000000	-0.000038	-0.000017
533	0.0069	-0.0677	0.0058	0.000000	-0.000045	-0.000040
534	0.0109	-0.0707	0.0058	0.000000	-0.000046	-0.000063
535	0.0010	-0.0646	0.0086	0.000000	-0.000017	-0.000027
536	0.0026	-0.0676	0.0086	0.000000	-0.000019	-0.000046
537	0.0044	-0.0707	0.0086	0.000000	-0.000022	-0.000066
538	-0.0025	-0.0707	0.0115	0.000000	-0.000005	-0.000073
539	-0.0103	-0.0707	0.0146	0.000000	0.000000	-0.000082
540	-0.0029	-0.0645	0.0115	0.000000	-0.000002	-0.000050
541	-0.0028	-0.0676	0.0115	0.000000	-0.000001	-0.000061
542	-0.0100	-0.0676	0.0146	0.000000	0.000005	-0.000084
543	-0.0095	-0.0645	0.0145	0.000000	0.000004	-0.000083
544	0.0303	-0.0008	-0.0018	-0.000002	0.000000	-0.000074
545	0.0247	-0.0006	-0.0018	-0.000002	0.000000	-0.000069
546	0.0191	-0.0004	-0.0018	-0.000002	0.000000	-0.000070
547	-0.0071	-0.0054	0.0055	0.000000	-0.000027	-0.000060
548	-0.0056	-0.0064	0.0056	0.000000	-0.000011	-0.000075
549	-0.0044	-0.0074	0.0056	0.000000	-0.000015	-0.000079
550	-0.0013	-0.0054	0.0049	0.000000	-0.000034	-0.000062
551	0.0011	-0.0064	0.0049	0.000000	-0.000023	-0.000067
552	0.0029	-0.0073	0.0049	0.000000	-0.000018	-0.000077
553	0.0044	-0.0054	0.0043	0.000000	-0.000040	-0.000059
554	0.0074	-0.0064	0.0043	0.000000	-0.000031	-0.000066
555	0.0100	-0.0073	0.0042	0.000000	-0.000028	-0.000074
556	0.0170	-0.0073	0.0036	0.000000	-0.000037	-0.000074
557	0.0237	-0.0073	0.0030	0.000000	-0.000052	-0.000068
558	0.0097	-0.0054	0.0037	0.000000	-0.000044	-0.000054
559	0.0135	-0.0063	0.0037	0.000000	-0.000043	-0.000063
560	0.0192	-0.0064	0.0031	0.000000	-0.000050	-0.000058
561	0.0147	-0.0053	0.0032	0.000000	-0.000053	-0.000054
562	0.0147	0.0044	-0.0065	0.000000	-0.000053	-0.000055
563	0.0192	0.0051	-0.0064	0.000000	-0.000050	-0.000059
564	0.0237	0.0057	-0.0064	0.000000	-0.000052	-0.000068
565	0.0095	0.0044	-0.0067	0.000000	-0.000045	-0.000055
566	0.0134	0.0051	-0.0067	0.000000	-0.000043	-0.000064
567	0.0170	0.0057	-0.0067	0.000000	-0.000038	-0.000075
568	0.0041	0.0045	-0.0070	0.000000	-0.000040	-0.000060
569	0.0073	0.0051	-0.0070	0.000000	-0.000032	-0.000067

570	0.0099	0.0057	-0.0070	0.000000	-0.000029	-0.000074
571	0.0029	0.0057	-0.0073	0.000000	-0.000020	-0.000076
572	-0.0045	0.0058	-0.0076	0.000000	-0.000016	-0.000079
573	-0.0017	0.0045	-0.0072	0.000000	-0.000035	-0.000063
574	0.0009	0.0051	-0.0072	0.000000	-0.000024	-0.000067
575	-0.0057	0.0051	-0.0075	0.000000	-0.000012	-0.000074
576	-0.0074	0.0046	-0.0074	0.000000	-0.000028	-0.000059
577	-0.0090	0.0638	-0.0136	0.000000	0.000005	-0.000084
578	-0.0096	0.0665	-0.0136	0.000000	0.000007	-0.000085
579	-0.0100	0.0691	-0.0136	0.000000	0.000003	-0.000082
580	-0.0023	0.0638	-0.0112	0.000000	-0.000002	-0.000050
581	-0.0023	0.0665	-0.0113	0.000000	0.000002	-0.000062
582	-0.0023	0.0691	-0.0113	0.000000	-0.000002	-0.000073
583	0.0016	0.0638	-0.0090	0.000000	-0.000018	-0.000028
584	0.0031	0.0665	-0.0091	0.000000	-0.000017	-0.000047
585	0.0047	0.0691	-0.0091	0.000000	-0.000019	-0.000066
586	0.0040	0.0638	-0.0069	0.000000	-0.000038	-0.000019
587	0.0075	0.0665	-0.0069	0.000000	-0.000042	-0.000041
588	0.0112	0.0691	-0.0070	0.000000	-0.000042	-0.000064
589	0.0061	0.0638	-0.0047	0.000000	-0.000060	-0.000022
590	0.0117	0.0664	-0.0048	0.000000	-0.000069	-0.000043
591	0.0177	0.0691	-0.0048	0.000000	-0.000067	-0.000065
592	0.0244	0.0691	-0.0026	0.000000	-0.000087	-0.000070
593	0.0318	0.0691	-0.0004	0.000000	-0.000099	-0.000079
594	0.0089	0.0637	-0.0026	0.000000	-0.000079	-0.000036
595	0.0165	0.0664	-0.0026	0.000000	-0.000093	-0.000054
596	0.0228	0.0664	-0.0003	0.000000	-0.000108	-0.000071
597	0.0139	0.0637	-0.0003	0.000000	-0.000093	-0.000064
598	-0.0200	-0.0385	0.0156	-0.000088	0.000000	-0.000140
599	-0.0194	-0.0470	0.0157	-0.000093	0.000000	-0.000114
600	-0.0189	-0.0545	0.0156	-0.000064	0.000000	-0.000086
601	-0.0193	-0.0467	0.0138	-0.000064	0.000000	-0.000088
602	-0.0190	-0.0390	0.0117	-0.000075	0.000000	-0.000082
603	-0.0194	-0.0300	0.0113	-0.000114	0.000000	-0.000064
604	-0.0199	-0.0203	0.0112	-0.000093	0.000000	-0.000049
605	-0.0200	-0.0516	0.0165	-0.000068	0.000000	-0.000144
606	-0.0195	-0.0573	0.0166	-0.000060	0.000000	-0.000115
607	-0.0188	-0.0622	0.0167	-0.000053	0.000000	-0.000093
608	-0.0200	-0.0164	0.0106	-0.000091	0.000000	-0.000046
609	-0.0200	-0.0134	0.0099	-0.000074	0.000000	-0.000030
610	-0.0200	-0.0113	0.0092	-0.000055	0.000000	-0.000021
611	-0.0194	-0.0164	0.0092	-0.000059	0.000000	-0.000044
612	-0.0187	-0.0211	0.0092	-0.000049	0.000000	-0.000067
613	-0.0194	-0.0248	0.0107	-0.000093	0.000000	-0.000059
614	-0.0194	-0.0202	0.0099	-0.000079	0.000000	-0.000051
615	-0.0188	-0.0265	0.0100	-0.000065	0.000000	-0.000069
616	-0.0189	-0.0321	0.0108	-0.000078	0.000000	-0.000072
617	-0.0187	-0.0117	0.0080	-0.000019	0.000000	-0.000070
618	-0.0193	-0.0100	0.0079	-0.000020	0.000000	-0.000053
619	-0.0198	-0.0081	0.0079	-0.000024	0.000000	-0.000030
620	-0.0194	0.0198	-0.0110	0.000085	0.000000	-0.000054
621	-0.0190	0.0289	-0.0111	0.000108	0.000000	-0.000065
622	-0.0187	0.0378	-0.0114	0.000079	0.000000	-0.000083
623	-0.0189	0.0454	-0.0127	0.000065	0.000000	-0.000085
624	-0.0187	0.0532	-0.0141	0.000063	0.000000	-0.000091
625	-0.0192	0.0464	-0.0144	0.000080	0.000000	-0.000119
626	-0.0196	0.0390	-0.0144	0.000077	0.000000	-0.000144
627	-0.0185	0.0192	-0.0095	0.000049	0.000000	-0.000066
628	-0.0190	0.0146	-0.0096	0.000056	0.000000	-0.000043
629	-0.0194	0.0099	-0.0096	0.000051	0.000000	-0.000021
630	-0.0194	0.0120	-0.0100	0.000069	0.000000	-0.000031
631	-0.0194	0.0154	-0.0105	0.000085	0.000000	-0.000049
632	-0.0186	0.0246	-0.0101	0.000066	0.000000	-0.000068
633	-0.0190	0.0185	-0.0101	0.000076	0.000000	-0.000051
634	-0.0190	0.0232	-0.0107	0.000089	0.000000	-0.000060
635	-0.0186	0.0305	-0.0107	0.000079	0.000000	-0.000072
636	-0.0184	0.0499	-0.0131	0.000061	0.000000	-0.000085
637	-0.0184	0.0532	-0.0137	0.000059	0.000000	-0.000086
638	-0.0196	0.0516	-0.0150	0.000058	0.000000	-0.000146
639	-0.0192	0.0566	-0.0151	0.000052	0.000000	-0.000118
640	-0.0187	0.0609	-0.0150	0.000047	0.000000	-0.000097
641	-0.0185	0.0099	-0.0087	0.000016	0.000000	-0.000067

642	-0.0189	0.0085	-0.0087	0.000016	0.000000	-0.000049
643	-0.0192	0.0069	-0.0087	0.000020	0.000000	-0.000025
644	0.0705	-0.0740	-0.0128	-0.000030	0.000000	-0.000080
645	0.0767	-0.0768	-0.0127	-0.000035	0.000000	-0.000088
646	0.0814	-0.0799	-0.0109	-0.000033	0.000000	-0.000086
647	0.0817	-0.0751	-0.0104	-0.000021	0.000000	-0.000090
648	0.0809	-0.0701	-0.0099	-0.000018	0.000000	-0.000093
649	0.0763	-0.0681	-0.0084	-0.000026	0.000000	-0.000090
650	0.0714	-0.0654	-0.0080	-0.000036	0.000000	-0.000088
651	0.0712	-0.0573	-0.0124	-0.000033	0.000000	-0.000085
652	0.0710	-0.0494	-0.0162	-0.000028	0.000000	-0.000086
653	0.0759	-0.0597	-0.0124	-0.000023	0.000000	-0.000090
654	0.0753	-0.0513	-0.0157	-0.000021	0.000000	-0.000089
655	0.0790	-0.0527	-0.0153	-0.000016	0.000000	-0.000093
656	0.0795	-0.0612	-0.0124	-0.000018	0.000000	-0.000092
657	0.0730	-0.0827	-0.0083	0.000000	-0.000038	-0.000099
658	0.0653	-0.0824	-0.0065	0.000000	-0.000037	-0.000093
659	0.0643	-0.0770	-0.0085	0.000000	-0.000058	-0.000075
660	0.0692	-0.0799	-0.0084	0.000000	-0.000059	-0.000091
661	0.0620	-0.0796	-0.0065	0.000000	-0.000049	-0.000086
662	0.0581	-0.0768	-0.0065	0.000000	-0.000048	-0.000083
663	0.0636	-0.0445	-0.0144	0.000000	-0.000036	-0.000090
664	0.0713	-0.0445	-0.0162	0.000000	-0.000040	-0.000087
665	0.0560	-0.0416	-0.0136	0.000000	-0.000045	-0.000091
666	0.0600	-0.0433	-0.0141	0.000000	-0.000057	-0.000089
667	0.0675	-0.0433	-0.0165	0.000000	-0.000056	-0.000085
668	0.0634	-0.0416	-0.0168	0.000000	-0.000048	-0.000081
669	0.0711	0.0616	0.0125	0.000017	0.000000	-0.000084
670	0.0757	0.0630	0.0128	0.000016	0.000000	-0.000084
671	0.0802	0.0655	0.0133	0.000038	0.000000	-0.000088
672	0.0804	0.0704	0.0114	0.000049	0.000000	-0.000093
673	0.0802	0.0758	0.0096	0.000035	0.000000	-0.000102
674	0.0756	0.0733	0.0101	0.000023	0.000000	-0.000094
675	0.0707	0.0711	0.0102	0.000028	0.000000	-0.000081
676	0.0706	0.0465	0.0218	0.000018	0.000000	-0.000084
677	0.0709	0.0540	0.0172	0.000019	0.000000	-0.000081
678	0.0783	0.0487	0.0214	0.000013	0.000000	-0.000083
679	0.0746	0.0478	0.0215	0.000013	0.000000	-0.000083
680	0.0750	0.0553	0.0172	0.000013	0.000000	-0.000083
681	0.0788	0.0567	0.0172	0.000022	0.000000	-0.000089
682	0.0702	0.0417	0.0229	-0.000002	-0.000031	-0.000094
683	0.0626	0.0424	0.0206	-0.000003	-0.000039	-0.000083
684	0.0632	0.0395	0.0230	-0.000003	-0.000039	-0.000081
685	0.0669	0.0408	0.0230	-0.000004	-0.000051	-0.000089
686	0.0592	0.0414	0.0203	-0.000004	-0.000047	-0.000089
687	0.0557	0.0401	0.0197	-0.000003	-0.000038	-0.000092
688	0.0646	0.0794	0.0036	0.000000	-0.000043	-0.000089
689	0.0717	0.0795	0.0056	0.000000	-0.000043	-0.000091
690	0.0582	0.0743	0.0038	0.000000	-0.000044	-0.000080
691	0.0614	0.0769	0.0037	0.000000	-0.000038	-0.000082
692	0.0682	0.0770	0.0057	0.000000	-0.000046	-0.000087
693	0.0643	0.0744	0.0058	0.000000	-0.000048	-0.000078
694	0.0510	-0.0096	0.0015	0.000000	-0.000039	-0.000097
695	0.0478	-0.0093	0.0014	0.000000	-0.000044	-0.000090
696	0.0448	-0.0089	0.0015	0.000000	-0.000034	-0.000083
697	0.0510	0.0067	-0.0053	0.000000	-0.000039	-0.000097
698	0.0477	0.0067	-0.0053	0.000000	-0.000045	-0.000089
699	0.0447	0.0067	-0.0054	0.000000	-0.000033	-0.000081
700	0.0437	-0.0766	-0.0022	0.000000	-0.000044	-0.000078
701	0.0468	-0.0794	-0.0023	0.000000	-0.000036	-0.000085
702	0.0492	-0.0821	-0.0024	0.000000	-0.000027	-0.000088
703	0.0354	-0.0766	0.0003	0.000000	-0.000043	-0.000087
704	0.0382	-0.0794	0.0002	0.000000	-0.000029	-0.000087
705	0.0402	-0.0821	0.0001	0.000000	-0.000022	-0.000091
706	0.0266	-0.0766	0.0029	0.000000	-0.000040	-0.000089
707	0.0292	-0.0793	0.0028	0.000000	-0.000028	-0.000093
708	0.0310	-0.0821	0.0027	0.000000	-0.000019	-0.000093
709	0.0176	-0.0765	0.0056	0.000000	-0.000034	-0.000090
710	0.0199	-0.0793	0.0055	0.000000	-0.000026	-0.000093
711	0.0217	-0.0821	0.0053	0.000000	-0.000019	-0.000094
712	0.0086	-0.0765	0.0085	0.000000	-0.000028	-0.000089
713	0.0107	-0.0793	0.0083	0.000000	-0.000025	-0.000092

714	0.0123	-0.0821	0.0082	0.000000	-0.000018	-0.000093
715	0.0031	-0.0820	0.0111	0.000000	-0.000017	-0.000092
716	-0.0060	-0.0819	0.0144	0.000000	-0.000014	-0.000091
717	-0.0002	-0.0765	0.0114	0.000000	-0.000023	-0.000087
718	0.0016	-0.0792	0.0113	0.000000	-0.000022	-0.000090
719	-0.0074	-0.0792	0.0145	0.000000	-0.000019	-0.000089
720	-0.0088	-0.0765	0.0146	0.000000	-0.000018	-0.000085
721	0.0441	-0.0014	-0.0019	-0.000002	0.000000	-0.000091
722	0.0414	-0.0013	-0.0018	-0.000002	0.000000	-0.000090
723	0.0386	-0.0011	-0.0018	-0.000002	0.000000	-0.000086
724	-0.0014	-0.0088	0.0055	0.000000	-0.000022	-0.000085
725	0.0003	-0.0092	0.0054	0.000000	-0.000021	-0.000088
726	0.0017	-0.0096	0.0053	0.000000	-0.000015	-0.000091
727	0.0067	-0.0088	0.0048	0.000000	-0.000026	-0.000086
728	0.0086	-0.0092	0.0047	0.000000	-0.000024	-0.000089
729	0.0103	-0.0096	0.0047	0.000000	-0.000019	-0.000092
730	0.0148	-0.0088	0.0041	0.000000	-0.000031	-0.000086
731	0.0170	-0.0092	0.0040	0.000000	-0.000028	-0.000090
732	0.0190	-0.0096	0.0040	0.000000	-0.000022	-0.000092
733	0.0275	-0.0096	0.0033	0.000000	-0.000026	-0.000090
734	0.0358	-0.0096	0.0026	0.000000	-0.000032	-0.000086
735	0.0229	-0.0088	0.0035	0.000000	-0.000034	-0.000086
736	0.0253	-0.0092	0.0034	0.000000	-0.000031	-0.000086
737	0.0333	-0.0092	0.0027	0.000000	-0.000033	-0.000083
738	0.0308	-0.0088	0.0028	0.000000	-0.000033	-0.000082
739	0.0308	0.0065	-0.0062	0.000000	-0.000033	-0.000082
740	0.0333	0.0066	-0.0061	0.000000	-0.000032	-0.000084
741	0.0358	0.0068	-0.0061	0.000000	-0.000032	-0.000086
742	0.0228	0.0065	-0.0066	0.000000	-0.000033	-0.000086
743	0.0253	0.0066	-0.0066	0.000000	-0.000030	-0.000087
744	0.0275	0.0067	-0.0066	0.000000	-0.000026	-0.000091
745	0.0147	0.0065	-0.0070	0.000000	-0.000030	-0.000086
746	0.0170	0.0066	-0.0070	0.000000	-0.000027	-0.000090
747	0.0189	0.0067	-0.0070	0.000000	-0.000022	-0.000091
748	0.0103	0.0067	-0.0074	0.000000	-0.000019	-0.000092
749	0.0016	0.0067	-0.0077	0.000000	-0.000016	-0.000091
750	0.0067	0.0065	-0.0073	0.000000	-0.000026	-0.000086
751	0.0086	0.0066	-0.0074	0.000000	-0.000024	-0.000089
752	0.0002	0.0066	-0.0077	0.000000	-0.000020	-0.000089
753	-0.0014	0.0065	-0.0076	0.000000	-0.000021	-0.000085
754	-0.0089	0.0743	-0.0135	0.000000	-0.000016	-0.000084
755	-0.0076	0.0769	-0.0133	0.000000	-0.000018	-0.000089
756	-0.0063	0.0794	-0.0130	0.000000	-0.000017	-0.000093
757	-0.0004	0.0744	-0.0113	0.000000	-0.000021	-0.000088
758	0.0014	0.0769	-0.0112	0.000000	-0.000023	-0.000091
759	0.0030	0.0793	-0.0111	0.000000	-0.000019	-0.000092
760	0.0085	0.0743	-0.0092	0.000000	-0.000027	-0.000089
761	0.0105	0.0768	-0.0092	0.000000	-0.000025	-0.000092
762	0.0123	0.0793	-0.0092	0.000000	-0.000020	-0.000093
763	0.0175	0.0743	-0.0071	0.000000	-0.000033	-0.000090
764	0.0198	0.0768	-0.0071	0.000000	-0.000027	-0.000093
765	0.0216	0.0792	-0.0072	0.000000	-0.000020	-0.000094
766	0.0265	0.0743	-0.0050	0.000000	-0.000039	-0.000089
767	0.0291	0.0768	-0.0051	0.000000	-0.000028	-0.000093
768	0.0309	0.0792	-0.0052	0.000000	-0.000020	-0.000093
769	0.0401	0.0792	-0.0030	0.000000	-0.000022	-0.000092
770	0.0490	0.0792	-0.0008	0.000000	-0.000029	-0.000085
771	0.0353	0.0742	-0.0028	0.000000	-0.000043	-0.000087
772	0.0381	0.0767	-0.0029	0.000000	-0.000031	-0.000087
773	0.0467	0.0767	-0.0006	0.000000	-0.000032	-0.000084
774	0.0437	0.0742	-0.0005	0.000000	-0.000044	-0.000081
775	-0.0179	-0.0483	0.0130	-0.000057	0.000000	-0.000082
776	-0.0180	-0.0527	0.0144	-0.000048	0.000000	-0.000082
777	-0.0170	-0.0553	0.0146	-0.000011	0.000000	-0.000082
778	-0.0161	-0.0563	0.0146	-0.000013	0.000000	-0.000088
779	-0.0151	-0.0588	0.0143	-0.000044	0.000000	-0.000095
780	-0.0152	-0.0536	0.0133	-0.000050	0.000000	-0.000092
781	-0.0151	-0.0487	0.0123	-0.000035	0.000000	-0.000088
782	-0.0161	-0.0470	0.0120	-0.000004	0.000000	-0.000086
783	-0.0170	-0.0464	0.0118	-0.000010	0.000000	-0.000089
784	-0.0180	-0.0437	0.0118	-0.000051	0.000000	-0.000083
785	-0.0173	-0.0327	0.0101	-0.000013	0.000000	-0.000087

786	-0.0164	-0.0334	0.0101	-0.000005	0.000000	-0.000089
787	-0.0155	-0.0340	0.0102	-0.000012	0.000000	-0.000090
788	-0.0163	-0.0403	0.0111	-0.000005	0.000000	-0.000088
789	-0.0172	-0.0395	0.0110	-0.000012	0.000000	-0.000087
790	-0.0162	-0.0638	0.0156	-0.000017	0.000000	-0.000089
791	-0.0163	-0.0715	0.0168	-0.000023	0.000000	-0.000092
792	-0.0172	-0.0690	0.0167	-0.000028	0.000000	-0.000084
793	-0.0171	-0.0621	0.0156	-0.000019	0.000000	-0.000083
794	-0.0155	-0.0270	0.0092	-0.000010	0.000000	-0.000090
795	-0.0164	-0.0265	0.0093	-0.000003	0.000000	-0.000089
796	-0.0173	-0.0260	0.0093	-0.000010	0.000000	-0.000087
797	-0.0154	-0.0411	0.0111	-0.000017	0.000000	-0.000090
798	-0.0178	-0.0413	0.0113	-0.000039	0.000000	-0.000084
799	-0.0176	-0.0418	0.0114	-0.000031	0.000000	-0.000085
800	-0.0155	-0.0734	0.0168	-0.000030	0.000000	-0.000098
801	-0.0154	-0.0656	0.0156	-0.000034	0.000000	-0.000088
802	-0.0177	-0.0561	0.0149	-0.000033	0.000000	-0.000080
803	-0.0170	0.0514	-0.0123	0.000028	0.000000	-0.000090
804	-0.0160	0.0530	-0.0123	0.000009	0.000000	-0.000091
805	-0.0150	0.0535	-0.0121	0.000004	0.000000	-0.000093
806	-0.0149	0.0586	-0.0124	0.000006	0.000000	-0.000092
807	-0.0149	0.0636	-0.0130	0.000011	0.000000	-0.000091
808	-0.0158	0.0622	-0.0132	0.000021	0.000000	-0.000082
809	-0.0169	0.0600	-0.0134	0.000029	0.000000	-0.000078
810	-0.0160	0.0671	-0.0139	0.000025	0.000000	-0.000081
811	-0.0161	0.0720	-0.0147	0.000029	0.000000	-0.000081
812	-0.0150	0.0710	-0.0138	0.000021	0.000000	-0.000089
813	-0.0155	0.0691	-0.0139	0.000023	0.000000	-0.000086
814	-0.0150	0.0673	-0.0134	0.000016	0.000000	-0.000090
815	-0.0154	0.0352	-0.0105	0.000001	0.000000	-0.000093
816	-0.0163	0.0342	-0.0104	0.000008	0.000000	-0.000091
817	-0.0172	0.0324	-0.0103	0.000021	0.000000	-0.000088
818	-0.0161	0.0467	-0.0116	0.000009	0.000000	-0.000091
819	-0.0162	0.0405	-0.0110	0.000009	0.000000	-0.000091
820	-0.0151	0.0456	-0.0114	0.000002	0.000000	-0.000093
821	-0.0155	0.0462	-0.0115	0.000004	0.000000	-0.000091
822	-0.0171	0.0690	-0.0150	0.000032	0.000000	-0.000078
823	-0.0170	0.0638	-0.0141	0.000030	0.000000	-0.000078
824	-0.0155	0.0739	-0.0145	0.000028	0.000000	-0.000083
825	-0.0150	0.0755	-0.0143	0.000027	0.000000	-0.000090
826	-0.0154	0.0662	-0.0135	0.000020	0.000000	-0.000085
827	-0.0147	0.0681	-0.0133	0.000013	0.000000	-0.000093
828	-0.0172	0.0250	-0.0096	0.000017	0.000000	-0.000088
829	-0.0163	0.0262	-0.0097	0.000005	0.000000	-0.000091
830	-0.0154	0.0267	-0.0098	-0.000001	0.000000	-0.000093
831	-0.0170	0.0453	-0.0116	0.000027	0.000000	-0.000087
832	-0.0171	0.0389	-0.0109	0.000023	0.000000	-0.000087
833	-0.0157	0.0407	-0.0110	0.000004	0.000000	-0.000092
834	0.0828	-0.0629	-0.0127	-0.000008	0.000000	-0.000096
835	0.0833	-0.0631	-0.0128	-0.000004	0.000000	-0.000097
836	0.0839	-0.0630	-0.0129	-0.000002	0.000000	-0.000096
837	0.0831	-0.0789	-0.0104	-0.000005	0.000000	-0.000094
838	0.0832	-0.0711	-0.0115	-0.000004	0.000000	-0.000096
839	0.0823	-0.0777	-0.0104	-0.000008	0.000000	-0.000094
840	0.0839	-0.0547	-0.0141	-0.000001	0.000000	-0.000096
841	0.0834	-0.0546	-0.0142	-0.000004	0.000000	-0.000095
842	0.0828	-0.0543	-0.0145	-0.000006	0.000000	-0.000095
843	0.0837	-0.0791	-0.0104	-0.000002	0.000000	-0.000096
844	0.0838	-0.0711	-0.0117	-0.000001	0.000000	-0.000096
845	0.0825	-0.0706	-0.0113	-0.000009	0.000000	-0.000096
846	0.0820	-0.0814	-0.0102	-0.000014	0.000000	-0.000093
847	0.0779	-0.0865	-0.0083	0.000000	-0.000006	-0.000089
848	0.0728	-0.0866	-0.0073	0.000000	-0.000004	-0.000090
849	0.0675	-0.0866	-0.0062	0.000000	-0.000002	-0.000093
850	0.0671	-0.0858	-0.0061	0.000000	-0.000008	-0.000090
851	0.0723	-0.0858	-0.0073	0.000000	-0.000007	-0.000090
852	0.0774	-0.0858	-0.0084	0.000000	-0.000005	-0.000087
853	0.0675	-0.0853	-0.0063	0.000000	-0.000014	-0.000091
854	0.0775	-0.0870	-0.0082	0.000000	-0.000006	-0.000090
855	0.0720	-0.0869	-0.0071	0.000000	-0.000004	-0.000093
856	0.0673	-0.0869	-0.0062	0.000000	-0.000002	-0.000094
857	0.0715	-0.0853	-0.0073	0.000000	-0.000013	-0.000091

858	0.0651	-0.0464	-0.0146	0.000000	-0.000007	-0.000095
859	0.0713	-0.0464	-0.0150	0.000000	-0.000005	-0.000094
860	0.0774	-0.0464	-0.0153	0.000000	-0.000006	-0.000093
861	0.0768	-0.0460	-0.0157	0.000000	-0.000006	-0.000090
862	0.0708	-0.0460	-0.0151	0.000000	-0.000006	-0.000095
863	0.0644	-0.0460	-0.0145	0.000000	-0.000010	-0.000103
864	0.0754	-0.0456	-0.0157	0.000000	-0.000014	-0.000085
865	0.0791	-0.0465	-0.0151	0.000000	-0.000005	-0.000092
866	0.0691	-0.0456	-0.0150	0.000000	-0.000009	-0.000100
867	0.0634	-0.0456	-0.0144	0.000000	-0.000012	-0.000104
868	0.0827	0.0782	0.0093	0.000057	0.000000	-0.000092
869	0.0554	-0.0104	0.0017	0.000000	0.000000	-0.000098
870	0.0550	-0.0103	0.0016	0.000000	-0.000009	-0.000092
871	0.0547	0.0069	-0.0054	0.000000	-0.000020	-0.000093
872	0.0214	-0.0860	0.0056	0.000000	-0.000006	-0.000094
873	0.0034	-0.0860	0.0112	0.000000	-0.000005	-0.000095
874	-0.0056	-0.0862	0.0143	0.000000	-0.000003	-0.000094
875	0.0304	-0.0860	0.0030	0.000000	-0.000006	-0.000094
876	0.0390	-0.0861	0.0007	0.000000	-0.000006	-0.000095
877	0.0547	-0.0865	-0.0033	0.000000	-0.000001	-0.000096
878	0.0477	-0.0862	-0.0015	0.000000	-0.000005	-0.000097
879	0.0561	-0.0858	-0.0036	0.000000	-0.000010	-0.000098
880	0.0124	-0.0860	0.0083	0.000000	-0.000005	-0.000094
881	0.0395	-0.0103	0.0025	0.000000	-0.000004	-0.000097
882	0.0424	-0.0104	0.0023	0.000000	0.000001	-0.000097
883	0.0031	0.0069	-0.0079	0.000000	-0.000003	-0.000095
884	0.0032	0.0069	-0.0079	0.000000	0.000001	-0.000097
885	0.0031	0.0068	-0.0080	0.000000	0.000000	-0.000097
886	0.0120	0.0069	-0.0075	0.000000	-0.000005	-0.000095
887	0.0122	0.0068	-0.0075	0.000000	-0.000001	-0.000095
888	0.0122	0.0068	-0.0076	0.000000	0.000001	-0.000096
889	0.0209	0.0069	-0.0071	0.000000	-0.000007	-0.000095
890	0.0212	0.0068	-0.0071	0.000000	-0.000002	-0.000095
891	0.0212	0.0068	-0.0071	0.000000	0.000000	-0.000095
892	0.0302	0.0068	-0.0067	0.000000	-0.000001	-0.000096
893	0.0392	0.0068	-0.0062	0.000000	-0.000004	-0.000096
894	0.0287	0.0069	-0.0067	0.000000	-0.000010	-0.000095
895	0.0299	0.0069	-0.0067	0.000000	-0.000005	-0.000095
896	0.0385	0.0069	-0.0062	0.000000	-0.000009	-0.000097
897	0.0351	0.0069	-0.0063	0.000000	-0.000013	-0.000096
898	-0.0057	0.0833	-0.0123	0.000000	0.000001	-0.000095
899	-0.0054	0.0830	-0.0124	0.000000	0.000001	-0.000096
900	-0.0051	0.0824	-0.0126	0.000000	-0.000001	-0.000097
901	0.0031	0.0833	-0.0112	0.000000	0.000002	-0.000096
902	0.0037	0.0829	-0.0111	0.000000	0.000001	-0.000096
903	0.0041	0.0823	-0.0111	0.000000	-0.000004	-0.000094
904	0.0119	0.0832	-0.0098	0.000000	0.000001	-0.000095
905	0.0127	0.0828	-0.0096	0.000000	-0.000001	-0.000095
906	0.0133	0.0823	-0.0094	0.000000	-0.000005	-0.000094
907	0.0206	0.0832	-0.0082	0.000000	0.000000	-0.000095
908	0.0216	0.0827	-0.0079	0.000000	-0.000003	-0.000095
909	0.0224	0.0822	-0.0076	0.000000	-0.000007	-0.000094
910	0.0294	0.0831	-0.0064	0.000000	-0.000002	-0.000096
911	0.0305	0.0827	-0.0061	0.000000	-0.000005	-0.000095
912	0.0315	0.0822	-0.0057	0.000000	-0.000009	-0.000095
913	0.0370	0.0831	-0.0048	0.000000	-0.000004	-0.000096
914	0.0388	0.0827	-0.0042	0.000000	-0.000007	-0.000096
915	0.0411	0.0823	-0.0036	0.000000	-0.000011	-0.000094
916	0.0510	0.0825	-0.0013	0.000000	-0.000016	-0.000100
917	0.0470	0.0830	-0.0024	0.000000	-0.000007	-0.000098
918	0.0431	0.0832	-0.0034	0.000000	-0.000005	-0.000097
919	-0.0145	0.0542	-0.0120	0.000004	0.000000	-0.000095
920	-0.0145	0.0546	-0.0120	0.000004	0.000000	-0.000096
921	-0.0145	0.0550	-0.0120	0.000003	0.000000	-0.000097
922	-0.0145	0.0553	-0.0120	0.000002	0.000000	-0.000096
923	-0.0146	0.0367	-0.0107	0.000002	0.000000	-0.000096
924	-0.0145	0.0365	-0.0107	0.000002	0.000000	-0.000096
925	-0.0145	0.0362	-0.0107	0.000002	0.000000	-0.000095
926	-0.0146	0.0360	-0.0106	0.000002	0.000000	-0.000095
927	-0.0146	0.0242	-0.0098	0.000001	0.000000	-0.000094
928	-0.0146	0.0302	-0.0102	0.000002	0.000000	-0.000095
929	-0.0146	0.0286	-0.0101	0.000001	0.000000	-0.000094

930	-0.0146	0.0234	-0.0097	0.000001	0.000000	-0.000093
931	-0.0145	0.0609	-0.0125	0.000005	0.000000	-0.000096
932	-0.0144	0.0676	-0.0130	0.000006	0.000000	-0.000097
933	-0.0144	0.0748	-0.0134	0.000005	0.000000	-0.000093
934	-0.0144	0.0754	-0.0131	0.000004	0.000000	-0.000095
935	-0.0145	0.0750	-0.0129	0.000003	0.000000	-0.000097
936	-0.0144	0.0613	-0.0124	0.000004	0.000000	-0.000097
937	-0.0144	0.0680	-0.0128	0.000003	0.000000	-0.000096
938	-0.0145	0.0673	-0.0126	0.000002	0.000000	-0.000096
939	-0.0145	0.0611	-0.0123	0.000002	0.000000	-0.000096
940	-0.0145	0.0604	-0.0123	0.000002	0.000000	-0.000096
941	-0.0146	0.0460	-0.0113	0.000003	0.000000	-0.000096
942	-0.0145	0.0457	-0.0113	0.000003	0.000000	-0.000096
943	-0.0145	0.0454	-0.0113	0.000003	0.000000	-0.000096
944	-0.0145	0.0451	-0.0113	0.000003	0.000000	-0.000095
945	-0.0146	0.0277	-0.0101	0.000002	0.000000	-0.000096
946	-0.0146	0.0297	-0.0102	0.000002	0.000000	-0.000095
947	-0.0146	0.0241	-0.0098	0.000001	0.000000	-0.000095
948	-0.0146	0.0125	-0.0092	0.000000	0.000000	-0.000095
949	-0.0146	0.0126	-0.0091	-0.000001	0.000000	-0.000094
950	-0.0146	0.0126	-0.0091	0.000001	0.000000	-0.000093

4.1.6.2 Sollecitazioni

Tabella 12.I

Asta	Imp.	Fili	Sollecitazioni						
			X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	275.34	-316.75	551.35	1700.61	-151.89	-1595.42
			20	485.21	-316.75	816.76	1792.81	139.85	-1324.28
			40	695.12	-316.76	1100.53	1884.37	378.68	-1066.45
2	Fond.	1, 2	0	-297.10	-301.19	1100.59	-3810.09	390.01	-1158.74
			28	-8.46	-301.19	-45.52	-3686.12	662.28	-825.61
			55	280.17	-301.20	-1157.91	-3564.89	846.25	-516.37
3	Fond.	1, 2	0	277.95	-301.20	-1157.91	-3564.89	846.25	-516.37
			28	566.62	-301.20	-2237.29	-3445.58	948.31	-229.65
			55	855.37	-301.21	-3283.92	-3325.81	974.44	36.14
4	Fond.	1, 2	0	-1151.94	-276.63	-3284.13	2199.46	911.61	-4.79
			46	-672.54	-276.64	-2424.35	2409.68	820.64	394.88
			91	-193.39	-276.65	-1462.41	2649.21	557.89	748.66
5	Fond.	1, 2	0	-2243.29	-191.85	-1463.94	1527.93	466.59	547.27
			46	-1764.59	-191.86	-895.35	1809.31	143.62	860.68
			91	-1286.55	-191.88	-186.92	2140.21	-313.82	1136.37
6	Fond.	1, 2	0	-2378.89	-109.88	-188.81	760.76	-448.82	930.10
			46	-1901.53	-109.89	53.11	1144.80	-929.27	1167.23
			91	-1424.88	-109.91	482.98	1582.57	-1508.26	1360.37
7	Fond.	9, 1	0	-112.00	-5.76	124.60	357.50	-139.75	532.20
			38	420.96	-5.76	63.83	440.84	-314.15	371.17
			77	954.03	-5.76	38.14	540.75	-419.35	170.88
8	Fond.	9, 1	0	-826.75	-181.73	37.44	168.30	-438.06	269.25
			38	-293.66	-181.72	-89.58	284.61	-496.39	27.89
			77	239.35	-181.72	-168.83	417.43	-453.96	-256.79
9	Fond.	9, 1	0	-1572.32	-392.60	-169.57	173.59	-447.88	-53.57
			38	-1039.48	-392.60	-288.07	323.44	-365.56	-383.87
			77	-506.92	-392.60	-345.62	491.18	-147.55	-761.79
10	Fond.	2, 5	0	-627.71	471.92	76.53	-395.74	-1505.84	-1860.56
			43	-787.46	471.91	60.67	17.57	-793.91	-1434.17
			87	-947.49	471.90	212.17	376.13	-254.89	-1063.51
11	Fond.	2, 5	0	263.02	626.71	214.20	-366.76	-116.85	-1315.49
			43	102.88	626.70	187.23	-63.63	383.54	-1004.04
			87	-57.22	626.69	279.41	183.05	761.71	-751.00
12	Fond.	2, 5	0	958.96	894.09	281.52	-1566.72	871.97	-1067.95
			43	799.01	894.08	-290.13	-1377.59	1289.81	-869.15
			87	639.32	894.08	-792.42	-1245.83	1631.96	-717.13
13	Fond.	3, 4	0	917.40	-103.33	-634.12	1744.31	1114.28	1161.15
			45	1347.17	-103.32	-147.56	1193.45	630.52	981.58
			90	1777.43	-103.30	104.88	704.79	236.91	761.31
14	Fond.	3, 4	0	652.87	-187.20	102.65	1751.95	129.26	965.50
			45	1083.56	-187.19	620.26	1325.49	-248.63	707.73

RELAZIONE DI CALCOLO -

			90	1514.65	-187.17	959.45	958.91	-502.07	412.12
15	Fond.	3, 4	0	-201.79	-269.95	957.43	2096.63	-572.47	601.89
			45	229.54	-269.94	1656.14	1784.98	-769.24	265.38
			90	660.95	-269.93	2225.52	1520.14	-804.45	-117.21
16	Fond.	3, 4	0	-837.26	-293.38	2224.87	-2049.40	-854.66	-99.45
			28	-573.61	-293.38	1535.73	-2193.08	-792.16	-358.59
			55	-310.04	-293.37	808.63	-2326.16	-655.54	-638.71
17	Fond.	3, 4	0	-296.61	-293.37	808.63	-2326.16	-655.54	-638.71
			28	-33.08	-293.37	46.22	-2450.25	-438.86	-941.11
			55	230.44	-293.36	-749.16	-2565.97	-135.84	-1266.75
18	Fond.	3, 4	0	-484.81	-310.79	-749.40	1365.01	-130.04	-1148.91
			22	-274.00	-310.79	-543.06	1278.74	152.97	-1426.53
			44	-63.21	-310.79	-355.04	1198.54	498.72	-1719.37
19	Fond.	8, 3	0	-790.92	1027.71	1166.46	-1817.97	-1117.78	-428.80
			43	-973.73	1027.71	401.90	-2048.08	-903.68	-563.17
			87	-1156.88	1027.71	-476.02	-2340.61	-622.05	-740.62
20	Fond.	8, 3	0	-190.22	770.06	-473.73	376.40	-536.53	-465.83
			43	-373.59	770.07	-311.49	21.39	-286.85	-691.66
			87	-557.09	770.07	-316.72	-394.21	72.09	-968.91
21	Fond.	8, 3	0	668.30	612.74	-314.57	647.26	186.08	-725.04
			43	484.82	612.75	-60.67	172.69	570.87	-1054.35
			87	301.51	612.76	-25.72	-359.91	1109.70	-1433.23
22	Fond.	4, 12	0	838.35	-252.00	335.82	489.31	488.03	-432.58
			38	1361.86	-252.00	289.36	364.24	586.30	-87.58
			77	1885.72	-252.01	198.23	256.79	560.58	214.72
23	Fond.	4, 12	0	451.74	-100.86	197.50	398.90	548.49	39.02
			38	975.91	-100.87	122.76	308.15	481.99	301.38
			77	1500.33	-100.88	16.23	233.47	322.16	526.33
24	Fond.	4, 12	0	40.59	16.44	15.56	410.83	288.14	464.56
			38	565.22	16.44	-48.66	351.97	72.61	654.01
			77	1089.99	16.43	-132.47	308.96	-208.89	808.86
25	Fond.	5, 6	0	604.28	327.85	1965.58	-1286.95	1039.07	18.25
			188	1232.49	327.80	-339.94	-946.31	570.83	409.84
			376	1868.50	327.77	-2296.67	-889.05	-364.42	566.40
26	Fond.	9, 5	0	282.36	-244.67	610.31	-330.94	-1456.25	-2341.45
			213	860.08	-244.71	183.28	168.70	791.78	6.20
			425	1444.74	-244.77	902.67	722.41	-702.97	1255.71
27	Fond.	6, 7	0	-541.88	656.50	-1422.31	2163.33	-1807.36	-2021.22
			90	-240.33	656.50	421.14	2212.90	-13.86	-1975.77
			180	60.88	656.50	2339.67	2326.31	1773.01	-2006.65
28	Fond.	6, 10	0	-2687.02	-744.66	513.21	-1561.69	1338.16	2008.76
			36	-2717.15	-744.66	-40.24	-1560.90	588.16	2128.79
			73	-2747.92	-744.66	-595.59	-1573.50	-205.10	2247.82
29	Fond.	6, 10	0	-3027.25	-505.47	-595.03	-624.98	-319.17	1857.52
			36	-3058.70	-505.48	-813.15	-649.98	-1014.08	1976.29
			73	-3090.86	-505.49	-1041.97	-685.19	-1751.65	2092.16
30	Fond.	7, 8	0	-2509.01	346.12	3446.97	-1599.25	225.06	450.27
			198	-1847.72	346.15	204.81	-1512.86	-538.42	296.34
			395	-1199.34	346.21	-3580.86	-2169.31	-756.73	-157.28
31	Fond.	7, 11	0	2763.63	-955.61	-573.36	1771.06	1433.96	2113.53
			36	2788.14	-955.61	69.10	1830.15	646.04	2233.19
			73	2813.31	-955.62	735.09	1902.29	-185.00	2351.85
32	Fond.	7, 11	0	3262.02	-687.26	734.56	494.78	-308.20	1918.77
			36	3287.90	-687.26	918.42	578.77	-1025.27	2037.31
			73	3314.56	-687.27	1134.19	672.03	-1784.94	2153.13
33	Fond.	8, 12	0	-1835.31	-284.38	-2294.06	1410.54	445.09	1123.27
			203	-1302.75	-284.32	-597.98	505.89	-708.30	-121.30
			405	-779.75	-284.28	-377.09	15.39	1622.18	-2373.59
34	Fond.	15, 9	0	1257.70	8.74	275.55	729.79	1471.08	12.27
			50	1945.94	8.75	269.18	352.62	1412.38	210.81
			100	2635.05	8.75	83.00	11.56	1270.52	347.43
35	Fond.	15, 9	0	1227.48	81.38	81.92	801.73	1226.44	250.33
			50	1917.45	81.39	128.63	495.18	1077.29	339.36
			100	2608.28	81.39	30.14	222.11	892.89	393.24
36	Fond.	15, 9	0	1071.75	142.11	29.11	797.80	849.34	324.71
			50	1763.40	142.12	89.81	557.45	678.83	353.96
			100	2455.84	142.12	38.07	349.22	498.09	366.84
37	Fond.	15, 9	0	825.71	160.02	37.08	737.70	459.79	345.52
			50	1518.88	160.03	83.08	560.98	286.01	348.30
			100	2212.73	160.04	48.21	415.21	112.47	345.04
38	Fond.	15, 9	0	460.19	127.81	47.25	672.07	76.26	351.19
			50	1154.64	127.82	75.31	556.65	-97.68	343.96

RELAZIONE DI CALCOLO -

			100	1849.60	127.82	52.91	471.02	-267.04	332.71
39	Fond.	15, 9	0	-47.00	34.64	51.99	613.50	-306.73	381.65
			50	648.37	34.64	65.19	557.10	-493.56	364.35
			100	1344.03	34.65	57.28	529.41	-669.39	336.75
40	Fond.	15, 9	0	-710.28	-118.64	56.40	529.11	-718.91	411.72
			50	-14.48	-118.63	41.51	529.63	-914.58	367.50
			100	681.31	-118.63	33.84	557.94	-1082.22	297.96
41	Fond.	15, 9	0	-1521.64	-351.89	32.97	301.36	-1143.55	481.25
			50	-826.04	-351.88	-81.86	357.19	-1359.53	375.54
			100	-130.80	-351.88	-161.73	440.79	-1510.89	220.32
42	Fond.	10, 11	0	909.78	347.70	-283.65	502.85	-1074.22	-1142.86
			45	1049.98	347.70	-121.45	474.95	-567.93	-1110.09
			90	1190.55	347.70	37.60	489.69	-72.31	-1096.18
43	Fond.	10, 11	0	-1196.58	348.87	36.09	503.75	82.90	-1094.22
			45	-1056.00	348.87	217.76	561.37	576.13	-1101.45
			90	-915.81	348.87	435.05	661.11	1077.02	-1127.46
44	Fond.	10, 13	0	-3618.46	-77.19	-703.90	568.75	-629.08	-413.92
			47	-3661.42	-77.20	-431.81	512.17	-467.49	-275.27
			94	-3705.84	-77.22	-187.92	447.08	-366.94	-155.36
45	Fond.	10, 13	0	-2388.57	-33.06	-187.71	261.77	-324.09	-267.79
			47	-2434.20	-33.08	-62.78	190.35	-221.91	-170.27
			94	-2480.79	-33.09	27.61	113.50	-159.87	-97.62
46	Fond.	10, 13	0	-1359.07	-52.66	27.79	53.47	-142.71	-85.86
			47	-1406.42	-52.68	52.80	-28.67	-114.21	-39.79
			94	-1454.32	-52.69	38.06	-116.38	-100.92	-21.45
47	Fond.	10, 13	0	-586.43	-82.75	38.26	-1.72	-94.60	-24.06
			47	-634.74	-82.76	34.99	-95.33	-81.99	-34.41
			94	-683.30	-82.78	-13.70	-195.12	-57.59	-74.26
48	Fond.	10, 13	0	14.09	-141.22	-13.49	6.18	-47.51	-29.60
			47	-34.61	-141.23	-15.80	-99.88	-18.31	-99.57
			94	-83.32	-141.25	-69.51	-212.14	50.99	-199.96
49	Fond.	10, 13	0	486.86	-234.80	-69.31	460.42	85.05	-178.71
			47	438.23	-234.81	139.34	342.17	198.76	-309.33
			94	389.78	-234.83	290.79	217.58	380.88	-468.98
50	Fond.	11, 14	0	3972.17	-93.43	790.83	-691.23	-663.61	-420.62
			47	4008.08	-93.44	481.31	-561.14	-498.87	-281.96
			94	4045.58	-93.45	233.94	-425.09	-395.15	-162.20
51	Fond.	11, 14	0	2832.13	-42.05	233.83	-347.94	-350.30	-286.87
			47	2870.99	-42.06	87.19	-208.43	-239.03	-189.92
			94	2910.99	-42.07	6.35	-66.60	-167.48	-118.46
52	Fond.	11, 14	0	1866.58	-59.78	6.29	-115.11	-148.07	-104.11
			47	1907.53	-59.79	-30.51	28.72	-110.56	-59.94
			94	1949.23	-59.80	0.59	174.65	-87.18	-44.26
53	Fond.	11, 14	0	1118.59	-86.68	0.51	-50.81	-78.20	-47.44
			47	1160.90	-86.69	-5.55	97.35	-53.83	-61.10
			94	1203.67	-86.70	58.50	247.78	-16.00	-104.72
54	Fond.	11, 14	0	478.79	-140.43	58.42	-56.09	-2.01	-62.15
			47	521.90	-140.44	50.61	96.48	43.45	-136.02
			94	565.21	-140.46	114.98	250.84	130.78	-239.99
55	Fond.	11, 14	0	-112.47	-228.17	114.94	-525.12	170.35	-220.38
			47	-69.07	-228.18	-113.07	-369.44	304.34	-353.60
			94	-25.70	-228.20	-267.46	-212.34	507.57	-514.02
56	Fond.	12, 20	0	1486.34	-168.46	178.18	461.78	1324.09	155.31
			50	2171.37	-168.47	125.83	429.67	1206.19	307.47
			100	2857.37	-168.48	63.65	423.83	1024.19	413.91
57	Fond.	12, 20	0	925.03	14.20	62.85	505.16	977.20	249.24
			50	1611.87	14.19	44.46	524.78	833.21	321.89
			100	2299.44	14.18	41.87	569.41	659.27	370.57
58	Fond.	12, 20	0	344.50	135.03	41.10	472.87	621.15	300.20
			50	1032.65	135.02	18.49	542.16	462.35	332.86
			100	1721.27	135.01	36.46	635.86	289.96	355.39
59	Fond.	12, 20	0	-261.03	204.87	35.70	417.62	257.46	313.23
			50	427.91	204.86	-2.67	535.56	96.55	329.61
			100	1117.04	204.85	23.90	677.63	-71.47	341.82
60	Fond.	12, 20	0	-880.29	222.66	23.14	366.40	-102.94	335.39
			50	-191.11	222.65	-28.88	532.56	-272.86	343.49
			100	497.99	222.64	8.26	722.90	-445.44	345.54
61	Fond.	12, 20	0	-1484.25	194.81	7.50	313.06	-481.21	367.75
			50	-795.37	194.80	-58.95	527.73	-663.64	359.83
			100	-106.85	194.80	-11.79	767.02	-838.39	335.84
62	Fond.	12, 20	0	-2036.35	128.86	-12.58	213.48	-880.96	400.07
			50	-1348.30	128.85	-116.11	477.79	-1070.16	351.89

RELAZIONE DI CALCOLO -

			100	-660.86	128.85	-80.87	767.74	-1227.12	269.11
63	Fond.	12, 20	0	-2445.22	48.52	-81.71	33.56	-1271.39	371.30
			50	-1758.48	48.51	-261.71	350.11	-1426.86	241.51
			100	-1072.51	48.51	-276.17	694.84	-1502.73	50.29
64	Fond.	13, 14	0	640.55	161.42	-1928.48	2086.17	282.22	190.05
			90	309.41	161.42	10.04	1974.30	83.53	236.40
			180	-21.28	161.42	1974.41	2143.94	-117.50	196.15
65	Fond.	13, 21	0	720.80	1427.06	452.46	-42.01	205.99	-589.08
			45	674.70	1427.04	423.89	-168.51	510.14	-766.62
			90	628.83	1427.04	336.20	-304.77	899.14	-965.49
66	Fond.	14, 22	0	-527.52	1491.83	-428.96	-18.78	471.31	-120.03
			45	-486.17	1491.82	-419.72	134.06	564.06	-295.55
			90	-444.99	1491.81	-340.60	291.95	739.93	-488.68
67	Fond.	15, 16	0	438.13	-230.29	-24.81	-113.35	-1407.45	-2060.38
			48	215.32	-230.30	-77.98	-483.66	-578.27	-1443.59
			95	-7.40	-230.31	-304.24	-841.88	-23.70	-905.00
68	Fond.	15, 16	0	838.18	-106.17	-304.70	-226.38	110.87	-1217.93
			48	615.62	-106.18	-405.73	-571.24	577.43	-760.06
			95	393.31	-106.19	-667.04	-900.27	845.17	-379.88
69	Fond.	15, 16	0	1226.93	-32.44	-667.38	1101.93	921.27	-596.90
			45	1016.62	-32.45	-154.29	808.06	1121.31	-302.36
			90	806.68	-32.46	230.80	533.87	1201.72	-63.66
70	Fond.	15, 16	0	823.53	-32.46	230.80	533.87	1201.72	-63.66
			45	613.89	-32.47	496.82	279.15	1185.57	128.29
			90	404.46	-32.48	652.13	41.67	1091.82	282.83
71	Fond.	15, 16	0	612.04	21.20	651.91	-525.66	1046.34	229.03
			39	432.43	21.19	483.18	-718.36	936.12	338.58
			77	252.94	21.18	241.58	-903.05	786.84	432.04
72	Fond.	15, 16	0	616.50	151.68	241.30	-298.08	769.55	283.06
			39	437.12	151.68	163.29	-476.20	644.12	364.69
			77	257.86	151.67	17.58	-648.57	488.88	438.01
73	Fond.	15, 16	0	568.40	245.62	17.35	-70.25	480.61	352.59
			39	389.25	245.61	29.43	-237.26	331.18	420.39
			77	210.20	245.60	-22.03	-399.03	156.29	484.71
74	Fond.	15, 16	0	516.46	299.59	-22.25	-213.89	145.68	439.36
			39	337.51	299.58	-63.71	-370.45	-36.07	501.38
			77	158.65	299.57	-164.65	-521.64	-241.39	561.40
75	Fond.	16, 21	0	467.90	326.16	-164.86	-776.49	-247.85	552.09
			30	329.03	326.15	-359.40	-889.95	-420.25	596.91
			60	190.22	326.15	-587.41	-999.42	-605.77	639.36
76	Fond.	16, 21	0	640.72	343.67	-587.68	-1320.56	-604.62	566.44
			30	501.98	343.66	-944.21	-1425.19	-780.50	605.32
			60	363.31	343.66	-1331.27	-1523.59	-967.31	639.04
77	Fond.	17, 20	0	-72.20	287.98	161.27	-545.81	149.32	504.35
			40	-250.39	287.98	47.38	-379.30	-41.80	450.92
			80	-428.66	287.99	0.86	-209.18	-211.15	395.42
78	Fond.	17, 20	0	-264.49	229.64	0.72	-375.19	-222.91	442.18
			40	-442.85	229.65	-43.42	-201.56	-388.24	383.88
			80	-621.34	229.66	-17.34	-24.31	-529.43	321.11
79	Fond.	17, 20	0	-411.26	134.12	-17.49	-555.04	-539.50	401.22
			40	-589.89	134.13	-131.99	-374.00	-686.33	331.46
			80	-768.70	134.13	-173.19	-188.81	-803.30	251.33
80	Fond.	17, 20	0	-509.00	0.88	-173.39	-796.55	-822.58	404.09
			40	-687.98	0.89	-382.61	-606.51	-965.86	309.48
			80	-867.17	0.90	-514.58	-410.40	-1067.60	195.48
81	Fond.	17, 20	0	-795.52	-50.07	-514.74	-100.38	-1114.56	235.98
			45	-997.38	-50.06	-427.83	129.90	-1186.47	77.52
			90	-1199.61	-50.05	-234.34	373.12	-1178.29	-121.56
82	Fond.	17, 20	0	-1186.65	-50.05	-234.34	373.12	-1178.29	-121.56
			45	-1389.31	-50.04	72.08	631.31	-1069.64	-370.50
			90	-1592.47	-50.03	498.39	904.97	-836.09	-678.09
83	Fond.	17, 20	0	-739.70	-115.08	498.13	-796.25	-768.68	-470.36
			45	-941.02	-115.07	287.08	-511.94	-479.78	-839.45
			89	-1142.68	-115.06	205.31	-216.14	-11.33	-1277.96
84	Fond.	17, 20	0	-193.72	-227.50	204.94	-725.86	103.86	-995.78
			45	-395.61	-227.49	30.36	-419.98	657.73	-1505.46
			89	-597.64	-227.49	-5.94	-104.66	1453.83	-2083.61
85	Fond.	22, 17	0	26.98	343.51	1403.82	-1602.62	784.39	551.47
			30	-106.59	343.51	992.88	-1491.90	623.31	521.55
			60	-240.18	343.51	615.99	-1376.06	471.86	487.60
86	Fond.	22, 17	0	51.30	319.61	615.79	-1055.36	474.69	568.45
			30	-82.30	319.62	370.45	-935.86	309.60	531.74

RELAZIONE DI CALCOLO -

			60	-215.92	319.62	161.41	-813.60	155.82	493.18
87	Piano 1	2, 18	0	0.00	41.53	549.59	-194.24	0.00	0.00
			188	0.00	41.53	185.39	-194.24	0.00	0.00
			375	0.00	41.53	-178.81	-194.24	0.00	0.00
88	Piano 1	19, 3	0	0.00	-10.43	298.79	-260.45	0.00	0.00
			187	0.00	-10.43	-188.25	-260.45	0.00	0.00
			374	0.00	-10.43	-675.29	-260.45	0.00	0.00
89	Piano 1	5, 6	0	0.00	-25.45	464.69	-307.57	0.00	0.00
			188	0.00	-25.45	-113.84	-307.57	0.00	0.00
			376	0.00	-25.45	-692.37	-307.57	0.00	0.00
90	Piano 1	9, 5	0	0.00	19.05	273.50	-39.84	0.00	0.00
			213	0.00	19.05	188.82	-39.84	0.00	0.00
			425	0.00	19.05	104.15	-39.84	0.00	0.00
91	Piano 1	6, 7	0	0.00	187.96	-733.38	920.28	0.00	0.00
			90	0.00	187.96	94.87	920.28	0.00	0.00
			180	0.00	187.96	923.12	920.28	0.00	0.00
92	Piano 1	6, 18	0	0.00	-232.96	-268.88	208.00	0.00	0.00
			115	0.00	-232.96	-29.68	208.00	0.00	0.00
			230	0.00	-232.96	209.52	208.00	0.00	0.00
93	Piano 1	7, 8	0	0.00	-108.60	951.19	-436.62	0.00	0.00
			198	0.00	-108.60	88.55	-436.62	0.00	0.00
			395	0.00	-108.60	-774.08	-436.62	0.00	0.00
94	Piano 1	7, 19	0	0.00	-219.86	369.20	-274.21	0.00	0.00
			115	0.00	-219.86	53.86	-274.21	0.00	0.00
			230	0.00	-219.86	-261.48	-274.21	0.00	0.00
95	Piano 1	8, 12	0	0.00	8.46	-438.39	85.85	0.00	0.00
			203	0.00	8.46	-264.50	85.85	0.00	0.00
			405	0.00	8.46	-90.61	85.85	0.00	0.00
96	Piano 1	18, 19	0	0.00	251.05	54.16	13.76	0.00	0.00
			90	0.00	251.05	66.54	13.76	0.00	0.00
			180	0.00	251.05	78.93	13.76	0.00	0.00
97	Piano 2	2, 18	0	0.00	11.99	422.06	-166.61	0.00	0.00
			188	0.00	11.99	109.67	-166.61	0.00	0.00
			375	0.00	11.99	-202.73	-166.61	0.00	0.00
98	Piano 2	19, 3	0	0.00	-60.15	290.45	-251.80	0.00	0.00
			187	0.00	-60.15	-180.41	-251.80	0.00	0.00
			374	0.00	-60.15	-651.28	-251.80	0.00	0.00
99	Piano 2	5, 6	0	0.00	-74.32	570.43	-369.34	0.00	0.00
			188	0.00	-74.32	-124.28	-369.34	0.00	0.00
			376	0.00	-74.32	-819.00	-369.34	0.00	0.00
100	Piano 2	9, 5	0	0.00	-2.81	-88.24	112.20	0.00	0.00
			213	0.00	-2.81	150.23	112.20	0.00	0.00
			425	0.00	-2.81	388.70	112.20	0.00	0.00
101	Piano 2	6, 7	0	0.00	153.58	-942.86	1087.21	0.00	0.00
			90	0.00	153.58	35.63	1087.21	0.00	0.00
			180	0.00	153.58	1014.12	1087.21	0.00	0.00
102	Piano 2	6, 18	0	0.00	-195.16	-292.87	222.03	0.00	0.00
			115	0.00	-195.16	-37.54	222.03	0.00	0.00
			230	0.00	-195.16	217.80	222.03	0.00	0.00
103	Piano 2	7, 8	0	0.00	-168.95	1225.94	-567.48	0.00	0.00
			198	0.00	-168.95	104.76	-567.48	0.00	0.00
			395	0.00	-168.95	-1016.42	-567.48	0.00	0.00
104	Piano 2	7, 19	0	0.00	-198.25	416.67	-307.22	0.00	0.00
			115	0.00	-198.25	63.37	-307.22	0.00	0.00
			230	0.00	-198.25	-289.94	-307.22	0.00	0.00
105	Piano 2	8, 12	0	0.00	-15.58	-682.83	232.65	0.00	0.00
			203	0.00	-15.58	-211.58	232.65	0.00	0.00
			405	0.00	-15.58	259.67	232.65	0.00	0.00
106	Piano 2	13, 16	0	0.00	10.05	-12.07	13.06	0.00	0.00
			75	0.00	10.05	-2.27	13.06	0.00	0.00
			150	0.00	10.05	7.52	13.06	0.00	0.00
107	Piano 2	17, 14	0	0.00	-8.99	7.31	-12.96	0.00	0.00
			75	0.00	-8.99	-2.41	-12.96	0.00	0.00
			150	0.00	-8.99	-12.13	-12.96	0.00	0.00
108	Piano 2	18, 19	0	0.00	229.79	-7.56	55.42	0.00	0.00
			90	0.00	229.79	42.32	55.42	0.00	0.00
			180	0.00	229.79	92.20	55.42	0.00	0.00
109	Piano 3	5, 6	0	0.00	-0.26	129.05	-48.02	0.00	0.00
			188	0.00	-0.26	38.73	-48.02	0.00	0.00
			376	0.00	-0.26	-51.59	-48.02	0.00	0.00
110	Piano 3	9, 5	0	0.00	10.36	-22.50	25.72	0.00	0.00
			213	0.00	10.36	32.18	25.72	0.00	0.00

			425	0.00	10.36	86.85	25.72	0.00	0.00
111	Piano 3	8, 7	0	0.00	13.34	-186.90	123.13	0.00	0.00
			198	0.00	13.34	56.37	123.13	0.00	0.00
			395	0.00	13.34	299.64	123.13	0.00	0.00
112	Piano 3	8, 12	0	0.00	31.32	-65.67	20.48	0.00	0.00
			203	0.00	31.32	-24.19	20.48	0.00	0.00
			405	0.00	31.32	17.29	20.48	0.00	0.00
113	Piano 3	13, 16	0	-4274.77	19.29	5.78	17.80	-87.96	-121.56
			78	-4274.77	19.29	19.59	17.80	6.39	-121.56
			155	-4274.77	19.29	33.41	17.80	100.75	-121.56
114	Piano 3	14, 17	0	-1061.98	-12.25	-17.89	17.70	7.99	7.88
			76	-1061.98	-12.25	-4.50	17.70	2.03	7.88
			151	-1061.98	-12.25	8.89	17.70	-3.93	7.88

4.1.7 Risultati Condizioni (Sisma X).

Tabella 13.I

Direzione X			
Modo	f [Hz]	T [s]	Gx %
1	5.932	0.169	81.2
2	7.550	0.132	7.2
Totale Gx (>=85%)			88.4

4.1.7.1 Cinematismi nodali

Tabella 14.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.6312	-0.3460	0.1231	-0.000226	-0.000236	-0.001297
2	0.6305	0.0623	-0.1603	-0.000592	-0.000831	-0.001166
3	0.5554	-0.0820	0.2563	0.000495	-0.001022	-0.000986
4	0.5541	0.2956	-0.1692	0.000156	-0.000742	-0.001076
5	0.2876	0.0626	0.0302	-0.000580	-0.000050	-0.000689
6	0.2938	-0.0420	0.0040	-0.000296	-0.000553	0.000331
7	0.2933	-0.0276	-0.1044	0.000268	-0.000266	0.000291
8	0.2804	-0.0717	0.0979	0.000593	0.000088	-0.000608
9	0.3035	-0.3439	0.1539	-0.000228	-0.000669	-0.001161
10	0.3582	-0.0475	0.0353	-0.000131	-0.000942	0.000154
11	0.3581	-0.0225	-0.1340	0.000069	-0.000908	0.000162
12	0.2926	0.2950	-0.1830	0.000148	-0.001097	-0.000969
13	0.4666	-0.0590	0.0350	0.000044	-0.000606	0.000190
14	0.4680	-0.0110	-0.0767	-0.000149	-0.000602	0.000322
15	0.4848	-0.3305	0.3440	-0.000350	-0.000608	0.000673
16	0.4943	-0.0494	0.0820	-0.000161	-0.000432	0.000090
17	0.5158	-0.0392	-0.1076	-0.000078	-0.000367	0.000055
18	0.5106	-0.2889	-0.2807	0.000204	-0.000535	0.000759
19	0.4930	-0.0594	0.0361	0.000045	-0.000438	0.000337
20	0.5132	-0.0109	-0.0668	-0.000143	-0.000388	0.000511
21	0.9410	-0.4421	0.1172	-0.000341	-0.000330	-0.000450
22	0.9410	-0.2518	-0.1438	-0.000369	-0.000314	-0.000450
23	0.9410	-0.1677	0.2368	0.000255	-0.000125	-0.000450
24	0.9410	0.3577	-0.1676	0.000215	-0.000754	-0.000450
25	0.8325	-0.2518	0.0365	0.000014	-0.000078	-0.000450
26	0.8449	-0.0846	0.0095	-0.000142	-0.000624	-0.000450
27	0.8449	-0.0326	-0.1262	0.000435	-0.000310	-0.000450
28	0.8325	-0.1766	0.1451	-0.000547	0.000143	-0.000450
29	0.8449	-0.4421	0.1556	-0.000098	-0.000848	-0.000450
30	0.7968	-0.0846	0.0286	-0.000084	-0.000973	-0.000450
31	0.7968	-0.0326	-0.1303	-0.000048	-0.000966	-0.000450
32	0.8449	0.3577	-0.1888	-0.000592	-0.001180	-0.000450
33	0.6940	-0.0846	0.0423	0.000000	-0.000697	-0.000450
34	0.6940	-0.0326	-0.0873	0.000000	-0.000685	-0.000450
35	0.6793	-0.4421	0.3500	-0.000330	-0.000537	-0.000450

RELAZIONE DI CALCOLO -

36	0.6793	-0.1377	0.0767	-0.000176	0.000000	-0.000450
37	0.6793	-0.0557	-0.1011	0.000123	0.000000	-0.000450
38	0.9410	-0.0846	-0.0528	-0.000193	0.000352	-0.000450
39	0.9410	-0.0326	0.0274	0.000575	0.000552	-0.000450
40	0.6793	0.3577	-0.2850	0.000202	-0.000491	-0.000450
41	0.6793	-0.0846	0.0377	0.000055	-0.000487	-0.000450
42	0.6793	-0.0326	-0.0695	-0.000104	-0.000420	-0.000450
43	1.1926	-0.5429	0.1072	-0.000213	-0.000160	-0.000543
44	1.1926	-0.3131	-0.0943	-0.000070	-0.000090	-0.000543
45	1.1926	0.1936	0.2223	0.000150	-0.000235	-0.000543
46	1.1926	0.4230	-0.1698	0.000331	-0.001035	-0.000543
47	1.0597	-0.3131	0.0624	0.000593	-0.000081	-0.000543
48	1.0750	-0.1112	0.0026	0.000212	-0.000525	-0.000543
49	1.0750	-0.0438	-0.1188	0.000642	-0.000263	-0.000543
50	1.0597	0.2044	0.1756	-0.000676	0.000126	-0.000543
51	1.0750	-0.5429	0.1510	0.000638	-0.000426	-0.000543
52	1.0141	-0.1112	0.0150	-0.000083	-0.000550	-0.000543
53	1.0141	-0.0438	-0.1170	-0.000028	-0.000523	-0.000543
54	1.0750	0.4230	-0.1919	-0.000937	-0.000748	-0.000543
55	0.8691	-0.1112	0.0548	0.000090	-0.000179	-0.000543
56	0.8691	-0.0438	-0.1140	-0.000056	-0.000120	-0.000543
57	0.8477	-0.5429	0.3564	-0.000650	-0.000534	-0.000543
58	0.8477	-0.1754	0.0671	-0.000212	0.000056	-0.000543
59	0.8477	-0.0593	-0.1238	-0.000032	-0.000096	-0.000543
60	1.1926	-0.1112	0.0267	0.000146	0.000290	-0.000543
61	1.1926	-0.0438	0.0808	0.000782	0.000404	-0.000543
62	0.8477	0.4230	-0.2644	0.000130	-0.000252	-0.000543
63	0.8477	-0.0438	-0.1222	0.000004	-0.000018	-0.000543
64	1.2291	-0.5691	0.1026	-0.000021	-0.000068	-0.000565
65	1.2291	-0.3301	0.0638	0.000013	-0.000021	-0.000565
66	1.2291	0.1971	0.2235	-0.000106	-0.001676	-0.000565
67	1.2291	0.4355	-0.1702	0.000435	-0.001236	-0.000565
68	1.0905	-0.3301	0.0686	0.002903	-0.000177	-0.000565
69	1.1064	-0.1202	0.0099	0.002886	-0.000085	-0.000565
70	1.1064	-0.0490	-0.1214	-0.009187	-0.000164	-0.000565
71	1.0905	0.2083	0.1775	-0.009140	-0.000056	-0.000565
72	1.1064	-0.5691	0.1456	0.002887	-0.000123	-0.000565
73	1.0420	-0.1202	0.0151	0.000000	0.000081	-0.000565
74	1.0420	-0.0490	-0.1175	0.000000	-0.000008	-0.000565
75	1.1064	0.4355	-0.1926	-0.008983	-0.000084	-0.000565
76	0.8869	-0.1202	0.0567	0.000057	-0.000136	-0.000565
77	0.8869	-0.0490	-0.1221	0.000091	-0.000072	-0.000565
78	0.8639	-0.5691	0.3581	-0.000984	-0.000533	-0.000565
79	0.8639	-0.1869	0.0667	-0.000189	0.000069	-0.000565
80	0.8639	-0.0581	-0.1403	0.000052	-0.000116	-0.000565
81	0.8639	0.4355	-0.2427	0.000008	-0.000041	-0.000565
82	0.8639	-0.0490	-0.1259	-0.000010	-0.000017	-0.000565
83	0.9205	-0.4213	0.1204	-0.000341	-0.000464	-0.000899
84	0.6318	-0.2999	0.1152	-0.000268	-0.000160	-0.001066
85	0.6333	-0.2140	0.0975	-0.000388	-0.000317	-0.000560
86	0.9410	-0.4241	0.1042	-0.000448	0.000000	-0.000450
87	0.9410	-0.3747	0.1134	-0.000432	0.000000	-0.000450
88	0.8841	0.3441	-0.1700	0.000212	-0.000943	-0.000648
89	0.5562	-0.1757	-0.0693	0.000305	-0.000766	-0.000564
90	0.5546	-0.2535	-0.1385	0.000197	-0.000684	-0.000908
91	0.9410	0.2886	-0.0658	0.000226	0.000000	-0.000450
92	0.9410	0.3380	-0.1356	0.000261	0.000000	-0.000450
93	0.4875	-0.2308	0.2516	-0.000360	-0.000373	-0.000730
94	0.4913	-0.1148	0.2008	-0.000336	-0.000298	-0.000498
95	0.6793	-0.3568	0.2609	-0.000194	0.000000	-0.000450
96	0.6793	-0.2760	0.2096	-0.000268	0.000000	-0.000450
97	0.5158	0.0919	-0.2032	-0.000185	-0.000113	-0.000568
98	0.5130	0.2094	-0.2152	0.000205	-0.000191	-0.000676
99	0.6793	0.1972	-0.2185	0.000217	0.000000	-0.000450
100	0.6793	0.2779	-0.2130	-0.000151	0.000000	-0.000450
101	1.1799	-0.5303	0.1097	-0.000362	-0.000534	-0.000563
102	1.1926	-0.5212	0.0971	-0.000250	0.000000	-0.000543
103	1.1926	-0.4615	0.0855	-0.000211	0.000000	-0.000543
104	1.1926	0.3396	-0.0570	0.000295	0.000000	-0.000543
105	1.1926	0.3992	-0.1351	0.000328	0.000000	-0.000543
106	1.1593	0.4141	-0.1682	0.000185	-0.000734	-0.000556
107	0.8477	-0.3423	0.2032	-0.000592	0.000000	-0.000543

RELAZIONE DI CALCOLO -

108	0.8477	-0.4019	0.2411	-0.000639	0.000000	-0.000543
109	0.6793	-0.3254	0.2339	0.000208	0.000000	-0.000450
110	0.8477	0.2617	-0.2180	0.000098	0.000000	-0.000543
111	0.8477	0.3212	-0.2182	0.000120	0.000000	-0.000543
112	0.6793	0.2241	-0.2313	-0.000216	0.000000	-0.000450
113	0.6793	0.2734	-0.2103	-0.000152	0.000000	-0.000450
114	0.9410	-0.3994	0.1121	-0.000502	0.000000	-0.000450
115	0.9410	-0.3337	0.0613	-0.000353	0.000000	-0.000450
116	0.9410	-0.2927	0.0794	-0.000351	0.000000	-0.000450
117	0.6324	-0.2503	0.1082	-0.000328	-0.000131	-0.000777
118	0.6334	-0.1717	0.0576	-0.000474	-0.000708	-0.000408
119	0.6322	0.1294	-0.0873	-0.000539	-0.000848	-0.000581
120	0.8305	-0.3951	0.1257	-0.000302	-0.001408	-0.001163
121	0.7048	-0.3705	0.1266	-0.000270	-0.001319	-0.001262
122	0.8702	-0.2082	-0.1526	-0.000603	-0.001192	-0.000629
123	0.7913	-0.1596	-0.1590	-0.000551	-0.000730	-0.000844
124	0.7121	0.1089	-0.1617	-0.000665	-0.001060	-0.001094
125	0.8768	-0.4421	0.1424	0.000000	-0.001033	-0.000450
126	0.9088	-0.4421	0.1302	0.000000	-0.000740	-0.000450
127	0.4043	-0.3450	0.1428	-0.000200	-0.000592	-0.001453
128	0.5204	-0.3458	0.1330	-0.000201	-0.000444	-0.001538
129	0.7268	-0.4165	0.1558	0.000000	-0.001801	-0.000646
130	0.5650	-0.3917	0.1556	0.000000	-0.001892	-0.000857
131	0.4066	-0.3676	0.1550	0.000000	-0.001712	-0.001047
132	0.9046	-0.2518	-0.1045	0.000000	-0.001055	-0.000450
133	0.8685	-0.2518	-0.0687	0.000000	-0.001018	-0.000450
134	0.5082	0.0627	-0.1091	-0.000604	-0.000658	-0.001560
135	0.3786	0.0628	-0.0578	-0.000616	-0.000408	-0.001363
136	0.7359	-0.2079	0.0280	0.000000	-0.002097	0.000284
137	0.5444	-0.1595	0.0290	0.000000	-0.002239	-0.000937
138	0.3667	0.1091	0.0299	0.000000	-0.001773	-0.001203
139	0.9410	0.2079	0.1571	0.000193	0.000000	-0.000450
140	0.9410	0.2483	0.0792	0.000186	0.000000	-0.000450
141	0.9410	0.3133	-0.1016	0.000284	0.000000	-0.000450
142	0.5565	-0.0892	0.1629	0.000445	-0.001067	-0.000586
143	0.5569	-0.1315	-0.0746	0.000382	-0.000991	-0.000460
144	0.5553	-0.2101	-0.1038	0.000251	-0.000657	-0.000714
145	0.8538	-0.1392	0.2477	0.000405	-0.001624	-0.000571
146	0.7543	-0.1058	0.2548	0.000433	-0.000838	-0.000750
147	0.6563	-0.0712	0.2579	0.000533	-0.001334	-0.000972
148	0.7759	0.3274	-0.1725	0.000195	-0.001363	-0.000838
149	0.6511	0.3116	-0.1723	0.000181	-0.001331	-0.000980
150	0.8685	-0.1736	0.1757	-0.000075	-0.000981	-0.000450
151	0.9046	-0.1706	0.2063	-0.000085	-0.001107	-0.000450
152	0.3541	-0.0739	0.1528	0.000611	-0.000409	-0.001078
153	0.4562	-0.0779	0.2061	0.000534	-0.000756	-0.001238
154	0.7375	-0.1472	0.1307	-0.000162	-0.002102	0.000225
155	0.5415	-0.1197	0.1184	-0.000174	-0.002262	-0.000817
156	0.3584	-0.0880	0.1077	-0.000138	-0.001795	-0.001052
157	0.9088	0.3577	-0.1753	0.000000	-0.000954	-0.000450
158	0.8768	0.3577	-0.1821	0.000000	-0.001125	-0.000450
159	0.4649	0.2956	-0.1740	0.000132	-0.000898	-0.001219
160	0.3736	0.2954	-0.1781	0.000124	-0.001020	-0.001145
161	0.7213	0.3415	-0.1878	0.000000	-0.001636	-0.000586
162	0.5699	0.3257	-0.1865	0.000000	-0.001818	-0.000739
163	0.4148	0.3103	-0.1850	0.000000	-0.001715	-0.000881
164	0.8150	-0.0846	0.0194	0.000000	-0.000998	-0.000450
165	0.3264	-0.0445	0.0210	-0.000290	-0.000795	0.000634
166	0.7449	-0.0777	0.0157	0.000000	-0.001666	-0.000487
167	0.5822	-0.0698	0.0161	0.000000	-0.002020	0.000244
168	0.4041	-0.0597	0.0118	0.000000	-0.001980	0.000594
169	0.6919	-0.0771	0.0353	-0.000087	-0.001379	-0.000406
170	0.5800	-0.0695	0.0384	-0.000084	-0.001190	-0.000308
171	0.4654	-0.0601	0.0385	-0.000137	-0.001455	0.000131
172	0.8150	-0.0326	-0.1291	0.000000	-0.000969	-0.000450
173	0.3253	-0.0254	-0.1234	0.000256	-0.000644	0.000648
174	0.6920	-0.0281	-0.1363	-0.000056	-0.001382	-0.000413
175	0.5801	-0.0236	-0.1387	-0.000047	-0.001188	-0.000308
176	0.4650	-0.0210	-0.1381	-0.000039	-0.001474	0.000136
177	0.7524	-0.0277	-0.1313	0.000000	-0.001776	-0.000573
178	0.5803	-0.0234	-0.1295	0.000000	-0.002123	0.000273
179	0.3942	-0.0213	-0.1216	0.000000	-0.002048	0.000657

180	0.6956	-0.4421	0.3208	0.000000	-0.000753	-0.000450
181	0.7126	-0.4421	0.2923	0.000000	-0.001000	-0.000450
182	0.7301	-0.4421	0.2652	0.000000	-0.001218	-0.000450
183	0.7483	-0.4421	0.2398	0.000000	-0.001386	-0.000450
184	0.7669	-0.4421	0.2162	0.000000	-0.001477	-0.000450
185	0.7861	-0.4421	0.1943	0.000000	-0.001481	-0.000450
186	0.8056	-0.4421	0.1740	0.000000	-0.001375	-0.000450
187	0.3982	-0.3317	0.3153	-0.000331	-0.000815	0.001038
188	0.2946	-0.3333	0.2878	-0.000316	-0.001004	0.000998
189	0.2069	-0.3350	0.2616	-0.000301	-0.001146	0.000735
190	0.1511	-0.3370	0.2369	-0.000287	-0.001223	0.000376
191	0.1329	-0.3389	0.2137	-0.000272	-0.001222	0.000069
192	0.1532	-0.3408	0.1921	-0.000257	-0.001134	-0.000438
193	0.2093	-0.3425	0.1720	-0.000244	-0.000952	-0.000823
194	0.6344	-0.4151	0.3484	-0.000303	-0.000523	0.000342
195	0.5865	-0.3880	0.3475	-0.000324	-0.000583	0.000320
196	0.5365	-0.3599	0.3461	-0.000341	-0.000593	0.000523
197	0.7968	-0.0460	-0.0512	-0.000056	0.000000	-0.000450
198	0.3598	-0.0283	-0.0502	-0.000032	-0.000945	-0.000342
199	0.7785	-0.0846	0.0309	0.000000	-0.001013	-0.000450
200	0.7606	-0.0846	0.0335	0.000000	-0.001011	-0.000450
201	0.7432	-0.0846	0.0362	0.000000	-0.000988	-0.000450
202	0.7263	-0.0846	0.0389	0.000000	-0.000921	-0.000450
203	0.7099	-0.0846	0.0415	0.000000	-0.000828	-0.000450
204	0.3548	-0.0525	0.0399	0.000033	-0.000982	-0.000286
205	0.3440	-0.0560	0.0385	0.000048	-0.000962	0.000260
206	0.3508	-0.0582	0.0372	0.000040	-0.000910	0.000257
207	0.3830	-0.0594	0.0366	0.000041	-0.000826	0.000480
208	0.4312	-0.0598	0.0358	0.000047	-0.000715	0.000533
209	0.6365	-0.0784	0.0394	0.000000	-0.000628	0.000328
210	0.5795	-0.0718	0.0377	0.000000	-0.000682	0.000249
211	0.5185	-0.0654	0.0364	0.000000	-0.000715	0.000322
212	0.7099	-0.0326	-0.0983	0.000000	-0.000842	-0.000450
213	0.7263	-0.0326	-0.1056	0.000000	-0.000940	-0.000450
214	0.7432	-0.0326	-0.1119	0.000000	-0.001005	-0.000450
215	0.7606	-0.0326	-0.1176	0.000000	-0.001019	-0.000450
216	0.7785	-0.0326	-0.1232	0.000000	-0.001019	-0.000450
217	0.4226	-0.0109	-0.0886	-0.000150	-0.000715	0.000587
218	0.3724	-0.0114	-0.0998	-0.000136	-0.000826	0.000473
219	0.3426	-0.0126	-0.1100	-0.000130	-0.000906	0.000229
220	0.3397	-0.0146	-0.1202	-0.000133	-0.000951	-0.000294
221	0.3539	-0.0178	-0.1300	-0.000109	-0.000963	-0.000307
222	0.6382	-0.0263	-0.0832	0.000000	-0.000601	0.000300
223	0.5831	-0.0210	-0.0806	0.000000	-0.000662	0.000271
224	0.5215	-0.0156	-0.0786	0.000000	-0.000748	0.000458
225	0.8056	0.3577	-0.1981	0.000000	-0.001361	-0.000450
226	0.7861	0.3577	-0.2077	0.000000	-0.001430	-0.000450
227	0.7669	0.3577	-0.2178	0.000000	-0.001422	-0.000450
228	0.7483	0.3577	-0.2283	0.000000	-0.001342	-0.000450
229	0.7301	0.3577	-0.2395	0.000000	-0.001186	-0.000450
230	0.7126	0.3577	-0.2518	0.000000	-0.000973	-0.000450
231	0.6956	0.3577	-0.2663	0.000000	-0.000725	-0.000450
232	0.2115	0.2947	-0.1927	0.000156	-0.001259	-0.000743
233	0.1598	0.2943	-0.2029	0.000153	-0.001353	-0.000419
234	0.1401	0.2937	-0.2133	0.000154	-0.001372	0.000075
235	0.1580	0.2930	-0.2243	0.000159	-0.001318	0.000376
236	0.2147	0.2921	-0.2362	0.000167	-0.001195	0.000753
237	0.3055	0.2910	-0.2492	0.000179	-0.001011	0.001044
238	0.4152	-0.2899	-0.2635	0.000191	-0.000782	0.001113
239	0.6421	0.3411	-0.2837	0.000184	-0.000408	0.000335
240	0.6007	0.3247	-0.2838	0.000192	-0.000542	0.000345
241	0.5558	0.3073	-0.2829	0.000219	-0.000517	0.000577
242	0.6342	-0.0790	0.0378	-0.000091	-0.000559	0.000331
243	0.5881	-0.0723	0.0372	-0.000071	-0.000501	0.000232
244	0.5404	-0.0655	0.0366	-0.000113	-0.000625	0.000263
245	0.6397	-0.0255	-0.0697	-0.000048	-0.000500	0.000295
246	0.5992	-0.0204	-0.0687	-0.000070	-0.000435	0.000203
247	0.5565	-0.0156	-0.0677	-0.000022	-0.000581	0.000385
248	0.6793	-0.3994	0.3030	-0.000213	0.000000	-0.000450
249	0.6793	-0.3007	0.2229	-0.000247	0.000000	-0.000450
250	0.6793	-0.2414	0.1769	-0.000247	0.000000	-0.000450
251	0.6793	-0.2067	0.1423	-0.000233	0.000000	-0.000450

252	0.6793	-0.1722	0.1083	-0.000203	0.000000	-0.000450
253	0.4862	-0.2947	0.2926	-0.000358	-0.000519	0.000616
254	0.4891	-0.1674	0.2241	-0.000348	-0.000259	-0.000662
255	0.4927	-0.0824	0.1745	-0.000320	-0.000416	-0.000346
256	0.4937	-0.0615	0.1436	-0.000284	-0.000456	-0.000202
257	0.4942	-0.0512	0.1122	-0.000230	-0.000448	-0.000075
258	0.6340	-0.1195	0.0798	-0.000240	0.000000	-0.000364
259	0.5874	-0.0959	0.0811	-0.000302	0.000000	0.000220
260	0.5405	-0.0695	0.0818	-0.000299	0.000000	0.000091
261	0.6793	-0.1110	0.0579	-0.000133	0.000000	-0.000450
262	0.4939	-0.0527	0.0592	-0.000101	-0.000428	0.000205
263	0.6793	-0.0904	-0.1309	0.000168	0.000000	-0.000450
264	0.6793	-0.1258	-0.1609	0.000204	0.000000	-0.000450
265	0.6793	-0.1614	-0.1904	0.000218	0.000000	-0.000450
266	0.6793	0.2487	-0.2197	-0.000172	0.000000	-0.000450
267	0.6793	0.3178	-0.2460	-0.000150	0.000000	-0.000450
268	0.5166	-0.0362	-0.1341	-0.000106	-0.000380	-0.000175
269	0.5168	-0.0273	-0.1614	-0.000147	-0.000382	-0.000318
270	0.5166	-0.0525	-0.1868	-0.000174	-0.000305	-0.000448
271	0.5141	0.1479	-0.2071	0.000195	0.000044	-0.000671
272	0.5120	0.2625	-0.2418	0.000205	-0.000412	0.000538
273	0.6394	-0.0448	-0.1052	0.000159	0.000000	-0.000348
274	0.5984	-0.0369	-0.1067	0.000206	0.000000	0.000212
275	0.5569	-0.0401	-0.1074	0.000192	0.000000	0.000107
276	0.6793	-0.0320	-0.0867	-0.000052	0.000000	-0.000450
277	0.5148	-0.0306	-0.0879	-0.000100	-0.000367	0.000248
278	1.1926	-0.4913	0.0907	-0.000229	0.000000	-0.000543
279	1.1926	-0.4120	0.0573	-0.000173	0.000000	-0.000543
280	1.1926	-0.3625	0.0604	-0.000145	0.000000	-0.000543
281	1.1079	-0.5010	0.1138	-0.000294	-0.001023	-0.000452
282	1.0098	-0.4720	0.1164	-0.000346	-0.001158	0.000346
283	1.1408	-0.3059	-0.1101	-0.000123	-0.001143	-0.000437
284	1.0791	-0.2931	-0.1236	-0.000219	-0.000513	-0.000424
285	1.0105	-0.2749	-0.1347	-0.000252	-0.001337	-0.000440
286	1.1140	-0.5429	0.1367	0.000000	-0.000388	-0.000543
287	1.1532	-0.5429	0.1226	0.000000	-0.000312	-0.000543
288	1.0406	-0.5178	0.1525	0.000000	-0.000481	-0.000486
289	0.9933	-0.4926	0.1537	0.000000	-0.000736	-0.000408
290	0.9225	-0.4673	0.1548	0.000000	-0.001101	-0.000388
291	1.1481	-0.3131	-0.0843	0.000000	-0.000434	-0.000543
292	1.1038	-0.3131	0.0726	0.000000	-0.000348	-0.000543
293	1.0326	-0.3059	0.0600	0.000000	-0.000688	-0.000403
294	0.9686	-0.2939	0.0544	0.000000	-0.000956	-0.000519
295	0.8836	-0.2758	0.0465	0.000000	-0.001226	-0.000780
296	1.1926	0.2422	0.1511	0.000140	0.000000	-0.000543
297	1.1926	0.2909	0.0829	0.000227	0.000000	-0.000543
298	1.1926	0.3694	-0.0937	0.000323	0.000000	-0.000543
299	1.1328	0.1899	0.2204	-0.000032	-0.001183	-0.000506
300	1.0712	0.1865	0.2228	0.000101	-0.000439	-0.000434
301	1.0058	0.1797	0.2282	0.000079	-0.001353	-0.000417
302	1.0881	0.3952	-0.1667	0.000206	-0.000822	-0.000415
303	1.0135	0.3763	-0.1668	0.000219	-0.000845	-0.000370
304	1.1038	0.2008	0.1877	-0.000046	-0.000593	-0.000543
305	1.1481	0.1972	0.2031	-0.000072	-0.000939	-0.000543
306	1.0297	0.1993	0.1739	-0.000061	-0.000798	0.000326
307	0.9612	0.1954	0.1685	-0.000072	-0.000942	-0.000477
308	0.8783	0.1894	0.1593	-0.000089	-0.001160	-0.000797
309	1.1532	0.4230	-0.1769	0.000000	-0.000784	-0.000543
310	1.1140	0.4230	-0.1845	0.000000	-0.000564	-0.000543
311	1.0328	0.4066	-0.1912	0.000000	-0.000395	-0.000454
312	0.9913	0.3902	-0.1904	0.000000	-0.000672	0.000386
313	0.9284	0.3739	-0.1896	0.000000	-0.000960	-0.000392
314	1.0382	-0.1112	0.0109	0.000000	-0.000525	-0.000543
315	1.0310	-0.1047	0.0057	0.000000	-0.000660	-0.000576
316	0.9754	-0.0993	0.0076	0.000000	-0.000769	-0.000602
317	0.9076	-0.0933	0.0091	0.000000	-0.000981	-0.000381
318	0.9657	-0.1046	0.0155	-0.000086	-0.000671	-0.000507
319	0.9132	-0.0981	0.0178	-0.000081	-0.000703	-0.000470
320	0.8589	-0.0915	0.0220	-0.000091	-0.000676	-0.000459
321	1.0382	-0.0438	-0.1197	0.000000	-0.000475	-0.000543
322	0.9660	-0.0416	-0.1176	-0.000033	-0.000686	-0.000513
323	0.9133	-0.0388	-0.1200	-0.000045	-0.000697	-0.000469

324	0.8589	-0.0357	-0.1241	-0.000040	-0.000681	-0.000452
325	1.0366	-0.0413	-0.1234	0.000000	-0.000737	-0.000628
326	0.9748	-0.0376	-0.1262	0.000000	-0.000847	-0.000598
327	0.9002	-0.0341	-0.1275	0.000000	-0.001073	0.000303
328	0.8715	-0.5429	0.3189	0.000000	-0.000351	-0.000543
329	0.8960	-0.5429	0.2889	0.000000	-0.000257	-0.000543
330	0.9210	-0.5429	0.2618	0.000000	-0.000211	-0.000543
331	0.9466	-0.5429	0.2367	0.000000	-0.000187	-0.000543
332	0.9728	-0.5429	0.2133	0.000000	-0.000186	-0.000543
333	0.9993	-0.5429	0.1913	0.000000	-0.000215	-0.000543
334	1.0263	-0.5429	0.1706	0.000000	-0.000300	-0.000543
335	0.8062	-0.5148	0.3538	-0.000189	-0.000534	-0.000665
336	0.7650	-0.4910	0.3527	-0.000388	-0.000532	-0.000623
337	0.7225	-0.4661	0.3516	-0.000285	-0.000582	-0.000537
338	1.0141	-0.0644	-0.0519	-0.000052	0.000000	-0.000543
339	0.9889	-0.1112	0.0224	0.000000	-0.000416	-0.000543
340	0.9640	-0.1112	0.0283	0.000000	-0.000279	-0.000543
341	0.9395	-0.1112	0.0337	0.000000	-0.000250	-0.000543
342	0.9155	-0.1112	0.0393	0.000000	-0.000264	-0.000543
343	0.8920	-0.1112	0.0461	0.000000	-0.000305	-0.000543
344	0.8468	-0.1034	0.0535	0.000000	-0.000399	-0.000486
345	0.8077	-0.0961	0.0512	0.000000	-0.000616	-0.000497
346	0.7526	-0.0896	0.0478	0.000000	-0.000808	-0.000497
347	0.8920	-0.0438	-0.1113	0.000000	-0.000240	-0.000543
348	0.9155	-0.0438	-0.1120	0.000000	-0.000261	-0.000543
349	0.9395	-0.0438	-0.1135	0.000000	-0.000274	-0.000543
350	0.9640	-0.0438	-0.1154	0.000000	-0.000306	-0.000543
351	0.9889	-0.0438	-0.1166	0.000000	-0.000414	-0.000543
352	0.8497	-0.0429	-0.1074	0.000000	-0.000385	-0.000490
353	0.8103	-0.0408	-0.1016	0.000000	-0.000637	-0.000492
354	0.7533	-0.0376	-0.0953	0.000000	-0.000836	-0.000502
355	1.0263	0.4230	-0.2021	0.000000	-0.000304	-0.000543
356	0.9993	0.4230	-0.2118	0.000000	-0.000234	-0.000543
357	0.9728	0.4230	-0.2214	0.000000	-0.000199	-0.000543
358	0.9466	0.4230	-0.2306	0.000000	-0.000198	-0.000543
359	0.9210	0.4230	-0.2395	0.000000	-0.000217	-0.000543
360	0.8960	0.4230	-0.2481	0.000000	-0.000244	-0.000543
361	0.8715	0.4230	-0.2564	0.000000	-0.000264	-0.000543
362	0.8144	0.4090	-0.2756	0.000223	-0.000571	-0.000557
363	0.7721	0.3925	-0.2829	0.000218	-0.000536	-0.000539
364	0.7252	0.3749	-0.2859	0.000246	-0.000684	-0.000503
365	0.8477	-0.4959	0.3102	-0.000734	0.000000	-0.000543
366	0.8477	-0.4489	0.2744	-0.000696	0.000000	-0.000543
367	0.8477	-0.3721	0.2217	-0.000625	0.000000	-0.000543
368	0.8477	-0.3005	0.1736	-0.000514	0.000000	-0.000543
369	0.8477	-0.2587	0.1398	-0.000458	0.000000	-0.000543
370	0.8477	-0.2170	0.1037	-0.000419	0.000000	-0.000543
371	0.8060	-0.1604	0.0671	-0.000184	0.000000	-0.000476
372	0.7637	-0.1525	0.0682	-0.000053	0.000000	-0.000486
373	0.7210	-0.1477	0.0709	-0.000084	0.000000	-0.000464
374	0.8477	-0.1085	-0.1449	-0.000012	0.000000	-0.000543
375	0.8477	-0.1592	-0.1715	0.000029	0.000000	-0.000543
376	0.8477	0.2104	-0.1976	0.000063	0.000000	-0.000543
377	0.8477	0.2914	-0.2175	0.000112	0.000000	-0.000543
378	0.8477	0.3721	-0.2386	0.000121	0.000000	-0.000543
379	0.8111	-0.0614	-0.1063	-0.000052	0.000000	-0.000525
380	0.7686	-0.0638	-0.0975	-0.000026	0.000000	-0.000499
381	0.7235	-0.0623	-0.0953	-0.000058	0.000000	-0.000477
382	1.2291	-0.5213	0.0850	0.000064	0.000000	-0.000565
383	1.2291	-0.4734	0.0668	0.000090	0.000000	-0.000565
384	1.2291	-0.4256	0.0507	-0.000074	0.000000	-0.000565
385	1.2291	-0.3779	0.0516	-0.000022	0.000000	-0.000565
386	1.2215	-0.5667	0.1036	-0.000028	-0.000091	-0.000472
387	1.2121	-0.5608	0.1049	-0.000107	-0.000117	-0.000416
388	1.2025	-0.5531	0.1059	-0.000057	-0.000088	-0.000419
389	1.2241	-0.3295	0.0653	-0.000027	-0.000099	-0.000547
390	1.2179	-0.3279	0.0702	-0.000005	-0.000038	-0.000523
391	1.2075	-0.3228	-0.0792	-0.000127	-0.000245	-0.000498
392	1.1471	-0.5691	0.1302	0.000000	0.000034	-0.000565
393	1.1880	-0.5691	0.1155	0.000000	-0.000023	-0.000565
394	1.1067	-0.5620	0.1474	0.000000	0.000083	-0.000572
395	1.1024	-0.5531	0.1492	0.000000	-0.000168	-0.000570

396	1.1827	-0.3301	0.0690	0.000000	-0.000018	-0.000565
397	1.1365	-0.3301	0.0700	0.000000	0.000059	-0.000565
398	1.0870	-0.3290	0.0675	0.000000	0.000067	-0.000620
399	1.0743	-0.3238	0.0648	0.000000	-0.000292	-0.000661
400	1.2291	0.3878	-0.1040	0.000375	0.000000	-0.000565
401	1.2291	0.3400	-0.0487	0.000305	0.000000	-0.000565
402	1.2291	0.2923	0.0905	0.000245	0.000000	-0.000565
403	1.2291	0.2446	0.1549	0.000192	0.000000	-0.000565
404	1.1827	0.2008	0.2025	-0.000039	-0.000511	-0.000565
405	1.1365	0.2046	0.1875	-0.000024	-0.000316	-0.000565
406	1.1471	0.4355	-0.1846	0.000000	-0.000358	-0.000565
407	1.1880	0.4355	-0.1768	0.000000	-0.000625	-0.000565
408	1.0681	-0.1202	0.0117	0.000000	0.000096	-0.000565
409	1.1125	-0.1188	0.0093	0.000000	0.000150	-0.000582
410	1.1079	-0.1162	0.0073	0.000000	-0.000216	-0.000562
411	1.0474	-0.1183	0.0153	0.000000	0.000048	-0.000600
412	1.0426	-0.1152	0.0154	0.000000	-0.000169	-0.000574
413	1.0681	-0.0490	-0.1191	0.000000	-0.000080	-0.000565
414	1.0369	-0.0465	-0.1172	0.000000	-0.000139	-0.000573
415	0.8866	-0.5691	0.3220	0.000000	-0.000237	-0.000565
416	0.9098	-0.5691	0.2947	0.000000	-0.000170	-0.000565
417	0.9335	-0.5691	0.2692	0.000000	-0.000111	-0.000565
418	0.9577	-0.5691	0.2457	0.000000	-0.000080	-0.000565
419	0.9823	-0.5691	0.2238	0.000000	-0.000053	-0.000565
420	1.0072	-0.5691	0.2030	0.000000	-0.000021	-0.000565
421	1.0326	-0.5691	0.1833	0.000000	0.000014	-0.000565
422	1.0595	-0.5691	0.1642	0.000000	0.000039	-0.000565
423	1.0150	-0.1202	0.0209	0.000000	0.000027	-0.000565
424	0.9885	-0.1202	0.0271	0.000000	0.000012	-0.000565
425	0.9623	-0.1202	0.0333	0.000000	-0.000048	-0.000565
426	0.9367	-0.1202	0.0394	0.000000	-0.000061	-0.000565
427	0.9115	-0.1202	0.0462	0.000000	-0.000132	-0.000565
428	1.0150	-0.0490	-0.1165	0.000000	0.000004	-0.000565
429	0.9885	-0.0490	-0.1154	0.000000	0.000019	-0.000565
430	0.9623	-0.0490	-0.1149	0.000000	0.000040	-0.000565
431	0.9367	-0.0490	-0.1156	0.000000	0.000050	-0.000565
432	0.9115	-0.0490	-0.1179	0.000000	0.000042	-0.000565
433	0.8855	-0.0480	-0.1208	0.000000	0.000024	-0.000603
434	0.8846	-0.0466	-0.1194	0.000000	-0.000044	-0.000633
435	0.8786	-0.0449	-0.1173	0.000000	-0.000099	-0.000628
436	0.8866	0.4355	-0.2460	0.000000	0.000019	-0.000565
437	0.9098	0.4355	-0.2458	0.000000	0.000042	-0.000565
438	0.9335	0.4355	-0.2421	0.000000	0.000053	-0.000565
439	0.9577	0.4355	-0.2359	0.000000	0.000031	-0.000565
440	0.9823	0.4355	-0.2282	0.000000	-0.000005	-0.000565
441	1.0072	0.4355	-0.2198	0.000000	-0.000041	-0.000565
442	1.0326	0.4355	-0.2109	0.000000	-0.000083	-0.000565
443	1.0595	0.4355	-0.2018	0.000000	-0.000104	-0.000565
444	0.8618	0.4350	-0.2437	0.000003	-0.000005	-0.000562
445	0.8592	0.4331	-0.2467	0.000044	-0.000067	-0.000566
446	0.8562	0.4295	-0.2527	0.000030	0.000021	-0.000570
447	0.8602	-0.0480	-0.1251	-0.000014	-0.000059	-0.000572
448	0.8553	-0.0465	-0.1234	-0.000026	-0.000051	-0.000604
449	0.8504	-0.0445	-0.1222	-0.000017	-0.000053	-0.000591
450	0.8639	-0.5144	0.3045	-0.000864	0.000000	-0.000565
451	0.8639	-0.4597	0.2665	-0.000755	0.000000	-0.000565
452	0.8639	-0.4050	0.2309	-0.000688	0.000000	-0.000565
453	0.8639	-0.3504	0.1965	-0.000631	0.000000	-0.000565
454	0.8639	-0.2958	0.1574	-0.000535	0.000000	-0.000565
455	0.8639	-0.2413	0.1131	-0.000544	0.000000	-0.000565
456	0.8639	-0.1098	-0.1560	0.000044	0.000000	-0.000565
457	0.8639	-0.1634	-0.1732	0.000070	0.000000	-0.000565
458	0.8639	0.2176	-0.1906	0.000092	0.000000	-0.000565
459	0.8639	0.2720	-0.2070	0.000100	0.000000	-0.000565
460	0.8639	0.3264	-0.2215	0.000087	0.000000	-0.000565
461	0.8639	0.3810	-0.2335	0.000041	0.000000	-0.000565
462	0.8605	-0.0593	-0.1400	-0.000055	0.000000	-0.000572
463	0.8564	-0.0613	-0.1381	-0.000016	0.000000	-0.000564
464	0.8515	-0.0603	-0.1338	0.000028	0.000000	-0.000544
465	0.8639	-0.0415	-0.1326	-0.000006	0.000000	-0.000565
466	0.8477	-0.0383	-0.1265	0.000013	0.000000	-0.000543
467	0.7060	-0.3214	0.0882	-0.000232	0.000000	-0.001280

468	0.8292	-0.3498	0.0848	-0.000369	0.000000	-0.001171
469	0.9232	-0.3912	0.1040	-0.000485	0.000000	-0.000634
470	0.9255	-0.3651	0.1112	-0.000515	0.000000	0.000354
471	0.9046	-0.3454	0.1128	-0.000426	0.000000	-0.000384
472	0.8054	-0.3047	0.1233	-0.000471	0.000000	0.000382
473	0.7146	-0.2572	0.1182	-0.000570	0.000000	0.000391
474	0.7131	-0.2192	0.0561	-0.000589	0.000000	-0.000410
475	0.7137	-0.1778	-0.0883	-0.000579	0.000000	-0.000469
476	0.8016	-0.2677	0.0567	-0.000493	0.000000	-0.000392
477	0.7951	-0.2232	-0.0873	-0.000482	0.000000	-0.000542
478	0.8728	-0.2614	0.0837	-0.000407	0.000000	-0.000509
479	0.8803	-0.3046	0.0595	-0.000376	0.000000	-0.000413
480	0.8409	-0.4179	0.1318	0.000000	-0.000937	-0.000959
481	0.7770	-0.4170	0.1432	0.000000	-0.001332	-0.000632
482	0.6026	-0.3698	0.1333	0.000000	-0.001384	-0.001360
483	0.7335	-0.3934	0.1329	0.000000	-0.001506	-0.001162
484	0.6426	-0.3925	0.1434	0.000000	-0.001727	-0.001064
485	0.4979	-0.3685	0.1433	0.000000	-0.001532	-0.001291
486	0.7664	-0.2089	-0.0655	0.000000	-0.001344	-0.000527
487	0.8159	-0.2088	-0.1072	0.000000	-0.001018	-0.000657
488	0.4720	0.1095	-0.0599	0.000000	-0.001673	-0.001275
489	0.6266	-0.1602	-0.0623	0.000000	-0.001848	-0.000968
490	0.7116	-0.1602	-0.1087	0.000000	-0.001338	-0.001011
491	0.5956	0.1093	-0.1090	0.000000	-0.001311	-0.001577
492	0.6610	-0.2093	-0.0797	0.000448	0.000000	-0.000437
493	0.7695	0.2453	-0.0796	0.000346	0.000000	-0.000427
494	0.8779	0.2723	-0.0700	0.000251	0.000000	-0.000416
495	0.8859	0.2943	-0.1010	0.000283	0.000000	-0.000390
496	0.8852	0.3188	-0.1328	0.000291	0.000000	-0.000524
497	0.7753	0.2919	-0.1216	0.000270	0.000000	-0.000840
498	0.6517	-0.2704	-0.1235	0.000177	0.000000	-0.000983
499	0.6573	-0.1261	0.1632	0.000477	0.000000	-0.000476
500	0.6585	-0.1680	-0.0771	0.000463	0.000000	-0.000451
501	0.8540	-0.1877	0.1598	0.000288	0.000000	-0.000517
502	0.7581	-0.1608	0.1624	0.000354	0.000000	-0.000534
503	0.7619	-0.2044	-0.0779	0.000375	0.000000	-0.000429
504	0.8592	0.2310	0.0781	0.000242	0.000000	-0.000433
505	0.8061	-0.1435	0.2072	-0.000089	-0.001151	-0.000577
506	0.7623	-0.1464	0.1696	-0.000108	-0.001405	-0.000478
507	0.5547	-0.0770	0.2067	-0.000108	-0.001409	-0.001351
508	0.6850	-0.1110	0.2074	-0.000115	-0.001494	-0.000874
509	0.6123	-0.1157	0.1633	-0.000150	-0.001944	-0.000829
510	0.4492	-0.0832	0.1577	-0.000129	-0.001679	-0.001084
511	0.7698	0.3418	-0.1814	0.000000	-0.001417	-0.000601
512	0.8214	0.3420	-0.1756	0.000000	-0.001193	-0.000695
513	0.4899	0.3107	-0.1794	0.000000	-0.001592	-0.001012
514	0.6345	0.3261	-0.1805	0.000000	-0.001664	-0.000836
515	0.7031	0.3264	-0.1755	0.000000	-0.001497	-0.000864
516	0.5704	0.3111	-0.1748	0.000000	-0.001436	-0.001054
517	0.7115	-0.0776	0.0225	0.000000	-0.001377	-0.000484
518	0.5823	-0.0698	0.0243	0.000000	-0.001581	0.000165
519	0.4392	-0.0599	0.0231	0.000000	-0.001735	0.000619
520	0.7137	-0.0277	-0.1309	0.000000	-0.001365	-0.000529
521	0.5822	-0.0232	-0.1309	0.000000	-0.001642	0.000171
522	0.4343	-0.0209	-0.1276	0.000000	-0.001785	0.000701
523	0.3286	-0.3667	0.1729	0.000000	-0.001774	-0.000679
524	0.4976	-0.3913	0.1736	0.000000	-0.002111	-0.000634
525	0.6681	-0.4165	0.1740	0.000000	-0.001813	-0.000621
526	0.2859	-0.3656	0.1929	0.000000	-0.001885	-0.000392
527	0.4606	-0.3908	0.1936	0.000000	-0.002094	-0.000425
528	0.6366	-0.4163	0.1941	0.000000	-0.001923	-0.000434
529	0.2697	-0.3643	0.2146	0.000000	-0.001891	0.000110
530	0.4439	-0.3900	0.2154	0.000000	-0.002081	-0.000215
531	0.6187	-0.4160	0.2159	0.000000	-0.001906	-0.000348
532	0.2839	-0.3630	0.2380	0.000000	-0.001803	0.000304
533	0.4482	-0.3893	0.2389	0.000000	-0.001941	0.000184
534	0.6104	-0.4156	0.2395	0.000000	-0.001760	0.000280
535	0.3280	-0.3618	0.2629	0.000000	-0.001609	0.000588
536	0.4720	-0.3885	0.2639	0.000000	-0.001674	0.000352
537	0.6112	-0.4153	0.2647	0.000000	-0.001500	0.000244
538	0.6186	-0.4150	0.2916	0.000000	-0.001151	0.000247
539	0.6282	-0.4150	0.3198	0.000000	-0.000792	0.000283

540	0.3963	-0.3607	0.2892	0.000000	-0.001314	0.000790
541	0.5112	-0.3880	0.2905	0.000000	-0.001305	0.000475
542	0.5547	-0.3878	0.3184	0.000000	-0.000890	0.000452
543	0.4748	-0.3601	0.3169	0.000000	-0.000933	0.000807
544	0.6918	-0.0414	-0.0509	-0.000052	0.000000	-0.000426
545	0.5798	-0.0366	-0.0504	-0.000061	0.000000	-0.000445
546	0.4664	-0.0317	-0.0501	-0.000050	0.000000	-0.000556
547	0.4931	-0.0647	0.0366	0.000000	-0.000803	0.000328
548	0.5665	-0.0708	0.0380	0.000000	-0.000875	0.000239
549	0.6392	-0.0773	0.0396	0.000000	-0.000794	0.000346
550	0.4641	-0.0640	0.0371	0.000000	-0.001060	0.000355
551	0.5560	-0.0699	0.0377	0.000000	-0.001044	0.000238
552	0.6439	-0.0767	0.0384	0.000000	-0.000966	0.000354
553	0.4445	-0.0630	0.0374	0.000000	-0.001235	0.000203
554	0.5519	-0.0692	0.0372	0.000000	-0.001215	0.000276
555	0.6526	-0.0764	0.0368	0.000000	-0.001085	-0.000379
556	0.6665	-0.0762	0.0351	0.000000	-0.001147	-0.000419
557	0.6797	-0.0763	0.0338	0.000000	-0.001240	-0.000334
558	0.4425	-0.0619	0.0380	0.000000	-0.001288	0.000264
559	0.5578	-0.0688	0.0367	0.000000	-0.001334	-0.000344
560	0.5694	-0.0690	0.0364	0.000000	-0.001280	-0.000315
561	0.4559	-0.0611	0.0383	0.000000	-0.001315	-0.000396
562	0.4547	-0.0205	-0.1288	0.000000	-0.001324	-0.000431
563	0.5687	-0.0243	-0.1274	0.000000	-0.001282	-0.000330
564	0.6792	-0.0289	-0.1253	0.000000	-0.001244	-0.000338
565	0.4381	-0.0198	-0.1202	0.000000	-0.001297	-0.000289
566	0.5547	-0.0245	-0.1194	0.000000	-0.001357	-0.000368
567	0.6653	-0.0290	-0.1185	0.000000	-0.001166	-0.000428
568	0.4370	-0.0187	-0.1108	0.000000	-0.001255	0.000221
569	0.5467	-0.0241	-0.1112	0.000000	-0.001249	0.000288
570	0.6503	-0.0289	-0.1115	0.000000	-0.001119	-0.000387
571	0.6414	-0.0285	-0.1039	0.000000	-0.001004	0.000350
572	0.6380	-0.0277	-0.0949	0.000000	-0.000808	0.000330
573	0.4549	-0.0175	-0.1009	0.000000	-0.001092	0.000354
574	0.5500	-0.0233	-0.1022	0.000000	-0.001085	0.000238
575	0.5631	-0.0221	-0.0921	0.000000	-0.000911	0.000268
576	0.4862	-0.0165	-0.0900	0.000000	-0.000844	0.000372
577	0.4888	0.3074	-0.2646	0.000000	-0.000896	0.000851
578	0.5650	0.3246	-0.2657	0.000000	-0.000839	0.000489
579	0.6329	0.3412	-0.2664	0.000000	-0.000715	0.000268
580	0.4069	0.3079	-0.2504	0.000000	-0.001298	0.000815
581	0.5187	0.3248	-0.2513	0.000000	-0.001255	0.000488
582	0.6219	0.3414	-0.2518	0.000000	-0.001103	0.000251
583	0.3377	0.3086	-0.2373	0.000000	-0.001605	0.000582
584	0.4798	0.3251	-0.2383	0.000000	-0.001634	0.000339
585	0.6149	0.3416	-0.2390	0.000000	-0.001448	0.000250
586	0.2955	0.3091	-0.2255	0.000000	-0.001815	0.000275
587	0.4581	0.3255	-0.2265	0.000000	-0.001892	0.000167
588	0.6153	0.3417	-0.2275	0.000000	-0.001693	0.000295
589	0.2844	0.3096	-0.2144	0.000000	-0.001913	-0.000139
590	0.4569	0.3257	-0.2156	0.000000	-0.002019	-0.000247
591	0.6250	0.3418	-0.2167	0.000000	-0.001817	-0.000359
592	0.6435	0.3418	-0.2065	0.000000	-0.001824	-0.000437
593	0.6706	0.3417	-0.1968	0.000000	-0.001747	-0.000531
594	0.3030	0.3100	-0.2040	0.000000	-0.001906	-0.000410
595	0.4751	0.3258	-0.2052	0.000000	-0.002019	-0.000421
596	0.5095	0.3258	-0.1955	0.000000	-0.001965	-0.000590
597	0.3454	0.3102	-0.1940	0.000000	-0.001808	-0.000654
598	0.5379	-0.2743	0.2501	-0.000547	0.000000	0.000631
599	0.5922	-0.3166	0.2525	0.000366	0.000000	0.000499
600	0.6477	-0.3429	0.2583	0.000217	0.000000	-0.000453
601	0.6566	-0.2993	0.2306	-0.000262	0.000000	-0.000517
602	0.6505	-0.2538	0.2098	-0.000367	0.000000	-0.000483
603	0.5936	-0.2077	0.2128	-0.000611	0.000000	-0.000441
604	0.5412	-0.1546	0.2102	-0.000525	0.000000	-0.000410
605	0.5371	-0.3275	0.2964	-0.000376	0.000000	0.000564
606	0.5886	-0.3576	0.2993	-0.000307	0.000000	0.000444
607	0.6374	-0.3810	0.3012	-0.000235	0.000000	0.000420
608	0.5402	-0.1228	0.1749	-0.000551	0.000000	-0.000386
609	0.5408	-0.0966	0.1432	-0.000491	0.000000	-0.000272
610	0.5406	-0.0792	0.1121	-0.000401	0.000000	-0.000163
611	0.5876	-0.1153	0.1114	-0.000419	0.000000	-0.000280

612	0.6338	-0.1485	0.1102	-0.000341	0.000000	-0.000385
613	0.5915	-0.1723	0.1758	-0.000536	0.000000	-0.000411
614	0.5885	-0.1405	0.1429	-0.000500	0.000000	-0.000351
615	0.6354	-0.1799	0.1428	-0.000399	0.000000	-0.000410
616	0.6392	-0.2137	0.1766	-0.000428	0.000000	-0.000434
617	0.6343	-0.0984	0.0579	-0.000153	0.000000	-0.000351
618	0.5878	-0.0838	0.0585	-0.000180	0.000000	0.000215
619	0.5405	-0.0666	0.0588	-0.000210	0.000000	0.000159
620	0.5570	0.1142	-0.2191	-0.000317	0.000000	-0.000486
621	0.6040	0.1475	-0.2246	-0.000406	0.000000	-0.000469
622	0.6581	0.1798	-0.2211	-0.000283	0.000000	-0.000482
623	0.6774	0.2246	-0.2238	-0.000188	0.000000	-0.000512
624	0.6621	0.2692	-0.2138	-0.000170	0.000000	-0.000467
625	0.6061	0.2581	-0.2078	-0.000253	0.000000	0.000485
626	0.5565	0.2357	-0.2082	-0.000342	0.000000	0.000572
627	0.6388	-0.0725	-0.1320	0.000261	0.000000	-0.000387
628	0.5981	-0.0502	-0.1331	0.000301	0.000000	-0.000307
629	0.5571	-0.0384	-0.1339	0.000262	0.000000	-0.000235
630	0.5567	-0.0469	-0.1607	0.000320	0.000000	-0.000358
631	0.5557	-0.0768	-0.1871	-0.000352	0.000000	-0.000462
632	0.6402	-0.1040	-0.1606	0.000307	0.000000	-0.000421
633	0.5987	-0.0758	-0.1603	0.000355	0.000000	-0.000394
634	0.6007	-0.1088	-0.1885	-0.000369	0.000000	-0.000451
635	0.6448	-0.1391	-0.1899	0.000320	0.000000	-0.000448
636	0.6760	0.2437	-0.2196	-0.000173	0.000000	-0.000474
637	0.6730	0.2619	-0.2147	-0.000151	0.000000	-0.000467
638	0.5558	0.2807	-0.2455	-0.000215	0.000000	0.000503
639	0.6041	0.2970	-0.2475	-0.000168	0.000000	0.000426
640	0.6469	0.3079	-0.2470	-0.000115	0.000000	0.000434
641	0.6399	-0.0306	-0.0867	0.000066	0.000000	0.000321
642	0.5989	-0.0306	-0.0874	0.000088	0.000000	0.000181
643	0.5568	-0.0330	-0.0877	0.000117	0.000000	0.000201
644	1.0108	-0.4577	0.0838	-0.000304	0.000000	-0.000376
645	1.1070	-0.4831	0.0806	-0.000296	0.000000	-0.000447
646	1.1814	-0.5098	0.0932	-0.000317	0.000000	-0.000484
647	1.1862	-0.4824	0.0908	-0.000227	0.000000	-0.000521
648	1.1758	-0.4537	0.0927	-0.000191	0.000000	-0.000532
649	1.1019	-0.4351	0.1142	-0.000238	0.000000	-0.000510
650	1.0222	-0.4092	0.1211	-0.000347	0.000000	-0.000506
651	1.0194	-0.3628	0.0603	-0.000329	0.000000	-0.000480
652	1.0165	-0.3179	0.0749	-0.000275	0.000000	-0.000480
653	1.0950	-0.3860	0.0592	-0.000235	0.000000	-0.000518
654	1.0851	-0.3367	0.0699	-0.000215	0.000000	-0.000512
655	1.1457	-0.3513	0.0647	-0.000171	0.000000	-0.000541
656	1.1527	-0.4010	0.0587	-0.000179	0.000000	-0.000525
657	1.1242	-0.5223	0.1241	0.000000	-0.000604	-0.000574
658	1.0796	-0.5195	0.1382	0.000000	-0.000562	-0.000524
659	0.9839	-0.4704	0.1281	0.000000	-0.001000	0.000318
660	1.0638	-0.4970	0.1262	0.000000	-0.000937	-0.000461
661	1.0254	-0.4944	0.1397	0.000000	-0.000845	-0.000427
662	0.9545	-0.4684	0.1412	0.000000	-0.000919	-0.000425
663	1.0686	-0.3067	-0.0730	0.000000	-0.000580	-0.000507
664	1.1068	-0.3072	-0.0900	0.000000	-0.000655	-0.000437
665	0.9401	-0.2767	-0.0709	0.000000	-0.000857	-0.000550
666	1.0099	-0.2947	-0.0725	0.000000	-0.000934	-0.000505
667	1.0464	-0.2945	-0.0957	0.000000	-0.000894	-0.000409
668	0.9777	-0.2761	-0.1008	0.000000	-0.000865	-0.000394
669	1.0176	0.3049	-0.0611	0.000145	0.000000	-0.000476
670	1.0909	0.3157	-0.0581	0.000101	0.000000	-0.000474
671	1.1614	0.3294	-0.0570	0.000220	0.000000	-0.000499
672	1.1608	0.3576	-0.0937	0.000291	0.000000	-0.000544
673	1.1598	0.3889	-0.1350	0.000197	0.000000	-0.000583
674	1.0877	0.3762	-0.1339	0.000140	0.000000	-0.000443
675	1.0137	0.3599	-0.1336	0.000233	0.000000	-0.000378
676	1.0098	0.2201	0.1543	0.000120	0.000000	-0.000473
677	1.0138	0.2623	0.0809	0.000147	0.000000	-0.000456
678	1.1340	0.2340	0.1516	0.000082	0.000000	-0.000484
679	1.0743	0.2280	0.1523	0.000086	0.000000	-0.000482
680	1.0788	0.2716	0.0820	0.000096	0.000000	-0.000478
681	1.1401	0.2795	0.0825	0.000121	0.000000	-0.000513
682	1.0918	0.1939	0.2040	-0.000043	-0.000564	-0.000496
683	1.0566	0.1973	0.1866	-0.000047	-0.000617	-0.000404

684	0.9750	0.1828	0.2053	-0.000056	-0.000733	-0.000385
685	1.0371	0.1898	0.2045	-0.000064	-0.000828	-0.000434
686	0.9999	0.1929	0.1842	-0.000064	-0.000836	-0.000493
687	0.9368	0.1860	0.1802	-0.000059	-0.000768	-0.000571
688	1.0704	0.4081	-0.1838	0.000000	-0.000643	-0.000485
689	1.1063	0.4093	-0.1762	0.000000	-0.000678	-0.000443
690	0.9587	0.3746	-0.1825	0.000000	-0.000888	-0.000379
691	1.0205	0.3915	-0.1831	0.000000	-0.000656	0.000379
692	1.0509	0.3926	-0.1754	0.000000	-0.000747	0.000387
693	0.9849	0.3751	-0.1751	0.000000	-0.000847	0.000344
694	0.9911	-0.1046	0.0113	0.000000	-0.000687	-0.000600
695	0.9352	-0.0989	0.0131	0.000000	-0.000753	-0.000558
696	0.8793	-0.0929	0.0159	0.000000	-0.000697	-0.000494
697	0.9931	-0.0416	-0.1209	0.000000	-0.000687	-0.000636
698	0.9349	-0.0381	-0.1232	0.000000	-0.000811	-0.000550
699	0.8772	-0.0345	-0.1260	0.000000	-0.000682	-0.000449
700	0.8949	-0.4673	0.1736	0.000000	-0.000956	0.000336
701	0.9589	-0.4925	0.1729	0.000000	-0.000687	-0.000413
702	1.0002	-0.5177	0.1719	0.000000	-0.000390	-0.000461
703	0.8829	-0.4673	0.1940	0.000000	-0.001012	-0.000460
704	0.9448	-0.4925	0.1935	0.000000	-0.000593	-0.000444
705	0.9796	-0.5177	0.1925	0.000000	-0.000313	-0.000502
706	0.8632	-0.4673	0.2160	0.000000	-0.001011	-0.000494
707	0.9246	-0.4925	0.2155	0.000000	-0.000573	-0.000530
708	0.9563	-0.5177	0.2146	0.000000	-0.000261	-0.000530
709	0.8396	-0.4672	0.2397	0.000000	-0.000969	-0.000536
710	0.8987	-0.4924	0.2391	0.000000	-0.000561	-0.000558
711	0.9301	-0.5176	0.2381	0.000000	-0.000267	-0.000560
712	0.8127	-0.4670	0.2651	0.000000	-0.000909	-0.000552
713	0.8696	-0.4921	0.2644	0.000000	-0.000563	-0.000586
714	0.9022	-0.5174	0.2633	0.000000	-0.000298	-0.000566
715	0.8729	-0.5170	0.2906	0.000000	-0.000350	-0.000583
716	0.8414	-0.5160	0.3209	0.000000	-0.000436	-0.000595
717	0.7835	-0.4666	0.2923	0.000000	-0.000828	-0.000566
718	0.8376	-0.4915	0.2918	0.000000	-0.000573	-0.000598
719	0.8023	-0.4908	0.3214	0.000000	-0.000579	-0.000631
720	0.7524	-0.4663	0.3213	0.000000	-0.000710	-0.000574
721	0.9652	-0.0602	-0.0518	-0.000057	0.000000	-0.000525
722	0.9139	-0.0555	-0.0517	-0.000064	0.000000	-0.000520
723	0.8585	-0.0506	-0.0515	-0.000063	0.000000	-0.000492
724	0.7732	-0.0894	0.0428	0.000000	-0.000805	-0.000501
725	0.8284	-0.0959	0.0444	0.000000	-0.000620	-0.000523
726	0.8665	-0.1032	0.0455	0.000000	-0.000368	-0.000529
727	0.7948	-0.0897	0.0392	0.000000	-0.000842	-0.000505
728	0.8515	-0.0960	0.0394	0.000000	-0.000621	-0.000530
729	0.8905	-0.1033	0.0395	0.000000	-0.000390	-0.000553
730	0.8155	-0.0900	0.0357	0.000000	-0.000875	-0.000481
731	0.8746	-0.0963	0.0350	0.000000	-0.000646	-0.000521
732	0.9148	-0.1034	0.0344	0.000000	-0.000397	-0.000530
733	0.9358	-0.1037	0.0294	0.000000	-0.000456	-0.000486
734	0.9504	-0.1042	0.0236	0.000000	-0.000578	0.000401
735	0.8340	-0.0901	0.0321	0.000000	-0.000873	-0.000465
736	0.8930	-0.0966	0.0307	0.000000	-0.000652	-0.000437
737	0.9019	-0.0971	0.0256	0.000000	-0.000668	0.000353
738	0.8469	-0.0903	0.0282	0.000000	-0.000758	0.000368
739	0.8471	-0.0369	-0.1211	0.000000	-0.000756	0.000372
740	0.9018	-0.0398	-0.1189	0.000000	-0.000663	0.000356
741	0.9503	-0.0420	-0.1175	0.000000	-0.000583	0.000403
742	0.8342	-0.0371	-0.1169	0.000000	-0.000870	-0.000462
743	0.8929	-0.0404	-0.1162	0.000000	-0.000646	-0.000438
744	0.9352	-0.0425	-0.1156	0.000000	-0.000449	-0.000493
745	0.8162	-0.0374	-0.1122	0.000000	-0.000875	-0.000478
746	0.8748	-0.0408	-0.1126	0.000000	-0.000635	-0.000515
747	0.9142	-0.0429	-0.1130	0.000000	-0.000391	-0.000523
748	0.8912	-0.0432	-0.1104	0.000000	-0.000379	-0.000537
749	0.8688	-0.0435	-0.1085	0.000000	-0.000369	-0.000521
750	0.7957	-0.0378	-0.1071	0.000000	-0.000847	-0.000503
751	0.8526	-0.0413	-0.1087	0.000000	-0.000621	-0.000521
752	0.8304	-0.0415	-0.1049	0.000000	-0.000629	-0.000519
753	0.7743	-0.0382	-0.1012	0.000000	-0.000818	-0.000502
754	0.7522	0.3753	-0.2651	0.000000	-0.000733	-0.000554
755	0.8041	0.3929	-0.2630	0.000000	-0.000609	-0.000610

756	0.8446	0.4094	-0.2599	0.000000	-0.000439	-0.000598
757	0.7824	0.3755	-0.2513	0.000000	-0.000827	-0.000569
758	0.8375	0.3927	-0.2504	0.000000	-0.000597	-0.000591
759	0.8737	0.4087	-0.2494	0.000000	-0.000350	-0.000557
760	0.8113	0.3753	-0.2396	0.000000	-0.000905	-0.000544
761	0.8682	0.3921	-0.2397	0.000000	-0.000568	-0.000576
762	0.9015	0.4081	-0.2397	0.000000	-0.000310	-0.000566
763	0.8375	0.3749	-0.2289	0.000000	-0.000958	-0.000530
764	0.8966	0.3916	-0.2295	0.000000	-0.000571	-0.000553
765	0.9291	0.4076	-0.2301	0.000000	-0.000285	-0.000555
766	0.8608	0.3746	-0.2187	0.000000	-0.001001	-0.000493
767	0.9222	0.3911	-0.2196	0.000000	-0.000582	-0.000529
768	0.9550	0.4073	-0.2205	0.000000	-0.000281	-0.000529
769	0.9790	0.4070	-0.2108	0.000000	-0.000318	-0.000517
770	0.9978	0.4068	-0.2011	0.000000	-0.000432	-0.000410
771	0.8804	0.3743	-0.2088	0.000000	-0.001002	-0.000459
772	0.9430	0.3908	-0.2098	0.000000	-0.000616	-0.000453
773	0.9580	0.3905	-0.2001	0.000000	-0.000616	-0.000419
774	0.8960	0.3741	-0.1991	0.000000	-0.000980	-0.000402
775	0.6797	-0.3019	0.2229	-0.000251	0.000000	-0.000451
776	0.6815	-0.3263	0.2337	0.000200	0.000000	-0.000451
777	0.7305	-0.3390	0.2299	-0.000098	0.000000	-0.000486
778	0.7812	-0.3512	0.2311	-0.000203	0.000000	-0.000526
779	0.8320	-0.3820	0.2385	-0.000533	0.000000	-0.000568
780	0.8351	-0.3514	0.2218	-0.000608	0.000000	-0.000528
781	0.8322	-0.3245	0.2055	-0.000451	0.000000	-0.000483
782	0.7810	-0.3012	0.2121	-0.000122	0.000000	-0.000454
783	0.7305	-0.2930	0.2130	-0.000095	0.000000	-0.000472
784	0.6812	-0.2773	0.2099	-0.000259	0.000000	-0.000454
785	0.7211	-0.2196	0.1412	-0.000103	0.000000	-0.000466
786	0.7639	-0.2262	0.1403	-0.000072	0.000000	-0.000478
787	0.8084	-0.2358	0.1397	-0.000190	0.000000	-0.000510
788	0.7729	-0.2641	0.1749	-0.000106	0.000000	-0.000477
789	0.7255	-0.2562	0.1760	-0.000099	0.000000	-0.000462
790	0.7761	-0.3955	0.2721	-0.000197	0.000000	-0.000538
791	0.7702	-0.4421	0.3106	-0.000229	0.000000	-0.000579
792	0.7248	-0.4202	0.3069	-0.000251	0.000000	-0.000505
793	0.7269	-0.3795	0.2692	-0.000163	0.000000	-0.000491
794	0.8064	-0.1970	0.1040	-0.000129	0.000000	-0.000488
795	0.7637	-0.1896	0.1050	-0.000074	0.000000	-0.000479
796	0.7208	-0.1835	0.1067	-0.000091	0.000000	-0.000473
797	0.8146	-0.2767	0.1742	-0.000254	0.000000	-0.000501
798	0.6907	-0.2638	0.1934	-0.000216	0.000000	-0.000454
799	0.6992	-0.2670	0.1938	-0.000186	0.000000	-0.000459
800	0.8106	-0.4607	0.3112	-0.000305	0.000000	-0.000605
801	0.8160	-0.4159	0.2732	-0.000399	0.000000	-0.000499
802	0.6958	-0.3437	0.2443	-0.000162	0.000000	-0.000452
803	0.7283	0.2415	-0.2474	0.000171	0.000000	-0.000474
804	0.7833	0.2521	-0.2441	0.000092	0.000000	-0.000496
805	0.8371	0.2583	-0.2243	0.000077	0.000000	-0.000526
806	0.8458	0.2872	-0.2175	0.000104	0.000000	-0.000536
807	0.8380	0.3166	-0.2140	0.000120	0.000000	-0.000536
808	0.7876	0.3045	-0.2001	0.000179	0.000000	-0.000491
809	0.7324	0.2886	-0.1990	0.000195	0.000000	-0.000465
810	0.7826	0.3336	-0.2296	0.000202	0.000000	-0.000490
811	0.7773	0.3624	-0.2551	0.000213	0.000000	-0.000488
812	0.8309	0.3601	-0.2372	0.000165	0.000000	-0.000521
813	0.8090	0.3472	-0.2341	0.000183	0.000000	-0.000508
814	0.8338	0.3385	-0.2250	0.000139	0.000000	-0.000533
815	0.8113	-0.1544	-0.1690	0.000018	0.000000	-0.000521
816	0.7693	-0.1496	-0.1663	0.000033	0.000000	-0.000499
817	0.7245	-0.1409	-0.1635	0.000102	0.000000	-0.000474
818	0.7793	0.2179	-0.2112	0.000076	0.000000	-0.000495
819	0.7738	0.1837	-0.1883	0.000054	0.000000	-0.000496
820	0.8282	0.2129	-0.2016	0.000044	0.000000	-0.000528
821	0.8057	0.2158	-0.2069	0.000057	0.000000	-0.000508
822	0.7274	0.3420	-0.2541	0.000223	0.000000	-0.000478
823	0.7290	0.3114	-0.2249	0.000201	0.000000	-0.000463
824	0.8080	0.3758	-0.2544	0.000206	0.000000	-0.000497
825	0.8293	0.3866	-0.2530	0.000190	0.000000	-0.000534
826	0.8115	0.3302	-0.2215	0.000166	0.000000	-0.000511
827	0.8436	0.3440	-0.2273	0.000125	0.000000	-0.000539

828	0.7238	-0.1013	-0.1328	0.000076	0.000000	-0.000482
829	0.7692	-0.1063	-0.1359	-0.000007	0.000000	-0.000504
830	0.8119	-0.1074	-0.1408	-0.000026	0.000000	-0.000523
831	0.7265	0.2092	-0.2143	0.000145	0.000000	-0.000464
832	0.7263	-0.1754	-0.1890	0.000122	0.000000	-0.000466
833	0.7969	0.1850	-0.1874	0.000038	0.000000	-0.000513
834	1.2074	-0.4252	0.0541	-0.000158	0.000000	-0.000586
835	1.2166	-0.4330	0.0522	-0.000059	0.000000	-0.000614
836	1.2235	-0.4323	0.0512	-0.000033	0.000000	-0.000600
837	1.2128	-0.5241	0.0876	-0.000062	0.000000	-0.000478
838	1.2145	-0.4819	0.0699	-0.000062	0.000000	-0.000557
839	1.2020	-0.5118	0.0890	-0.000150	0.000000	-0.000516
840	1.2242	-0.3798	0.0520	-0.000016	0.000000	-0.000615
841	1.2179	-0.3784	0.0535	-0.000061	0.000000	-0.000625
842	1.2088	-0.3721	0.0564	-0.000097	0.000000	-0.000601
843	1.2217	-0.5256	0.0857	-0.000017	0.000000	-0.000511
844	1.2225	-0.4809	0.0677	0.000046	0.000000	-0.000560
845	1.2044	-0.4716	0.0737	-0.000177	0.000000	-0.000558
846	1.1957	-0.5257	0.0977	-0.000172	0.000000	-0.000515
847	1.1902	-0.5609	0.1150	0.000000	-0.000085	-0.000425
848	1.1664	-0.5610	0.1255	0.000000	-0.000033	-0.000488
849	1.1380	-0.5613	0.1363	0.000000	0.000001	-0.000570
850	1.1311	-0.5528	0.1382	0.000000	-0.000159	-0.000512
851	1.1575	-0.5528	0.1275	0.000000	-0.000161	-0.000481
852	1.1810	-0.5530	0.1167	0.000000	-0.000117	-0.000416
853	1.1252	-0.5480	0.1374	0.000000	-0.000294	-0.000526
854	1.1908	-0.5659	0.1154	0.000000	-0.000040	-0.000481
855	1.1618	-0.5655	0.1264	0.000000	-0.000016	-0.000550
856	1.1348	-0.5652	0.1360	0.000000	0.000043	-0.000595
857	1.1463	-0.5480	0.1291	0.000000	-0.000265	-0.000494
858	1.1247	-0.3292	0.0697	0.000000	-0.000053	-0.000589
859	1.1584	-0.3290	0.0718	0.000000	-0.000018	-0.000516
860	1.1882	-0.3286	0.0725	0.000000	-0.000065	-0.000474
861	1.1794	-0.3239	-0.0786	0.000000	-0.000125	-0.000444
862	1.1504	-0.3239	0.0747	0.000000	-0.000160	-0.000536
863	1.1142	-0.3239	0.0699	0.000000	-0.000177	-0.000638
864	1.1669	-0.3195	-0.0812	0.000000	-0.000254	-0.000441
865	1.1987	-0.3297	0.0686	0.000000	-0.000040	-0.000503
866	1.1334	-0.3194	-0.0751	0.000000	-0.000253	-0.000595
867	1.1004	-0.3190	0.0695	0.000000	-0.000285	-0.000646
868	1.2047	0.4034	-0.1361	0.000374	0.000000	-0.000532
869	1.0745	-0.1186	0.0115	0.000000	0.000059	-0.000587
870	1.0690	-0.1158	0.0108	0.000000	-0.000187	-0.000540
871	1.0575	-0.0460	-0.1193	0.000000	-0.000328	-0.000533
872	0.9541	-0.5560	0.2409	0.000000	-0.000182	-0.000533
873	0.9038	-0.5559	0.2914	0.000000	-0.000231	-0.000529
874	0.8800	-0.5573	0.3203	0.000000	-0.000314	-0.000498
875	0.9804	-0.5560	0.2182	0.000000	-0.000166	-0.000539
876	1.0073	-0.5564	0.1978	0.000000	-0.000149	-0.000558
877	1.0658	-0.5609	0.1632	0.000000	-0.000030	-0.000578
878	1.0364	-0.5570	0.1786	0.000000	-0.000117	-0.000597
879	1.0678	-0.5525	0.1609	0.000000	-0.000190	-0.000612
880	0.9288	-0.5560	0.2651	0.000000	-0.000200	-0.000524
881	1.0160	-0.1162	0.0211	0.000000	-0.000087	-0.000615
882	1.0271	-0.1183	0.0190	0.000000	0.000036	-0.000610
883	0.9072	-0.0455	-0.1138	0.000000	-0.000155	-0.000579
884	0.9146	-0.0469	-0.1158	0.000000	-0.000035	-0.000593
885	0.9144	-0.0481	-0.1172	0.000000	0.000035	-0.000584
886	0.9313	-0.0458	-0.1132	0.000000	-0.000194	-0.000551
887	0.9400	-0.0472	-0.1143	0.000000	-0.000059	-0.000556
888	0.9402	-0.0482	-0.1151	0.000000	0.000049	-0.000542
889	0.9539	-0.0457	-0.1140	0.000000	-0.000207	-0.000550
890	0.9626	-0.0471	-0.1143	0.000000	-0.000083	-0.000548
891	0.9643	-0.0482	-0.1146	0.000000	0.000020	-0.000542
892	0.9887	-0.0479	-0.1153	0.000000	-0.000016	-0.000553
893	1.0134	-0.0473	-0.1164	0.000000	-0.000066	-0.000566
894	0.9741	-0.0453	-0.1151	0.000000	-0.000227	-0.000561
895	0.9844	-0.0466	-0.1153	0.000000	-0.000126	-0.000559
896	1.0061	-0.0458	-0.1164	0.000000	-0.000182	-0.000586
897	0.9909	-0.0450	-0.1161	0.000000	-0.000268	-0.000572
898	0.8887	0.4349	-0.2469	0.000000	0.000013	-0.000598
899	0.8894	0.4330	-0.2492	0.000000	-0.000014	-0.000632

900	0.8858	0.4296	-0.2527	0.000000	-0.000101	-0.000608
901	0.9151	0.4346	-0.2458	0.000000	0.000058	-0.000567
902	0.9177	0.4325	-0.2464	0.000000	-0.000030	-0.000570
903	0.9110	0.4286	-0.2471	0.000000	-0.000185	-0.000538
904	0.9389	0.4341	-0.2413	0.000000	0.000043	-0.000539
905	0.9399	0.4315	-0.2406	0.000000	-0.000074	-0.000533
906	0.9328	0.4278	-0.2400	0.000000	-0.000191	-0.000540
907	0.9615	0.4336	-0.2345	0.000000	-0.000004	-0.000542
908	0.9613	0.4308	-0.2332	0.000000	-0.000099	-0.000544
909	0.9554	0.4272	-0.2319	0.000000	-0.000188	-0.000539
910	0.9849	0.4333	-0.2266	0.000000	-0.000046	-0.000559
911	0.9841	0.4303	-0.2249	0.000000	-0.000128	-0.000554
912	0.9794	0.4269	-0.2232	0.000000	-0.000193	-0.000553
913	1.0063	0.4332	-0.2190	0.000000	-0.000082	-0.000574
914	1.0075	0.4305	-0.2167	0.000000	-0.000155	-0.000571
915	1.0073	0.4274	-0.2136	0.000000	-0.000214	-0.000552
916	1.0412	0.4291	-0.2039	0.000000	-0.000277	-0.000632
917	1.0342	0.4321	-0.2085	0.000000	-0.000143	-0.000598
918	1.0244	0.4336	-0.2129	0.000000	-0.000097	-0.000588
919	0.8512	0.2699	-0.2115	0.000107	0.000000	-0.000558
920	0.8553	0.2769	-0.2085	-0.000062	0.000000	-0.000563
921	0.8589	0.2796	-0.2073	-0.000008	0.000000	-0.000564
922	0.8617	0.2775	-0.2069	0.000075	0.000000	-0.000564
923	0.8619	-0.1675	-0.1730	0.000050	0.000000	-0.000579
924	0.8598	-0.1690	-0.1727	-0.000005	0.000000	-0.000590
925	0.8573	-0.1673	-0.1723	-0.000041	0.000000	-0.000582
926	0.8538	-0.1631	-0.1719	-0.000064	0.000000	-0.000565
927	0.8569	-0.0956	-0.1476	-0.000013	0.000000	-0.000570
928	0.8574	-0.1312	-0.1592	-0.000025	0.000000	-0.000580
929	0.8537	-0.1193	-0.1532	-0.000045	0.000000	-0.000563
930	0.8530	-0.0892	-0.1421	-0.000034	0.000000	-0.000558
931	0.8509	0.3093	-0.2181	0.000110	0.000000	-0.000545
932	0.8533	0.3471	-0.2269	-0.000098	0.000000	-0.000535
933	0.8557	0.3864	-0.2399	-0.000060	0.000000	-0.000499
934	0.8591	0.3913	-0.2377	0.000031	0.000000	-0.000493
935	0.8617	0.3884	-0.2350	0.000019	0.000000	-0.000515
936	0.8562	0.3158	-0.2179	-0.000049	0.000000	-0.000545
937	0.8578	0.3525	-0.2273	-0.000030	0.000000	-0.000510
938	0.8611	0.3474	-0.2254	0.000038	0.000000	-0.000529
939	0.8596	0.3140	-0.2166	0.000025	0.000000	-0.000543
940	0.8618	0.3066	-0.2150	0.000072	0.000000	-0.000551
941	0.8618	0.2227	-0.1906	0.000067	0.000000	-0.000577
942	0.8594	0.2248	-0.1910	-0.000008	0.000000	-0.000582
943	0.8566	0.2225	-0.1922	-0.000055	0.000000	-0.000580
944	0.8532	0.2166	-0.1946	-0.000090	0.000000	-0.000567
945	0.8616	-0.1135	-0.1560	0.000028	0.000000	-0.000591
946	0.8596	-0.1279	-0.1592	-0.000016	0.000000	-0.000586
947	0.8589	-0.0942	-0.1488	-0.000017	0.000000	-0.000577
948	0.8603	-0.0410	-0.1320	-0.000026	0.000000	-0.000561
949	0.8557	-0.0393	-0.1303	-0.000029	0.000000	-0.000568
950	0.8503	-0.0383	-0.1275	-0.000007	0.000000	-0.000543

4.1.7.2 Sollecitazioni

Tabella 15.I

Sollecitazioni									
Asta	Imp.	Fili	X [cm]	N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	2832.57	-488.32	1570.97	4196.51	3255.91	1241.70
			20	3256.39	-488.33	2211.67	4102.37	3031.27	1270.56
			40	3681.82	-488.33	2833.78	4014.30	2792.92	1305.54
2	Fond.	1, 2	0	2203.63	-501.33	2833.60	-7513.19	2861.30	1460.52
			28	2778.03	-501.34	611.15	-7627.47	2475.88	1511.59
			55	3358.79	-501.34	-1887.37	-7738.04	2154.15	1566.33
3	Fond.	1, 2	0	3294.75	-501.34	-1887.37	-7732.84	2154.15	1567.05
			28	3878.80	-501.35	-4285.98	-7838.52	1835.06	1622.33
			55	4465.58	-501.36	-6714.24	-7935.03	1462.24	1680.38
4	Fond.	1, 2	0	-932.24	-434.83	-6715.12	5039.09	1322.80	1383.71
			46	726.33	-434.85	-4876.11	4924.86	755.84	1479.93
			91	1643.58	-434.87	-3070.84	4898.54	-374.50	1729.64

RELAZIONE DI CALCOLO -

5	Fond.	1, 2	0	-3808.07	-331.55	-3074.84	3859.62	-538.23	1468.92
			46	-2728.30	-331.57	-1733.37	3936.75	-1191.66	1717.63
			91	-1652.41	-331.59	-326.63	4143.20	-1903.72	1939.41
6	Fond.	1, 2	0	-4999.46	-272.37	-331.31	1925.15	-2114.89	1700.73
			46	-3919.76	-272.39	197.28	2261.81	-2839.64	1877.65
			91	-2841.53	-272.40	890.81	2736.51	-3718.34	1993.03
7	Fond.	9, 1	0	3662.58	-461.56	634.27	-252.88	-2417.94	-1206.14
			38	3849.70	-461.54	478.37	-469.70	-1882.25	-1636.79
			77	4050.61	-461.52	161.88	-875.72	-1168.38	-2135.06
8	Fond.	9, 1	0	2761.08	-889.90	161.19	204.23	-1104.17	-1633.26
			38	2928.20	-889.89	64.68	-309.20	-530.60	-2200.29
			77	3115.24	-889.87	-257.74	-691.34	636.41	-2844.75
9	Fond.	9, 1	0	1533.87	-1257.62	-258.71	369.94	770.70	-2439.21
			38	1636.60	-1257.61	-351.31	-195.82	1829.09	-3155.01
			77	1783.65	-1257.60	-514.47	-432.91	3180.12	-3940.37
10	Fond.	2, 5	0	-1458.43	918.94	280.88	-589.49	-3665.59	-4520.93
			43	-1521.54	918.91	133.31	-172.27	-1921.73	-3543.33
			87	-1589.10	918.88	204.10	-301.23	-580.35	-2665.80
11	Fond.	2, 5	0	-1086.99	1334.64	207.12	-386.78	-254.74	-3398.22
			43	-1032.84	1334.62	-147.94	-75.44	1047.20	-2628.84
			87	-984.27	1334.60	-208.46	-156.06	2038.84	-1965.15
12	Fond.	2, 5	0	-750.82	2079.72	-211.24	-1691.51	2314.50	-2951.04
			43	-669.42	2079.71	-474.55	-1549.79	3466.77	-2381.70
			87	-590.57	2079.71	-1096.41	-1494.22	4389.34	-1886.77
13	Fond.	3, 4	0	1578.89	-271.53	-1417.32	3252.96	2537.73	1281.66
			45	2514.62	-271.51	-515.12	2470.65	1981.32	1237.53
			90	3451.29	-271.50	84.06	1851.68	1559.74	1141.68
14	Fond.	3, 4	0	-419.94	-323.87	78.63	3075.38	1425.66	1357.73
			45	926.39	-323.85	973.86	2614.22	967.24	1219.20
			90	1847.23	-323.84	1700.06	2315.18	524.80	1053.93
15	Fond.	3, 4	0	-2641.27	-400.34	1694.57	3399.17	411.64	1238.96
			45	-1813.89	-400.33	2807.74	3243.04	-524.05	1071.90
			90	-1015.95	-400.32	3882.91	3226.70	-900.83	1052.86
16	Fond.	3, 4	0	-4460.46	-453.31	3880.76	-4538.84	-996.75	1258.92
			28	-3950.70	-453.31	2412.01	-4487.78	-1255.36	1248.31
			55	-3443.13	-453.30	966.00	-4399.01	-1474.64	1242.87
17	Fond.	3, 4	0	-3454.30	-453.30	966.00	-4404.19	-1474.64	1234.82
			28	-2949.34	-453.29	-573.57	-4280.13	-1704.29	1232.87
			55	-2448.68	-453.29	-1851.99	-4121.63	-2017.28	1237.98
18	Fond.	3, 4	0	-3146.91	-441.67	-1853.04	2410.14	-1973.25	1092.28
			22	-2741.76	-441.67	-1489.84	2565.15	-2191.88	1100.81
			44	-2338.85	-441.67	-1088.82	2747.70	-2405.52	1117.46
19	Fond.	8, 3	0	469.85	2617.25	2229.44	-3286.31	-2974.26	-997.34
			43	574.31	2617.25	753.81	-3647.09	-2439.18	-1473.94
			87	679.33	2617.25	-897.92	-4098.08	-1684.37	-2011.23
20	Fond.	8, 3	0	189.96	1869.59	-894.62	863.27	-1476.18	-1122.12
			43	279.77	1869.61	-606.05	364.50	-858.46	-1734.35
			87	373.53	1869.63	-571.44	-323.57	47.87	-2430.16
21	Fond.	8, 3	0	643.53	1419.82	-568.41	1150.22	307.88	-1698.18
			43	563.09	1419.85	-202.61	439.81	1212.18	-2480.28
			87	492.60	1419.89	-179.01	-358.97	2474.96	-3343.87
22	Fond.	4, 12	0	-1171.43	-942.14	455.88	-487.81	-2352.33	-3069.73
			38	-1143.07	-942.16	324.87	-260.64	-1319.09	-2388.43
			77	-1166.95	-942.19	321.00	590.97	-544.89	-1763.61
23	Fond.	4, 12	0	-1799.33	-731.46	320.39	-765.32	-457.70	-2086.57
			38	-1723.10	-731.49	92.16	-280.76	461.26	-1516.85
			77	-1679.93	-731.52	-13.02	370.24	770.53	-1014.51
24	Fond.	4, 12	0	-2256.35	-468.95	-13.18	-1266.08	798.02	-1395.53
			38	-2158.55	-468.98	-438.23	-755.71	1232.74	-949.25
			77	-2085.60	-469.02	-667.00	-256.94	1504.82	-585.36
25	Fond.	5, 6	0	1535.40	396.97	3599.63	-2150.92	2764.71	1236.18
			188	3582.18	396.89	-1315.64	-2234.10	990.59	865.20
			376	5651.63	396.84	-6616.23	-2498.00	-568.03	845.02
26	Fond.	9, 5	0	-588.28	-336.81	1531.15	1606.90	2189.16	1453.89
			213	1838.46	-336.87	1994.58	179.89	987.01	972.90
			425	4083.58	-336.97	1098.27	-591.69	-1917.05	1774.73
27	Fond.	6, 7	0	-1637.77	1446.26	-4588.51	7355.60	-5052.37	-5590.70
			90	-648.99	1446.25	1727.69	7553.17	-85.66	-5458.64
			180	338.88	1446.26	8359.55	8109.39	4797.15	-5396.29
28	Fond.	6, 10	0	-7198.16	-1679.44	1586.95	-4696.40	4173.96	6097.55
			36	-7255.21	-1679.45	-93.07	-4703.53	1890.54	6503.92
			73	-7313.98	-1679.48	-1780.45	-4741.66	-544.41	6932.49

RELAZIONE DI CALCOLO -

29	Fond.	6, 10	0	-8829.45	-1039.67	-1779.18	-1868.29	-903.85	5761.10
			36	-8889.95	-1039.70	-2443.39	-1934.55	-3073.58	6214.48
			73	-8952.56	-1039.73	-3134.95	-2022.35	-5411.23	6684.85
30	Fond.	7, 8	0	-7680.93	406.88	11296.51	-5587.52	-402.63	-242.66
			198	-5551.55	406.94	751.05	-4479.76	-724.48	431.18
			395	-3460.95	407.03	-9444.91	-5268.57	-1911.35	1018.01
31	Fond.	7, 11	0	7190.46	-2533.21	-1906.72	5575.70	4691.10	6620.48
			36	7170.79	-2533.22	173.01	5859.76	2219.79	7025.42
			73	7152.82	-2533.23	2360.20	6172.43	-405.62	7452.23
32	Fond.	7, 11	0	9423.32	-1772.09	2359.08	1264.27	-807.31	6099.06
			36	9407.07	-1772.11	2884.19	1601.43	-3099.24	6551.28
			73	9393.04	-1772.14	3534.08	1955.37	-5558.89	7021.29
33	Fond.	8, 12	0	-5133.47	-411.46	-6183.55	2622.22	1284.27	1324.40
			203	-3040.42	-411.38	-3275.12	1426.64	-780.24	780.30
			405	-979.74	-411.32	-714.63	2582.42	-1871.95	1349.28
34	Fond.	15, 9	0	2079.01	959.54	-217.22	1657.97	3486.49	3191.04
			50	2671.64	959.57	318.60	424.24	2296.70	2324.07
			100	3275.24	959.60	-72.16	-928.96	1423.48	1541.49
35	Fond.	15, 9	0	2833.33	868.98	-73.39	1567.10	1226.10	1980.38
			50	3413.17	869.02	260.80	477.78	-588.15	1290.51
			100	4007.02	869.06	-33.96	-910.14	-737.41	799.91
36	Fond.	15, 9	0	3452.18	657.85	-35.29	1476.29	-807.82	1123.30
			50	3996.25	657.89	240.43	513.06	-1195.83	700.51
			100	4582.41	657.94	-20.91	-833.52	-1376.18	371.58
37	Fond.	15, 9	0	4042.60	387.33	-21.62	1369.73	-1397.12	674.12
			50	4396.53	387.37	235.67	520.18	-1594.19	390.55
			100	4976.92	387.42	-38.99	-742.95	-1631.49	-189.03
38	Fond.	15, 9	0	4431.14	-86.45	-37.45	1257.07	-1630.49	432.08
			50	4674.25	-86.49	230.77	516.18	-1707.01	-232.46
			100	5147.96	-86.52	55.64	-667.99	-1657.32	-266.37
39	Fond.	15, 9	0	4620.79	-408.77	54.08	1146.88	-1653.73	335.12
			50	4855.94	-408.72	218.24	510.30	-1666.06	-187.01
			100	5110.19	-408.67	63.28	-608.78	-1649.20	-411.09
40	Fond.	15, 9	0	4642.50	-840.95	61.81	1045.41	-1672.14	-258.01
			50	4866.16	-840.90	206.92	502.67	-1708.14	-354.91
			100	5110.37	-840.86	61.63	-531.72	-1593.88	-691.88
41	Fond.	15, 9	0	4486.67	-1309.65	60.20	1065.94	-1601.10	-350.98
			50	4693.00	-1309.62	321.47	577.07	-1532.87	-729.79
			100	4922.44	-1309.58	299.79	-255.32	-1262.82	-1219.02
42	Fond.	10, 11	0	3156.12	509.08	-343.15	1094.75	-3116.99	-3346.43
			45	3759.91	509.08	-103.06	1046.75	-1628.51	-3270.71
			90	4365.08	509.08	158.78	1140.73	-170.81	-3211.90
43	Fond.	10, 11	0	-4487.49	515.98	153.74	1147.29	240.37	-3223.83
			45	-3882.33	515.98	478.06	1383.26	1682.25	-3188.41
			90	-3278.60	515.98	944.71	1759.58	3112.42	-3169.43
44	Fond.	10, 13	0	-11106.14	-204.60	-2698.00	2348.78	-2138.22	-2374.05
			47	-11190.90	-204.64	-1595.62	2219.37	-1229.13	-1740.74
			94	-11280.10	-204.68	-564.49	2086.44	-610.80	-1110.96
45	Fond.	10, 13	0	-7707.52	102.88	-564.51	780.68	-408.49	-1778.19
			47	-7800.38	102.84	-192.79	649.57	433.42	-1158.78
			94	-7896.35	102.81	119.82	527.54	827.25	-549.40
46	Fond.	10, 13	0	-4955.25	302.53	119.57	-35.77	934.87	-922.13
			47	-5035.68	302.49	117.04	-146.95	1225.21	-316.67
			94	-5118.15	302.46	58.12	-277.19	1230.17	296.17
47	Fond.	10, 13	0	-2831.74	533.20	58.07	-117.53	1249.87	-188.67
			47	-2915.29	533.17	-20.20	-239.87	1191.35	440.72
			94	-3000.11	533.13	-91.95	-368.74	830.53	1098.00
48	Fond.	10, 13	0	-762.26	727.07	-92.15	10.61	763.63	600.60
			47	-845.85	727.04	-75.03	-126.41	319.05	1295.32
			94	-930.48	727.02	-117.90	-253.40	-463.38	2033.00
49	Fond.	10, 13	0	1762.41	795.34	-117.99	518.56	-669.51	1789.68
			47	1673.88	795.32	139.71	393.56	-1693.89	2569.12
			94	1588.56	795.30	337.06	270.61	-3093.61	3380.62
50	Fond.	11, 14	0	12016.77	-271.89	3082.55	-2992.69	-2316.97	-2419.94
			47	12002.22	-271.92	1798.58	-2519.75	-1381.22	-1786.60
			94	11992.45	-271.96	741.56	-2055.34	-741.65	-1157.57
51	Fond.	11, 14	0	8865.60	63.52	742.04	-1260.14	-527.34	-1874.16
			47	8859.87	63.48	263.05	-812.88	355.24	-1257.55
			94	8857.68	63.45	-16.00	-386.78	792.99	-654.01
52	Fond.	11, 14	0	6244.99	268.49	-15.27	-346.31	911.74	-1012.56
			47	6240.52	268.46	-73.79	68.29	1246.39	-416.50
			94	6243.67	268.42	58.82	464.96	1301.06	184.86

RELAZIONE DI CALCOLO -

53	Fond.	11, 14	0	4221.96	511.07	59.54	-208.42	1333.59	-299.73
			47	4207.81	511.04	53.36	175.28	1330.87	314.67
			94	4195.40	511.01	210.94	536.11	1034.07	953.53
54	Fond.	11, 14	0	2135.05	724.59	211.70	-315.51	984.97	450.54
			47	2123.65	724.56	146.82	-56.00	615.97	1126.80
			94	2113.21	724.53	241.01	369.93	-99.91	1847.68
55	Fond.	11, 14	0	-531.06	821.55	241.71	-848.08	-272.38	1592.71
			47	-542.03	821.53	-94.39	-546.92	-1196.16	2360.21
			94	-553.68	821.51	-288.81	-267.38	-2495.88	3168.51
56	Fond.	12, 20	0	-2808.82	-747.92	-309.79	-258.84	-753.04	-1412.48
			50	-2740.60	-747.97	-260.87	723.01	1059.03	-929.25
			100	-2709.63	-748.02	150.09	1316.02	1219.45	-524.64
57	Fond.	12, 20	0	-2716.09	-434.39	149.19	-678.78	1255.32	-834.67
			50	-2629.53	-434.44	-56.24	-412.14	1440.70	-480.40
			100	-2580.76	-434.50	124.19	1023.32	1473.71	-207.54
58	Fond.	12, 20	0	-2714.43	-114.22	123.31	-737.67	1487.50	-520.31
			50	-2606.79	-114.26	-94.86	-404.27	1568.98	-258.51
			100	-2535.84	-114.31	84.43	1066.81	1607.22	-251.03
59	Fond.	12, 20	0	-2790.55	327.16	83.54	-757.17	1635.60	-329.82
			50	-2661.25	327.10	-140.91	-409.35	1719.92	-184.19
			100	-2566.02	327.05	54.41	1132.52	1671.13	383.70
60	Fond.	12, 20	0	-2845.78	603.26	53.48	-792.49	1691.25	-178.34
			50	-2678.43	603.21	-179.41	-407.75	1676.27	352.13
			100	-2560.02	603.16	24.86	1191.33	1494.19	647.08
61	Fond.	12, 20	0	-3015.15	850.22	23.88	-819.85	1486.33	344.16
			50	-2552.32	850.17	-210.90	-412.60	1313.96	685.37
			100	-2410.96	850.13	10.96	1262.20	919.40	1128.14
62	Fond.	12, 20	0	-2992.03	1055.93	10.30	-766.26	853.29	782.76
			50	-2488.63	1055.89	-213.94	445.82	508.07	1298.57
			100	-2050.93	1055.85	101.70	1379.61	-1104.78	2017.32
63	Fond.	12, 20	0	-2726.92	1141.80	101.00	-776.50	-1292.77	1571.09
			50	-2206.13	1141.77	-237.47	376.86	-2182.12	2389.66
			100	-1699.65	1141.74	251.43	1396.67	-3409.52	3300.95
64	Fond.	13, 14	0	-473.59	-485.18	1063.59	-1202.80	-5984.06	-7178.78
			90	1647.72	-485.19	5.96	-1143.43	411.90	-7046.41
			180	3211.27	-485.19	-974.22	-1422.96	6733.60	-7014.38
65	Fond.	13, 21	0	-1578.98	-1011.96	-320.50	810.14	2407.21	2746.15
			45	-1652.95	-1011.94	353.36	755.39	1127.25	3539.82
			90	-1728.33	-1011.92	598.90	711.01	-853.55	4356.72
66	Fond.	14, 22	0	2427.28	1205.06	350.38	-1039.96	3620.96	5255.77
			45	2415.08	1205.04	-336.46	-835.78	1187.27	6056.27
			90	2403.84	1205.02	-558.83	-660.10	-1860.01	6896.94
67	Fond.	15, 16	0	2233.71	182.75	974.25	1651.69	-3492.51	-2504.97
			48	3083.23	182.74	1135.08	515.71	-2537.79	-1937.56
			95	3939.59	182.74	770.79	-915.37	-1924.35	-1403.88
68	Fond.	15, 16	0	2227.43	100.54	767.82	3429.31	-1759.30	-1688.13
			48	2971.57	100.53	1813.53	2453.83	-1280.13	-1196.69
			95	3824.82	100.52	2417.81	1574.07	-935.72	-765.36
69	Fond.	15, 16	0	3074.96	113.76	2416.73	-546.57	-910.38	-1203.43
			45	3736.87	113.75	1714.28	-1236.12	-623.73	-850.35
			90	4544.43	113.74	677.67	-1972.13	-695.88	-608.56
70	Fond.	15, 16	0	4458.73	113.74	677.67	-1923.07	-695.88	-627.75
			45	5271.55	113.73	-703.92	-2637.14	-842.04	-474.06
			90	6089.44	113.73	-2363.18	-3319.74	907.64	-364.17
71	Fond.	15, 16	0	3200.41	110.60	-2363.90	2752.63	876.65	-310.07
			39	3901.37	110.59	-1691.17	2210.93	883.44	-248.69
			77	4606.36	110.58	-1221.19	1717.71	840.05	-227.56
72	Fond.	15, 16	0	1927.67	215.33	-1223.19	2685.47	839.14	-219.58
			39	2626.55	215.32	-561.53	2226.14	817.93	-197.08
			77	3331.95	215.31	-67.41	1820.72	760.93	-247.48
73	Fond.	15, 16	0	975.25	324.32	-69.58	1476.19	769.41	-199.51
			39	1535.18	324.31	145.17	1116.31	731.01	-214.44
			77	2239.90	324.30	228.22	814.68	682.54	-280.97
74	Fond.	15, 16	0	-616.33	412.81	226.13	913.88	700.23	-214.60
			39	268.10	412.80	241.61	663.93	742.49	-268.36
			77	835.28	412.80	173.92	480.87	780.69	-331.90
75	Fond.	16, 21	0	-2042.34	479.98	172.25	675.50	798.16	-286.69
			30	-1487.80	479.97	169.68	586.06	841.00	-334.75
			60	-933.86	479.97	357.04	537.41	881.24	-385.57
76	Fond.	16, 21	0	-3641.14	552.29	358.14	716.69	896.25	-294.89
			30	-3087.65	552.28	-685.94	818.72	964.73	-326.07
			60	-2534.98	552.28	-1050.85	905.22	1025.88	-375.18

RELAZIONE DI CALCOLO -

77	Fond.	17, 20	0	1271.84	340.94	-113.41	401.02	-1239.13	-543.91
			40	2041.12	340.95	-209.83	661.98	-1045.48	-484.68
			80	2812.73	340.95	-190.70	999.02	-877.74	-428.14
78	Fond.	17, 20	0	-241.96	255.22	-192.53	939.03	-843.13	-422.55
			40	579.72	255.22	-63.32	1326.62	-782.09	-372.90
			80	1350.71	255.22	256.94	1766.87	-746.15	-334.60
79	Fond.	17, 20	0	-1356.98	165.01	255.09	2519.48	-730.47	-340.14
			40	-736.83	165.02	1048.48	3002.60	-722.19	-313.70
			80	331.02	165.02	2045.09	3531.12	-700.26	-306.07
80	Fond.	17, 20	0	-3017.95	99.59	2043.59	2500.55	-696.30	-340.45
			40	-2256.51	99.59	2843.48	3058.40	-699.04	-346.30
			80	-1644.84	99.59	3875.00	3646.13	668.97	-380.41
81	Fond.	17, 20	0	-4903.25	123.99	3874.76	-4962.62	691.40	-472.67
			45	-4047.98	123.99	1453.18	-4281.44	618.37	-545.76
			90	-3252.16	124.00	-680.55	-3602.27	657.50	-659.66
82	Fond.	17, 20	0	-3323.58	124.00	-680.55	-3647.83	657.50	-646.05
			45	-2707.39	124.00	-2504.69	-2974.49	897.82	-865.84
			90	-2116.83	124.00	-4033.90	-2301.31	1226.86	-1182.63
83	Fond.	17, 20	0	-3452.07	122.01	-4034.38	2706.74	1234.45	-801.99
			45	-2648.94	122.01	-3019.66	3399.93	1556.98	-1164.71
			89	-2050.37	122.01	-1683.55	4145.65	1968.13	-1574.56
84	Fond.	17, 20	0	-4025.26	216.69	-1685.79	594.85	2095.87	-1380.33
			45	-3181.22	216.69	-1608.63	1352.28	2625.89	-1819.23
			89	-2344.09	216.70	-1156.04	2225.49	3441.44	-2281.36
85	Fond.	22, 17	0	4979.21	506.32	1269.84	1076.38	-2162.30	-832.15
			30	5552.55	506.32	842.77	931.54	-1916.38	-815.71
			60	6127.40	506.31	468.00	777.15	-1677.52	-786.79
86	Fond.	22, 17	0	3226.13	419.43	466.91	559.96	-1647.00	-680.19
			30	3800.81	419.43	-221.71	521.98	-1453.27	-642.48
			60	4377.04	419.43	-112.12	656.28	-1272.49	-599.96
87	Piano 1	2, 18	0	0.00	61.02	1031.95	-361.49	0.00	0.00
			188	0.00	61.02	354.17	-361.49	0.00	0.00
			375	0.00	61.02	-323.67	-361.49	0.00	0.00
88	Piano 1	19, 3	0	0.00	-123.49	768.94	-606.07	0.00	0.00
			187	0.00	-123.49	-365.06	-606.07	0.00	0.00
			374	0.00	-123.49	-1498.08	-606.07	0.00	0.00
89	Piano 1	5, 6	0	0.00	-38.35	1001.76	-711.57	0.00	0.00
			188	0.00	-38.35	-337.32	-711.57	0.00	0.00
			376	0.00	-38.35	-1675.40	-711.57	0.00	0.00
90	Piano 1	9, 5	0	0.00	51.06	735.02	-151.38	0.00	0.00
			213	0.00	51.06	429.52	-151.38	0.00	0.00
			425	0.00	51.06	129.36	-151.38	0.00	0.00
91	Piano 1	6, 7	0	0.00	415.34	-1831.01	2450.85	0.00	0.00
			90	0.00	415.34	382.74	2450.85	0.00	0.00
			180	0.00	415.34	2580.73	2450.85	0.00	0.00
92	Piano 1	6, 18	0	0.00	-515.44	-587.29	469.14	0.00	0.00
			115	0.00	-515.44	-47.91	469.14	0.00	0.00
			230	0.00	-515.44	491.76	469.14	0.00	0.00
93	Piano 1	7, 8	0	0.00	-311.05	2705.18	-1234.29	0.00	0.00
			198	0.00	-311.05	266.67	-1234.29	0.00	0.00
			395	0.00	-311.05	-2172.01	-1234.29	0.00	0.00
94	Piano 1	7, 19	0	0.00	-458.51	932.50	-694.34	0.00	0.00
			115	0.00	-458.51	134.01	-694.34	0.00	0.00
			230	0.00	-458.51	-664.49	-694.34	0.00	0.00
95	Piano 1	8, 12	0	0.00	16.99	-1280.03	279.18	0.00	0.00
			203	0.00	16.99	-714.53	279.18	0.00	0.00
			405	0.00	16.99	-149.05	279.18	0.00	0.00
96	Piano 1	18, 19	0	0.00	552.61	191.85	81.65	0.00	0.00
			90	0.00	552.61	253.79	81.65	0.00	0.00
			180	0.00	552.61	326.70	81.65	0.00	0.00
97	Piano 2	2, 18	0	0.00	69.65	735.82	-301.65	0.00	0.00
			188	0.00	69.65	170.28	-301.65	0.00	0.00
			375	0.00	69.65	-395.43	-301.65	0.00	0.00
98	Piano 2	19, 3	0	0.00	-220.07	624.47	-522.98	0.00	0.00
			187	0.00	-220.07	-353.99	-522.98	0.00	0.00
			374	0.00	-220.07	-1331.73	-522.98	0.00	0.00
99	Piano 2	5, 6	0	0.00	-119.09	926.16	-652.73	0.00	0.00
			188	0.00	-119.09	-302.97	-652.73	0.00	0.00
			376	0.00	-119.09	-1529.94	-652.73	0.00	0.00
100	Piano 2	9, 5	0	0.00	-4.41	-169.86	187.36	0.00	0.00
			213	0.00	-4.41	228.44	187.36	0.00	0.00
			425	0.00	-4.41	626.61	187.36	0.00	0.00

101	Piano 2	6, 7	0	0.00	312.66	-1927.78	2463.62	0.00	0.00
			90	0.00	312.66	319.73	2463.62	0.00	0.00
			180	0.00	312.66	2507.61	2463.62	0.00	0.00
102	Piano 2	6, 18	0	0.00	-426.17	-552.29	414.82	0.00	0.00
			115	0.00	-426.17	-75.25	414.82	0.00	0.00
			230	0.00	-426.17	401.80	414.82	0.00	0.00
103	Piano 2	7, 8	0	0.00	-422.09	2898.74	-1337.16	0.00	0.00
			198	0.00	-422.09	256.94	-1337.16	0.00	0.00
			395	0.00	-422.09	-2384.94	-1337.16	0.00	0.00
104	Piano 2	7, 19	0	0.00	-360.57	957.66	-716.44	0.00	0.00
			115	0.00	-360.57	133.76	-716.44	0.00	0.00
			230	0.00	-360.57	-690.14	-716.44	0.00	0.00
105	Piano 2	8, 12	0	0.00	-62.85	-1934.70	717.90	0.00	0.00
			203	0.00	-62.85	-480.84	717.90	0.00	0.00
			405	0.00	-62.85	973.88	717.90	0.00	0.00
106	Piano 2	13, 16	0	0.00	275.28	-367.69	382.92	0.00	0.00
			75	0.00	275.28	-80.50	382.92	0.00	0.00
			150	0.00	275.28	206.70	382.92	0.00	0.00
107	Piano 2	17, 14	0	0.00	30.41	-21.67	41.96	0.00	0.00
			75	0.00	30.41	9.80	41.96	0.00	0.00
			150	0.00	30.41	41.28	41.96	0.00	0.00
108	Piano 2	18, 19	0	0.00	470.47	50.70	129.89	0.00	0.00
			90	0.00	470.47	166.22	129.89	0.00	0.00
			180	0.00	470.47	282.87	129.89	0.00	0.00
109	Piano 3	5, 6	0	0.00	-10.55	118.70	27.91	0.00	0.00
			188	0.00	-10.55	72.48	27.91	0.00	0.00
			376	0.00	-10.55	71.65	27.91	0.00	0.00
110	Piano 3	9, 5	0	0.00	-5.68	-219.94	93.08	0.00	0.00
			213	0.00	-5.68	-28.93	93.08	0.00	0.00
			425	0.00	-5.68	190.10	93.08	0.00	0.00
111	Piano 3	8, 7	0	0.00	19.38	-378.38	234.06	0.00	0.00
			198	0.00	19.38	84.39	234.06	0.00	0.00
			395	0.00	19.38	546.60	234.06	0.00	0.00
112	Piano 3	8, 12	0	0.00	51.72	-426.98	203.73	0.00	0.00
			203	0.00	51.72	-26.64	203.73	0.00	0.00
			405	0.00	51.72	398.61	203.73	0.00	0.00
113	Piano 3	13, 16	0	-3664.69	228.73	-308.80	319.54	56.37	-116.75
			78	-3664.69	228.73	-61.45	319.54	75.82	-116.75
			155	-3664.69	228.73	187.69	319.54	155.39	-116.75
114	Piano 3	14, 17	0	-3468.85	-50.84	-68.55	71.62	11.74	10.43
			76	-3468.85	-50.84	-14.67	71.62	8.43	10.43
			151	-3468.85	-50.84	39.84	71.62	14.85	10.43

4.1.8 Risultati Condizioni (Sisma Y).

Tabella 16.I

Direzione Y			
Modo	f [Hz]	T [s]	Gx %
1	6.659	0.150	88.8
Totale Gx (>=85%)			88.8

4.1.8.1 Cinematismi nodali

Tabella 17.I

Cinematismi nodali						
Nodo	Vx [cm]	Vy [cm]	Vz [cm]	Rx [rad]	Ry [rad]	Rz [rad]
1	0.0371	0.4783	0.2760	0.000555	-0.000182	0.000158
2	0.0419	0.3879	0.2538	0.000810	0.000046	-0.000134
3	0.0452	0.3721	0.2695	0.000914	-0.000086	-0.000030
4	0.0487	0.5080	0.2688	0.000595	0.000117	-0.000324
5	0.0171	0.3862	0.0433	0.000803	0.000117	-0.000066
6	0.0216	0.4763	0.1735	0.000522	0.000152	-0.000175
7	0.0191	0.4837	0.1651	0.000542	-0.000227	0.000169

8	0.0241	0.3724	0.0314	0.000892	-0.000076	-0.000049
9	0.0139	0.4804	0.1557	0.000503	-0.000396	0.000098
10	0.0204	0.4780	0.0984	0.000537	-0.000039	0.000041
11	0.0210	0.4867	0.0880	0.000534	-0.000074	-0.000086
12	0.0304	0.5112	0.1396	0.000545	0.000331	-0.000243
13	0.0318	0.4760	-0.2108	0.000580	0.000052	-0.000082
14	0.0293	0.4897	-0.1994	0.000520	0.000058	0.000039
15	0.0189	0.4765	-0.2499	0.000597	-0.000017	0.000755
16	0.0119	0.3831	-0.2575	0.000842	-0.000072	-0.000914
17	0.0501	0.3909	-0.2357	0.000762	0.000098	0.000962
18	0.0350	0.5192	-0.2491	0.000529	-0.000037	-0.000759
19	0.0105	0.4747	-0.2658	0.000645	-0.000057	-0.000474
20	0.0517	0.4887	-0.2482	0.000573	0.000104	0.000522
21	0.0533	0.6801	0.2764	0.000579	-0.000095	-0.000020
22	0.0533	0.6884	0.2493	0.000816	0.000412	-0.000020
23	0.0533	0.7067	0.2616	0.000876	-0.000421	-0.000020
24	0.0533	0.7150	0.2740	0.000573	0.000025	-0.000020
25	0.0482	0.6884	0.0690	0.001451	0.000056	-0.000020
26	0.0488	0.6958	0.1825	0.001316	0.000090	-0.000020
27	0.0488	0.6993	0.1729	0.001349	-0.000164	-0.000020
28	0.0482	0.7071	0.0588	0.001472	-0.000049	-0.000020
29	0.0488	0.6801	0.1598	0.001452	-0.000120	-0.000020
30	0.0460	0.6958	0.0976	0.000612	-0.000044	-0.000020
31	0.0460	0.6993	0.0884	0.000591	-0.000049	-0.000020
32	0.0488	0.7150	0.1425	0.001490	0.000057	-0.000020
33	0.0349	0.6958	-0.2146	0.000000	-0.000002	-0.000020
34	0.0349	0.6993	-0.2061	0.000000	-0.000046	-0.000020
35	0.0331	0.6801	-0.2533	0.000606	-0.000049	-0.000020
36	0.0331	0.6934	-0.2594	0.000552	0.000000	-0.000020
37	0.0331	0.7017	-0.2319	0.000824	0.000000	-0.000020
38	0.0533	0.6958	0.4731	0.001209	0.000314	-0.000020
39	0.0533	0.6993	0.4745	0.001251	-0.000297	-0.000020
40	0.0331	0.7150	-0.2517	0.000575	-0.000018	-0.000020
41	0.0331	0.6958	-0.2685	0.000611	-0.000046	-0.000020
42	0.0331	0.6993	-0.2501	0.000575	0.000055	-0.000020
43	0.0631	0.8575	0.2503	0.000394	-0.000068	-0.000023
44	0.0631	0.8670	0.2316	0.000509	0.000369	-0.000023
45	0.0631	0.8880	0.2655	0.001375	-0.000366	-0.000023
46	0.0631	0.8975	0.2947	0.001432	0.000131	-0.000023
47	0.0573	0.8670	0.1260	0.001146	-0.000034	-0.000023
48	0.0579	0.8755	0.1544	0.001243	0.000067	-0.000023
49	0.0579	0.8796	0.1637	0.001251	-0.000016	-0.000023
50	0.0573	0.8884	0.0722	0.001348	-0.000065	-0.000023
51	0.0579	0.8575	0.1603	0.001098	0.000009	-0.000023
52	0.0547	0.8755	0.0915	0.000511	-0.000020	-0.000023
53	0.0547	0.8796	0.0801	0.000570	-0.000022	-0.000023
54	0.0579	0.8975	0.1327	0.001342	0.000052	-0.000023
55	0.0419	0.8755	-0.2178	0.001199	-0.000415	-0.000023
56	0.0419	0.8796	-0.1863	0.000309	0.000007	-0.000023
57	0.0399	0.8575	-0.2717	0.001489	-0.000004	-0.000023
58	0.0399	0.8728	-0.2561	0.001697	-0.000936	-0.000023
59	0.0399	0.8823	-0.2125	0.000334	0.000031	-0.000023
60	0.0631	0.8755	0.4364	0.001170	0.000322	-0.000023
61	0.0631	0.8796	0.4483	0.001232	-0.000206	-0.000023
62	0.0399	0.8975	-0.2350	0.000410	-0.000025	-0.000023
63	0.0399	0.8796	-0.2035	0.000212	-0.000004	-0.000023
64	0.0608	0.9226	0.2273	0.000044	0.000008	-0.000019
65	0.0608	0.9308	0.2202	0.000080	0.000068	-0.000019
66	0.0608	0.9487	0.2695	0.002293	0.000299	-0.000019
67	0.0608	0.9569	0.2986	0.002066	0.000044	-0.000019
68	0.0558	0.9308	0.1556	-0.000242	-0.000046	-0.000019
69	0.0563	0.9380	0.1262	-0.000247	-0.000055	-0.000019
70	0.0563	0.9415	0.1653	0.002161	-0.000021	-0.000019
71	0.0558	0.9491	0.0699	0.002147	-0.000063	-0.000019
72	0.0563	0.9226	0.1643	-0.000233	-0.000021	-0.000019
73	0.0535	0.9380	0.0901	0.000000	0.000005	-0.000019
74	0.0535	0.9415	0.0755	0.000000	0.000010	-0.000019
75	0.0563	0.9569	0.1306	0.002105	-0.000002	-0.000019
76	0.0426	0.9380	-0.2253	0.000362	0.000013	-0.000019
77	0.0426	0.9415	-0.1785	0.000129	-0.000111	-0.000019
78	0.0409	0.9226	-0.2771	0.002429	-0.000044	-0.000019
79	0.0409	0.9357	-0.2547	0.001083	-0.000444	-0.000019

80	0.0409	0.9438	-0.2069	0.000052	-0.000190	-0.000019
81	0.0409	0.9569	-0.2140	0.000051	0.000013	-0.000019
82	0.0409	0.9415	-0.1975	0.000059	0.000025	-0.000019
83	0.0458	0.6405	0.2773	0.000574	-0.000091	0.000045
84	0.0376	0.4675	0.2689	0.000594	-0.000172	0.000360
85	0.0393	0.4180	0.2539	0.000690	-0.000087	0.000441
86	0.0533	0.6809	0.2726	0.000606	0.000000	-0.000020
87	0.0533	0.6831	0.2535	0.000706	0.000000	-0.000020
88	0.0559	0.6745	0.2729	0.000595	0.000018	-0.000062
89	0.0471	0.4279	0.2560	0.000767	0.000024	-0.000517
90	0.0484	0.4892	0.2639	0.000647	0.000106	-0.000508
91	0.0533	0.7120	0.2607	0.000435	0.000000	-0.000020
92	0.0533	0.7141	0.2731	0.000548	0.000000	-0.000020
93	0.0178	0.2970	-0.2473	0.000862	0.000057	0.000876
94	0.0154	0.2079	-0.2400	0.001004	-0.000016	0.000048
95	0.0331	0.6838	-0.2589	0.000528	0.000000	-0.000020
96	0.0331	0.6874	-0.2492	0.000663	0.000000	-0.000020
97	0.0427	0.2193	-0.2193	0.000905	-0.000034	-0.000181
98	0.0374	0.3362	-0.2375	0.000765	-0.000112	-0.001026
99	0.0331	0.7080	-0.2238	0.001062	0.000000	-0.000020
100	0.0331	0.7115	-0.2411	0.000866	0.000000	-0.000020
101	0.0592	0.8369	0.2567	0.000570	-0.000096	-0.000017
102	0.0631	0.8584	0.2470	0.000422	0.000000	-0.000023
103	0.0631	0.8609	0.2400	0.000426	0.000000	-0.000023
104	0.0631	0.8941	0.2649	0.001888	0.000000	-0.000023
105	0.0631	0.8965	0.2853	0.001605	0.000000	-0.000023
106	0.0686	0.8680	0.2874	0.000492	0.000085	-0.000294
107	0.0399	0.8658	-0.2550	0.002025	0.000000	-0.000023
108	0.0399	0.8633	-0.2582	0.001927	0.000000	-0.000023
109	0.0331	0.6852	-0.2584	0.000597	0.000000	-0.000020
110	0.0399	0.8908	-0.2247	0.000472	0.000000	-0.000023
111	0.0399	0.8933	-0.2295	0.000468	0.000000	-0.000023
112	0.0331	0.7091	-0.2271	0.001095	0.000000	-0.000020
113	0.0331	0.7113	-0.2407	0.000894	0.000000	-0.000020
114	0.0533	0.6820	0.2632	0.000642	0.000000	-0.000020
115	0.0533	0.6849	0.2489	0.000747	0.000000	-0.000020
116	0.0533	0.6866	0.2478	0.000744	0.000000	-0.000020
117	0.0384	0.4438	0.2601	0.000642	-0.000140	0.000475
118	0.0406	0.3871	0.2498	0.000762	-0.000012	0.000219
119	0.0415	0.3789	0.2505	0.000803	0.000025	-0.000030
120	0.0436	0.5879	0.2776	0.000536	0.000031	0.000027
121	0.0450	0.5338	0.2773	0.000649	0.000002	0.000069
122	0.0508	0.6182	0.2524	0.000811	-0.000319	-0.000022
123	0.0455	0.5441	0.2543	0.000864	0.000111	-0.000053
124	0.0436	0.4661	0.2549	0.000944	-0.000112	-0.000142
125	0.0503	0.6801	0.1969	0.000000	-0.000046	-0.000020
126	0.0518	0.6801	0.2355	0.000000	-0.000056	-0.000020
127	0.0192	0.4800	0.1948	0.000515	-0.000316	-0.000188
128	0.0347	0.4793	0.2346	0.000526	-0.000240	-0.000171
129	0.0456	0.6309	0.1594	0.000000	0.000034	-0.000022
130	0.0457	0.5810	0.1587	0.000000	-0.000031	-0.000034
131	0.0378	0.5309	0.1575	0.000000	-0.000152	-0.000021
132	0.0516	0.6884	0.1899	0.000000	-0.000116	-0.000020
133	0.0499	0.6884	0.1306	0.000000	-0.000033	-0.000020
134	0.0315	0.3881	0.1840	0.000806	0.000054	-0.000106
135	0.0234	0.3874	0.1137	0.000815	0.000078	-0.000082
136	0.0431	0.6172	0.0557	0.000000	-0.000167	0.000009
137	0.0281	0.5425	0.0471	0.000000	-0.000168	-0.000064
138	0.0164	0.4649	0.0425	0.000000	-0.000097	-0.000087
139	0.0533	0.7084	0.2611	0.000608	0.000000	-0.000020
140	0.0533	0.7102	0.2605	0.000499	0.000000	-0.000020
141	0.0533	0.7131	0.2665	0.000573	0.000000	-0.000020
142	0.0455	0.3752	0.2624	0.000901	-0.000070	-0.000075
143	0.0463	0.3910	0.2572	0.000853	-0.000041	-0.000291
144	0.0477	0.4585	0.2588	0.000707	0.000075	-0.000579
145	0.0525	0.6287	0.2665	0.000917	0.000252	-0.000122
146	0.0528	0.5457	0.2695	0.000961	-0.000162	-0.000109
147	0.0491	0.4591	0.2706	0.001044	0.000029	-0.000029
148	0.0520	0.6203	0.2712	0.000568	-0.000091	-0.000100
149	0.0459	0.5651	0.2701	0.000651	-0.000049	-0.000210
150	0.0499	0.7069	0.1251	-0.000002	-0.000032	-0.000020
151	0.0516	0.7068	0.1932	0.000004	0.000050	-0.000020

152	0.0309	0.3730	0.1105	0.000913	-0.000077	-0.000097
153	0.0395	0.3728	0.1900	0.000910	-0.000077	-0.000093
154	0.0439	0.6288	0.0439	-0.000001	-0.000015	-0.000011
155	0.0373	0.5457	0.0348	0.000001	0.000008	-0.000042
156	0.0309	0.4595	0.0303	0.000000	0.000002	-0.000067
157	0.0518	0.7150	0.2299	0.000000	-0.000010	-0.000020
158	0.0503	0.7150	0.1859	0.000000	-0.000033	-0.000020
159	0.0370	0.5090	0.2246	0.000564	0.000171	-0.000025
160	0.0378	0.5101	0.1818	0.000555	0.000246	0.000005
161	0.0416	0.6641	0.1426	0.000000	-0.000204	-0.000049
162	0.0258	0.6135	0.1421	0.000000	-0.000156	-0.000070
163	0.0175	0.5627	0.1411	0.000000	-0.000031	-0.000112
164	0.0474	0.6958	0.1390	0.000000	-0.000035	-0.000020
165	0.0172	0.4773	0.1365	0.000512	0.000046	0.000023
166	0.0464	0.6411	0.1845	0.000000	-0.000135	-0.000055
167	0.0329	0.5861	0.1845	0.000000	-0.000171	0.000022
168	0.0197	0.5309	0.1817	0.000000	-0.000118	0.000033
169	0.0401	0.6413	0.0989	0.000636	-0.000085	-0.000027
170	0.0336	0.5863	0.0992	0.000612	-0.000064	-0.000021
171	0.0266	0.5313	0.0990	0.000659	-0.000099	0.000040
172	0.0474	0.6993	0.1299	0.000000	-0.000057	-0.000020
173	0.0246	0.4853	0.1266	0.000528	-0.000145	-0.000002
174	0.0402	0.6462	0.0886	0.000624	-0.000080	-0.000022
175	0.0337	0.5928	0.0885	0.000590	-0.000071	-0.000034
176	0.0274	0.5392	0.0883	0.000647	-0.000071	-0.000090
177	0.0414	0.6462	0.1738	0.000000	-0.000017	0.000010
178	0.0391	0.5926	0.1735	0.000000	-0.000036	-0.000040
179	0.0336	0.5387	0.1714	0.000000	-0.000093	-0.000012
180	0.0351	0.6801	-0.1975	0.000000	-0.000079	-0.000020
181	0.0371	0.6801	-0.1416	0.000000	-0.000122	-0.000020
182	0.0390	0.6801	-0.0872	0.000000	-0.000134	-0.000020
183	0.0410	0.6801	-0.0349	0.000000	-0.000112	-0.000020
184	0.0429	0.6801	0.0154	0.000000	-0.000079	-0.000020
185	0.0449	0.6801	0.0642	0.000000	-0.000052	-0.000020
186	0.0469	0.6801	0.1120	0.000000	-0.000045	-0.000020
187	-0.0324	0.4778	-0.1935	0.000542	-0.000093	0.000299
188	-0.0475	0.4792	-0.1402	0.000525	-0.000149	0.000025
189	-0.0422	0.4805	-0.0883	0.000514	-0.000188	-0.000116
190	-0.0273	0.4816	-0.0375	0.000501	-0.000217	-0.000173
191	-0.0096	0.4823	0.0120	0.000489	-0.000244	-0.000174
192	0.0060	0.4824	0.0603	0.000477	-0.000277	-0.000134
193	0.0156	0.4818	0.1076	0.000470	-0.000323	-0.000052
194	0.0287	0.6300	-0.2523	0.000558	-0.000056	0.000054
195	0.0243	0.5798	-0.2513	0.000591	-0.000057	0.000268
196	0.0207	0.5287	-0.2507	0.000604	-0.000035	0.000562
197	0.0460	0.6976	0.0924	0.000612	0.000000	-0.000020
198	0.0208	0.4788	0.0938	0.000547	-0.000059	-0.000062
199	0.0441	0.6958	0.0470	0.000000	-0.000049	-0.000020
200	0.0423	0.6958	-0.0033	0.000000	-0.000043	-0.000020
201	0.0404	0.6958	-0.0543	0.000000	-0.000033	-0.000020
202	0.0386	0.6958	-0.1064	0.000000	-0.000016	-0.000020
203	0.0367	0.6958	-0.1599	0.000000	0.000002	-0.000020
204	0.0236	0.4789	0.0475	0.000542	-0.000035	0.000029
205	0.0264	0.4792	-0.0035	0.000542	-0.000024	0.000032
206	0.0298	0.4791	-0.0546	0.000543	-0.000011	0.000039
207	0.0333	0.4785	-0.1060	0.000547	0.000006	0.000034
208	0.0352	0.4775	-0.1578	0.000553	0.000026	0.000000
209	0.0344	0.6414	-0.2148	0.000000	-0.000010	-0.000057
210	0.0347	0.5868	-0.2143	0.000000	0.000013	-0.000064
211	0.0328	0.5316	-0.2130	0.000000	-0.000064	-0.000027
212	0.0367	0.6993	-0.1562	0.000000	-0.000070	-0.000020
213	0.0386	0.6993	-0.1077	0.000000	-0.000073	-0.000020
214	0.0404	0.6993	-0.0601	0.000000	-0.000071	-0.000020
215	0.0423	0.6993	-0.0120	0.000000	-0.000066	-0.000020
216	0.0441	0.6993	0.0373	0.000000	-0.000058	-0.000020
217	0.0241	0.4910	-0.1518	0.000497	0.000030	0.000065
218	0.0182	0.4915	-0.1049	0.000498	0.000001	0.000056
219	0.0141	0.4912	-0.0578	0.000503	-0.000025	0.000031
220	0.0127	0.4903	-0.0100	0.000510	-0.000046	-0.000003
221	0.0149	0.4887	0.0385	0.000520	-0.000061	-0.000044
222	0.0309	0.6477	-0.2042	0.000000	-0.000043	0.000037
223	0.0266	0.5955	-0.2029	0.000000	-0.000050	0.000076

RELAZIONE DI CALCOLO -

224	0.0253	0.5428	-0.2013	0.000000	0.000028	0.000058
225	0.0469	0.7150	0.0879	0.000000	-0.000092	-0.000020
226	0.0449	0.7150	0.0357	0.000000	-0.000098	-0.000020
227	0.0429	0.7150	-0.0141	0.000000	-0.000067	-0.000020
228	0.0410	0.7150	-0.0621	0.000000	-0.000017	-0.000020
229	0.0390	0.7150	-0.1088	0.000000	0.000038	-0.000020
230	0.0371	0.7150	-0.1551	0.000000	0.000073	-0.000020
231	0.0351	0.7150	-0.2023	0.000000	0.000062	-0.000020
232	0.0158	0.5140	0.0876	0.000504	0.000224	-0.000057
233	0.0170	0.5164	0.0378	0.000493	0.000158	0.000076
234	0.0296	0.5185	-0.0110	0.000482	0.000116	0.000171
235	0.0496	0.5200	-0.0588	0.000473	0.000090	0.000221
236	0.0714	0.5208	-0.1057	0.000467	0.000071	0.000205
237	0.0867	0.5210	-0.1523	0.000466	0.000050	0.000081
238	0.0816	0.5204	-0.1993	0.000477	0.000016	-0.000214
239	0.0323	0.6665	-0.2511	0.000554	0.000010	-0.000162
240	0.0336	0.6182	-0.2504	0.000552	0.000025	-0.000360
241	0.0353	0.5690	-0.2499	0.000602	0.000028	-0.000613
242	0.0287	0.6415	-0.2684	0.000631	-0.000053	-0.000066
243	0.0238	0.5871	-0.2683	0.000626	-0.000052	-0.000178
244	0.0175	0.5317	-0.2677	0.000666	-0.000091	-0.000311
245	0.0374	0.6481	-0.2501	0.000613	0.000035	0.000108
246	0.0412	0.5959	-0.2498	0.000588	0.000048	0.000250
247	0.0456	0.5428	-0.2495	0.000659	0.000043	0.000393
248	0.0331	0.6820	-0.2567	0.000523	0.000000	-0.000020
249	0.0331	0.6863	-0.2531	0.000652	0.000000	-0.000020
250	0.0331	0.6889	-0.2503	0.000582	0.000000	-0.000020
251	0.0331	0.6904	-0.2527	0.000566	0.000000	-0.000020
252	0.0331	0.6919	-0.2557	0.000531	0.000000	-0.000020
253	0.0185	0.3889	-0.2504	0.000751	0.000011	0.001013
254	0.0166	0.2333	-0.2416	0.000933	0.000051	0.000511
255	0.0145	0.2188	-0.2429	0.001041	-0.000052	-0.000322
256	0.0137	0.2560	-0.2474	0.001019	-0.000061	-0.000630
257	0.0128	0.3138	-0.2522	0.000948	-0.000065	-0.000849
258	0.0288	0.6339	-0.2597	0.000807	0.000000	-0.000089
259	0.0239	0.5553	-0.2593	0.000992	0.000000	-0.000357
260	0.0182	0.4659	-0.2585	0.001045	0.000000	-0.000686
261	0.0331	0.6946	-0.2641	0.000616	0.000000	-0.000020
262	0.0112	0.4354	-0.2618	0.000746	-0.000072	-0.000799
263	0.0331	0.7033	-0.2265	0.000932	0.000000	-0.000020
264	0.0331	0.7048	-0.2242	0.001016	0.000000	-0.000020
265	0.0331	0.7064	-0.2231	0.001057	0.000000	-0.000020
266	0.0331	0.7102	-0.2347	0.001021	0.000000	-0.000020
267	0.0331	0.7132	-0.2456	0.000715	0.000000	-0.000020
268	0.0486	0.3163	-0.2286	0.000864	0.000079	0.000870
269	0.0468	0.2564	-0.2231	0.000930	0.000060	0.000606
270	0.0448	0.2220	-0.2194	0.000947	0.000029	0.000243
271	0.0401	0.2581	-0.2263	0.000835	-0.000115	-0.000672
272	0.0358	0.4331	-0.2449	0.000667	-0.000060	-0.001100
273	0.0370	0.6299	-0.2354	0.000825	0.000000	0.000184
274	0.0406	0.5521	-0.2364	0.000956	0.000000	0.000459
275	0.0449	0.4673	-0.2363	0.000977	0.000000	0.000759
276	0.0331	0.7005	-0.2423	0.000676	0.000000	-0.000020
277	0.0511	0.4463	-0.2418	0.000672	0.000107	0.000851
278	0.0631	0.8596	0.2419	0.000422	0.000000	-0.000023
279	0.0631	0.8629	0.2382	0.000423	0.000000	-0.000023
280	0.0631	0.8650	0.2352	0.000375	0.000000	-0.000023
281	0.0542	0.7868	0.2664	0.000560	-0.000018	0.000005
282	0.0553	0.7341	0.2728	0.000609	0.000040	-0.000005
283	0.0616	0.8310	0.2363	0.000441	-0.000298	0.000018
284	0.0582	0.7895	0.2407	0.000623	0.000184	0.000019
285	0.0547	0.7420	0.2451	0.000594	-0.000318	0.000010
286	0.0597	0.8575	0.1915	0.000000	-0.000001	-0.000023
287	0.0614	0.8575	0.2218	0.000000	-0.000028	-0.000023
288	0.0580	0.8159	0.1600	0.000000	-0.000006	-0.000018
289	0.0566	0.7722	0.1598	0.000000	-0.000031	-0.000017
290	0.0542	0.7268	0.1598	0.000000	-0.000028	-0.000016
291	0.0612	0.8670	0.1955	0.000000	-0.000026	-0.000023
292	0.0592	0.8670	0.1593	0.000000	-0.000011	-0.000023
293	0.0548	0.8297	0.1097	0.000000	-0.000030	-0.000025
294	0.0522	0.7875	0.0954	0.000000	-0.000038	-0.000043
295	0.0485	0.7400	0.0820	0.000000	-0.000057	-0.000066

RELAZIONE DI CALCOLO -

296	0.0631	0.8900	0.2602	0.001725	0.000000	-0.000023
297	0.0631	0.8920	0.2608	0.001824	0.000000	-0.000023
298	0.0631	0.8953	0.2737	0.001835	0.000000	-0.000023
299	0.0593	0.8382	0.2572	0.000152	0.000191	0.000292
300	0.0584	0.7983	0.2549	0.000770	-0.000195	0.000163
301	0.0575	0.7541	0.2568	0.000381	0.000202	0.000020
302	0.0665	0.8157	0.2791	0.000568	-0.000114	-0.000212
303	0.0571	0.7654	0.2753	0.000533	-0.000095	-0.000032
304	0.0592	0.8883	0.1280	0.000007	0.000085	-0.000023
305	0.0612	0.8881	0.1895	0.000020	0.000261	-0.000023
306	0.0569	0.8437	0.0759	0.000003	0.000040	-0.000059
307	0.0551	0.7993	0.0756	0.000000	0.000004	-0.000058
308	0.0507	0.7545	0.0705	-0.000002	-0.000027	-0.000060
309	0.0614	0.8975	0.2293	0.000000	0.000005	-0.000023
310	0.0597	0.8975	0.1788	0.000000	0.000014	-0.000023
311	0.0583	0.8503	0.1365	0.000000	-0.000037	-0.000016
312	0.0552	0.8041	0.1396	0.000000	-0.000042	-0.000001
313	0.0504	0.7591	0.1416	0.000000	-0.000083	-0.000002
314	0.0563	0.8755	0.1228	0.000000	-0.000010	-0.000023
315	0.0581	0.8338	0.1660	0.000000	-0.000056	-0.000049
316	0.0537	0.7893	0.1737	0.000000	-0.000055	-0.000030
317	0.0487	0.7430	0.1790	0.000000	-0.000073	0.000016
318	0.0524	0.8342	0.0930	0.000555	-0.000034	-0.000021
319	0.0500	0.7898	0.0944	0.000585	-0.000030	-0.000019
320	0.0481	0.7435	0.0960	0.000612	-0.000016	-0.000017
321	0.0563	0.8796	0.1206	0.000000	-0.000008	-0.000023
322	0.0522	0.8349	0.0837	0.000578	-0.000035	-0.000010
323	0.0502	0.7900	0.0861	0.000578	-0.000020	-0.000003
324	0.0485	0.7449	0.0877	0.000585	-0.000021	-0.000009
325	0.0571	0.8340	0.1658	0.000000	-0.000009	-0.000035
326	0.0562	0.7894	0.1682	0.000000	-0.000016	-0.000058
327	0.0552	0.7446	0.1705	0.000000	-0.000009	-0.000068
328	0.0421	0.8575	-0.1920	0.000000	-0.000058	-0.000023
329	0.0444	0.8575	-0.1312	0.000000	-0.000001	-0.000023
330	0.0467	0.8575	-0.0758	0.000000	0.000007	-0.000023
331	0.0489	0.8575	-0.0237	0.000000	0.000010	-0.000023
332	0.0512	0.8575	0.0257	0.000000	0.000008	-0.000023
333	0.0534	0.8575	0.0728	0.000000	0.000005	-0.000023
334	0.0557	0.8575	0.1178	0.000000	0.000005	-0.000023
335	0.0412	0.8047	-0.2622	0.000157	0.000014	0.000258
336	0.0392	0.7645	-0.2571	0.000735	-0.000052	0.000144
337	0.0361	0.7215	-0.2546	0.000427	-0.000027	0.000008
338	0.0547	0.8775	0.0891	0.000544	0.000000	-0.000023
339	0.0525	0.8755	0.0483	0.000000	-0.000014	-0.000023
340	0.0504	0.8755	0.0025	0.000000	-0.000002	-0.000023
341	0.0483	0.8755	-0.0457	0.000000	0.000002	-0.000023
342	0.0462	0.8755	-0.0977	0.000000	-0.000012	-0.000023
343	0.0440	0.8755	-0.1544	0.000000	0.000041	-0.000023
344	0.0287	0.8286	-0.2141	0.000000	0.000044	-0.000179
345	0.0311	0.7842	-0.2132	0.000000	0.000019	-0.000070
346	0.0334	0.7401	-0.2136	0.000000	0.000036	-0.000040
347	0.0440	0.8796	-0.1507	0.000000	-0.000005	-0.000023
348	0.0462	0.8796	-0.1095	0.000000	-0.000001	-0.000023
349	0.0483	0.8796	-0.0663	0.000000	0.000000	-0.000023
350	0.0504	0.8796	-0.0206	0.000000	-0.000001	-0.000023
351	0.0525	0.8796	0.0282	0.000000	-0.000011	-0.000023
352	0.0420	0.8382	-0.1991	0.000000	-0.000004	-0.000018
353	0.0411	0.7929	-0.2056	0.000000	-0.000019	-0.000021
354	0.0386	0.7460	-0.2080	0.000000	-0.000046	-0.000026
355	0.0557	0.8975	0.0766	0.000000	0.000007	-0.000023
356	0.0534	0.8975	0.0250	0.000000	0.000006	-0.000023
357	0.0512	0.8975	-0.0239	0.000000	-0.000002	-0.000023
358	0.0489	0.8975	-0.0701	0.000000	-0.000011	-0.000023
359	0.0467	0.8975	-0.1139	0.000000	-0.000021	-0.000023
360	0.0444	0.8975	-0.1555	0.000000	-0.000022	-0.000023
361	0.0421	0.8975	-0.1956	0.000000	-0.000018	-0.000023
362	0.0385	0.8549	-0.2431	0.000635	-0.000015	0.000033
363	0.0367	0.8092	-0.2482	0.000560	-0.000032	0.000060
364	0.0346	0.7624	-0.2510	0.000647	-0.000020	0.000039
365	0.0399	0.8594	-0.2632	0.001836	0.000000	-0.000023
366	0.0399	0.8614	-0.2601	0.001916	0.000000	-0.000023
367	0.0399	0.8646	-0.2566	0.002011	0.000000	-0.000023

RELAZIONE DI CALCOLO -

368	0.0399	0.8676	-0.2540	0.001929	0.000000	-0.000023
369	0.0399	0.8693	-0.2545	0.001926	0.000000	-0.000023
370	0.0399	0.8710	-0.2552	0.001906	0.000000	-0.000023
371	0.0390	0.7761	-0.2566	0.000791	0.000000	-0.000025
372	0.0378	0.7381	-0.2573	0.000212	0.000000	0.000006
373	0.0359	0.7224	-0.2582	0.000206	0.000000	-0.000036
374	0.0399	0.8844	-0.2175	0.000387	0.000000	-0.000023
375	0.0399	0.8865	-0.2203	0.000414	0.000000	-0.000023
376	0.0399	0.8887	-0.2225	0.000444	0.000000	-0.000023
377	0.0399	0.8921	-0.2267	0.000476	0.000000	-0.000023
378	0.0399	0.8954	-0.2325	0.000421	0.000000	-0.000023
379	0.0371	0.8555	-0.2164	0.000364	0.000000	-0.000004
380	0.0347	0.8197	-0.2202	0.000562	0.000000	-0.000014
381	0.0331	0.7660	-0.2249	0.000822	0.000000	-0.000041
382	0.0608	0.9242	0.2322	-0.000047	0.000000	-0.000019
383	0.0608	0.9259	0.2332	-0.000117	0.000000	-0.000019
384	0.0608	0.9275	0.2313	-0.000114	0.000000	-0.000019
385	0.0608	0.9291	0.2268	-0.000044	0.000000	-0.000019
386	0.0624	0.9163	0.2285	0.000091	0.000028	-0.000077
387	0.0638	0.9019	0.2329	0.000230	-0.000005	-0.000117
388	0.0644	0.8823	0.2398	0.000196	0.000029	-0.000099
389	0.0616	0.9239	0.2204	0.000064	-0.000059	0.000040
390	0.0627	0.9106	0.2224	0.000241	0.000126	0.000071
391	0.0620	0.8930	0.2261	0.000126	-0.000210	0.000039
392	0.0578	0.9226	0.1912	0.000000	-0.000004	-0.000019
393	0.0593	0.9226	0.2131	0.000000	-0.000004	-0.000019
394	0.0563	0.9059	0.1619	0.000000	0.000016	-0.000016
395	0.0573	0.8840	0.1608	0.000000	0.000006	-0.000022
396	0.0591	0.9308	0.2015	0.000000	0.000025	-0.000019
397	0.0574	0.9308	0.1774	0.000000	0.000018	-0.000019
398	0.0560	0.9104	0.1528	0.000000	0.000043	-0.000054
399	0.0582	0.8916	0.1428	0.000000	0.000006	-0.000023
400	0.0608	0.9552	0.2756	0.002054	0.000000	-0.000019
401	0.0608	0.9536	0.2639	0.002031	0.000000	-0.000019
402	0.0608	0.9520	0.2608	0.002080	0.000000	-0.000019
403	0.0608	0.9503	0.2597	0.002132	0.000000	-0.000019
404	0.0591	0.9488	0.1902	0.000004	0.000051	-0.000019
405	0.0574	0.9489	0.1283	0.000007	0.000086	-0.000019
406	0.0578	0.9569	0.1792	0.000000	0.000034	-0.000019
407	0.0593	0.9569	0.2307	0.000000	0.000067	-0.000019
408	0.0549	0.9380	0.1126	0.000000	0.000008	-0.000019
409	0.0552	0.9266	0.1295	0.000000	0.000024	0.000002
410	0.0557	0.9047	0.1393	0.000000	-0.000014	0.000005
411	0.0543	0.9229	0.0893	0.000000	0.000014	-0.000019
412	0.0552	0.9015	0.0899	0.000000	0.000007	-0.000018
413	0.0549	0.9415	0.1178	0.000000	0.000027	-0.000019
414	0.0547	0.9120	0.0768	0.000000	0.000018	-0.000015
415	0.0426	0.9226	-0.2000	0.000000	0.000011	-0.000019
416	0.0443	0.9226	-0.1447	0.000000	-0.000002	-0.000019
417	0.0460	0.9226	-0.0922	0.000000	-0.000004	-0.000019
418	0.0478	0.9226	-0.0436	0.000000	-0.000001	-0.000019
419	0.0495	0.9226	0.0025	0.000000	0.000000	-0.000019
420	0.0512	0.9226	0.0465	0.000000	0.000003	-0.000019
421	0.0529	0.9226	0.0883	0.000000	0.000003	-0.000019
422	0.0546	0.9226	0.1279	0.000000	0.000006	-0.000019
423	0.0517	0.9380	0.0518	0.000000	0.000008	-0.000019
424	0.0499	0.9380	0.0073	0.000000	0.000006	-0.000019
425	0.0481	0.9380	-0.0426	0.000000	0.000004	-0.000019
426	0.0463	0.9380	-0.0956	0.000000	-0.000006	-0.000019
427	0.0445	0.9380	-0.1529	0.000000	0.000026	-0.000019
428	0.0517	0.9415	0.0222	0.000000	0.000008	-0.000019
429	0.0499	0.9415	-0.0271	0.000000	0.000003	-0.000019
430	0.0481	0.9415	-0.0726	0.000000	0.000001	-0.000019
431	0.0463	0.9415	-0.1135	0.000000	0.000003	-0.000019
432	0.0445	0.9415	-0.1488	0.000000	0.000024	-0.000019
433	0.0420	0.9324	-0.1767	0.000000	0.000072	-0.000015
434	0.0449	0.9177	-0.1770	0.000000	0.000000	-0.000004
435	0.0435	0.8992	-0.1797	0.000000	-0.000035	-0.000004
436	0.0426	0.9569	-0.1953	0.000000	-0.000017	-0.000019
437	0.0443	0.9569	-0.1676	0.000000	-0.000010	-0.000019
438	0.0460	0.9569	-0.1341	0.000000	0.000003	-0.000019
439	0.0478	0.9569	-0.0965	0.000000	0.000007	-0.000019

RELAZIONE DI CALCOLO -

440	0.0495	0.9569	-0.0560	0.000000	0.000006	-0.000019
441	0.0512	0.9569	-0.0131	0.000000	0.000005	-0.000019
442	0.0529	0.9569	0.0323	0.000000	0.000005	-0.000019
443	0.0546	0.9569	0.0809	0.000000	0.000006	-0.000019
444	0.0419	0.9514	-0.2149	0.000064	0.000007	0.000047
445	0.0425	0.9386	-0.2190	0.000226	0.000005	0.000092
446	0.0420	0.9208	-0.2255	0.000151	-0.000016	0.000059
447	0.0402	0.9338	-0.1985	0.000113	-0.000028	-0.000033
448	0.0399	0.9188	-0.2011	0.000210	0.000018	-0.000101
449	0.0402	0.8991	-0.2035	0.000230	-0.000008	-0.000082
450	0.0409	0.9245	-0.2618	0.002304	0.000000	-0.000019
451	0.0409	0.9263	-0.2597	0.002167	0.000000	-0.000019
452	0.0409	0.9282	-0.2571	0.002178	0.000000	-0.000019
453	0.0409	0.9301	-0.2547	0.002223	0.000000	-0.000019
454	0.0409	0.9320	-0.2541	0.002120	0.000000	-0.000019
455	0.0409	0.9338	-0.2553	0.002472	0.000000	-0.000019
456	0.0409	0.9457	-0.2136	-0.000184	0.000000	-0.000019
457	0.0409	0.9475	-0.2180	-0.000268	0.000000	-0.000019
458	0.0409	0.9494	-0.2213	-0.000304	0.000000	-0.000019
459	0.0409	0.9513	-0.2233	-0.000288	0.000000	-0.000019
460	0.0409	0.9531	-0.2237	-0.000230	0.000000	-0.000019
461	0.0409	0.9550	-0.2211	-0.000096	0.000000	-0.000019
462	0.0402	0.9445	-0.2079	-0.000043	0.000000	-0.000129
463	0.0400	0.9374	-0.2088	0.000196	0.000000	-0.000169
464	0.0401	0.9132	-0.2102	0.000343	0.000000	-0.000110
465	0.0409	0.9426	-0.2031	0.000032	0.000000	-0.000019
466	0.0399	0.8809	-0.2070	0.000277	0.000000	-0.000023
467	0.0446	0.5305	0.2758	0.000695	0.000000	0.000087
468	0.0439	0.5873	0.2774	0.000521	0.000000	0.000010
469	0.0454	0.6388	0.2733	0.000592	0.000000	0.000035
470	0.0448	0.6369	0.2631	0.000647	0.000000	0.000034
471	0.0473	0.6347	0.2546	0.000683	0.000000	0.000040
472	0.0461	0.5643	0.2538	0.000830	0.000000	0.000105
473	0.0438	0.4875	0.2538	0.000814	0.000000	0.000234
474	0.0435	0.4675	0.2514	0.000977	0.000000	0.000166
475	0.0434	0.4597	0.2515	0.001000	0.000000	-0.000039
476	0.0459	0.5523	0.2519	0.000889	0.000000	0.000072
477	0.0460	0.5443	0.2516	0.000913	0.000000	0.000011
478	0.0495	0.6198	0.2502	0.000820	0.000000	0.000009
479	0.0488	0.6235	0.2508	0.000761	0.000000	0.000017
480	0.0479	0.6345	0.2366	0.000000	-0.000042	0.000025
481	0.0476	0.6323	0.1974	0.000000	-0.000014	-0.000029
482	0.0458	0.5327	0.2360	0.000000	-0.000017	-0.000059
483	0.0462	0.5845	0.2367	0.000000	0.000004	0.000036
484	0.0474	0.5825	0.1971	0.000000	0.000005	-0.000006
485	0.0408	0.5315	0.1961	0.000000	-0.000158	-0.000068
486	0.0439	0.6184	0.1243	0.000000	-0.000099	-0.000030
487	0.0475	0.6186	0.1885	0.000000	-0.000020	-0.000051
488	0.0238	0.4654	0.1161	0.000000	-0.000086	-0.000083
489	0.0338	0.5433	0.1193	0.000000	-0.000138	-0.000065
490	0.0400	0.5438	0.1870	0.000000	-0.000125	-0.000078
491	0.0323	0.4661	0.1854	0.000000	-0.000060	-0.000114
492	0.0491	0.5096	0.2565	0.000994	0.000000	-0.000304
493	0.0525	0.6003	0.2580	0.000945	0.000000	-0.000182
494	0.0556	0.6741	0.2608	0.000643	0.000000	-0.000063
495	0.0576	0.6745	0.2666	0.000531	0.000000	0.000035
496	0.0565	0.6732	0.2723	0.000613	0.000000	0.000000
497	0.0519	0.6165	0.2737	0.000588	0.000000	-0.000082
498	0.0464	0.5552	0.2708	0.000712	0.000000	-0.000231
499	0.0495	0.4648	0.2633	0.001116	0.000000	-0.000071
500	0.0494	0.4818	0.2592	0.001123	0.000000	-0.000251
501	0.0538	0.6427	0.2626	0.000898	0.000000	-0.000157
502	0.0525	0.5597	0.2636	0.001025	0.000000	-0.000163
503	0.0525	0.5775	0.2604	0.001029	0.000000	-0.000170
504	0.0542	0.6573	0.2606	0.000783	0.000000	-0.000102
505	0.0464	0.6295	0.1929	0.000000	0.000005	-0.000027
506	0.0448	0.6298	0.1203	0.000003	0.000037	-0.000011
507	0.0443	0.4596	0.1912	0.000003	0.000038	-0.000086
508	0.0455	0.5462	0.1924	0.000007	0.000096	-0.000057
509	0.0411	0.5462	0.1157	0.000003	0.000033	-0.000044
510	0.0371	0.4595	0.1128	0.000002	0.000021	-0.000077
511	0.0449	0.6659	0.1854	0.000000	-0.000102	-0.000028

512	0.0496	0.6676	0.2289	0.000000	-0.000045	-0.000091
513	0.0260	0.5632	0.1832	0.000000	0.000008	-0.000092
514	0.0330	0.6150	0.1844	0.000000	-0.000163	-0.000106
515	0.0426	0.6166	0.2277	0.000000	-0.000114	-0.000132
516	0.0335	0.5636	0.2262	0.000000	-0.000081	-0.000099
517	0.0427	0.6412	0.1405	0.000000	-0.000077	-0.000043
518	0.0342	0.5860	0.1405	0.000000	-0.000116	0.000008
519	0.0227	0.5306	0.1387	0.000000	-0.000150	0.000059
520	0.0415	0.6462	0.1305	0.000000	-0.000073	-0.000013
521	0.0362	0.5926	0.1301	0.000000	-0.000050	-0.000037
522	0.0321	0.5384	0.1284	0.000000	-0.000042	-0.000037
523	0.0346	0.5310	0.1087	0.000000	-0.000120	-0.000050
524	0.0415	0.5809	0.1099	0.000000	-0.000037	-0.000048
525	0.0438	0.6308	0.1110	0.000000	-0.000022	-0.000017
526	0.0249	0.5311	0.0608	0.000000	-0.000153	-0.000142
527	0.0348	0.5807	0.0617	0.000000	-0.000078	-0.000087
528	0.0405	0.6305	0.0628	0.000000	-0.000051	-0.000049
529	0.0093	0.5310	0.0123	0.000000	-0.000191	-0.000169
530	0.0240	0.5805	0.0129	0.000000	-0.000145	-0.000127
531	0.0349	0.6303	0.0140	0.000000	-0.000105	-0.000064
532	-0.0078	0.5305	-0.0374	0.000000	-0.000226	-0.000172
533	0.0114	0.5801	-0.0370	0.000000	-0.000213	-0.000124
534	0.0284	0.6300	-0.0362	0.000000	-0.000174	-0.000065
535	-0.0227	0.5299	-0.0885	0.000000	-0.000257	-0.000125
536	0.0008	0.5797	-0.0885	0.000000	-0.000275	-0.000087
537	0.0230	0.6297	-0.0881	0.000000	-0.000231	-0.000045
538	0.0205	0.6296	-0.1418	0.000000	-0.000253	-0.000005
539	0.0231	0.6297	-0.1969	0.000000	-0.000192	0.000058
540	-0.0288	0.5292	-0.1410	0.000000	-0.000274	0.000003
541	-0.0037	0.5794	-0.1416	0.000000	-0.000298	-0.000001
542	0.0034	0.5795	-0.1960	0.000000	-0.000250	0.000147
543	-0.0180	0.5289	-0.1949	0.000000	-0.000229	0.000209
544	0.0401	0.6439	0.0931	0.000614	0.000000	-0.000030
545	0.0337	0.5895	0.0934	0.000634	0.000000	-0.000043
546	0.0271	0.5322	0.0935	0.000670	0.000000	-0.000064
547	0.0348	0.5318	-0.1588	0.000000	-0.000019	-0.000011
548	0.0369	0.5866	-0.1597	0.000000	-0.000023	0.000011
549	0.0374	0.6413	-0.1601	0.000000	0.000010	-0.000006
550	0.0341	0.5323	-0.1064	0.000000	-0.000022	0.000026
551	0.0360	0.5867	-0.1067	0.000000	-0.000022	0.000008
552	0.0375	0.6413	-0.1068	0.000000	-0.000011	0.000003
553	0.0318	0.5326	-0.0548	0.000000	-0.000035	0.000024
554	0.0349	0.5869	-0.0549	0.000000	-0.000034	0.000014
555	0.0377	0.6414	-0.0547	0.000000	-0.000030	-0.000007
556	0.0385	0.6415	-0.0036	0.000000	-0.000045	-0.000009
557	0.0389	0.6415	0.0472	0.000000	-0.000070	0.000000
558	0.0294	0.5327	-0.0036	0.000000	-0.000046	0.000028
559	0.0340	0.5869	-0.0037	0.000000	-0.000057	0.000004
560	0.0333	0.5867	0.0474	0.000000	-0.000057	0.000012
561	0.0281	0.5323	0.0475	0.000000	-0.000065	-0.000003
562	0.0215	0.5406	0.0384	0.000000	-0.000091	-0.000037
563	0.0300	0.5933	0.0383	0.000000	-0.000100	-0.000042
564	0.0380	0.6463	0.0380	0.000000	-0.000083	-0.000027
565	0.0188	0.5416	-0.0103	0.000000	-0.000091	-0.000019
566	0.0271	0.5939	-0.0107	0.000000	-0.000100	-0.000020
567	0.0355	0.6466	-0.0112	0.000000	-0.000090	-0.000025
568	0.0184	0.5423	-0.0582	0.000000	-0.000073	0.000010
569	0.0256	0.5943	-0.0588	0.000000	-0.000091	-0.000011
570	0.0335	0.6468	-0.0594	0.000000	-0.000088	-0.000018
571	0.0315	0.6470	-0.1073	0.000000	-0.000088	-0.000023
572	0.0298	0.6472	-0.1556	0.000000	-0.000087	-0.000013
573	0.0200	0.5426	-0.1057	0.000000	-0.000039	0.000025
574	0.0247	0.5946	-0.1065	0.000000	-0.000068	-0.000009
575	0.0237	0.5950	-0.1544	0.000000	-0.000052	-0.000011
576	0.0220	0.5426	-0.1530	0.000000	0.000013	0.000018
577	0.0740	0.5691	-0.2007	0.000000	0.000152	-0.000157
578	0.0588	0.6179	-0.2019	0.000000	0.000184	-0.000144
579	0.0443	0.6665	-0.2024	0.000000	0.000142	-0.000078
580	0.0780	0.5690	-0.1533	0.000000	0.000145	0.000081
581	0.0636	0.6177	-0.1542	0.000000	0.000184	0.000044
582	0.0479	0.6665	-0.1548	0.000000	0.000171	0.000006
583	0.0642	0.5687	-0.1064	0.000000	0.000094	0.000195

584	0.0550	0.6173	-0.1072	0.000000	0.000116	0.000126
585	0.0453	0.6663	-0.1080	0.000000	0.000104	0.000045
586	0.0440	0.5680	-0.0594	0.000000	0.000038	0.000210
587	0.0416	0.6168	-0.0601	0.000000	0.000018	0.000139
588	0.0405	0.6659	-0.0610	0.000000	0.000007	0.000052
589	0.0252	0.5668	-0.0115	0.000000	-0.000012	0.000164
590	0.0289	0.6160	-0.0121	0.000000	-0.000073	0.000113
591	0.0361	0.6654	-0.0129	0.000000	-0.000089	0.000036
592	0.0340	0.6649	0.0368	0.000000	-0.000147	0.000008
593	0.0362	0.6644	0.0886	0.000000	-0.000156	-0.000053
594	0.0124	0.5654	0.0376	0.000000	-0.000052	0.000092
595	0.0212	0.6150	0.0374	0.000000	-0.000145	0.000038
596	0.0210	0.6141	0.0887	0.000000	-0.000185	-0.000031
597	0.0096	0.5638	0.0882	0.000000	-0.000073	-0.000040
598	0.0210	0.4047	-0.2537	0.001411	0.000000	0.000722
599	0.0255	0.5345	-0.2573	0.001339	0.000000	0.000298
600	0.0318	0.6369	-0.2588	0.000823	0.000000	-0.000020
601	0.0355	0.6352	-0.2563	0.000782	0.000000	0.000076
602	0.0330	0.6285	-0.2479	0.001006	0.000000	0.000043
603	0.0254	0.4957	-0.2431	0.001804	0.000000	-0.000065
604	0.0193	0.3324	-0.2411	0.001669	0.000000	-0.000198
605	0.0206	0.4697	-0.2515	0.001019	0.000000	0.000730
606	0.0248	0.5550	-0.2534	0.000907	0.000000	0.000317
607	0.0295	0.6280	-0.2551	0.000765	0.000000	0.000057
608	0.0194	0.3464	-0.2451	0.001708	0.000000	-0.000247
609	0.0193	0.3722	-0.2491	0.001549	0.000000	-0.000493
610	0.0188	0.4145	-0.2535	0.001320	0.000000	-0.000664
611	0.0243	0.5287	-0.2546	0.001268	0.000000	-0.000363
612	0.0292	0.6266	-0.2553	0.000974	0.000000	-0.000123
613	0.0254	0.4967	-0.2475	0.001597	0.000000	-0.000154
614	0.0248	0.5065	-0.2507	0.001487	0.000000	-0.000276
615	0.0297	0.6197	-0.2518	0.001098	0.000000	-0.000111
616	0.0306	0.6165	-0.2490	0.001190	0.000000	-0.000066
617	0.0287	0.6380	-0.2639	0.000683	0.000000	-0.000057
618	0.0238	0.5740	-0.2635	0.000776	0.000000	-0.000264
619	0.0177	0.5043	-0.2627	0.000820	0.000000	-0.000590
620	0.0427	0.3301	-0.2188	0.001485	0.000000	0.000117
621	0.0382	0.4815	-0.2192	0.001739	0.000000	0.000062
622	0.0320	0.6250	-0.2224	0.001312	0.000000	-0.000083
623	0.0277	0.6351	-0.2312	0.001074	0.000000	-0.000121
624	0.0303	0.6473	-0.2427	0.000965	0.000000	-0.000155
625	0.0331	0.5468	-0.2457	0.001168	0.000000	-0.000509
626	0.0354	0.4322	-0.2443	0.001259	0.000000	-0.000870
627	0.0360	0.6164	-0.2287	0.001058	0.000000	0.000159
628	0.0398	0.5166	-0.2297	0.001225	0.000000	0.000429
629	0.0439	0.4090	-0.2295	0.001231	0.000000	0.000706
630	0.0430	0.3620	-0.2244	0.001439	0.000000	0.000492
631	0.0426	0.3380	-0.2210	0.001570	0.000000	0.000190
632	0.0353	0.6070	-0.2250	0.001244	0.000000	0.000105
633	0.0390	0.4900	-0.2251	0.001450	0.000000	0.000285
634	0.0384	0.4773	-0.2225	0.001568	0.000000	0.000134
635	0.0343	0.6059	-0.2229	0.001365	0.000000	0.000040
636	0.0310	0.6746	-0.2348	0.001024	0.000000	-0.000084
637	0.0315	0.6780	-0.2394	0.000959	0.000000	-0.000086
638	0.0357	0.5055	-0.2454	0.000923	0.000000	-0.000860
639	0.0332	0.5850	-0.2463	0.000835	0.000000	-0.000477
640	0.0318	0.6530	-0.2465	0.000744	0.000000	-0.000216
641	0.0374	0.6402	-0.2423	0.000701	0.000000	0.000157
642	0.0411	0.5772	-0.2427	0.000739	0.000000	0.000375
643	0.0454	0.5104	-0.2425	0.000787	0.000000	0.000675
644	0.0555	0.7342	0.2719	0.000582	0.000000	-0.000002
645	0.0549	0.7870	0.2648	0.000599	0.000000	-0.000014
646	0.0598	0.8391	0.2505	0.000534	0.000000	-0.000075
647	0.0604	0.8427	0.2417	0.000423	0.000000	-0.000046
648	0.0615	0.8445	0.2414	0.000396	0.000000	-0.000019
649	0.0580	0.8043	0.2456	0.000506	0.000000	-0.000019
650	0.0555	0.7484	0.2491	0.000735	0.000000	-0.000021
651	0.0556	0.7476	0.2466	0.000710	0.000000	-0.000028
652	0.0552	0.7457	0.2451	0.000693	0.000000	0.000009
653	0.0581	0.8009	0.2435	0.000550	0.000000	-0.000017
654	0.0579	0.7949	0.2420	0.000558	0.000000	0.000026
655	0.0606	0.8344	0.2384	0.000467	0.000000	0.000002

RELAZIONE DI CALCOLO -

656	0.0607	0.8364	0.2407	0.000404	0.000000	-0.000023
657	0.0584	0.8245	0.2253	0.000000	-0.000057	0.000034
658	0.0590	0.8193	0.1930	0.000000	-0.000019	-0.000008
659	0.0548	0.7321	0.2331	0.000000	-0.000013	-0.000008
660	0.0557	0.7804	0.2296	0.000000	-0.000012	0.000036
661	0.0573	0.7758	0.1945	0.000000	-0.000022	0.000005
662	0.0545	0.7290	0.1959	0.000000	-0.000051	0.000007
663	0.0580	0.8314	0.1524	0.000000	-0.000019	-0.000049
664	0.0614	0.8316	0.1941	0.000000	0.000010	-0.000024
665	0.0528	0.7416	0.1371	0.000000	-0.000037	-0.000031
666	0.0557	0.7892	0.1446	0.000000	-0.000040	-0.000038
667	0.0582	0.7898	0.1928	0.000000	-0.000088	-0.000019
668	0.0546	0.7421	0.1914	0.000000	0.000009	-0.000013
669	0.0565	0.7348	0.2589	0.000094	0.000000	0.000069
670	0.0602	0.7518	0.2595	0.000301	0.000000	0.000140
671	0.0652	0.8280	0.2635	0.001413	0.000000	0.000137
672	0.0696	0.8263	0.2740	0.001680	0.000000	-0.000133
673	0.0696	0.8479	0.2853	0.000831	0.000000	-0.000531
674	0.0667	0.8048	0.2831	0.000281	0.000000	-0.000277
675	0.0575	0.7649	0.2791	0.000600	0.000000	-0.000003
676	0.0571	0.7505	0.2605	0.000451	0.000000	0.000089
677	0.0566	0.7425	0.2608	0.000262	0.000000	0.000123
678	0.0600	0.8091	0.2606	0.000457	0.000000	0.000304
679	0.0588	0.7810	0.2604	0.000320	0.000000	0.000267
680	0.0596	0.7619	0.2613	0.000238	0.000000	0.000174
681	0.0621	0.8025	0.2609	0.000828	0.000000	-0.000020
682	0.0678	0.8404	0.1929	0.000001	0.000013	-0.000083
683	0.0619	0.8428	0.1305	0.000005	0.000070	-0.000056
684	0.0582	0.7544	0.1934	-0.000007	-0.000092	-0.000005
685	0.0649	0.7977	0.1935	0.000000	0.000001	-0.000015
686	0.0608	0.7988	0.1310	-0.000001	-0.000013	-0.000076
687	0.0557	0.7548	0.1288	-0.000002	-0.000027	-0.000052
688	0.0592	0.8532	0.1820	0.000000	-0.000033	-0.000002
689	0.0590	0.8546	0.2319	0.000000	-0.000047	0.000011
690	0.0519	0.7608	0.1858	0.000000	-0.000014	-0.000022
691	0.0552	0.8065	0.1847	0.000000	-0.000065	0.000004
692	0.0565	0.8086	0.2320	0.000000	-0.000026	-0.000029
693	0.0540	0.7620	0.2310	0.000000	-0.000039	-0.000036
694	0.0548	0.8346	0.1281	0.000000	-0.000030	-0.000042
695	0.0516	0.7899	0.1329	0.000000	-0.000050	-0.000026
696	0.0491	0.7434	0.1365	0.000000	-0.000015	-0.000008
697	0.0543	0.8344	0.1240	0.000000	-0.000039	-0.000044
698	0.0522	0.7898	0.1267	0.000000	-0.000012	-0.000051
699	0.0508	0.7449	0.1286	0.000000	-0.000029	-0.000052
700	0.0513	0.7262	0.1130	0.000000	-0.000064	-0.000037
701	0.0547	0.7713	0.1143	0.000000	-0.000024	-0.000024
702	0.0558	0.8151	0.1159	0.000000	-0.000004	-0.000025
703	0.0490	0.7256	0.0657	0.000000	-0.000054	-0.000011
704	0.0523	0.7705	0.0677	0.000000	-0.000030	-0.000021
705	0.0535	0.8145	0.0701	0.000000	-0.000002	-0.000020
706	0.0481	0.7251	0.0172	0.000000	-0.000053	-0.000008
707	0.0509	0.7697	0.0196	0.000000	-0.000021	-0.000007
708	0.0516	0.8139	0.0225	0.000000	0.000003	-0.000019
709	0.0474	0.7245	-0.0331	0.000000	-0.000055	-0.000005
710	0.0500	0.7689	-0.0305	0.000000	-0.000011	-0.000013
711	0.0499	0.8133	-0.0273	0.000000	0.000013	-0.000016
712	0.0462	0.7236	-0.0856	0.000000	-0.000051	-0.000022
713	0.0482	0.7678	-0.0830	0.000000	-0.000002	-0.000022
714	0.0475	0.8125	-0.0797	0.000000	0.000016	-0.000032
715	0.0444	0.8111	-0.1352	0.000000	-0.000008	-0.000030
716	0.0363	0.8083	-0.1965	0.000000	-0.000068	-0.000135
717	0.0423	0.7226	-0.1407	0.000000	-0.000016	-0.000056
718	0.0433	0.7660	-0.1386	0.000000	-0.000013	-0.000077
719	0.0356	0.7641	-0.1979	0.000000	0.000038	-0.000071
720	0.0376	0.7219	-0.1978	0.000000	0.000009	-0.000036
721	0.0521	0.8349	0.0890	0.000559	0.000000	0.000006
722	0.0501	0.7905	0.0901	0.000587	0.000000	0.000008
723	0.0482	0.7445	0.0914	0.000600	0.000000	-0.000003
724	0.0371	0.7403	-0.1594	0.000000	-0.000010	-0.000037
725	0.0376	0.7845	-0.1584	0.000000	-0.000003	-0.000072
726	0.0413	0.8290	-0.1570	0.000000	-0.000093	-0.000076
727	0.0404	0.7407	-0.1055	0.000000	-0.000029	-0.000035

RELAZIONE DI CALCOLO -

728	0.0432	0.7854	-0.1038	0.000000	-0.000044	-0.000042
729	0.0455	0.8303	-0.1011	0.000000	-0.000012	-0.000019
730	0.0433	0.7414	-0.0532	0.000000	-0.000041	-0.000026
731	0.0461	0.7866	-0.0514	0.000000	-0.000029	-0.000022
732	0.0477	0.8314	-0.0489	0.000000	-0.000015	-0.000027
733	0.0497	0.8323	0.0004	0.000000	-0.000016	-0.000016
734	0.0510	0.8332	0.0475	0.000000	-0.000025	-0.000011
735	0.0455	0.7422	-0.0026	0.000000	-0.000038	-0.000020
736	0.0480	0.7878	-0.0014	0.000000	-0.000027	-0.000018
737	0.0490	0.7889	0.0470	0.000000	-0.000027	-0.000004
738	0.0470	0.7430	0.0468	0.000000	-0.000025	-0.000009
739	0.0477	0.7450	0.0362	0.000000	-0.000034	-0.000008
740	0.0499	0.7904	0.0343	0.000000	-0.000022	-0.000005
741	0.0514	0.8352	0.0316	0.000000	-0.000018	-0.000007
742	0.0465	0.7454	-0.0132	0.000000	-0.000043	-0.000016
743	0.0491	0.7910	-0.0151	0.000000	-0.000022	-0.000013
744	0.0502	0.8357	-0.0175	0.000000	-0.000007	-0.000019
745	0.0449	0.7460	-0.0610	0.000000	-0.000045	-0.000018
746	0.0474	0.7918	-0.0623	0.000000	-0.000020	-0.000021
747	0.0483	0.8364	-0.0641	0.000000	-0.000002	-0.000021
748	0.0461	0.8373	-0.1088	0.000000	-0.000001	-0.000024
749	0.0439	0.8386	-0.1523	0.000000	0.000000	-0.000022
750	0.0431	0.7464	-0.1080	0.000000	-0.000043	-0.000021
751	0.0454	0.7927	-0.1082	0.000000	-0.000017	-0.000023
752	0.0432	0.7932	-0.1544	0.000000	-0.000019	-0.000024
753	0.0410	0.7462	-0.1557	0.000000	-0.000040	-0.000024
754	0.0330	0.7626	-0.2015	0.000000	-0.000008	-0.000009
755	0.0348	0.8096	-0.2000	0.000000	-0.000039	-0.000021
756	0.0388	0.8550	-0.1979	0.000000	-0.000062	-0.000034
757	0.0349	0.7626	-0.1552	0.000000	-0.000017	-0.000030
758	0.0377	0.8092	-0.1552	0.000000	-0.000052	-0.000034
759	0.0417	0.8544	-0.1553	0.000000	-0.000049	-0.000024
760	0.0386	0.7622	-0.1096	0.000000	-0.000026	-0.000041
761	0.0413	0.8086	-0.1107	0.000000	-0.000043	-0.000039
762	0.0444	0.8538	-0.1122	0.000000	-0.000037	-0.000031
763	0.0429	0.7617	-0.0633	0.000000	-0.000033	-0.000045
764	0.0455	0.8079	-0.0652	0.000000	-0.000033	-0.000044
765	0.0476	0.8532	-0.0674	0.000000	-0.000022	-0.000034
766	0.0472	0.7613	-0.0156	0.000000	-0.000043	-0.000038
767	0.0497	0.8072	-0.0178	0.000000	-0.000023	-0.000041
768	0.0509	0.8527	-0.0206	0.000000	-0.000007	-0.000030
769	0.0536	0.8522	0.0286	0.000000	-0.000003	-0.000024
770	0.0561	0.8514	0.0807	0.000000	0.000000	-0.000026
771	0.0506	0.7607	0.0342	0.000000	-0.000047	-0.000030
772	0.0529	0.8065	0.0317	0.000000	-0.000015	-0.000022
773	0.0545	0.8055	0.0840	0.000000	-0.000042	-0.000011
774	0.0514	0.7600	0.0865	0.000000	-0.000034	0.000014
775	0.0325	0.6896	-0.2530	0.000674	0.000000	-0.000022
776	0.0332	0.6881	-0.2585	0.000560	0.000000	-0.000017
777	0.0371	0.7126	-0.2610	0.000027	0.000000	0.000040
778	0.0399	0.7243	-0.2606	0.000255	0.000000	0.000122
779	0.0406	0.8028	-0.2587	0.001517	0.000000	0.000145
780	0.0409	0.7964	-0.2566	0.001951	0.000000	-0.000007
781	0.0402	0.8035	-0.2542	0.001526	0.000000	-0.000172
782	0.0383	0.7277	-0.2516	0.000201	0.000000	-0.000171
783	0.0358	0.7180	-0.2499	0.000038	0.000000	-0.000019
784	0.0330	0.6905	-0.2492	0.000613	0.000000	-0.000004
785	0.0358	0.7197	-0.2534	0.000201	0.000000	-0.000020
786	0.0378	0.7348	-0.2540	0.000199	0.000000	-0.000037
787	0.0393	0.7718	-0.2543	0.000737	0.000000	-0.000017
788	0.0381	0.7339	-0.2528	0.000240	0.000000	-0.000066
789	0.0357	0.7191	-0.2517	0.000130	0.000000	-0.000030
790	0.0399	0.7344	-0.2599	0.000231	0.000000	0.000163
791	0.0398	0.7516	-0.2599	0.000303	0.000000	0.000273
792	0.0366	0.7204	-0.2579	0.000421	0.000000	0.000069
793	0.0367	0.7165	-0.2593	0.000198	0.000000	0.000072
794	0.0391	0.7727	-0.2555	0.000689	0.000000	-0.000063
795	0.0378	0.7374	-0.2557	0.000230	0.000000	-0.000028
796	0.0359	0.7207	-0.2558	0.000216	0.000000	-0.000009
797	0.0395	0.7765	-0.2535	0.000903	0.000000	-0.000056
798	0.0337	0.6998	-0.2500	0.000478	0.000000	-0.000014
799	0.0341	0.7065	-0.2502	0.000366	0.000000	-0.000005

800	0.0414	0.7791	-0.2621	0.000485	0.000000	0.000313
801	0.0407	0.7742	-0.2602	0.000887	0.000000	-0.000047
802	0.0343	0.6994	-0.2592	0.000366	0.000000	-0.000030
803	0.0345	0.7918	-0.2253	0.000740	0.000000	-0.000061
804	0.0359	0.8417	-0.2253	0.000370	0.000000	-0.000010
805	0.0385	0.8741	-0.2250	0.000370	0.000000	0.000002
806	0.0383	0.8740	-0.2267	0.000440	0.000000	-0.000017
807	0.0392	0.8759	-0.2309	0.000410	0.000000	-0.000035
808	0.0385	0.8362	-0.2358	0.000493	0.000000	0.000045
809	0.0361	0.7831	-0.2388	0.000689	0.000000	0.000076
810	0.0379	0.8287	-0.2381	0.000556	0.000000	0.000059
811	0.0374	0.8191	-0.2420	0.000587	0.000000	0.000094
812	0.0395	0.8748	-0.2346	0.000470	0.000000	0.000007
813	0.0387	0.8526	-0.2365	0.000502	0.000000	0.000024
814	0.0394	0.8757	-0.2329	0.000432	0.000000	-0.000022
815	0.0369	0.8581	-0.2213	0.000328	0.000000	-0.000021
816	0.0346	0.8254	-0.2223	0.000515	0.000000	-0.000038
817	0.0332	0.7749	-0.2232	0.000782	0.000000	-0.000049
818	0.0356	0.8375	-0.2240	0.000455	0.000000	-0.000018
819	0.0352	0.8319	-0.2230	0.000485	0.000000	-0.000029
820	0.0383	0.8710	-0.2231	0.000345	0.000000	-0.000025
821	0.0368	0.8557	-0.2236	0.000338	0.000000	-0.000004
822	0.0351	0.7688	-0.2449	0.000656	0.000000	0.000068
823	0.0358	0.7761	-0.2409	0.000676	0.000000	0.000068
824	0.0387	0.8500	-0.2394	0.000551	0.000000	0.000079
825	0.0395	0.8747	-0.2369	0.000540	0.000000	0.000004
826	0.0387	0.8551	-0.2349	0.000473	0.000000	0.000013
827	0.0398	0.8881	-0.2316	0.000433	0.000000	-0.000022
828	0.0328	0.7703	-0.2243	0.000789	0.000000	-0.000058
829	0.0343	0.8221	-0.2216	0.000543	0.000000	-0.000039
830	0.0367	0.8564	-0.2192	0.000344	0.000000	-0.000018
831	0.0343	0.7857	-0.2242	0.000753	0.000000	-0.000024
832	0.0337	0.7808	-0.2232	0.000765	0.000000	-0.000027
833	0.0362	0.8498	-0.2227	0.000389	0.000000	-0.000035
834	0.0630	0.9005	0.2353	0.000404	0.000000	0.000002
835	0.0627	0.9271	0.2333	0.000186	0.000000	0.000029
836	0.0619	0.9341	0.2319	-0.000027	0.000000	0.000021
837	0.0640	0.9141	0.2355	0.000190	0.000000	-0.000171
838	0.0635	0.9248	0.2353	0.000186	0.000000	-0.000086
839	0.0649	0.8924	0.2391	0.000312	0.000000	-0.000118
840	0.0617	0.9295	0.2274	0.000044	0.000000	0.000084
841	0.0623	0.9200	0.2292	0.000169	0.000000	0.000130
842	0.0624	0.8977	0.2319	0.000336	0.000000	0.000062
843	0.0626	0.9247	0.2331	0.000041	0.000000	-0.000118
844	0.0623	0.9323	0.2338	-0.000022	0.000000	-0.000063
845	0.0639	0.8986	0.2373	0.000392	0.000000	-0.000050
846	0.0639	0.8695	0.2441	0.000326	0.000000	-0.000044
847	0.0594	0.9026	0.2185	0.000000	0.000003	-0.000039
848	0.0580	0.9033	0.2018	0.000000	0.000013	-0.000011
849	0.0572	0.9043	0.1829	0.000000	0.000009	-0.000016
850	0.0585	0.8834	0.1829	0.000000	0.000017	-0.000021
851	0.0598	0.8831	0.2036	0.000000	0.000023	-0.000024
852	0.0611	0.8829	0.2229	0.000000	0.000035	-0.000022
853	0.0593	0.8710	0.1870	0.000000	0.000007	-0.000027
854	0.0592	0.9150	0.2145	0.000000	-0.000003	-0.000028
855	0.0578	0.9142	0.1982	0.000000	-0.000009	-0.000015
856	0.0569	0.9135	0.1821	0.000000	0.000002	-0.000017
857	0.0605	0.8708	0.2037	0.000000	0.000015	-0.000028
858	0.0592	0.9115	0.1681	0.000000	0.000025	-0.000040
859	0.0617	0.9120	0.1857	0.000000	0.000026	-0.000040
860	0.0641	0.9113	0.2043	0.000000	-0.000008	-0.000024
861	0.0624	0.8930	0.2042	0.000000	-0.000012	-0.000008
862	0.0623	0.8928	0.1818	0.000000	-0.000013	-0.000006
863	0.0604	0.8925	0.1604	0.000000	-0.000002	-0.000046
864	0.0614	0.8811	0.1998	0.000000	-0.000068	0.000062
865	0.0623	0.9223	0.2086	0.000000	0.000047	-0.000013
866	0.0615	0.8811	0.1743	0.000000	-0.000011	-0.000050
867	0.0596	0.8805	0.1544	0.000000	-0.000020	-0.000020
868	0.0625	0.9151	0.2862	0.001873	0.000000	0.000085
869	0.0551	0.9246	0.1133	0.000000	-0.000002	-0.000006
870	0.0558	0.9037	0.1172	0.000000	0.000019	-0.000004
871	0.0560	0.9079	0.1187	0.000000	0.000021	-0.000010

872	0.0481	0.8900	-0.0326	0.000000	-0.000001	-0.000020
873	0.0444	0.8899	-0.1366	0.000000	-0.000003	-0.000015
874	0.0428	0.8934	-0.1953	0.000000	-0.000016	-0.000021
875	0.0502	0.8902	0.0151	0.000000	0.000002	-0.000022
876	0.0521	0.8915	0.0584	0.000000	0.000004	-0.000023
877	0.0552	0.9032	0.1307	0.000000	0.000004	-0.000017
878	0.0540	0.8932	0.0991	0.000000	0.000005	-0.000022
879	0.0560	0.8823	0.1367	0.000000	0.000008	-0.000022
880	0.0462	0.8899	-0.0828	0.000000	-0.000003	-0.000021
881	0.0529	0.9088	0.0514	0.000000	0.000009	-0.000028
882	0.0530	0.9240	0.0646	0.000000	0.000012	-0.000025
883	0.0446	0.8994	-0.1485	0.000000	-0.000013	-0.000021
884	0.0451	0.9163	-0.1472	0.000000	0.000002	-0.000004
885	0.0450	0.9306	-0.1474	0.000000	-0.000003	-0.000029
886	0.0464	0.8985	-0.1101	0.000000	-0.000003	-0.000019
887	0.0466	0.9153	-0.1109	0.000000	-0.000004	-0.000024
888	0.0466	0.9296	-0.1119	0.000000	0.000004	-0.000007
889	0.0483	0.8974	-0.0679	0.000000	-0.000002	-0.000023
890	0.0484	0.9138	-0.0694	0.000000	0.000001	-0.000017
891	0.0482	0.9283	-0.0709	0.000000	0.000004	-0.000022
892	0.0501	0.9264	-0.0255	0.000000	0.000004	-0.000017
893	0.0523	0.9212	0.0237	0.000000	0.000010	-0.000022
894	0.0502	0.8956	-0.0276	0.000000	0.000000	-0.000023
895	0.0503	0.9099	-0.0245	0.000000	0.000003	-0.000022
896	0.0526	0.9028	0.0234	0.000000	0.000008	-0.000026
897	0.0519	0.8927	0.0076	0.000000	-0.000001	-0.000026
898	0.0411	0.9492	-0.1933	0.000000	-0.000020	-0.000031
899	0.0403	0.9364	-0.1931	0.000000	-0.000001	-0.000041
900	0.0415	0.9193	-0.1942	0.000000	0.000026	-0.000043
901	0.0439	0.9474	-0.1639	0.000000	-0.000006	-0.000038
902	0.0443	0.9341	-0.1609	0.000000	0.000010	-0.000040
903	0.0450	0.9174	-0.1581	0.000000	0.000004	-0.000028
904	0.0466	0.9460	-0.1290	0.000000	0.000008	-0.000021
905	0.0472	0.9323	-0.1240	0.000000	0.000005	-0.000020
906	0.0474	0.9159	-0.1190	0.000000	-0.000006	-0.000021
907	0.0484	0.9452	-0.0902	0.000000	0.000009	-0.000015
908	0.0490	0.9312	-0.0837	0.000000	0.000004	-0.000016
909	0.0492	0.9151	-0.0771	0.000000	-0.000005	-0.000018
910	0.0501	0.9449	-0.0484	0.000000	0.000007	-0.000016
911	0.0506	0.9308	-0.0407	0.000000	0.000004	-0.000017
912	0.0509	0.9148	-0.0326	0.000000	0.000000	-0.000019
913	0.0515	0.9452	-0.0101	0.000000	0.000006	-0.000017
914	0.0521	0.9326	0.0013	0.000000	0.000006	-0.000018
915	0.0529	0.9178	0.0164	0.000000	0.000004	-0.000021
916	0.0547	0.9263	0.0680	0.000000	0.000014	-0.000015
917	0.0536	0.9402	0.0441	0.000000	0.000007	-0.000017
918	0.0526	0.9476	0.0219	0.000000	0.000006	-0.000017
919	0.0410	0.9270	-0.2243	0.000520	0.000000	-0.000016
920	0.0415	0.9583	-0.2239	0.000345	0.000000	0.000003
921	0.0416	0.9734	-0.2236	0.000071	0.000000	0.000010
922	0.0414	0.9689	-0.2233	-0.000192	0.000000	0.000000
923	0.0407	0.9637	-0.2181	-0.000163	0.000000	-0.000054
924	0.0405	0.9667	-0.2182	0.000079	0.000000	-0.000081
925	0.0403	0.9513	-0.2186	0.000344	0.000000	-0.000071
926	0.0400	0.9203	-0.2193	0.000510	0.000000	-0.000044
927	0.0401	0.9446	-0.2127	0.000228	0.000000	-0.000138
928	0.0401	0.9495	-0.2160	0.000283	0.000000	-0.000107
929	0.0399	0.9187	-0.2164	0.000464	0.000000	-0.000069
930	0.0400	0.9168	-0.2136	0.000404	0.000000	-0.000097
931	0.0416	0.9299	-0.2262	0.000490	0.000000	0.000011
932	0.0421	0.9309	-0.2276	0.000433	0.000000	0.000033
933	0.0425	0.9276	-0.2279	0.000315	0.000000	0.000110
934	0.0428	0.9489	-0.2236	0.000176	0.000000	0.000174
935	0.0421	0.9587	-0.2214	0.000012	0.000000	0.000116
936	0.0422	0.9611	-0.2251	0.000281	0.000000	0.000041
937	0.0427	0.9592	-0.2252	0.000204	0.000000	0.000112
938	0.0421	0.9667	-0.2237	-0.000058	0.000000	0.000081
939	0.0420	0.9720	-0.2243	0.000009	0.000000	0.000054
940	0.0415	0.9671	-0.2237	-0.000174	0.000000	0.000031
941	0.0410	0.9676	-0.2213	-0.000193	0.000000	-0.000029
942	0.0410	0.9722	-0.2214	0.000070	0.000000	-0.000034
943	0.0408	0.9566	-0.2216	0.000359	0.000000	-0.000039

944	0.0403	0.9243	-0.2219	0.000531	0.000000	-0.000039
945	0.0405	0.9559	-0.2137	-0.000087	0.000000	-0.000116
946	0.0403	0.9597	-0.2151	0.000060	0.000000	-0.000117
947	0.0402	0.9520	-0.2120	0.000078	0.000000	-0.000143
948	0.0402	0.9379	-0.2036	0.000068	0.000000	-0.000096
949	0.0398	0.9270	-0.2050	0.000183	0.000000	-0.000167
950	0.0402	0.9059	-0.2065	0.000280	0.000000	-0.000135

4.1.8.2 Sollecitazioni

Tabella 18.I

Asta	Imp.	Fili	X [cm]	Sollecitazioni					
				N [daN]	Mt [daNm]	Mxz [daNm]	Txz [daN]	Mxy [daNm]	Txy [daN]
1	Fond.	1, 2	0	2148.20	406.35	248.19	371.72	2572.16	3081.84
			20	2173.49	406.35	275.06	-0.67	1988.20	2758.35
			40	2198.94	406.36	227.87	-368.26	1468.59	2438.54
2	Fond.	1, 2	0	2935.83	365.14	227.64	1719.00	1503.38	2755.16
			28	2971.13	365.15	617.55	1221.16	805.31	2323.55
			55	3006.82	365.17	871.54	731.51	224.42	1903.13
3	Fond.	1, 2	0	3010.99	365.17	871.54	773.07	224.42	1974.02
			28	3047.10	365.18	1003.16	290.58	-262.00	1565.72
			55	3083.61	365.19	1002.78	-186.06	-637.82	1169.50
4	Fond.	1, 2	0	2507.86	332.09	1002.55	187.24	-632.30	1145.40
			46	2569.32	332.12	884.46	-595.13	-1009.59	511.70
			91	2631.73	332.15	410.34	-1371.30	-1103.32	-97.84
5	Fond.	1, 2	0	1969.72	184.85	410.28	568.44	-1099.99	353.27
			46	2032.99	184.87	467.74	-205.89	-1125.25	-240.80
			91	2097.02	184.90	171.13	-981.43	-881.01	-828.56
6	Fond.	1, 2	0	612.89	31.36	171.26	714.48	-802.76	-376.02
			46	677.42	31.39	294.03	-64.51	-496.62	-965.64
			91	742.21	31.42	59.86	-848.64	80.31	-1562.59
7	Fond.	9, 1	0	1650.84	-437.92	201.01	-462.89	-2214.14	-1914.37
			38	1025.63	-437.91	192.96	-893.41	-1476.98	-1931.67
			77	400.70	-437.90	10.03	-1374.87	-732.71	-1952.68
8	Fond.	9, 1	0	2475.98	-415.16	12.22	60.36	-625.73	-1835.21
			38	1851.43	-415.15	184.91	-472.52	83.18	-1865.20
			77	1227.36	-415.14	143.22	-1057.25	805.59	-1905.59
9	Fond.	9, 1	0	3028.03	-312.63	145.51	385.44	919.71	-2003.59
			38	2404.52	-312.63	422.43	-251.87	1696.86	-2052.11
			77	1781.64	-312.62	444.55	-942.92	2493.25	-2102.54
10	Fond.	2, 5	0	-256.38	41.06	77.80	913.02	137.32	-25.91
			43	314.48	41.06	90.32	217.55	135.80	31.57
			87	885.43	41.06	-176.30	-375.21	111.05	81.43
11	Fond.	2, 5	0	-1947.67	114.75	-180.06	1021.23	116.79	-8.99
			43	-1376.89	114.75	-76.10	531.28	111.11	34.13
			87	-806.57	114.75	-161.88	144.70	88.06	71.32
12	Fond.	2, 5	0	-3261.93	186.84	-165.68	1420.41	86.06	14.18
			43	-2692.29	186.84	156.58	1137.72	72.81	46.13
			87	-2123.56	186.84	379.23	958.82	46.75	73.41
13	Fond.	3, 4	0	572.17	-61.29	-8.07	1014.21	378.52	1657.23
			45	641.38	-61.26	236.16	196.42	-239.17	1087.82
			90	710.82	-61.23	114.80	-610.47	-600.23	516.38
14	Fond.	3, 4	0	1473.49	-221.25	114.46	1066.48	-688.64	962.99
			45	1543.33	-221.22	386.69	269.22	-992.49	386.06
			90	1613.72	-221.19	301.80	-520.13	-1034.32	-202.88
15	Fond.	3, 4	0	1713.13	-399.93	301.59	1553.59	-1055.24	277.20
			45	1784.12	-399.91	795.78	769.80	-1043.88	-331.76
			90	1855.77	-399.88	937.65	-12.00	-752.44	-969.00
16	Fond.	3, 4	0	2084.35	-459.26	937.71	361.27	-773.85	-932.65
			28	2128.48	-459.24	953.60	-117.78	-461.81	-1339.13
			55	2172.89	-459.22	837.31	-599.40	-36.03	-1759.95
17	Fond.	3, 4	0	2159.81	-459.22	837.31	-558.06	-36.03	-1686.70
			28	2204.51	-459.21	599.34	-1043.50	487.35	-2122.32
			55	2249.52	-459.19	227.12	-1533.76	1132.54	-2572.34
18	Fond.	3, 4	0	1624.81	-495.12	227.27	480.67	1107.72	-2243.43
			22	1661.01	-495.11	275.06	84.57	1641.77	-2612.89
			44	1697.35	-495.10	235.25	-315.20	2257.90	-2989.41
19	Fond.	8, 3	0	-1765.83	-0.95	515.26	-1025.03	-335.76	-264.66
			43	-2316.96	-0.95	262.17	-1175.43	-221.93	-259.87

RELAZIONE DI CALCOLO -

			87	-2868.87	-0.95	-81.33	-1442.73	-109.15	-260.10
20	Fond.	8, 3	0	-464.34	2.43	-77.04	-170.21	-85.23	-240.04
			43	-1016.82	2.43	-8.97	-555.05	20.25	-246.42
			87	-1569.63	2.43	-133.54	-1057.30	129.89	-259.21
21	Fond.	8, 3	0	1075.65	38.94	-129.27	327.58	150.97	-294.47
			43	522.75	38.94	104.33	-291.84	282.81	-313.12
			87	-29.97	38.94	43.19	-1028.49	423.78	-336.12
22	Fond.	4, 12	0	1953.89	294.60	526.40	831.88	2191.63	1644.91
			38	2615.43	294.61	450.04	161.34	1549.79	1701.89
			77	3277.66	294.61	127.44	-451.73	887.76	1751.48
23	Fond.	4, 12	0	2018.12	405.42	124.99	1043.94	786.25	1617.77
			38	2681.04	405.42	151.27	487.18	156.91	1665.78
			77	3344.67	405.43	-25.48	-13.91	-490.95	1714.56
24	Fond.	4, 12	0	1974.88	464.53	-27.84	1394.00	-592.33	1767.42
			38	2639.20	464.54	153.37	948.28	-1279.22	1816.10
			77	3304.22	464.55	174.01	557.60	-1984.11	1860.23
25	Fond.	5, 6	0	-1236.27	-315.15	1883.59	-399.18	753.93	2144.33
			188	-1328.42	-315.04	454.81	-1291.16	-938.09	-365.50
			376	-1428.98	-314.95	-3498.53	-3108.52	2339.78	-3198.05
26	Fond.	9, 5	0	-1907.54	330.60	-860.19	2092.37	3122.67	3660.14
			213	-1569.89	330.70	1538.70	505.16	-1173.50	494.88
			425	-1244.92	330.82	1651.68	-213.61	702.68	-2253.77
27	Fond.	6, 7	0	-2715.92	46.92	-2793.41	1477.15	694.97	913.94
			90	-2651.79	46.96	-1974.80	394.95	533.36	-560.04
			180	-2591.51	46.99	-2124.02	-659.99	1707.54	-2047.97
28	Fond.	6, 10	0	2056.78	-612.68	638.82	-474.50	1555.33	1301.47
			36	2643.38	-612.68	157.32	-878.73	1079.10	1325.16
			73	3230.60	-612.67	-462.71	-1237.55	594.88	1346.28
29	Fond.	6, 10	0	1335.43	-490.97	-464.75	1197.28	512.37	1125.11
			36	1923.19	-490.97	-324.18	884.25	100.60	1147.03
			73	2511.40	-490.97	-288.79	618.15	-319.48	1171.07
30	Fond.	7, 8	0	-2037.10	381.96	-2658.46	2733.01	2948.22	3574.84
			198	-1669.55	382.06	713.22	1006.34	-1096.26	625.39
			395	-1313.66	382.18	1696.09	261.97	165.36	-1878.92
31	Fond.	7, 11	0	3553.76	473.42	534.62	-17.71	-1181.69	-702.05
			36	4149.65	473.42	218.88	-400.14	-931.84	-675.52
			73	4746.52	473.41	-227.29	-735.32	-692.33	-645.68
32	Fond.	7, 11	0	3057.55	409.90	-229.39	1270.24	-646.68	-539.46
			36	3655.33	409.90	-61.89	982.22	-456.58	-509.59
			73	4253.98	409.90	9.47	741.73	-276.95	-482.00
33	Fond.	8, 12	0	-1858.04	-388.94	1733.37	7.47	521.39	2124.68
			203	-1889.33	-388.82	1253.17	-567.88	-1149.57	-511.17
			405	-1934.48	-388.72	-1092.35	-1945.51	2976.66	-3690.65
34	Fond.	15, 9	0	-1789.54	315.94	-725.94	-842.05	-2139.32	-660.73
			50	-2599.00	315.94	-619.01	-43.01	-1805.78	-664.45
			100	-3409.62	315.94	-136.23	660.40	-1482.02	-624.90
35	Fond.	15, 9	0	-1837.57	236.95	-133.33	-1139.23	-1359.84	-597.49
			50	-2649.36	236.96	-221.32	-527.98	-1076.66	-532.10
			100	-3462.34	236.96	-25.88	-7.09	-829.81	-454.14
36	Fond.	15, 9	0	-1611.78	160.14	-23.08	-1119.05	-749.53	-431.61
			50	-2425.89	160.15	-145.04	-687.29	-553.90	-351.17
			100	-3241.08	160.15	-72.79	-343.76	-397.57	-275.39
37	Fond.	15, 9	0	-1202.90	121.87	-70.04	-938.27	-347.28	-294.00
			50	-2019.09	121.87	-144.73	-681.96	-217.30	-227.88
			100	-2836.18	121.88	-112.51	-511.86	-117.28	-174.53
38	Fond.	15, 9	0	-516.65	113.19	-109.83	-746.98	-85.08	-186.86
			50	-1334.49	113.19	-131.14	-661.98	-1.99	-148.02
			100	-2152.92	113.20	-130.76	-661.01	65.43	-124.21
39	Fond.	15, 9	0	513.77	137.63	-128.15	-579.16	89.65	-142.67
			50	-305.03	137.64	-107.01	-661.15	158.09	-133.50
			100	-1123.97	137.65	-147.35	-825.14	225.37	-137.69
40	Fond.	15, 9	0	1907.00	192.07	-144.80	-336.27	251.76	-137.30
			50	1088.24	192.08	-43.07	-581.27	323.86	-152.74
			100	269.96	192.09	-84.12	-906.57	405.87	-176.40
41	Fond.	15, 9	0	3532.80	306.58	-81.61	435.60	449.81	-268.15
			50	2715.37	306.59	365.43	30.28	590.78	-296.00
			100	1899.16	306.60	589.10	-456.46	745.61	-322.54
42	Fond.	10, 11	0	821.25	48.19	-444.48	715.64	-276.59	875.02
			45	852.55	48.21	-202.22	417.89	-506.14	145.43
			90	884.17	48.23	-92.52	127.27	-407.40	-584.68
43	Fond.	10, 11	0	484.75	-63.05	-92.80	35.22	-368.42	-94.57
			45	516.61	-63.03	-153.63	-247.37	-160.88	-828.77

RELAZIONE DI CALCOLO -

			90	548.66	-63.01	-339.75	-521.15	378.43	-1569.27
44	Fond.	10, 13	0	899.11	16.34	-164.55	1060.60	-75.82	-81.50
			47	1663.69	16.34	-39.02	786.44	-45.35	-47.46
			94	2428.93	16.34	-23.69	593.69	-31.53	-10.87
45	Fond.	10, 13	0	-17.93	49.53	-26.42	788.02	-18.45	-88.07
			47	747.79	49.52	8.67	676.89	13.95	-49.23
			94	1513.80	49.52	10.55	647.40	27.56	-8.17
46	Fond.	10, 13	0	-1008.61	58.90	7.81	569.33	32.60	-22.37
			47	-242.49	58.90	-21.79	621.42	33.00	21.11
			94	523.52	58.90	-7.61	755.17	12.31	67.29
47	Fond.	10, 13	0	-1976.47	73.23	-10.35	434.58	9.07	32.59
			47	-1210.74	73.23	-64.77	650.12	-17.72	81.68
			94	-445.49	73.23	1.79	947.76	-68.30	133.65
48	Fond.	10, 13	0	-2876.87	89.78	-0.97	262.44	-80.00	93.31
			47	-2112.28	89.79	-97.29	642.49	-136.67	147.77
			94	-1348.53	89.79	5.15	1105.40	-219.40	203.77
49	Fond.	10, 13	0	-3660.97	113.69	2.35	-327.03	-244.62	178.53
			47	-2898.21	113.69	-331.69	219.25	-341.89	234.44
			94	-2136.60	113.69	-388.22	850.26	-464.97	287.68
50	Fond.	11, 14	0	3377.11	56.37	142.24	842.11	162.61	-48.56
			47	4156.00	56.37	166.93	600.66	178.03	-17.90
			94	4936.54	56.36	95.98	438.41	180.24	7.83
51	Fond.	11, 14	0	2303.90	66.89	93.36	734.16	180.04	4.21
			47	3085.86	66.88	103.14	650.16	172.68	26.63
			94	3869.05	66.88	91.17	643.68	155.24	47.31
52	Fond.	11, 14	0	1090.13	92.96	88.59	587.23	155.48	11.02
			47	1874.30	92.95	64.72	657.60	145.50	31.45
			94	2659.21	92.95	91.66	804.29	125.70	52.96
53	Fond.	11, 14	0	-250.61	115.53	89.12	444.88	126.62	31.05
			47	534.79	115.53	33.59	667.39	106.50	54.88
			94	1320.39	115.53	100.50	965.33	74.41	82.07
54	Fond.	11, 14	0	-1748.14	131.96	97.99	239.75	74.50	57.30
			47	-962.62	131.96	-18.72	612.77	40.32	88.66
			94	-177.48	131.96	57.99	1060.68	-9.72	124.71
55	Fond.	11, 14	0	-3393.43	121.16	55.48	-327.53	-18.84	160.03
			47	-2609.00	121.16	-292.61	195.33	-103.62	200.89
			94	-1825.60	121.16	-376.31	794.16	-208.68	246.01
56	Fond.	12, 20	0	4471.76	-445.40	639.95	542.29	838.62	172.91
			50	5340.77	-445.39	452.32	113.76	740.81	215.57
			100	6212.16	-445.38	71.64	-226.72	625.08	245.96
57	Fond.	12, 20	0	3804.28	-277.64	68.95	950.37	585.09	97.24
			50	4677.91	-277.63	127.15	695.53	530.05	122.63
			100	5553.63	-277.62	78.30	525.30	462.28	149.11
58	Fond.	12, 20	0	2966.18	-175.42	75.66	821.79	435.35	101.26
			50	3843.81	-175.41	110.14	735.26	376.88	134.11
			100	4723.15	-175.41	121.42	731.60	299.45	177.75
59	Fond.	12, 20	0	1957.06	-107.73	118.84	613.55	273.58	113.64
			50	2837.89	-107.72	89.19	691.81	202.92	171.66
			100	3720.00	-107.72	118.47	851.15	99.09	246.68
60	Fond.	12, 20	0	759.46	-79.39	115.94	437.19	63.26	189.67
			50	1642.56	-79.39	37.61	676.80	-54.18	283.25
			100	2526.40	-79.38	98.74	996.11	-223.10	395.52
61	Fond.	12, 20	0	-575.79	-87.44	96.24	270.40	-281.40	327.78
			50	308.49	-87.44	-26.17	668.98	-476.98	457.17
			100	1192.90	-87.44	70.42	1146.65	-740.77	599.72
62	Fond.	12, 20	0	-1960.73	-142.45	67.93	-26.98	-836.85	562.88
			50	-1076.49	-142.45	-163.61	529.80	-1155.47	711.91
			100	-192.73	-142.45	-96.70	1166.29	-1548.11	856.91
63	Fond.	12, 20	0	-3137.47	-223.81	-99.25	-640.37	-1698.21	838.77
			50	-2254.46	-223.81	-596.92	77.25	-2150.33	964.99
			100	-1372.45	-223.81	-714.50	879.22	-2656.74	1052.06
64	Fond.	13, 14	0	-2684.77	-138.34	716.58	-1565.22	-9.38	671.17
			90	-2589.59	-138.30	-155.31	-294.08	44.86	-796.03
			180	-2498.17	-138.26	101.70	940.81	1431.30	-2287.85
65	Fond.	13, 21	0	-3468.58	-505.47	-529.42	-263.58	-626.03	2411.52
			45	-2741.70	-505.47	-788.05	421.27	-1721.60	2456.07
			90	-2015.82	-505.47	-719.39	1190.10	-2834.23	2485.10
66	Fond.	14, 22	0	-2930.42	215.65	-240.62	-536.45	1289.26	-1883.28
			45	-2182.57	215.65	-638.91	109.05	2126.25	-1835.18
			90	-1435.51	215.65	-729.80	829.07	2938.48	-1770.48
67	Fond.	15, 16	0	-828.90	680.58	335.00	-585.46	2113.90	2679.20
			48	-798.57	680.60	236.42	221.80	1018.92	1942.36

RELAZIONE DI CALCOLO -

			95	-768.56	680.63	521.69	1029.85	257.38	1276.82
68	Fond.	15, 16	0	-1479.56	486.10	521.75	-580.03	99.75	1808.88
			48	-1450.00	486.13	426.06	226.33	-616.56	1220.15
			95	-1421.03	486.16	712.61	1027.81	-1071.16	706.02
69	Fond.	15, 16	0	-2585.25	331.68	712.76	-2203.93	-1170.68	1243.53
			45	-2558.54	331.71	-120.23	-1452.43	-1632.44	818.07
			90	-2532.76	331.74	-616.74	-710.02	-1914.23	441.49
70	Fond.	15, 16	0	-2542.69	331.74	-616.74	-773.18	-1914.23	502.49
			45	-2517.83	331.77	-808.91	-37.59	-2062.46	160.94
			90	-2493.88	331.81	-670.46	695.52	-2061.99	-161.14
71	Fond.	15, 16	0	-2105.02	200.96	-670.49	104.57	-1977.72	-34.07
			39	-2085.13	200.99	-516.34	735.36	-1911.90	-307.19
			77	-2065.79	201.02	-117.64	1370.06	-1739.50	-587.48
72	Fond.	15, 16	0	-2087.70	-119.85	-117.87	-403.50	-1713.73	-142.58
			39	-2068.92	-119.82	-157.85	236.44	-1602.07	-439.08
			77	-2050.69	-119.78	50.68	882.26	-1371.42	-760.05
73	Fond.	15, 16	0	-2133.82	-385.86	50.42	-685.69	-1358.82	-386.75
			39	-2116.14	-385.83	-95.81	-33.69	-1142.46	-739.55
			77	-2099.04	-385.80	11.25	624.69	-782.66	-1130.40
74	Fond.	15, 16	0	-2215.89	-573.59	10.97	-680.17	-755.70	-795.58
			39	-2199.36	-573.57	-130.17	-15.19	-366.12	-1229.25
			77	-2183.41	-573.54	-12.92	656.73	199.73	-1708.55
75	Fond.	16, 21	0	-2261.34	-668.56	-13.19	-277.06	223.46	-1525.40
			30	-2249.36	-668.54	-22.20	249.82	740.99	-1929.52
			60	-2237.75	-668.52	127.66	781.13	1383.81	-2360.39
76	Fond.	16, 21	0	-2296.79	-707.65	127.42	57.49	1408.63	-2141.67
			30	-2285.54	-707.63	220.39	593.17	2118.82	-2596.81
			60	-2274.65	-707.62	474.83	1132.90	2968.71	-3072.16
77	Fond.	17, 20	0	-3765.36	533.51	-158.84	-558.75	126.13	1788.45
			40	-3697.81	533.53	-281.97	76.30	-486.49	1283.49
			80	-3631.32	533.56	-152.62	701.78	-907.41	829.48
78	Fond.	17, 20	0	-4360.51	345.41	-152.27	-572.32	-948.57	1167.77
			40	-4295.16	345.44	-283.66	44.60	-1332.78	760.80
			80	-4231.03	345.47	-169.33	653.99	-1562.61	394.61
79	Fond.	17, 20	0	-4732.24	88.06	-169.06	-884.23	-1584.28	752.22
			40	-4669.40	88.08	-427.08	-281.29	-1817.53	418.82
			80	-4607.89	88.11	-444.47	316.60	-1922.44	108.86
80	Fond.	17, 20	0	-4944.96	-219.88	-444.34	-1222.41	-1953.92	553.96
			40	-4884.82	-219.85	-838.32	-627.60	-2115.87	257.10
			80	-4826.08	-219.82	-994.00	-33.01	-2159.85	-37.84
81	Fond.	17, 20	0	-5724.64	-326.00	-994.08	-219.64	-2249.50	31.89
			45	-5660.37	-325.97	-967.39	453.94	-2187.20	-312.36
			90	-5598.14	-325.94	-634.59	1138.26	-1963.94	-686.40
82	Fond.	17, 20	0	-5595.36	-325.94	-634.59	1079.12	-1963.94	-618.91
			45	-5535.16	-325.91	-16.29	1779.07	-1592.95	-1038.97
			90	-5476.97	-325.88	921.75	2496.64	-1019.92	-1518.95
83	Fond.	17, 20	0	-3524.09	-461.64	921.47	-1175.18	-922.59	-973.11
			45	-3468.14	-461.62	536.85	-450.53	-371.32	-1516.67
			89	-3413.42	-461.59	477.78	285.16	438.12	-2133.87
84	Fond.	17, 20	0	-1860.02	-646.45	477.49	-926.67	601.18	-1599.12
			45	-1806.24	-646.43	208.83	-182.80	1463.75	-2289.58
			89	-1753.09	-646.41	272.91	567.36	2648.63	-3045.78
85	Fond.	22, 17	0	-2227.94	691.11	246.50	-926.17	3029.98	3178.55
			30	-2175.41	691.12	23.21	-423.63	2150.23	2689.76
			60	-2123.22	691.14	-50.16	72.36	1413.97	2222.74
86	Fond.	22, 17	0	-3010.75	633.87	-49.80	-602.20	1380.57	2465.46
			30	-2958.97	633.89	-177.55	-112.72	707.81	2024.30
			60	-2907.67	633.91	-159.22	370.47	163.20	1611.43
87	Piano 1	2, 18	0	0.00	123.56	691.65	-396.55	0.00	0.00
			188	0.00	123.56	-51.87	-396.55	0.00	0.00
			375	0.00	123.56	-795.40	-396.55	0.00	0.00
88	Piano 1	19, 3	0	0.00	-118.04	-738.92	359.85	0.00	0.00
			187	0.00	-118.04	-65.99	359.85	0.00	0.00
			374	0.00	-118.04	606.93	359.85	0.00	0.00
89	Piano 1	5, 6	0	0.00	-42.94	387.79	-199.80	0.00	0.00
			188	0.00	-42.94	11.96	-199.80	0.00	0.00
			376	0.00	-42.94	-363.87	-199.80	0.00	0.00
90	Piano 1	9, 5	0	0.00	3.26	-140.08	104.77	0.00	0.00
			213	0.00	3.26	82.59	104.77	0.00	0.00
			425	0.00	3.26	305.26	104.77	0.00	0.00
91	Piano 1	6, 7	0	0.00	21.64	-389.75	121.64	0.00	0.00
			90	0.00	21.64	-280.28	121.64	0.00	0.00

RELAZIONE DI CALCOLO -

			180	0.00	21.64	-170.80	121.64	0.00	0.00
92	Piano 1	6, 18	0	0.00	-114.80	-88.52	-3.45	0.00	0.00
			115	0.00	-114.80	-92.49	-3.45	0.00	0.00
			230	0.00	-114.80	-96.46	-3.45	0.00	0.00
93	Piano 1	7, 8	0	0.00	38.87	-175.88	115.80	0.00	0.00
			198	0.00	38.87	52.91	115.80	0.00	0.00
			395	0.00	38.87	281.69	115.80	0.00	0.00
94	Piano 1	7, 19	0	0.00	68.11	-25.40	-52.06	0.00	0.00
			115	0.00	68.11	-85.27	-52.06	0.00	0.00
			230	0.00	68.11	-145.14	-52.06	0.00	0.00
95	Piano 1	8, 12	0	0.00	2.94	326.90	-135.41	0.00	0.00
			203	0.00	2.94	52.62	-135.41	0.00	0.00
			405	0.00	2.94	-221.67	-135.41	0.00	0.00
96	Piano 1	18, 19	0	0.00	27.10	-680.61	5.44	0.00	0.00
			90	0.00	27.10	-675.71	5.44	0.00	0.00
			180	0.00	27.10	-670.81	5.44	0.00	0.00
97	Piano 2	2, 18	0	0.00	207.18	614.33	-340.74	0.00	0.00
			188	0.00	207.18	-24.57	-340.74	0.00	0.00
			375	0.00	207.18	-663.46	-340.74	0.00	0.00
98	Piano 2	19, 3	0	0.00	45.17	-732.17	345.83	0.00	0.00
			187	0.00	45.17	-85.46	345.83	0.00	0.00
			374	0.00	45.17	561.24	345.83	0.00	0.00
99	Piano 2	5, 6	0	0.00	27.54	-57.65	61.20	0.00	0.00
			188	0.00	27.54	57.46	61.20	0.00	0.00
			376	0.00	27.54	172.57	61.20	0.00	0.00
100	Piano 2	9, 5	0	0.00	12.54	9.23	-14.57	0.00	0.00
			213	0.00	12.54	-21.74	-14.57	0.00	0.00
			425	0.00	12.54	-52.71	-14.57	0.00	0.00
101	Piano 2	6, 7	0	0.00	5.37	85.48	-197.60	0.00	0.00
			90	0.00	5.37	-92.36	-197.60	0.00	0.00
			180	0.00	5.37	-270.19	-197.60	0.00	0.00
102	Piano 2	6, 18	0	0.00	-130.59	40.60	-90.18	0.00	0.00
			115	0.00	-130.59	-63.11	-90.18	0.00	0.00
			230	0.00	-130.59	-166.82	-90.18	0.00	0.00
103	Piano 2	7, 8	0	0.00	27.78	-307.53	141.48	0.00	0.00
			198	0.00	27.78	-28.01	141.48	0.00	0.00
			395	0.00	27.78	251.51	141.48	0.00	0.00
104	Piano 2	7, 19	0	0.00	96.86	-38.33	18.75	0.00	0.00
			115	0.00	96.86	-16.76	18.75	0.00	0.00
			230	0.00	96.86	4.80	18.75	0.00	0.00
105	Piano 2	8, 12	0	0.00	-4.19	223.16	-82.10	0.00	0.00
			203	0.00	-4.19	56.85	-82.10	0.00	0.00
			405	0.00	-4.19	-109.45	-82.10	0.00	0.00
106	Piano 2	13, 16	0	0.00	-557.70	733.47	-770.19	0.00	0.00
			75	0.00	-557.70	155.83	-770.19	0.00	0.00
			150	0.00	-557.70	-421.82	-770.19	0.00	0.00
107	Piano 2	17, 14	0	0.00	26.77	-20.42	34.96	0.00	0.00
			75	0.00	26.77	5.80	34.96	0.00	0.00
			150	0.00	26.77	32.01	34.96	0.00	0.00
108	Piano 2	18, 19	0	0.00	40.37	-532.87	-56.91	0.00	0.00
			90	0.00	40.37	-584.09	-56.91	0.00	0.00
			180	0.00	40.37	-635.31	-56.91	0.00	0.00
109	Piano 3	5, 6	0	0.00	-1.19	-31.36	14.04	0.00	0.00
			188	0.00	-1.19	-4.95	14.04	0.00	0.00
			376	0.00	-1.19	21.47	14.04	0.00	0.00
110	Piano 3	9, 5	0	0.00	-3.01	-23.17	5.44	0.00	0.00
			213	0.00	-3.01	-11.60	5.44	0.00	0.00
			425	0.00	-3.01	-0.03	5.44	0.00	0.00
111	Piano 3	8, 7	0	0.00	-5.14	88.99	-55.46	0.00	0.00
			198	0.00	-5.14	-20.57	-55.46	0.00	0.00
			395	0.00	-5.14	-130.14	-55.46	0.00	0.00
112	Piano 3	8, 12	0	0.00	-13.25	101.06	-35.83	0.00	0.00
			203	0.00	-13.25	28.49	-35.83	0.00	0.00
			405	0.00	-13.25	-44.08	-35.83	0.00	0.00
113	Piano 3	13, 16	0	9496.64	-623.35	518.73	-779.39	822.72	1326.13
			78	9496.64	-623.35	-86.24	-779.39	-206.63	1326.13
			155	9496.64	-623.35	-691.22	-779.39	-1235.98	1326.13
114	Piano 3	14, 17	0	-4835.56	-84.16	-112.29	118.06	-0.06	-18.52
			76	-4835.56	-84.16	-22.96	118.06	13.95	-18.52
			151	-4835.56	-84.16	66.37	118.06	27.96	-18.52

4.2 Inviluppi.

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

Tale tecnica è stata utilizzata per:

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

4.2.1 Inviluppi dei Cinematismi nodali.

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

Nodo	: numerazione interna del nodo.
X	: distanza dal nodo iniziale misurata lungo l'asse dell'asta.
Cinematismi nodali	: valore dello spostamento. Per le azioni sismiche è riferito allo spettro elastico:
Vx	: traslazione X rispetto al sistema di riferimento globale.
Vy	: traslazione Y rispetto al sistema di riferimento globale.
Vz	: Traslazione Z rispetto al sistema di riferimento globale.
Rx	: rotazione X rispetto al sistema di riferimento globale.
Ry	: rotazione Y rispetto al sistema di riferimento globale.
Rz	: rotazione Z rispetto al sistema di riferimento globale.
Max	: valore massimo (rispetto al sistema di riferimento globale) dell'inviluppo.
Min	: valore minimo (rispetto al sistema di riferimento globale) dell'inviluppo.

4.2.1.1 Inviluppi SLV.

Tabella 19.I

STATO LIMITE DI SALVAGUARDIA DELLA VITA												
Nodo	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.784	-0.795	0.990	-0.992	0.200	-0.562	8.1E-4	-8.2E-4	3.2E-4	-2.7E-4	1.8E-3	-1.8E-3
2	0.784	-0.795	0.519	-0.511	0.263	-0.641	1.3E-3	-1.5E-3	9.8E-4	-1.1E-3	1.6E-3	-1.6E-3
3	0.712	-0.694	0.497	-0.502	0.378	-0.695	1.5E-3	-1.5E-3	1.3E-3	-1.2E-3	1.3E-3	-1.3E-3
4	0.712	-0.694	0.997	-1.000	0.220	-0.522	8.9E-4	-7.7E-4	8.5E-4	-8.9E-4	1.6E-3	-1.6E-3
5	0.335	-0.336	0.518	-0.509	-0.073	-0.254	1.3E-3	-1.5E-3	1.4E-4	-2.1E-4	9.9E-4	-9.7E-4
6	0.347	-0.348	0.513	-0.513	0.006	-0.349	7.8E-4	-7.2E-4	6.0E-4	-6.8E-4	4.4E-4	-4.3E-4
7	0.346	-0.346	0.510	-0.514	0.049	-0.386	8.1E-4	-7.1E-4	4.1E-4	-2.7E-4	4.0E-4	-3.9E-4
8	0.329	-0.329	0.510	-0.513	-0.009	-0.288	1.5E-3	-1.6E-3	1.9E-4	-1.3E-4	8.7E-4	-9.1E-4
9	0.359	-0.360	0.992	-0.994	0.051	-0.410	7.4E-4	-7.4E-4	1.0E-3	-6.6E-4	1.6E-3	-1.5E-3
10	0.408	-0.408	0.519	-0.518	-0.050	-0.300	6.6E-4	-6.6E-4	1.1E-3	-1.1E-3	2.8E-4	-2.7E-4
11	0.408	-0.408	0.514	-0.517	0.005	-0.353	6.4E-4	-6.1E-4	1.1E-3	-1.1E-3	3.2E-4	-3.1E-4
12	0.352	-0.352	1.001	-1.004	0.066	-0.396	8.2E-4	-6.9E-4	1.2E-3	-1.5E-3	1.4E-3	-1.4E-3
13	0.527	-0.529	0.526	-0.522	0.103	-0.420	6.2E-4	-6.7E-4	8.2E-4	-8.5E-4	5.0E-4	-4.8E-4
14	0.527	-0.530	0.520	-0.520	0.104	-0.440	5.7E-4	-6.0E-4	7.5E-4	-9.0E-4	4.9E-4	-4.8E-4
15	0.556	-0.557	0.981	-0.981	0.291	-0.658	9.4E-4	-9.2E-4	7.0E-4	-5.9E-4	1.9E-3	-1.9E-3
16	0.563	-0.563	0.445	-0.441	0.179	-0.499	1.1E-3	-1.1E-3	5.1E-4	-4.5E-4	9.9E-4	-1.0E-3
17	0.592	-0.595	0.442	-0.441	0.152	-0.505	9.4E-4	-9.3E-4	3.4E-4	-4.9E-4	1.0E-3	-1.0E-3
18	0.584	-0.586	1.009	-1.011	0.216	-0.662	8.5E-4	-6.9E-4	4.8E-4	-6.7E-4	1.9E-3	-1.9E-3
19	0.561	-0.561	0.525	-0.520	0.166	-0.480	7.3E-4	-7.6E-4	5.4E-4	-5.0E-4	8.2E-4	-8.0E-4
20	0.590	-0.593	0.519	-0.519	0.154	-0.488	6.7E-4	-6.7E-4	4.0E-4	-5.5E-4	8.6E-4	-8.6E-4
21	1.167	-1.166	1.301	-1.303	0.197	-0.567	9.3E-4	-9.2E-4	3.9E-4	-4.0E-4	7.1E-4	-7.2E-4
22	1.168	-1.165	1.003	-1.042	0.241	-0.622	1.0E-3	-1.3E-3	7.0E-5	-9.5E-4	7.0E-4	-7.3E-4
23	1.169	-1.164	1.001	-1.004	0.351	-0.671	1.1E-3	-1.3E-3	9.9E-4	-2.7E-5	7.0E-4	-7.3E-4
24	1.170	-1.163	1.320	-1.275	0.224	-0.531	9.2E-4	-7.8E-4	8.9E-4	-8.7E-4	7.0E-4	-7.3E-4
25	0.988	-0.991	1.004	-1.041	-0.041	-0.367	4.0E-4	-2.5E-3	2.3E-4	-1.2E-4	7.2E-4	-7.1E-4

RELAZIONE DI CALCOLO -

26	1.009	-1.010	0.769	-0.784	0.004	-0.374	4.1E-4	-2.5E-3	7.7E-4	-6.3E-4	7.0E-4	-7.3E-4
27	1.009	-1.010	0.747	-0.756	0.059	-0.424	6.5E-4	-2.7E-3	3.3E-4	-4.1E-4	7.0E-4	-7.3E-4
28	0.989	-0.990	1.016	-1.017	0.042	-0.380	7.7E-4	-2.9E-3	2.1E-4	-2.2E-4	6.8E-4	-7.5E-4
29	1.007	-1.013	1.301	-1.302	0.051	-0.422	5.6E-4	-2.5E-3	8.4E-4	-1.2E-3	7.3E-4	-7.0E-4
30	0.922	-0.924	0.769	-0.784	-0.058	-0.348	6.6E-4	-7.2E-4	1.1E-3	-1.1E-3	7.0E-4	-7.3E-4
31	0.922	-0.924	0.748	-0.756	-0.004	-0.355	6.2E-4	-6.5E-4	1.1E-3	-1.1E-3	7.1E-4	-7.2E-4
32	1.011	-1.008	1.321	-1.275	0.067	-0.409	9.0E-4	-2.8E-3	1.6E-3	-1.2E-3	6.8E-4	-7.4E-4
33	0.728	-0.749	0.768	-0.784	0.107	-0.431	5.5E-6	-5.5E-6	7.8E-4	-7.1E-4	7.0E-4	-7.3E-4
34	0.761	-0.716	0.747	-0.756	0.113	-0.457	3.4E-6	-3.4E-6	6.7E-4	-8.2E-4	7.5E-4	-6.8E-4
35	0.733	-0.759	1.302	-1.301	0.296	-0.668	9.4E-4	-9.4E-4	6.1E-4	-5.5E-4	7.2E-4	-7.1E-4
36	0.735	-0.758	0.847	-0.863	0.175	-0.502	7.2E-4	-7.9E-4	1.9E-6	-1.9E-6	7.2E-4	-7.1E-4
37	0.770	-0.722	0.822	-0.829	0.142	-0.501	1.0E-3	-1.0E-3	8.8E-6	-8.8E-6	6.9E-4	-7.4E-4
38	1.169	-1.165	0.769	-0.784	0.121	-0.921	6.1E-4	-2.2E-3	5.3E-4	-1.0E-3	6.9E-4	-7.3E-4
39	1.169	-1.164	0.747	-0.756	0.125	-0.912	9.1E-4	-2.5E-3	1.2E-3	-5.6E-4	7.0E-4	-7.3E-4
40	0.772	-0.721	1.322	-1.274	0.217	-0.671	9.1E-4	-7.7E-4	4.6E-4	-5.9E-4	7.1E-4	-7.2E-4
41	0.735	-0.758	0.768	-0.785	0.171	-0.488	6.7E-4	-7.5E-4	5.6E-4	-4.9E-4	7.1E-4	-7.2E-4
42	0.770	-0.722	0.747	-0.756	0.158	-0.497	6.3E-4	-6.8E-4	3.7E-4	-5.4E-4	7.2E-4	-7.1E-4
43	1.474	-1.467	1.582	-1.583	0.160	-0.536	6.0E-4	-6.0E-4	1.9E-4	-2.1E-4	8.5E-4	-8.5E-4
44	1.473	-1.467	1.237	-1.283	0.182	-0.564	4.6E-4	-7.1E-4	5.8E-5	-9.1E-4	8.4E-4	-8.5E-4
45	1.471	-1.470	1.238	-1.209	0.341	-0.662	1.5E-3	-1.7E-3	9.5E-4	7.1E-5	7.9E-4	-9.0E-4
46	1.471	-1.470	1.610	-1.520	0.241	-0.551	1.9E-3	-1.8E-3	1.3E-3	-1.3E-3	8.3E-4	-8.6E-4
47	1.258	-1.260	1.237	-1.282	0.042	-0.454	6.2E-4	-2.6E-3	2.3E-4	-1.4E-4	8.6E-4	-8.3E-4
48	1.282	-1.284	0.957	-0.993	-0.028	-0.438	3.3E-4	-2.3E-3	6.6E-4	-5.2E-4	8.2E-4	-8.7E-4
49	1.282	-1.284	0.929	-0.947	0.045	-0.434	7.2E-4	-2.7E-3	2.6E-4	-3.2E-4	8.1E-4	-8.8E-4
50	1.256	-1.261	1.255	-1.224	0.079	-0.436	9.4E-4	-2.8E-3	2.4E-4	-1.9E-4	7.8E-4	-9.1E-4
51	1.281	-1.285	1.582	-1.583	0.049	-0.426	7.4E-4	-2.5E-3	3.4E-4	-7.0E-4	8.7E-4	-8.2E-4
52	1.176	-1.181	0.957	-0.993	-0.074	-0.423	5.3E-4	-6.0E-4	6.5E-4	-6.5E-4	8.1E-4	-8.8E-4
53	1.177	-1.180	0.929	-0.947	-0.023	-0.422	5.7E-4	-6.1E-4	6.1E-4	-6.3E-4	8.6E-4	-8.3E-4
54	1.284	-1.282	1.611	-1.520	0.063	-0.410	1.2E-3	-2.8E-3	1.0E-3	-8.2E-4	8.1E-4	-8.8E-4
55	0.880	-0.922	0.958	-0.992	0.109	-0.439	1.4E-3	-1.4E-3	5.3E-4	-4.4E-4	8.4E-4	-8.5E-4
56	0.947	-0.855	0.930	-0.947	0.098	-0.451	3.8E-4	-3.0E-4	8.6E-5	-2.0E-4	8.6E-4	-8.4E-4
57	0.884	-0.928	1.583	-1.582	0.310	-0.686	2.1E-3	-2.1E-3	5.8E-4	-5.3E-4	8.4E-4	-8.5E-4
58	0.884	-0.927	1.048	-1.084	0.165	-0.498	1.9E-3	-2.0E-3	9.7E-4	-9.5E-4	8.5E-4	-8.4E-4
59	0.952	-0.860	1.012	-1.028	0.126	-0.495	3.6E-4	-3.3E-4	9.8E-5	-1.6E-4	8.3E-4	-8.6E-4
60	1.472	-1.468	0.958	-0.993	0.050	-0.846	4.7E-4	-2.0E-3	4.7E-4	-9.5E-4	8.2E-4	-8.7E-4
61	1.472	-1.469	0.929	-0.947	0.131	-0.918	1.0E-3	-2.6E-3	9.6E-4	-3.6E-4	8.1E-4	-8.8E-4
62	0.952	-0.860	1.611	-1.520	0.181	-0.640	6.5E-4	-5.1E-4	2.1E-4	-3.4E-4	8.3E-4	-8.6E-4
63	0.952	-0.860	0.930	-0.947	0.121	-0.475	2.2E-4	-2.2E-4	-4.1E-5	-1.0E-4	8.4E-4	-8.6E-4
64	1.518	-1.510	1.670	-1.673	0.138	-0.499	6.9E-5	-6.5E-5	8.6E-5	-8.7E-5	9.2E-4	-8.3E-4
65	1.518	-1.510	1.317	-1.359	0.156	-0.520	7.4E-5	-1.0E-4	2.8E-6	-1.7E-4	9.2E-4	-8.3E-4
66	1.512	-1.516	1.305	-1.277	0.354	-0.659	2.6E-3	-2.4E-3	2.0E-3	-2.3E-3	8.5E-4	-9.0E-4
67	1.514	-1.514	1.687	-1.595	0.253	-0.547	2.7E-3	-2.5E-3	1.5E-3	-1.5E-3	8.6E-4	-8.9E-4
68	1.306	-1.284	1.317	-1.359	0.086	-0.487	2.8E-3	-5.1E-3	2.4E-4	-1.9E-4	9.1E-4	-8.4E-4
69	1.331	-1.309	1.016	-1.071	-0.016	-0.467	2.9E-3	-5.0E-3	4.2E-4	3.2E-6	8.7E-4	-8.8E-4
70	1.320	-1.320	0.992	-1.011	0.059	-0.418	1.2E-2	-1.2E-2	1.2E-4	-2.7E-4	8.1E-4	-9.3E-4
71	1.292	-1.298	1.329	-1.286	0.089	-0.430	1.2E-2	-1.2E-2	1.9E-4	-9.5E-5	7.9E-4	-9.6E-4
72	1.330	-1.310	1.669	-1.674	0.061	-0.438	2.9E-3	-5.0E-3	-8.0E-5	-4.7E-4	9.1E-4	-8.4E-4
73	1.216	-1.206	1.019	-1.068	-0.019	-0.445	5.9E-6	-5.9E-6	3.8E-5	-1.4E-4	8.1E-4	-9.4E-4
74	1.213	-1.209	0.992	-1.011	-0.014	-0.420	8.4E-7	-8.4E-7	-1.7E-5	-6.4E-5	9.3E-4	-8.2E-4
75	1.318	-1.322	1.691	-1.591	0.071	-0.401	1.1E-2	-1.2E-2	1.3E-4	-4.7E-5	8.3E-4	-9.1E-4
76	0.898	-0.939	1.026	-1.061	0.126	-0.441	5.2E-4	-4.1E-4	1.5E-4	-1.6E-4	8.9E-4	-8.6E-4
77	0.986	-0.851	0.994	-1.009	0.102	-0.448	1.9E-4	-2.0E-4	6.8E-5	-2.4E-4	8.6E-4	-8.9E-4
78	0.902	-0.943	1.670	-1.673	0.327	-0.683	3.3E-3	-3.3E-3	5.8E-4	-5.3E-4	8.7E-4	-8.8E-4
79	0.902	-0.942	1.121	-1.154	0.171	-0.488	1.3E-3	-1.2E-3	4.5E-4	-5.3E-4	8.9E-4	-8.6E-4
80	0.989	-0.855	1.077	-1.088	0.134	-0.489	7.2E-5	-1.1E-4	2.0E-4	-3.2E-4	8.5E-4	-9.0E-4
81	0.989	-0.856	1.710	-1.572	0.151	-0.592	1.4E-4	1.5E-6	-1.7E-5	-1.1E-4	8.3E-4	-9.2E-4
82	0.989	-0.855	0.993	-1.009	0.125	-0.464	5.9E-5	-7.0E-5	-3.0E-5	-1.1E-4	8.5E-4	-9.0E-4
83	1.141	-1.142	1.238	-1.240	0.199	-0.567	9.4E-4	-9.4E-4	5.5E-4	-6.0E-4	1.3E-3	-1.3E-3
84	0.785	-0.796	0.926	-0.929	0.191	-0.550	8.8E-4	-9.1E-4	2.8E-4	-2.5E-4	1.6E-3	-1.6E-3
85	0.787	-0.798	0.756	-0.756	0.168	-0.528	1.1E-3	-1.1E-3	3.6E-4	-4.0E-4	1.3E-3	-1.4E-3
86	1.167	-1.166	1.274	-1.276	0.193	-0.564	1.1E-3	-1.0E-3	1.3E-5	-1.3E-5	7.3E-4	-7.0E-4
87	1.167	-1.166	1.196	-1.210	0.160	-0.531	1.2E-3	-1.2E-3	5.5E-6	-5.5E-6	7.9E-4	-6.4E-4
88	1.106	-1.097	1.256	-1.221	0.223	-0.529	9.6E-4	-8.2E-4	1.1E-3	-1.1E-3	9.8E-4	-9.9E-4
89	0.714	-0.696	0.745	-0.750	0.206	-0.508	1.2E-3	-1.1E-3	9.2E-4	-8.7E-4	1.5E-3	-1.4E-3
90	0.713	-0.695	0.924	-0.929	0.215	-0.515	9.8E-4	-8.7E-4	7.9E-4	-8.1E-4	1.7E-3	-1.7E-3
91	1.170	-1.163	1.205	-1.176	0.208	-0.518	8.1E-4	-6.9E-4	5.5E-7	-5.5E-7	6.4E-4	-7.9E-4
92	1.170	-1.163	1.288	-1.246	0.224	-0.532	9.5E-4	-8.0E-4	9.3E-6	-9.3E-6	6.8E-4	-7.5E-4
93	0.558	-0.559	0.579	-0.579	0.249	-0.595	1.3E-3	-1.3E-3	5.0E-4	-4.0E-4	2.0E-3	-2.0E-3
94	0.561	-0.562	0.334	-0.332	0.208	-0.543	1.4E-3	-1.4E-3	3.6E-4	-3.4E-4	7.1E-4	-7.1E-4
95	0.734	-0.759	1.176	-1.178	0.259	-0.620	8.6E-4	-8.7E-4	7.0E-7	-7.0E-7	7.3E-4	-7.0E-4
96	0.734	-0.759	1.055	-1.062	0.216	-0.564	1.1E-3	-1.1E-3	7.4E-7	-7.4E-7	7.3E-4	-7.0E-4
97	0.591	-0.593	0.339	-0.339	0.158	-0.549	1.3E-3	-1.2E-3	1.2E-4	-2.0E-4	8.4E-4	-8.4E-4

RELAZIONE DI CALCOLO -

98	0.587	-0.589	0.621	-0.622	0.188	-0.600	1.1E-3	-1.0E-3	1.8E-4	-3.6E-4	2.2E-3	-2.2E-3
99	0.771	-0.722	1.059	-1.037	0.162	-0.570	1.5E-3	-1.5E-3	2.1E-7	-2.1E-7	6.6E-4	-7.7E-4
100	0.771	-0.721	1.194	-1.153	0.182	-0.612	1.3E-3	-1.2E-3	1.0E-6	-1.0E-6	6.8E-4	-7.5E-4
101	1.457	-1.452	1.549	-1.550	0.169	-0.544	9.3E-4	-9.3E-4	6.4E-4	-6.7E-4	8.7E-4	-8.7E-4
102	1.474	-1.467	1.551	-1.553	0.157	-0.533	6.5E-4	-6.5E-4	5.8E-6	-5.8E-6	8.8E-4	-8.1E-4
103	1.474	-1.467	1.461	-1.476	0.146	-0.524	6.0E-4	-5.9E-4	1.2E-6	-1.2E-6	9.2E-4	-7.7E-4
104	1.471	-1.470	1.477	-1.406	0.214	-0.527	2.4E-3	-2.2E-3	1.9E-6	-1.9E-6	7.5E-4	-9.4E-4
105	1.471	-1.470	1.574	-1.486	0.233	-0.544	2.1E-3	-2.0E-3	2.1E-5	-2.1E-5	8.0E-4	-8.9E-4
106	1.434	-1.432	1.566	-1.482	0.234	-0.544	8.1E-4	-6.6E-4	8.9E-4	-8.7E-4	1.1E-3	-1.2E-3
107	0.884	-0.928	1.292	-1.310	0.222	-0.574	2.5E-3	-2.5E-3	3.0E-6	-3.0E-6	8.9E-4	-8.1E-4
108	0.884	-0.928	1.380	-1.389	0.245	-0.605	2.5E-3	-2.5E-3	3.2E-6	-3.2E-6	8.8E-4	-8.1E-4
109	0.734	-0.759	1.129	-1.133	0.245	-0.602	9.9E-4	-1.0E-3	6.0E-7	-6.0E-7	7.3E-4	-7.0E-4
110	0.952	-0.860	1.350	-1.300	0.160	-0.581	5.7E-4	-4.9E-4	1.2E-5	-1.2E-5	7.4E-4	-9.5E-4
111	0.952	-0.860	1.450	-1.378	0.163	-0.598	6.1E-4	-5.2E-4	6.7E-6	-6.7E-6	7.6E-4	-9.3E-4
112	0.771	-0.722	1.105	-1.075	0.170	-0.586	1.6E-3	-1.5E-3	8.4E-6	-8.4E-6	6.6E-4	-7.7E-4
113	0.771	-0.722	1.187	-1.147	0.181	-0.609	1.3E-3	-1.2E-3	8.7E-6	-8.7E-6	6.8E-4	-7.5E-4
114	1.167	-1.166	1.236	-1.242	0.176	-0.547	1.2E-3	-1.2E-3	8.9E-6	-8.9E-6	7.7E-4	-6.6E-4
115	1.168	-1.166	1.130	-1.156	0.162	-0.536	1.1E-3	-1.2E-3	6.4E-6	-6.4E-6	7.7E-4	-6.5E-4
116	1.168	-1.165	1.065	-1.101	0.194	-0.570	1.1E-3	-1.1E-3	3.7E-6	-3.7E-6	7.7E-4	-6.6E-4
117	0.786	-0.797	0.837	-0.839	0.177	-0.536	9.8E-4	-1.0E-3	2.2E-4	-2.2E-4	1.6E-3	-1.6E-3
118	0.787	-0.799	0.655	-0.652	0.168	-0.533	1.2E-3	-1.3E-3	8.2E-4	-8.9E-4	8.9E-4	-9.3E-4
119	0.786	-0.797	0.587	-0.580	0.206	-0.577	1.3E-3	-1.4E-3	1.0E-3	-1.1E-3	8.3E-4	-8.6E-4
120	1.028	-1.035	1.157	-1.159	0.200	-0.565	8.4E-4	-8.4E-4	1.7E-3	-1.8E-3	1.6E-3	-1.6E-3
121	0.873	-0.885	1.074	-1.077	0.201	-0.564	9.9E-4	-9.9E-4	1.6E-3	-1.6E-3	1.7E-3	-1.7E-3
122	1.080	-1.082	0.892	-0.923	0.253	-0.633	1.5E-3	-1.4E-3	1.8E-3	-1.3E-3	9.4E-4	-9.1E-4
123	0.984	-0.986	0.770	-0.793	0.262	-0.640	1.3E-3	-1.5E-3	7.6E-4	-1.0E-3	1.2E-3	-1.2E-3
124	0.885	-0.892	0.644	-0.653	0.265	-0.643	1.6E-3	-1.7E-3	1.3E-3	-1.3E-3	1.5E-3	-1.5E-3
125	1.059	-1.065	1.301	-1.302	0.097	-0.468	7.7E-6	-7.7E-6	1.2E-3	-1.3E-3	6.9E-4	-7.4E-4
126	1.113	-1.115	1.301	-1.302	0.146	-0.516	4.2E-7	-4.2E-7	8.6E-4	-9.2E-4	6.9E-4	-7.4E-4
127	0.489	-0.493	0.992	-0.994	0.099	-0.459	7.3E-4	-7.5E-4	8.5E-4	-6.1E-4	1.9E-3	-1.9E-3
128	0.640	-0.647	0.992	-0.993	0.148	-0.509	7.5E-4	-7.6E-4	6.2E-4	-4.7E-4	2.1E-3	-2.0E-3
129	0.857	-0.879	1.224	-1.225	0.052	-0.420	7.2E-7	-7.2E-7	2.2E-3	-2.2E-3	9.2E-4	-9.5E-4
130	0.663	-0.686	1.147	-1.148	0.052	-0.418	4.9E-6	-4.9E-6	2.3E-3	-2.3E-3	1.2E-3	-1.2E-3
131	0.475	-0.495	1.070	-1.071	0.052	-0.415	6.7E-7	-6.7E-7	2.1E-3	-2.0E-3	1.4E-3	-1.4E-3
132	1.108	-1.107	1.003	-1.042	0.147	-0.521	5.8E-7	-5.8E-7	1.4E-3	-1.2E-3	7.1E-4	-7.2E-4
133	1.048	-1.049	1.004	-1.042	0.054	-0.422	9.0E-7	-9.0E-7	1.2E-3	-1.2E-3	6.9E-4	-7.4E-4
134	0.624	-0.633	0.519	-0.512	0.148	-0.511	1.3E-3	-1.5E-3	7.7E-4	-8.4E-4	2.1E-3	-2.0E-3
135	0.456	-0.461	0.519	-0.511	0.033	-0.377	1.3E-3	-1.6E-3	4.7E-4	-5.3E-4	1.8E-3	-1.8E-3
136	0.875	-0.873	0.890	-0.921	-0.062	-0.339	5.5E-7	-5.5E-7	2.6E-3	-2.6E-3	5.4E-4	-5.2E-4
137	0.643	-0.640	0.769	-0.790	-0.073	-0.310	6.2E-7	-6.2E-7	2.7E-3	-2.7E-3	1.3E-3	-1.3E-3
138	0.429	-0.426	0.643	-0.651	-0.077	-0.280	2.8E-6	-2.8E-6	2.1E-3	-2.1E-3	1.6E-3	-1.6E-3
139	1.170	-1.164	1.067	-1.063	0.297	-0.612	9.6E-4	-8.4E-4	1.2E-6	-1.2E-6	6.5E-4	-7.8E-4
140	1.170	-1.163	1.136	-1.120	0.241	-0.554	8.2E-4	-7.4E-4	4.8E-6	-4.8E-6	6.5E-4	-7.8E-4
141	1.170	-1.163	1.247	-1.210	0.215	-0.524	1.0E-3	-8.9E-4	9.6E-6	-9.6E-6	6.5E-4	-7.8E-4
142	0.714	-0.695	0.557	-0.560	0.305	-0.617	1.4E-3	-1.4E-3	1.3E-3	-1.3E-3	8.6E-4	-8.7E-4
143	0.715	-0.696	0.635	-0.638	0.237	-0.543	1.3E-3	-1.3E-3	1.2E-3	-1.2E-3	1.0E-3	-1.0E-3
144	0.714	-0.695	0.831	-0.836	0.209	-0.509	1.1E-3	-1.0E-3	7.7E-4	-7.5E-4	1.7E-3	-1.7E-3
145	1.068	-1.057	0.883	-0.890	0.367	-0.685	1.6E-3	-1.3E-3	1.8E-3	-2.3E-3	8.5E-4	-9.3E-4
146	0.949	-0.939	0.754	-0.764	0.376	-0.694	1.4E-3	-1.5E-3	1.2E-3	-8.9E-4	1.1E-3	-1.1E-3
147	0.833	-0.818	0.619	-0.628	0.380	-0.698	1.7E-3	-1.7E-3	1.6E-3	-1.6E-3	1.3E-3	-1.4E-3
148	0.977	-0.963	1.171	-1.149	0.221	-0.526	8.9E-4	-7.5E-4	1.7E-3	-1.7E-3	1.2E-3	-1.2E-3
149	0.826	-0.808	1.085	-1.076	0.221	-0.524	1.0E-3	-8.8E-4	1.6E-3	-1.6E-3	1.4E-3	-1.4E-3
150	1.049	-1.047	1.010	-1.013	0.140	-0.469	9.0E-5	-8.7E-5	1.2E-3	-1.1E-3	7.1E-4	-7.2E-4
151	1.109	-1.106	1.005	-1.008	0.246	-0.570	9.7E-5	-1.1E-4	1.3E-3	-1.4E-3	7.0E-4	-7.3E-4
152	0.435	-0.430	0.507	-0.510	0.112	-0.420	1.5E-3	-1.6E-3	5.4E-4	-4.7E-4	1.4E-3	-1.5E-3
153	0.577	-0.564	0.502	-0.507	0.245	-0.560	1.5E-3	-1.5E-3	9.6E-4	-9.0E-4	1.6E-3	-1.7E-3
154	0.872	-0.880	0.896	-0.902	0.022	-0.350	1.9E-4	-1.9E-4	2.5E-3	-2.5E-3	4.6E-4	-5.4E-4
155	0.638	-0.645	0.772	-0.780	0.007	-0.327	2.1E-4	-2.1E-4	2.7E-3	-2.7E-3	1.1E-3	-1.2E-3
156	0.421	-0.425	0.641	-0.648	-0.003	-0.306	1.6E-4	-1.6E-4	2.1E-3	-2.1E-3	1.4E-3	-1.5E-3
157	1.117	-1.111	1.320	-1.275	0.162	-0.481	9.1E-6	-9.1E-6	1.2E-3	-1.1E-3	7.1E-4	-7.2E-4
158	1.064	-1.059	1.321	-1.275	0.101	-0.431	4.8E-6	-4.8E-6	1.4E-3	-1.3E-3	7.1E-4	-7.2E-4
159	0.586	-0.573	0.999	-1.002	0.159	-0.470	8.3E-4	-7.1E-4	1.0E-3	-1.1E-3	1.6E-3	-1.7E-3
160	0.463	-0.458	1.000	-1.003	0.101	-0.421	8.1E-4	-6.9E-4	1.1E-3	-1.3E-3	1.4E-3	-1.5E-3
161	0.869	-0.852	1.241	-1.207	0.067	-0.406	2.5E-6	-2.5E-6	2.0E-3	-2.0E-3	8.7E-4	-8.7E-4
162	0.685	-0.665	1.161	-1.140	0.067	-0.404	2.5E-6	-2.5E-6	2.2E-3	-2.2E-3	1.0E-3	-1.0E-3
163	0.497	-0.480	1.082	-1.073	0.067	-0.401	7.8E-8	-7.8E-8	2.0E-3	-2.1E-3	1.2E-3	-1.2E-3
164	0.960	-0.961	0.769	-0.784	-0.027	-0.352	6.4E-6	-6.4E-6	1.2E-3	-1.2E-3	7.2E-4	-7.1E-4
165	0.378	-0.378	0.516	-0.516	-0.023	-0.324	7.6E-4	-7.1E-4	8.9E-4	-9.3E-4	6.5E-4	-6.4E-4
166	0.893	-0.889	0.709	-0.718	0.011	-0.376	7.5E-6	-7.5E-6	2.0E-3	-2.1E-3	7.4E-4	-7.9E-4
167	0.693	-0.690	0.647	-0.652	0.012	-0.372	2.1E-6	-2.1E-6	2.5E-3	-2.5E-3	3.6E-4	-3.9E-4
168	0.477	-0.474	0.583	-0.584	0.010	-0.363	6.3E-6	-6.3E-6	2.4E-3	-2.4E-3	6.0E-4	-6.3E-4
169	0.799	-0.801	0.709	-0.718	-0.052	-0.327	7.1E-4	-7.7E-4	1.6E-3	-1.6E-3	6.3E-4	-6.6E-4

RELAZIONE DI CALCOLO -

170	0.668	-0.669	0.647	-0.652	-0.049	-0.305	6.8E-4	-7.3E-4	1.4E-3	-1.4E-3	4.9E-4	-5.1E-4
171	0.534	-0.534	0.584	-0.585	-0.048	-0.304	7.8E-4	-8.2E-4	1.7E-3	-1.7E-3	3.2E-4	-3.3E-4
172	0.960	-0.961	0.747	-0.756	0.024	-0.384	6.9E-6	-6.9E-6	1.1E-3	-1.2E-3	7.2E-4	-7.1E-4
173	0.379	-0.379	0.512	-0.515	0.023	-0.368	7.8E-4	-7.0E-4	8.1E-4	-7.3E-4	6.5E-4	-6.5E-4
174	0.799	-0.800	0.690	-0.696	0.005	-0.360	6.8E-4	-7.1E-4	1.6E-3	-1.6E-3	6.6E-4	-6.5E-4
175	0.668	-0.669	0.632	-0.635	0.008	-0.362	6.4E-4	-6.6E-4	1.4E-3	-1.4E-3	5.2E-4	-5.0E-4
176	0.534	-0.533	0.573	-0.575	0.009	-0.359	7.3E-4	-7.4E-4	1.7E-3	-1.7E-3	3.8E-4	-3.6E-4
177	0.896	-0.900	0.690	-0.696	0.065	-0.424	8.9E-7	-8.9E-7	2.1E-3	-2.1E-3	8.7E-4	-8.3E-4
178	0.688	-0.694	0.632	-0.635	0.065	-0.419	8.6E-6	-8.6E-6	2.5E-3	-2.5E-3	4.2E-4	-3.8E-4
179	0.465	-0.472	0.572	-0.575	0.061	-0.408	7.7E-6	-7.7E-6	2.5E-3	-2.5E-3	6.9E-4	-6.4E-4
180	0.724	-0.751	1.302	-1.301	0.240	-0.612	9.9E-7	-9.9E-7	8.3E-4	-7.8E-4	7.2E-4	-7.1E-4
181	0.715	-0.742	1.302	-1.301	0.185	-0.557	7.1E-6	-7.1E-6	1.1E-3	-1.1E-3	7.1E-4	-7.2E-4
182	0.749	-0.775	1.302	-1.301	0.132	-0.504	6.0E-6	-6.0E-6	1.4E-3	-1.3E-3	7.1E-4	-7.2E-4
183	0.795	-0.819	1.302	-1.301	0.082	-0.454	4.9E-6	-4.9E-6	1.6E-3	-1.5E-3	7.0E-4	-7.3E-4
184	0.842	-0.863	1.302	-1.302	0.044	-0.416	5.0E-6	-5.0E-6	1.7E-3	-1.7E-3	6.9E-4	-7.3E-4
185	0.889	-0.906	1.302	-1.302	0.029	-0.401	4.9E-7	-4.9E-7	1.7E-3	-1.7E-3	6.9E-4	-7.4E-4
186	0.939	-0.949	1.301	-1.302	0.029	-0.400	6.4E-7	-6.4E-7	1.6E-3	-1.7E-3	6.6E-4	-7.7E-4
187	0.439	-0.439	0.983	-0.984	0.236	-0.602	8.5E-4	-8.4E-4	9.4E-4	-8.2E-4	1.4E-3	-1.4E-3
188	0.320	-0.320	0.986	-0.987	0.183	-0.548	8.1E-4	-8.1E-4	1.2E-3	-1.0E-3	1.1E-3	-1.1E-3
189	0.222	-0.221	0.989	-0.989	0.133	-0.498	7.9E-4	-7.9E-4	1.3E-3	-1.2E-3	8.2E-4	-8.3E-4
190	0.161	-0.160	0.991	-0.992	0.084	-0.449	7.7E-4	-7.6E-4	1.5E-3	-1.3E-3	4.5E-4	-4.5E-4
191	0.140	-0.139	0.993	-0.994	0.045	-0.409	7.5E-4	-7.4E-4	1.5E-3	-1.3E-3	2.6E-4	-2.6E-4
192	0.165	-0.164	0.994	-0.995	0.030	-0.394	7.3E-4	-7.1E-4	1.4E-3	-1.2E-3	5.7E-4	-5.7E-4
193	0.238	-0.238	0.994	-0.995	0.030	-0.391	7.2E-4	-6.9E-4	1.3E-3	-9.9E-4	1.0E-3	-1.0E-3
194	0.692	-0.713	1.223	-1.222	0.295	-0.666	8.9E-4	-8.9E-4	5.9E-4	-5.3E-4	7.5E-4	-7.4E-4
195	0.648	-0.663	1.145	-1.144	0.294	-0.663	9.2E-4	-9.2E-4	6.6E-4	-5.9E-4	1.1E-3	-1.1E-3
196	0.602	-0.611	1.064	-1.063	0.293	-0.661	9.7E-4	-9.7E-4	6.7E-4	-5.8E-4	1.6E-3	-1.6E-3
197	0.922	-0.924	0.712	-0.723	-0.059	-0.348	6.2E-4	-6.7E-4	2.6E-7	-2.6E-7	6.9E-4	-7.4E-4
198	0.410	-0.410	0.489	-0.490	-0.054	-0.295	5.7E-4	-5.6E-4	1.1E-3	-1.1E-3	5.3E-4	-5.0E-4
199	0.877	-0.883	0.769	-0.784	-0.102	-0.343	3.1E-6	-3.1E-6	1.2E-3	-1.2E-3	7.0E-4	-7.3E-4
200	0.833	-0.842	0.769	-0.784	-0.129	-0.337	7.6E-6	-7.6E-6	1.2E-3	-1.1E-3	7.0E-4	-7.3E-4
201	0.789	-0.801	0.769	-0.784	-0.079	-0.331	5.3E-6	-5.3E-6	1.1E-3	-1.1E-3	7.0E-4	-7.3E-4
202	0.745	-0.760	0.769	-0.784	-0.019	-0.323	7.5E-6	-7.5E-6	1.0E-3	-9.7E-4	7.0E-4	-7.3E-4
203	0.721	-0.739	0.769	-0.784	0.043	-0.374	4.1E-7	-4.1E-7	9.2E-4	-8.6E-4	7.0E-4	-7.3E-4
204	0.395	-0.394	0.524	-0.522	-0.093	-0.269	5.7E-4	-6.2E-4	1.1E-3	-1.1E-3	4.3E-4	-4.4E-4
205	0.370	-0.370	0.527	-0.524	-0.120	-0.264	5.6E-4	-6.2E-4	1.1E-3	-1.1E-3	4.6E-4	-4.7E-4
206	0.360	-0.362	0.528	-0.525	-0.074	-0.262	5.6E-4	-6.3E-4	1.1E-3	-1.1E-3	4.9E-4	-5.0E-4
207	0.408	-0.411	0.529	-0.525	-0.016	-0.314	5.7E-4	-6.4E-4	9.9E-4	-1.0E-3	6.8E-4	-6.9E-4
208	0.475	-0.478	0.528	-0.524	0.043	-0.366	5.7E-4	-6.4E-4	9.0E-4	-9.2E-4	7.3E-4	-7.3E-4
209	0.677	-0.692	0.708	-0.719	0.108	-0.431	5.3E-7	-5.3E-7	7.0E-4	-6.3E-4	6.6E-4	-6.8E-4
210	0.626	-0.635	0.648	-0.653	0.107	-0.429	6.3E-6	-6.3E-6	7.5E-4	-6.9E-4	6.5E-4	-6.7E-4
211	0.569	-0.573	0.587	-0.587	0.106	-0.425	8.4E-7	-8.4E-7	7.7E-4	-7.1E-4	6.3E-4	-6.4E-4
212	0.749	-0.711	0.747	-0.756	0.062	-0.410	7.0E-6	-7.0E-6	8.6E-4	-9.8E-4	7.6E-4	-6.7E-4
213	0.767	-0.739	0.747	-0.756	0.013	-0.363	7.2E-6	-7.2E-6	9.9E-4	-1.1E-3	7.7E-4	-6.6E-4
214	0.804	-0.786	0.747	-0.756	-0.024	-0.337	6.4E-6	-6.4E-6	1.1E-3	-1.1E-3	7.7E-4	-6.6E-4
215	0.841	-0.833	0.747	-0.756	-0.035	-0.341	4.9E-6	-4.9E-6	1.1E-3	-1.2E-3	7.6E-4	-6.7E-4
216	0.880	-0.879	0.747	-0.756	-0.024	-0.345	5.5E-6	-5.5E-6	1.2E-3	-1.2E-3	7.4E-4	-6.9E-4
217	0.464	-0.466	0.521	-0.521	0.057	-0.396	5.3E-4	-5.7E-4	8.5E-4	-9.7E-4	7.9E-4	-8.0E-4
218	0.395	-0.396	0.522	-0.522	0.011	-0.354	5.4E-4	-5.7E-4	9.5E-4	-1.0E-3	6.8E-4	-6.9E-4
219	0.347	-0.347	0.521	-0.522	-0.024	-0.322	5.4E-4	-5.7E-4	1.0E-3	-1.1E-3	4.8E-4	-5.0E-4
220	0.361	-0.361	0.519	-0.521	-0.029	-0.319	5.5E-4	-5.7E-4	1.1E-3	-1.1E-3	4.6E-4	-4.7E-4
221	0.391	-0.390	0.517	-0.519	-0.013	-0.337	5.7E-4	-5.8E-4	1.1E-3	-1.1E-3	4.7E-4	-4.7E-4
222	0.701	-0.669	0.691	-0.697	0.111	-0.453	2.6E-6	-2.6E-6	5.8E-4	-7.2E-4	6.5E-4	-6.2E-4
223	0.642	-0.621	0.634	-0.638	0.109	-0.450	9.2E-7	-9.2E-7	6.5E-4	-7.8E-4	6.7E-4	-6.5E-4
224	0.576	-0.567	0.577	-0.579	0.107	-0.445	4.9E-7	-4.9E-7	7.1E-4	-8.3E-4	7.0E-4	-7.0E-4
225	0.947	-0.941	1.321	-1.275	0.048	-0.403	6.7E-7	-6.7E-7	1.7E-3	-1.6E-3	7.7E-4	-6.6E-4
226	0.906	-0.890	1.321	-1.275	0.042	-0.412	3.6E-6	-3.6E-6	1.7E-3	-1.6E-3	7.6E-4	-6.7E-4
227	0.865	-0.840	1.321	-1.274	0.046	-0.429	2.6E-6	-2.6E-6	1.6E-3	-1.6E-3	7.6E-4	-6.7E-4
228	0.824	-0.790	1.321	-1.274	0.070	-0.468	6.3E-6	-6.3E-6	1.4E-3	-1.5E-3	7.6E-4	-6.7E-4
229	0.783	-0.742	1.321	-1.274	0.095	-0.507	7.1E-6	-7.1E-6	1.2E-3	-1.3E-3	7.5E-4	-6.8E-4
230	0.753	-0.705	1.321	-1.274	0.121	-0.547	1.4E-6	-1.4E-6	9.8E-4	-1.1E-3	7.4E-4	-6.9E-4
231	0.763	-0.712	1.322	-1.274	0.152	-0.592	3.7E-6	-3.7E-6	7.0E-4	-8.3E-4	7.2E-4	-7.1E-4
232	0.240	-0.242	1.005	-1.008	0.047	-0.393	7.8E-4	-6.2E-4	1.3E-3	-1.6E-3	9.4E-4	-9.6E-4
233	0.174	-0.178	1.008	-1.011	0.042	-0.403	7.6E-4	-6.1E-4	1.4E-3	-1.7E-3	5.3E-4	-5.3E-4
234	0.152	-0.156	1.011	-1.014	0.044	-0.419	7.4E-4	-6.0E-4	1.4E-3	-1.6E-3	2.6E-4	-2.6E-4
235	0.174	-0.177	1.013	-1.015	0.069	-0.459	7.3E-4	-5.9E-4	1.3E-3	-1.5E-3	4.7E-4	-4.6E-4
236	0.235	-0.238	1.013	-1.015	0.094	-0.498	7.3E-4	-5.9E-4	1.2E-3	-1.4E-3	8.7E-4	-8.7E-4
237	0.340	-0.342	1.013	-1.015	0.122	-0.539	7.4E-4	-6.0E-4	9.8E-4	-1.2E-3	1.2E-3	-1.2E-3
238	0.468	-0.470	1.011	-1.013	0.152	-0.583	7.6E-4	-6.2E-4	7.3E-4	-9.2E-4	1.4E-3	-1.4E-3
239	0.731	-0.691	1.244	-1.209	0.217	-0.669	8.9E-4	-7.5E-4	3.6E-4	-5.0E-4	8.6E-4	-8.7E-4
240	0.685	-0.658	1.168	-1.144	0.217	-0.667	8.7E-4	-7.3E-4	4.9E-4	-6.4E-4	1.2E-3	-1.2E-3
241	0.635	-0.622	1.089	-1.078	0.217	-0.665	9.8E-4	-8.3E-4	4.5E-4	-6.2E-4	1.6E-3	-1.6E-3

RELAZIONE DI CALCOLO -

242	0.694	-0.710	0.709	-0.719	0.171	-0.487	7.0E-4	-7.7E-4	6.3E-4	-5.6E-4	6.5E-4	-6.6E-4
243	0.651	-0.662	0.649	-0.653	0.171	-0.487	7.0E-4	-7.5E-4	5.8E-4	-5.1E-4	6.7E-4	-6.8E-4
244	0.606	-0.611	0.588	-0.587	0.170	-0.484	7.4E-4	-8.0E-4	6.9E-4	-6.2E-4	7.8E-4	-7.9E-4
245	0.726	-0.692	0.691	-0.697	0.158	-0.497	6.6E-4	-6.9E-4	4.5E-4	-6.0E-4	6.7E-4	-6.7E-4
246	0.682	-0.661	0.635	-0.638	0.157	-0.495	6.5E-4	-6.7E-4	4.0E-4	-5.4E-4	7.1E-4	-7.2E-4
247	0.635	-0.626	0.578	-0.579	0.156	-0.493	7.0E-4	-7.3E-4	5.3E-4	-6.6E-4	8.6E-4	-8.7E-4
248	0.734	-0.759	1.239	-1.239	0.275	-0.641	8.3E-4	-8.4E-4	5.0E-6	-5.0E-6	7.2E-4	-7.1E-4
249	0.734	-0.759	1.092	-1.097	0.230	-0.582	1.1E-3	-1.1E-3	1.8E-6	-1.8E-6	7.3E-4	-7.0E-4
250	0.734	-0.758	1.003	-1.012	0.204	-0.546	9.3E-4	-9.7E-4	5.1E-6	-5.1E-6	7.3E-4	-7.0E-4
251	0.735	-0.758	0.951	-0.963	0.193	-0.530	8.6E-4	-9.1E-4	7.0E-6	-7.0E-6	7.3E-4	-7.0E-4
252	0.735	-0.758	0.899	-0.913	0.183	-0.515	7.5E-4	-8.1E-4	2.1E-7	-2.1E-7	7.3E-4	-7.0E-4
253	0.557	-0.558	0.786	-0.786	0.269	-0.626	1.1E-3	-1.1E-3	6.2E-4	-5.1E-4	2.3E-3	-2.3E-3
254	0.559	-0.560	0.424	-0.423	0.226	-0.564	1.3E-3	-1.4E-3	3.7E-4	-3.1E-4	1.4E-3	-1.4E-3
255	0.562	-0.563	0.311	-0.309	0.198	-0.531	1.4E-3	-1.5E-3	4.8E-4	-4.5E-4	6.5E-4	-6.6E-4
256	0.563	-0.563	0.329	-0.326	0.190	-0.520	1.4E-3	-1.4E-3	5.3E-4	-4.7E-4	7.9E-4	-8.0E-4
257	0.563	-0.563	0.379	-0.375	0.184	-0.509	1.2E-3	-1.3E-3	5.2E-4	-4.6E-4	9.1E-4	-9.2E-4
258	0.694	-0.710	0.770	-0.780	0.177	-0.502	1.1E-3	-1.1E-3	5.6E-7	-5.6E-7	6.5E-4	-6.5E-4
259	0.650	-0.661	0.667	-0.672	0.178	-0.501	1.3E-3	-1.4E-3	5.3E-6	-5.3E-6	7.2E-4	-7.2E-4
260	0.606	-0.612	0.551	-0.550	0.178	-0.500	1.4E-3	-1.4E-3	3.3E-6	-3.3E-6	8.6E-4	-8.6E-4
261	0.735	-0.758	0.808	-0.824	0.174	-0.495	7.3E-4	-8.1E-4	1.1E-5	-1.1E-5	7.1E-4	-7.1E-4
262	0.562	-0.562	0.494	-0.489	0.174	-0.491	9.0E-4	-9.3E-4	5.1E-4	-4.6E-4	9.8E-4	-9.8E-4
263	0.770	-0.722	0.880	-0.882	0.143	-0.515	1.2E-3	-1.2E-3	3.0E-6	-3.0E-6	6.7E-4	-7.5E-4
264	0.770	-0.722	0.940	-0.934	0.148	-0.532	1.4E-3	-1.4E-3	3.0E-6	-3.0E-6	6.7E-4	-7.6E-4
265	0.771	-0.722	0.999	-0.986	0.154	-0.550	1.5E-3	-1.4E-3	2.4E-6	-2.4E-6	6.6E-4	-7.7E-4
266	0.771	-0.722	1.146	-1.111	0.176	-0.599	1.5E-3	-1.4E-3	2.4E-7	-2.4E-7	6.6E-4	-7.6E-4
267	0.772	-0.721	1.258	-1.213	0.197	-0.639	1.1E-3	-9.6E-4	5.3E-7	-5.3E-7	6.9E-4	-7.3E-4
268	0.593	-0.595	0.369	-0.369	0.150	-0.514	1.1E-3	-1.1E-3	3.5E-4	-4.9E-4	9.7E-4	-9.7E-4
269	0.592	-0.595	0.313	-0.313	0.150	-0.525	1.2E-3	-1.2E-3	3.5E-4	-4.8E-4	8.3E-4	-8.3E-4
270	0.592	-0.594	0.302	-0.301	0.152	-0.536	1.3E-3	-1.2E-3	2.8E-4	-3.8E-4	6.5E-4	-6.5E-4
271	0.588	-0.590	0.448	-0.448	0.171	-0.570	1.2E-3	-1.1E-3	1.8E-4	-3.0E-4	1.6E-3	-1.6E-3
272	0.585	-0.588	0.825	-0.826	0.202	-0.632	1.0E-3	-8.9E-4	3.7E-4	-5.6E-4	2.3E-3	-2.3E-3
273	0.726	-0.692	0.734	-0.737	0.148	-0.506	1.0E-3	-1.1E-3	6.0E-6	-6.0E-6	7.0E-4	-7.4E-4
274	0.681	-0.660	0.637	-0.638	0.151	-0.506	1.2E-3	-1.3E-3	5.9E-6	-5.9E-6	7.8E-4	-8.1E-4
275	0.636	-0.627	0.534	-0.534	0.152	-0.506	1.2E-3	-1.3E-3	3.3E-6	-3.3E-6	9.2E-4	-9.3E-4
276	0.770	-0.722	0.781	-0.790	0.152	-0.500	7.6E-4	-8.1E-4	6.5E-6	-6.5E-6	7.1E-4	-7.2E-4
277	0.591	-0.594	0.491	-0.490	0.154	-0.498	8.1E-4	-8.0E-4	3.5E-4	-5.0E-4	1.0E-3	-1.0E-3
278	1.474	-1.467	1.507	-1.514	0.150	-0.527	6.1E-4	-6.2E-4	8.0E-6	-8.0E-6	9.1E-4	-7.9E-4
279	1.474	-1.467	1.385	-1.413	0.149	-0.527	5.7E-4	-5.6E-4	6.9E-6	-6.9E-6	9.2E-4	-7.7E-4
280	1.474	-1.467	1.309	-1.350	0.162	-0.541	5.2E-4	-4.7E-4	6.1E-6	-6.1E-6	9.1E-4	-7.9E-4
281	1.369	-1.365	1.469	-1.470	0.182	-0.555	8.7E-4	-8.7E-4	1.2E-3	-1.2E-3	7.2E-4	-7.5E-4
282	1.250	-1.248	1.386	-1.387	0.191	-0.563	9.6E-4	-9.5E-4	1.4E-3	-1.4E-3	6.1E-4	-6.4E-4
283	1.410	-1.406	1.194	-1.240	0.200	-0.580	6.3E-4	-4.6E-4	1.8E-3	-1.2E-3	7.3E-4	-7.1E-4
284	1.336	-1.331	1.141	-1.187	0.215	-0.595	7.6E-4	-9.0E-4	4.1E-4	-8.7E-4	7.2E-4	-7.0E-4
285	1.253	-1.247	1.077	-1.121	0.229	-0.609	8.9E-4	-7.7E-4	2.0E-3	-1.4E-3	7.2E-4	-7.1E-4
286	1.344	-1.346	1.582	-1.583	0.088	-0.464	7.1E-6	-7.1E-6	4.1E-4	-5.1E-4	8.0E-4	-8.9E-4
287	1.410	-1.406	1.582	-1.583	0.125	-0.501	6.4E-6	-6.4E-6	3.5E-4	-4.0E-4	8.1E-4	-8.8E-4
288	1.235	-1.248	1.515	-1.516	0.049	-0.425	1.0E-6	-1.0E-6	6.5E-4	-5.2E-4	7.6E-4	-7.9E-4
289	1.183	-1.187	1.446	-1.446	0.050	-0.424	4.2E-6	-4.2E-6	9.1E-4	-8.4E-4	6.8E-4	-7.1E-4
290	1.103	-1.100	1.374	-1.375	0.050	-0.423	8.2E-6	-8.2E-6	1.3E-3	-1.2E-3	6.5E-4	-6.8E-4
291	1.404	-1.395	1.237	-1.283	0.135	-0.517	6.5E-6	-6.5E-6	5.2E-4	-5.2E-4	8.4E-4	-8.5E-4
292	1.330	-1.328	1.237	-1.283	0.087	-0.469	5.8E-6	-5.8E-6	3.8E-4	-4.3E-4	7.8E-4	-9.1E-4
293	1.227	-1.228	1.193	-1.238	0.024	-0.432	7.7E-6	-7.7E-6	8.2E-4	-8.7E-4	6.5E-4	-6.9E-4
294	1.148	-1.151	1.140	-1.184	0.005	-0.411	4.5E-6	-4.5E-6	1.1E-3	-1.2E-3	8.0E-4	-8.4E-4
295	1.045	-1.051	1.077	-1.118	-0.016	-0.389	1.9E-7	-1.9E-7	1.4E-3	-1.5E-3	1.1E-3	-1.2E-3
296	1.471	-1.470	1.316	-1.276	0.289	-0.605	2.1E-3	-1.9E-3	5.1E-6	-5.1E-6	7.8E-4	-9.1E-4
297	1.471	-1.470	1.396	-1.342	0.243	-0.557	2.2E-3	-2.1E-3	3.1E-6	-3.1E-6	7.5E-4	-9.4E-4
298	1.471	-1.470	1.526	-1.445	0.221	-0.534	2.3E-3	-2.2E-3	2.2E-5	-2.2E-5	7.7E-4	-9.2E-4
299	1.400	-1.396	1.177	-1.157	0.332	-0.651	3.7E-4	-1.4E-5	1.2E-3	-1.8E-3	1.0E-3	-1.1E-3
300	1.326	-1.322	1.126	-1.115	0.332	-0.650	8.8E-4	-9.4E-4	8.2E-4	-2.9E-4	8.2E-4	-8.9E-4
301	1.247	-1.244	1.067	-1.065	0.339	-0.657	6.6E-4	-3.6E-4	1.4E-3	-2.0E-3	6.7E-4	-7.3E-4
302	1.349	-1.346	1.483	-1.412	0.226	-0.536	9.1E-4	-7.6E-4	1.0E-3	-1.0E-3	9.3E-4	-9.6E-4
303	1.257	-1.251	1.402	-1.344	0.223	-0.532	8.7E-4	-7.2E-4	1.1E-3	-1.0E-3	6.5E-4	-7.0E-4
304	1.329	-1.329	1.249	-1.219	0.151	-0.492	6.0E-5	-5.4E-5	7.8E-4	-7.0E-4	8.6E-4	-8.4E-4
305	1.399	-1.401	1.244	-1.214	0.237	-0.566	8.8E-5	-9.9E-5	1.1E-3	-1.3E-3	8.6E-4	-8.3E-4
306	1.221	-1.225	1.197	-1.177	0.081	-0.432	7.9E-5	-7.2E-5	1.0E-3	-9.3E-4	6.3E-4	-6.8E-4
307	1.141	-1.140	1.141	-1.130	0.076	-0.422	8.7E-5	-8.4E-5	1.1E-3	-1.1E-3	7.8E-4	-7.8E-4
308	1.044	-1.040	1.083	-1.078	0.064	-0.405	1.1E-4	-1.0E-4	1.4E-3	-1.3E-3	1.2E-3	-1.1E-3
309	1.408	-1.407	1.610	-1.520	0.157	-0.480	9.0E-6	-9.0E-6	9.6E-4	-9.4E-4	8.6E-4	-8.3E-4
310	1.347	-1.344	1.610	-1.520	0.089	-0.424	8.3E-6	-8.3E-6	6.9E-4	-6.8E-4	8.6E-4	-8.3E-4
311	1.234	-1.230	1.536	-1.457	0.065	-0.410	5.1E-8	-5.1E-8	4.5E-4	-5.4E-4	7.4E-4	-7.3E-4
312	1.181	-1.182	1.463	-1.395	0.066	-0.410	4.8E-6	-4.8E-6	7.7E-4	-8.2E-4	6.6E-4	-6.5E-4
313	1.104	-1.110	1.391	-1.335	0.067	-0.409	2.1E-6	-2.1E-6	1.1E-3	-1.2E-3	6.6E-4	-6.5E-4

314	1.223	-1.226	0.957	-0.993	-0.050	-0.429	4.2E-6	-4.2E-6	6.1E-4	-6.1E-4	8.5E-4	-8.4E-4
315	1.233	-1.231	0.914	-0.944	-0.013	-0.417	7.5E-6	-7.5E-6	8.1E-4	-8.3E-4	8.8E-4	-9.2E-4
316	1.164	-1.164	0.868	-0.893	-0.004	-0.397	9.4E-6	-9.4E-6	9.2E-4	-9.5E-4	9.1E-4	-9.0E-4
317	1.080	-1.083	0.820	-0.840	0.002	-0.378	9.0E-6	-9.0E-6	1.1E-3	-1.2E-3	6.4E-4	-6.0E-4
318	1.119	-1.123	0.915	-0.944	-0.072	-0.404	5.8E-4	-6.4E-4	8.1E-4	-7.9E-4	7.7E-4	-8.4E-4
319	1.058	-1.060	0.868	-0.893	-0.069	-0.386	6.1E-4	-6.8E-4	8.3E-4	-8.3E-4	7.2E-4	-7.8E-4
320	0.994	-0.997	0.820	-0.839	-0.065	-0.367	6.4E-4	-7.0E-4	7.9E-4	-7.8E-4	7.1E-4	-7.5E-4
321	1.222	-1.227	0.929	-0.947	0.008	-0.427	1.0E-5	-1.0E-5	5.7E-4	-5.6E-4	8.5E-4	-8.4E-4
322	1.119	-1.123	0.885	-0.900	-0.021	-0.404	5.8E-4	-6.1E-4	8.2E-4	-8.1E-4	8.0E-4	-8.1E-4
323	1.058	-1.060	0.840	-0.852	-0.017	-0.385	5.9E-4	-6.1E-4	8.2E-4	-8.1E-4	7.4E-4	-7.5E-4
324	0.995	-0.997	0.794	-0.804	-0.012	-0.367	5.9E-4	-6.2E-4	8.0E-4	-7.9E-4	7.2E-4	-7.3E-4
325	1.236	-1.239	0.884	-0.898	0.052	-0.422	5.3E-6	-5.3E-6	9.0E-4	-8.8E-4	9.5E-4	-9.5E-4
326	1.163	-1.164	0.839	-0.852	0.057	-0.424	9.7E-6	-9.7E-6	1.0E-3	-9.9E-4	9.0E-4	-9.1E-4
327	1.076	-1.075	0.793	-0.805	0.060	-0.425	6.5E-6	-6.5E-6	1.3E-3	-1.2E-3	6.1E-4	-6.4E-4
328	0.880	-0.921	1.583	-1.582	0.233	-0.609	5.3E-6	-5.3E-6	4.1E-4	-3.7E-4	8.2E-4	-8.7E-4
329	0.905	-0.940	1.583	-1.582	0.175	-0.551	9.0E-6	-9.0E-6	2.9E-4	-2.8E-4	8.1E-4	-8.8E-4
330	0.963	-0.992	1.583	-1.582	0.122	-0.498	2.2E-6	-2.2E-6	2.5E-4	-2.5E-4	8.1E-4	-8.8E-4
331	1.023	-1.044	1.583	-1.582	0.072	-0.448	1.0E-6	-1.0E-6	2.2E-4	-2.4E-4	8.1E-4	-8.8E-4
332	1.083	-1.097	1.583	-1.582	0.041	-0.417	4.6E-6	-4.6E-6	2.1E-4	-2.4E-4	8.1E-4	-8.8E-4
333	1.143	-1.151	1.583	-1.582	0.025	-0.411	6.2E-6	-6.2E-6	2.4E-4	-2.8E-4	8.2E-4	-8.7E-4
334	1.202	-1.206	1.582	-1.582	0.025	-0.407	4.9E-6	-4.9E-6	3.2E-4	-4.0E-4	8.3E-4	-8.6E-4
335	0.848	-0.887	1.502	-1.501	0.302	-0.677	3.7E-4	-3.8E-4	6.2E-4	-5.6E-4	1.1E-3	-1.1E-3
336	0.811	-0.846	1.437	-1.436	0.299	-0.673	1.1E-3	-1.1E-3	6.1E-4	-5.5E-4	9.6E-4	-9.5E-4
337	0.773	-0.803	1.368	-1.367	0.298	-0.671	7.2E-4	-7.2E-4	6.6E-4	-6.0E-4	8.1E-4	-8.0E-4
338	1.176	-1.180	0.895	-0.919	-0.064	-0.421	5.5E-4	-5.9E-4	1.7E-6	-1.7E-6	7.6E-4	-9.3E-4
339	1.119	-1.130	0.957	-0.993	-0.102	-0.416	2.1E-6	-2.1E-6	4.9E-4	-4.9E-4	8.1E-4	-8.8E-4
340	1.062	-1.080	0.958	-0.993	-0.100	-0.408	6.8E-7	-6.8E-7	3.3E-4	-3.2E-4	8.0E-4	-8.9E-4
341	1.005	-1.031	0.958	-0.993	-0.091	-0.401	3.9E-6	-3.9E-6	3.0E-4	-2.7E-4	8.0E-4	-8.9E-4
342	0.949	-0.982	0.958	-0.992	-0.030	-0.394	4.4E-6	-4.4E-6	3.2E-4	-2.8E-4	8.1E-4	-8.8E-4
343	0.894	-0.933	0.958	-0.992	0.036	-0.388	6.5E-6	-6.5E-6	3.7E-4	-3.2E-4	8.2E-4	-8.7E-4
344	0.858	-0.895	0.908	-0.938	0.105	-0.434	9.7E-7	-9.7E-7	4.8E-4	-4.3E-4	9.0E-4	-9.3E-4
345	0.826	-0.858	0.861	-0.886	0.104	-0.432	5.3E-6	-5.3E-6	7.1E-4	-6.4E-4	7.8E-4	-8.2E-4
346	0.779	-0.806	0.815	-0.835	0.105	-0.431	5.0E-6	-5.0E-6	9.1E-4	-8.4E-4	7.6E-4	-7.9E-4
347	0.955	-0.873	0.930	-0.947	0.059	-0.413	6.3E-6	-6.3E-6	2.0E-4	-3.4E-4	9.4E-4	-7.6E-4
348	0.998	-0.933	0.930	-0.947	0.015	-0.404	7.8E-6	-7.8E-6	2.3E-4	-3.7E-4	9.4E-4	-7.5E-4
349	1.040	-0.996	0.930	-0.947	-0.023	-0.408	4.5E-6	-4.5E-6	2.6E-4	-3.8E-4	9.6E-4	-7.3E-4
350	1.083	-1.059	0.930	-0.947	-0.037	-0.413	2.1E-6	-2.1E-6	3.1E-4	-4.0E-4	9.5E-4	-7.4E-4
351	1.128	-1.121	0.930	-0.947	-0.036	-0.417	4.4E-6	-4.4E-6	4.6E-4	-5.2E-4	9.3E-4	-7.7E-4
352	0.925	-0.843	0.888	-0.903	0.109	-0.460	1.4E-6	-1.4E-6	3.6E-4	-5.0E-4	8.4E-4	-7.2E-4
353	0.883	-0.813	0.843	-0.855	0.114	-0.463	7.2E-6	-7.2E-6	6.2E-4	-7.8E-4	8.4E-4	-7.2E-4
354	0.823	-0.766	0.795	-0.806	0.115	-0.462	3.2E-6	-3.2E-6	8.2E-4	-9.9E-4	8.3E-4	-7.3E-4
355	1.206	-1.203	1.611	-1.520	0.048	-0.408	6.7E-6	-6.7E-6	3.8E-4	-3.6E-4	9.0E-4	-8.0E-4
356	1.155	-1.139	1.611	-1.520	0.042	-0.416	2.4E-6	-2.4E-6	2.8E-4	-2.9E-4	9.2E-4	-7.7E-4
357	1.107	-1.073	1.611	-1.520	0.051	-0.439	7.8E-6	-7.8E-6	2.2E-4	-2.7E-4	9.5E-4	-7.5E-4
358	1.060	-1.007	1.611	-1.520	0.074	-0.476	2.8E-6	-2.8E-6	2.0E-4	-2.8E-4	9.4E-4	-7.5E-4
359	1.013	-0.943	1.611	-1.520	0.095	-0.511	3.1E-6	-3.1E-6	2.1E-4	-3.1E-4	9.3E-4	-7.7E-4
360	0.964	-0.880	1.611	-1.520	0.114	-0.545	1.4E-6	-1.4E-6	2.2E-4	-3.5E-4	9.0E-4	-7.9E-4
361	0.947	-0.855	1.611	-1.520	0.135	-0.580	5.4E-6	-5.4E-6	2.3E-4	-3.7E-4	8.7E-4	-8.2E-4
362	0.916	-0.833	1.544	-1.463	0.198	-0.656	1.0E-3	-8.7E-4	5.5E-4	-6.8E-4	8.3E-4	-8.6E-4
363	0.871	-0.798	1.471	-1.401	0.209	-0.666	8.9E-4	-7.5E-4	5.1E-4	-6.5E-4	8.1E-4	-8.3E-4
364	0.821	-0.759	1.397	-1.338	0.215	-0.670	1.0E-3	-8.8E-4	6.6E-4	-8.0E-4	7.6E-4	-7.8E-4
365	0.884	-0.928	1.516	-1.517	0.283	-0.653	2.5E-3	-2.5E-3	7.9E-6	-7.9E-6	8.6E-4	-8.3E-4
366	0.884	-0.928	1.449	-1.452	0.263	-0.628	2.5E-3	-2.5E-3	5.1E-6	-5.1E-6	8.7E-4	-8.2E-4
367	0.884	-0.928	1.336	-1.349	0.233	-0.589	2.5E-3	-2.6E-3	2.2E-6	-2.2E-6	8.9E-4	-8.1E-4
368	0.884	-0.928	1.231	-1.254	0.207	-0.553	2.3E-3	-2.4E-3	6.5E-6	-6.5E-6	8.8E-4	-8.1E-4
369	0.884	-0.928	1.169	-1.198	0.193	-0.534	2.3E-3	-2.3E-3	5.0E-7	-5.0E-7	8.7E-4	-8.2E-4
370	0.884	-0.927	1.108	-1.141	0.179	-0.516	2.2E-3	-2.2E-3	7.5E-6	-7.5E-6	8.8E-4	-8.1E-4
371	0.848	-0.886	0.941	-0.973	0.166	-0.498	8.7E-4	-9.2E-4	4.0E-6	-4.0E-6	8.0E-4	-7.6E-4
372	0.810	-0.844	0.901	-0.928	0.169	-0.498	2.0E-4	-2.7E-4	5.8E-6	-5.8E-6	7.9E-4	-7.5E-4
373	0.772	-0.801	0.884	-0.906	0.171	-0.499	2.5E-4	-3.2E-4	2.9E-6	-2.9E-6	7.6E-4	-7.3E-4
374	0.952	-0.860	1.093	-1.099	0.136	-0.517	4.0E-4	-3.9E-4	7.9E-6	-7.9E-6	7.6E-4	-9.3E-4
375	0.952	-0.860	1.178	-1.167	0.145	-0.539	4.4E-4	-4.1E-4	5.3E-6	-5.3E-6	7.5E-4	-9.4E-4
376	0.952	-0.860	1.264	-1.234	0.153	-0.561	5.0E-4	-4.5E-4	1.3E-7	-1.3E-7	7.4E-4	-9.5E-4
377	0.952	-0.860	1.400	-1.339	0.160	-0.589	5.9E-4	-5.1E-4	1.1E-6	-1.1E-6	7.5E-4	-9.5E-4
378	0.952	-0.860	1.532	-1.447	0.171	-0.618	6.1E-4	-4.9E-4	7.0E-6	-7.0E-6	7.9E-4	-9.0E-4
379	0.911	-0.831	0.986	-1.003	0.124	-0.491	4.0E-4	-4.1E-4	4.9E-7	-4.9E-7	7.6E-4	-8.8E-4
380	0.866	-0.796	0.953	-0.968	0.125	-0.490	5.6E-4	-6.1E-4	5.6E-7	-5.6E-7	7.3E-4	-8.4E-4
381	0.817	-0.758	0.896	-0.908	0.131	-0.493	9.1E-4	-9.6E-4	9.8E-7	-9.8E-7	7.2E-4	-8.1E-4
382	1.518	-1.510	1.599	-1.610	0.146	-0.508	8.0E-5	-7.8E-5	7.2E-7	-7.2E-7	9.2E-4	-8.3E-4
383	1.518	-1.510	1.529	-1.547	0.150	-0.512	1.5E-4	-1.4E-4	3.8E-6	-3.8E-6	9.2E-4	-8.2E-4
384	1.518	-1.510	1.458	-1.485	0.151	-0.514	1.5E-4	-1.3E-4	7.2E-6	-7.2E-6	9.3E-4	-8.2E-4
385	1.518	-1.510	1.387	-1.422	0.154	-0.517	1.1E-4	-4.7E-5	5.4E-6	-5.4E-6	9.2E-4	-8.3E-4

RELAZIONE DI CALCOLO -

386	1.509	-1.501	1.661	-1.665	0.139	-0.501	1.2E-4	-1.1E-4	1.2E-4	-1.3E-4	8.6E-4	-8.0E-4
387	1.497	-1.490	1.641	-1.645	0.145	-0.506	3.3E-4	-3.3E-4	1.4E-4	-1.5E-4	8.6E-4	-8.2E-4
388	1.485	-1.479	1.615	-1.619	0.154	-0.515	2.4E-4	-2.4E-4	1.1E-4	-1.2E-4	8.2E-4	-7.9E-4
389	1.512	-1.504	1.308	-1.353	0.158	-0.521	1.6E-4	-4.3E-5	2.4E-4	-8.0E-5	8.9E-4	-8.2E-4
390	1.504	-1.497	1.293	-1.339	0.163	-0.527	2.2E-4	-2.8E-4	2.5E-5	-2.9E-4	8.8E-4	-8.2E-4
391	1.492	-1.484	1.270	-1.318	0.174	-0.538	3.0E-4	-1.4E-4	6.5E-4	-2.2E-4	8.2E-4	-7.8E-4
392	1.394	-1.375	1.669	-1.673	0.094	-0.456	6.0E-6	-6.0E-6	-1.4E-5	-1.5E-4	9.3E-4	-8.2E-4
393	1.456	-1.442	1.670	-1.673	0.120	-0.482	5.7E-6	-5.7E-6	4.2E-5	-9.2E-5	9.1E-4	-8.4E-4
394	1.322	-1.318	1.647	-1.651	0.059	-0.420	4.8E-6	-4.8E-6	1.1E-4	-7.5E-5	8.7E-4	-8.8E-4
395	1.318	-1.312	1.617	-1.620	0.058	-0.418	6.5E-6	-6.5E-6	2.0E-4	-1.7E-4	8.7E-4	-8.8E-4
396	1.447	-1.434	1.316	-1.359	0.139	-0.504	2.2E-6	-2.2E-6	8.0E-5	-5.6E-5	9.0E-4	-8.5E-4
397	1.376	-1.359	1.316	-1.359	0.113	-0.481	4.4E-6	-4.4E-6	6.6E-5	-7.6E-5	9.0E-4	-8.5E-4
398	1.298	-1.283	1.293	-1.340	0.084	-0.463	3.9E-6	-3.9E-6	6.8E-5	-2.5E-4	9.6E-4	-9.1E-4
399	1.274	-1.273	1.269	-1.317	0.072	-0.440	7.5E-6	-7.5E-6	2.8E-4	-4.2E-4	9.6E-4	-1.0E-3
400	1.514	-1.514	1.613	-1.529	0.231	-0.527	2.6E-3	-2.5E-3	2.1E-6	-2.1E-6	8.0E-4	-9.5E-4
401	1.514	-1.514	1.535	-1.466	0.223	-0.520	2.5E-3	-2.4E-3	5.4E-6	-5.4E-6	7.7E-4	-9.7E-4
402	1.514	-1.514	1.457	-1.405	0.256	-0.555	2.5E-3	-2.4E-3	1.5E-5	-1.5E-5	7.8E-4	-9.7E-4
403	1.514	-1.514	1.380	-1.342	0.300	-0.599	2.5E-3	-2.4E-3	7.7E-6	-7.7E-6	8.0E-4	-9.5E-4
404	1.439	-1.443	1.313	-1.281	0.246	-0.558	5.4E-5	-4.2E-5	7.1E-4	-5.4E-4	8.9E-4	-8.6E-4
405	1.367	-1.368	1.321	-1.283	0.160	-0.483	3.1E-5	-3.2E-5	4.0E-4	-4.1E-4	9.0E-4	-8.5E-4
406	1.385	-1.385	1.690	-1.592	0.098	-0.416	6.0E-6	-6.0E-6	4.6E-4	-4.2E-4	8.7E-4	-8.8E-4
407	1.449	-1.449	1.688	-1.593	0.167	-0.473	9.8E-6	-9.8E-6	7.8E-4	-7.7E-4	8.9E-4	-8.6E-4
408	1.270	-1.249	1.017	-1.069	-0.017	-0.455	2.7E-6	-2.7E-6	5.6E-5	-1.5E-4	8.2E-4	-9.3E-4
409	1.341	-1.314	1.008	-1.054	-0.036	-0.444	5.6E-6	-5.6E-6	4.3E-5	-3.2E-4	8.1E-4	-1.0E-3
410	1.321	-1.318	0.988	-1.027	-0.029	-0.422	3.5E-6	-3.5E-6	1.6E-4	-3.8E-4	8.6E-4	-8.4E-4
411	1.218	-1.215	1.006	-1.049	-0.037	-0.426	1.3E-6	-1.3E-6	1.1E-5	-1.2E-4	8.6E-4	-9.6E-4
412	1.210	-1.213	0.985	-1.023	-0.055	-0.408	3.2E-6	-3.2E-6	1.7E-4	-2.2E-4	8.5E-4	-9.1E-4
413	1.258	-1.261	0.992	-1.011	0.015	-0.419	7.7E-6	-7.7E-6	1.1E-4	-1.1E-4	8.9E-4	-8.6E-4
414	1.205	-1.205	0.963	-0.980	-0.014	-0.404	9.9E-8	-9.9E-8	1.4E-4	-2.0E-4	9.3E-4	-8.4E-4
415	0.899	-0.938	1.670	-1.673	0.250	-0.606	6.9E-6	-6.9E-6	2.7E-4	-2.3E-4	8.5E-4	-9.0E-4
416	0.914	-0.948	1.670	-1.673	0.196	-0.553	5.7E-6	-5.7E-6	1.8E-4	-1.7E-4	8.4E-4	-9.1E-4
417	0.968	-0.996	1.670	-1.673	0.146	-0.503	5.4E-6	-5.4E-6	1.2E-4	-1.2E-4	8.3E-4	-9.1E-4
418	1.024	-1.044	1.670	-1.673	0.099	-0.457	5.8E-6	-5.8E-6	7.5E-5	-9.8E-5	8.3E-4	-9.2E-4
419	1.080	-1.092	1.669	-1.673	0.057	-0.422	6.9E-6	-6.9E-6	5.3E-5	-1.1E-4	8.3E-4	-9.2E-4
420	1.137	-1.140	1.669	-1.673	0.041	-0.426	6.5E-6	-6.5E-6	4.6E-5	-1.2E-4	8.3E-4	-9.1E-4
421	1.193	-1.189	1.669	-1.674	0.033	-0.430	2.2E-6	-2.2E-6	5.7E-5	-1.1E-4	8.5E-4	-9.0E-4
422	1.251	-1.240	1.669	-1.674	0.032	-0.434	3.9E-6	-3.9E-6	1.7E-5	-1.8E-4	8.4E-4	-9.1E-4
423	1.153	-1.157	1.020	-1.067	-0.023	-0.431	1.0E-6	-1.0E-6	2.1E-6	-8.6E-5	8.1E-4	-9.3E-4
424	1.091	-1.107	1.022	-1.065	-0.027	-0.418	2.4E-6	-2.4E-6	1.1E-5	-4.2E-5	8.2E-4	-9.3E-4
425	1.031	-1.057	1.023	-1.064	-0.032	-0.406	1.5E-6	-1.5E-6	5.2E-5	-4.7E-5	8.2E-4	-9.3E-4
426	0.972	-1.006	1.024	-1.063	-0.025	-0.394	2.8E-6	-2.8E-6	7.9E-5	-5.2E-5	8.3E-4	-9.2E-4
427	0.914	-0.955	1.025	-1.062	0.042	-0.381	5.2E-6	-5.2E-6	1.7E-4	-1.1E-4	8.4E-4	-9.1E-4
428	1.165	-1.144	0.993	-1.010	-0.029	-0.424	1.7E-6	-1.7E-6	-3.4E-5	-9.6E-5	9.8E-4	-7.7E-4
429	1.122	-1.076	0.993	-1.010	-0.026	-0.428	4.9E-6	-4.9E-6	-4.7E-5	-1.3E-4	1.0E-3	-7.5E-4
430	1.081	-1.006	0.993	-1.010	-0.011	-0.433	4.6E-6	-4.6E-6	-3.8E-5	-1.5E-4	1.0E-3	-7.5E-4
431	1.040	-0.938	0.993	-1.009	0.029	-0.437	3.1E-6	-3.1E-6	-3.6E-5	-1.6E-4	9.7E-4	-7.7E-4
432	0.997	-0.873	0.994	-1.009	0.068	-0.442	4.0E-6	-4.0E-6	-4.8E-5	-1.8E-4	9.4E-4	-8.1E-4
433	0.977	-0.857	0.985	-1.000	0.099	-0.439	1.4E-6	-1.4E-6	8.2E-6	-1.7E-4	9.2E-4	-9.0E-4
434	0.971	-0.863	0.970	-0.985	0.099	-0.438	4.3E-6	-4.3E-6	-2.5E-5	-1.2E-4	9.6E-4	-9.2E-4
435	0.959	-0.862	0.951	-0.965	0.101	-0.439	3.5E-6	-3.5E-6	5.4E-5	-1.7E-4	9.6E-4	-9.2E-4
436	0.985	-0.852	1.708	-1.574	0.136	-0.565	2.0E-6	-2.0E-6	-4.3E-5	-1.3E-4	8.8E-4	-8.7E-4
437	0.992	-0.870	1.706	-1.576	0.124	-0.540	3.7E-6	-3.7E-6	-3.1E-5	-1.3E-4	9.3E-4	-8.2E-4
438	1.035	-0.930	1.704	-1.578	0.112	-0.516	7.9E-6	-7.9E-6	-1.6E-5	-1.3E-4	9.6E-4	-7.9E-4
439	1.075	-0.992	1.702	-1.580	0.096	-0.487	7.6E-6	-7.6E-6	-2.9E-5	-1.0E-4	9.9E-4	-7.6E-4
440	1.115	-1.057	1.699	-1.582	0.077	-0.456	9.4E-6	-9.4E-6	-4.0E-5	-8.8E-5	1.0E-3	-7.5E-4
441	1.155	-1.122	1.697	-1.584	0.056	-0.427	3.0E-6	-3.0E-6	1.8E-5	-8.2E-5	1.0E-3	-7.5E-4
442	1.197	-1.186	1.695	-1.587	0.053	-0.410	2.6E-6	-2.6E-6	8.7E-5	-1.0E-4	9.8E-4	-7.7E-4
443	1.244	-1.248	1.693	-1.589	0.058	-0.400	7.4E-6	-7.4E-6	1.5E-4	-1.1E-4	9.4E-4	-8.1E-4
444	0.981	-0.859	1.697	-1.571	0.153	-0.594	1.4E-4	1.3E-6	-4.2E-5	-1.0E-4	8.5E-4	-9.1E-4
445	0.973	-0.862	1.675	-1.562	0.160	-0.600	3.6E-4	-2.3E-4	6.7E-6	-1.3E-4	8.7E-4	-9.2E-4
446	0.964	-0.865	1.646	-1.546	0.172	-0.612	2.4E-4	-1.0E-4	-3.1E-5	-1.0E-4	8.7E-4	-9.1E-4
447	0.979	-0.857	0.986	-1.001	0.125	-0.464	1.2E-4	-1.2E-4	2.7E-6	-1.4E-4	8.6E-4	-9.0E-4
448	0.969	-0.858	0.971	-0.986	0.127	-0.466	2.2E-4	-2.2E-4	-6.7E-6	-1.2E-4	9.3E-4	-9.4E-4
449	0.958	-0.859	0.951	-0.965	0.129	-0.468	2.3E-4	-2.4E-4	-5.8E-6	-1.2E-4	9.1E-4	-9.2E-4
450	0.902	-0.943	1.593	-1.597	0.289	-0.639	3.1E-3	-3.1E-3	2.3E-7	-2.3E-7	8.9E-4	-8.6E-4
451	0.902	-0.943	1.515	-1.522	0.268	-0.613	2.8E-3	-2.8E-3	2.1E-6	-2.1E-6	9.0E-4	-8.5E-4
452	0.901	-0.943	1.436	-1.449	0.247	-0.587	2.8E-3	-2.8E-3	4.2E-6	-4.2E-6	9.1E-4	-8.4E-4
453	0.901	-0.943	1.357	-1.376	0.227	-0.560	2.7E-3	-2.8E-3	2.2E-6	-2.2E-6	9.1E-4	-8.4E-4
454	0.901	-0.943	1.277	-1.303	0.209	-0.535	2.5E-3	-2.6E-3	4.2E-6	-4.2E-6	9.0E-4	-8.4E-4
455	0.902	-0.943	1.198	-1.229	0.192	-0.512	2.9E-3	-2.9E-3	1.0E-6	-1.0E-6	8.9E-4	-8.6E-4
456	0.989	-0.855	1.163	-1.161	0.143	-0.511	2.0E-4	-2.2E-4	3.7E-6	-3.7E-6	7.7E-4	-8.8E-4
457	0.989	-0.855	1.254	-1.229	0.151	-0.531	3.2E-4	-3.0E-4	8.2E-6	-8.2E-6	7.5E-4	-1.0E-3

RELAZIONE DI CALCOLO -

458	0.989	-0.855	1.347	-1.296	0.157	-0.550	3.7E-4	-3.2E-4	7.0E-6	-7.0E-6	7.3E-4	-1.0E-3
459	0.989	-0.855	1.441	-1.362	0.162	-0.567	3.7E-4	-2.9E-4	4.0E-6	-4.0E-6	7.3E-4	-1.0E-3
460	0.989	-0.856	1.533	-1.429	0.164	-0.581	3.2E-4	-2.2E-4	3.3E-6	-3.3E-6	7.5E-4	-1.0E-3
461	0.989	-0.856	1.624	-1.498	0.161	-0.590	1.8E-4	-5.2E-5	2.4E-6	-2.4E-6	7.8E-4	-9.6E-4
462	0.980	-0.858	1.079	-1.087	0.135	-0.490	6.4E-5	-7.3E-5	8.7E-6	-8.7E-6	8.9E-4	-9.7E-4
463	0.970	-0.859	1.072	-1.081	0.136	-0.490	2.1E-4	-2.0E-4	4.2E-6	-4.2E-6	9.2E-4	-1.0E-3
464	0.959	-0.860	1.047	-1.057	0.136	-0.489	3.7E-4	-3.4E-4	3.6E-6	-3.6E-6	8.6E-4	-9.2E-4
465	0.989	-0.855	1.032	-1.045	0.130	-0.477	3.2E-5	-4.6E-5	2.4E-6	-2.4E-6	8.6E-4	-8.9E-4
466	0.952	-0.860	0.967	-0.984	0.124	-0.486	2.9E-4	-2.8E-4	1.0E-5	-1.0E-5	8.5E-4	-8.5E-4
467	0.875	-0.886	1.019	-1.020	0.206	-0.570	1.0E-3	-1.0E-3	6.1E-6	-6.1E-6	1.8E-3	-1.8E-3
468	1.027	-1.034	1.108	-1.108	0.208	-0.576	8.6E-4	-8.7E-4	1.4E-6	-1.4E-6	1.6E-3	-1.6E-3
469	1.144	-1.145	1.199	-1.201	0.195	-0.565	1.1E-3	-1.1E-3	1.5E-5	-1.5E-5	9.7E-4	-9.5E-4
470	1.147	-1.148	1.155	-1.160	0.176	-0.547	1.2E-3	-1.2E-3	5.5E-6	-5.5E-6	7.2E-4	-6.1E-4
471	1.122	-1.122	1.115	-1.127	0.161	-0.532	1.2E-3	-1.2E-3	8.5E-6	-8.5E-6	7.4E-4	-6.2E-4
472	1.000	-1.004	0.996	-1.005	0.159	-0.526	1.4E-3	-1.4E-3	2.9E-6	-2.9E-6	7.7E-4	-7.1E-4
473	0.888	-0.895	0.868	-0.874	0.161	-0.525	1.4E-3	-1.4E-3	5.3E-6	-5.3E-6	9.3E-4	-9.2E-4
474	0.886	-0.893	0.784	-0.790	0.170	-0.538	1.6E-3	-1.7E-3	2.2E-6	-2.2E-6	8.4E-4	-8.3E-4
475	0.887	-0.894	0.716	-0.722	0.207	-0.580	1.6E-3	-1.7E-3	2.6E-6	-2.6E-6	7.1E-4	-7.0E-4
476	0.996	-0.999	0.922	-0.936	0.169	-0.540	1.4E-3	-1.5E-3	4.6E-6	-4.6E-6	7.3E-4	-6.7E-4
477	0.988	-0.991	0.848	-0.867	0.206	-0.581	1.4E-3	-1.5E-3	5.2E-6	-5.2E-6	8.3E-4	-7.7E-4
478	1.084	-1.084	0.965	-0.993	0.200	-0.576	1.2E-3	-1.4E-3	4.0E-6	-4.0E-6	8.0E-4	-7.5E-4
479	1.093	-1.093	1.035	-1.056	0.166	-0.538	1.2E-3	-1.3E-3	7.6E-6	-7.6E-6	7.2E-4	-6.1E-4
480	1.028	-1.035	1.229	-1.231	0.148	-0.516	1.5E-6	-1.5E-6	1.1E-3	-1.2E-3	1.3E-3	-1.4E-3
481	0.934	-0.949	1.226	-1.227	0.099	-0.467	7.2E-6	-7.2E-6	1.6E-3	-1.7E-3	8.8E-4	-9.9E-4
482	0.736	-0.751	1.073	-1.075	0.149	-0.512	3.1E-6	-3.1E-6	1.7E-3	-1.7E-3	1.8E-3	-1.8E-3
483	0.895	-0.908	1.152	-1.154	0.149	-0.515	7.1E-6	-7.1E-6	1.8E-3	-1.9E-3	1.5E-3	-1.6E-3
484	0.769	-0.789	1.149	-1.151	0.100	-0.465	3.1E-6	-3.1E-6	2.1E-3	-2.1E-3	1.4E-3	-1.5E-3
485	0.596	-0.614	1.071	-1.073	0.100	-0.463	3.6E-6	-3.6E-6	1.9E-3	-1.8E-3	1.7E-3	-1.7E-3
486	0.925	-0.925	0.892	-0.924	0.046	-0.408	2.3E-6	-2.3E-6	1.6E-3	-1.6E-3	8.1E-4	-7.9E-4
487	1.000	-1.001	0.892	-0.924	0.148	-0.519	4.2E-6	-4.2E-6	1.2E-3	-1.3E-3	9.7E-4	-9.7E-4
488	0.569	-0.569	0.644	-0.653	0.036	-0.385	5.5E-7	-5.5E-7	2.0E-3	-2.0E-3	1.7E-3	-1.7E-3
489	0.756	-0.755	0.770	-0.792	0.039	-0.395	2.1E-6	-2.1E-6	2.2E-3	-2.2E-3	1.3E-3	-1.3E-3
490	0.873	-0.874	0.771	-0.793	0.149	-0.517	2.6E-6	-2.6E-6	1.7E-3	-1.6E-3	1.4E-3	-1.4E-3
491	0.731	-0.735	0.644	-0.654	0.149	-0.513	7.8E-6	-7.8E-6	1.5E-3	-1.6E-3	2.1E-3	-2.1E-3
492	0.838	-0.823	0.873	-0.870	0.201	-0.506	1.6E-3	-1.5E-3	3.5E-6	-3.5E-6	1.0E-3	-1.0E-3
493	0.968	-0.956	1.017	-1.005	0.202	-0.509	1.5E-3	-1.4E-3	2.3E-6	-2.3E-6	8.2E-4	-9.0E-4
494	1.098	-1.089	1.138	-1.117	0.207	-0.517	1.1E-3	-9.9E-4	7.0E-6	-7.0E-6	6.6E-4	-7.9E-4
495	1.109	-1.100	1.178	-1.150	0.215	-0.524	9.6E-4	-8.4E-4	1.8E-6	-1.8E-6	6.2E-4	-7.5E-4
496	1.108	-1.098	1.218	-1.185	0.224	-0.532	1.0E-3	-9.2E-4	4.2E-6	-4.2E-6	7.9E-4	-8.4E-4
497	0.976	-0.962	1.123	-1.101	0.232	-0.538	9.6E-4	-8.2E-4	1.5E-6	-1.5E-6	1.2E-3	-1.2E-3
498	0.827	-0.809	1.025	-1.017	0.228	-0.532	1.1E-3	-9.5E-4	6.6E-6	-6.6E-6	1.5E-3	-1.5E-3
499	0.834	-0.819	0.697	-0.700	0.306	-0.619	1.7E-3	-1.8E-3	6.6E-7	-6.6E-7	7.1E-4	-7.5E-4
500	0.835	-0.821	0.777	-0.777	0.241	-0.549	1.8E-3	-1.7E-3	3.8E-6	-3.8E-6	9.5E-4	-9.7E-4
501	1.068	-1.059	0.968	-0.968	0.301	-0.616	1.3E-3	-1.3E-3	6.2E-6	-6.2E-6	8.4E-4	-9.2E-4
502	0.954	-0.943	0.842	-0.845	0.305	-0.619	1.6E-3	-1.5E-3	5.6E-6	-5.6E-6	8.3E-4	-9.2E-4
503	0.959	-0.947	0.926	-0.922	0.242	-0.552	1.6E-3	-1.6E-3	6.6E-6	-6.6E-6	8.0E-4	-8.7E-4
504	1.074	-1.065	1.051	-1.041	0.241	-0.553	1.2E-3	-1.2E-3	4.9E-6	-4.9E-6	7.0E-4	-8.2E-4
505	0.991	-0.986	0.889	-0.897	0.247	-0.568	1.1E-4	-1.0E-4	1.4E-3	-1.3E-3	8.4E-4	-8.9E-4
506	0.921	-0.921	0.894	-0.901	0.131	-0.455	1.3E-4	-1.3E-4	1.7E-3	-1.7E-3	7.0E-4	-7.8E-4
507	0.693	-0.685	0.627	-0.635	0.247	-0.563	1.3E-4	-1.3E-4	1.7E-3	-1.6E-3	1.8E-3	-1.8E-3
508	0.847	-0.842	0.761	-0.771	0.248	-0.566	1.4E-4	-1.4E-4	1.8E-3	-1.8E-3	1.2E-3	-1.3E-3
509	0.741	-0.742	0.767	-0.776	0.122	-0.441	1.8E-4	-1.8E-4	2.3E-3	-2.3E-3	1.1E-3	-1.2E-3
510	0.548	-0.546	0.635	-0.643	0.117	-0.430	1.5E-4	-1.5E-4	2.0E-3	-2.0E-3	1.4E-3	-1.5E-3
511	0.940	-0.925	1.243	-1.210	0.102	-0.430	6.7E-6	-6.7E-6	1.8E-3	-1.7E-3	9.2E-4	-8.7E-4
512	1.015	-1.004	1.245	-1.212	0.162	-0.479	6.2E-6	-6.2E-6	1.5E-3	-1.4E-3	1.1E-3	-1.0E-3
513	0.600	-0.583	1.082	-1.074	0.101	-0.424	4.6E-6	-4.6E-6	1.8E-3	-1.9E-3	1.4E-3	-1.4E-3
514	0.776	-0.756	1.163	-1.142	0.102	-0.427	2.0E-6	-2.0E-6	2.1E-3	-2.0E-3	1.2E-3	-1.2E-3
515	0.873	-0.856	1.165	-1.144	0.161	-0.476	7.6E-6	-7.6E-6	1.9E-3	-1.8E-3	1.3E-3	-1.2E-3
516	0.711	-0.693	1.083	-1.074	0.160	-0.473	5.4E-6	-5.4E-6	1.7E-3	-1.8E-3	1.5E-3	-1.5E-3
517	0.838	-0.837	0.709	-0.718	-0.023	-0.337	8.0E-6	-8.0E-6	1.7E-3	-1.6E-3	7.3E-4	-7.7E-4
518	0.683	-0.682	0.647	-0.652	-0.021	-0.336	7.8E-6	-7.8E-6	1.9E-3	-1.9E-3	3.4E-4	-3.7E-4
519	0.511	-0.510	0.583	-0.584	-0.022	-0.330	7.4E-6	-7.4E-6	2.1E-3	-2.1E-3	6.3E-4	-6.6E-4
520	0.839	-0.841	0.690	-0.696	0.026	-0.384	6.9E-6	-6.9E-6	1.6E-3	-1.6E-3	8.0E-4	-7.8E-4
521	0.682	-0.684	0.632	-0.635	0.027	-0.381	5.4E-7	-5.4E-7	2.0E-3	-2.0E-3	4.1E-4	-3.6E-4
522	0.506	-0.509	0.572	-0.574	0.026	-0.374	3.6E-6	-3.6E-6	2.1E-3	-2.1E-3	7.4E-4	-6.9E-4
523	0.371	-0.388	1.070	-1.071	0.030	-0.393	4.5E-6	-4.5E-6	2.2E-3	-2.0E-3	9.2E-4	-8.8E-4
524	0.568	-0.592	1.147	-1.148	0.030	-0.396	1.6E-6	-1.6E-6	2.5E-3	-2.5E-3	8.9E-4	-8.7E-4
525	0.771	-0.791	1.224	-1.225	0.029	-0.398	3.4E-7	-3.4E-7	2.1E-3	-2.2E-3	9.1E-4	-8.7E-4
526	0.311	-0.326	1.070	-1.070	0.030	-0.396	1.5E-6	-1.5E-6	2.2E-3	-2.1E-3	5.6E-4	-5.3E-4
527	0.510	-0.531	1.147	-1.147	0.030	-0.398	9.2E-7	-9.2E-7	2.4E-3	-2.4E-3	6.4E-4	-6.1E-4
528	0.714	-0.735	1.224	-1.224	0.030	-0.399	6.3E-6	-6.3E-6	2.2E-3	-2.3E-3	6.5E-4	-6.9E-4
529	0.282	-0.295	1.069	-1.070	0.045	-0.411	3.8E-6	-3.8E-6	2.2E-3	-2.1E-3	3.5E-4	-3.3E-4

RELAZIONE DI CALCOLO -

530	0.476	-0.495	1.146	-1.146	0.045	-0.413	1.1E-6	-1.1E-6	2.4E-3	-2.3E-3	4.7E-4	-4.6E-4
531	0.673	-0.695	1.224	-1.224	0.045	-0.415	4.1E-6	-4.1E-6	2.2E-3	-2.2E-3	5.9E-4	-6.0E-4
532	0.291	-0.302	1.068	-1.068	0.084	-0.451	4.4E-7	-4.4E-7	2.0E-3	-1.9E-3	4.1E-4	-4.1E-4
533	0.464	-0.483	1.145	-1.145	0.084	-0.453	2.9E-7	-2.9E-7	2.2E-3	-2.1E-3	4.5E-4	-4.4E-4
534	0.642	-0.665	1.223	-1.223	0.083	-0.454	3.7E-6	-3.7E-6	2.0E-3	-1.9E-3	5.6E-4	-5.7E-4
535	0.333	-0.343	1.066	-1.067	0.133	-0.500	5.4E-6	-5.4E-6	1.8E-3	-1.7E-3	7.2E-4	-7.1E-4
536	0.471	-0.490	1.144	-1.144	0.133	-0.502	3.7E-6	-3.7E-6	1.9E-3	-1.8E-3	5.3E-4	-5.2E-4
537	0.620	-0.644	1.223	-1.223	0.133	-0.504	5.8E-6	-5.8E-6	1.7E-3	-1.6E-3	5.6E-4	-5.6E-4
538	0.621	-0.644	1.223	-1.222	0.185	-0.556	3.6E-6	-3.6E-6	1.3E-3	-1.2E-3	5.6E-4	-5.6E-4
539	0.657	-0.679	1.223	-1.222	0.240	-0.610	5.7E-6	-5.7E-6	8.8E-4	-8.2E-4	6.9E-4	-6.8E-4
540	0.409	-0.419	1.065	-1.065	0.184	-0.551	1.2E-6	-1.2E-6	1.5E-3	-1.4E-3	9.5E-4	-9.5E-4
541	0.512	-0.530	1.144	-1.144	0.185	-0.554	4.1E-6	-4.1E-6	1.4E-3	-1.4E-3	6.7E-4	-6.6E-4
542	0.579	-0.596	1.144	-1.143	0.239	-0.608	3.5E-6	-3.5E-6	1.0E-3	-9.5E-4	8.4E-4	-8.3E-4
543	0.506	-0.515	1.064	-1.064	0.237	-0.605	2.8E-7	-2.8E-7	1.1E-3	-9.7E-4	1.1E-3	-1.1E-3
544	0.799	-0.800	0.658	-0.665	-0.058	-0.326	6.2E-4	-6.7E-4	4.3E-6	-4.3E-6	6.5E-4	-6.8E-4
545	0.668	-0.668	0.603	-0.606	-0.056	-0.305	6.5E-4	-6.9E-4	3.8E-6	-3.8E-6	6.7E-4	-6.8E-4
546	0.535	-0.535	0.544	-0.545	-0.055	-0.296	6.9E-4	-7.0E-4	3.5E-6	-3.5E-6	8.0E-4	-7.9E-4
547	0.524	-0.528	0.587	-0.587	0.043	-0.369	5.9E-6	-5.9E-6	9.1E-4	-8.8E-4	5.2E-4	-5.2E-4
548	0.591	-0.599	0.647	-0.653	0.044	-0.372	1.9E-6	-1.9E-6	9.5E-4	-8.9E-4	5.7E-4	-5.9E-4
549	0.658	-0.671	0.708	-0.718	0.044	-0.374	5.6E-6	-5.6E-6	8.8E-4	-8.1E-4	6.2E-4	-6.5E-4
550	0.477	-0.480	0.587	-0.588	-0.016	-0.316	3.2E-6	-3.2E-6	1.2E-3	-1.2E-3	5.6E-4	-5.7E-4
551	0.567	-0.573	0.647	-0.653	-0.017	-0.317	8.1E-7	-8.1E-7	1.1E-3	-1.1E-3	5.2E-4	-5.3E-4
552	0.659	-0.669	0.708	-0.718	-0.017	-0.318	4.5E-6	-4.5E-6	1.1E-3	-1.0E-3	6.0E-4	-6.3E-4
553	0.467	-0.469	0.587	-0.588	-0.075	-0.272	5.2E-6	-5.2E-6	1.4E-3	-1.4E-3	4.7E-4	-4.8E-4
554	0.584	-0.588	0.647	-0.653	-0.076	-0.290	6.7E-6	-6.7E-6	1.3E-3	-1.3E-3	5.3E-4	-5.4E-4
555	0.692	-0.700	0.708	-0.718	-0.077	-0.310	6.3E-6	-6.3E-6	1.2E-3	-1.2E-3	6.0E-4	-6.3E-4
556	0.729	-0.735	0.708	-0.718	-0.126	-0.317	5.6E-6	-5.6E-6	1.3E-3	-1.3E-3	6.5E-4	-6.7E-4
557	0.764	-0.768	0.708	-0.718	-0.099	-0.322	2.3E-6	-2.3E-6	1.4E-3	-1.4E-3	5.4E-4	-5.6E-4
558	0.482	-0.483	0.586	-0.587	-0.121	-0.278	1.4E-6	-1.4E-6	1.5E-3	-1.4E-3	4.6E-4	-4.7E-4
559	0.609	-0.612	0.647	-0.652	-0.123	-0.297	7.4E-6	-7.4E-6	1.5E-3	-1.5E-3	5.4E-4	-5.5E-4
560	0.639	-0.641	0.647	-0.652	-0.096	-0.302	3.2E-6	-3.2E-6	1.5E-3	-1.4E-3	5.0E-4	-5.1E-4
561	0.511	-0.511	0.585	-0.586	-0.094	-0.283	4.3E-6	-4.3E-6	1.5E-3	-1.5E-3	5.7E-4	-5.7E-4
562	0.509	-0.507	0.574	-0.577	-0.015	-0.336	6.2E-6	-6.2E-6	1.5E-3	-1.5E-3	6.2E-4	-6.1E-4
563	0.639	-0.638	0.632	-0.636	-0.017	-0.336	2.5E-6	-2.5E-6	1.5E-3	-1.5E-3	5.4E-4	-5.2E-4
564	0.766	-0.765	0.690	-0.696	-0.020	-0.334	2.1E-7	-2.1E-7	1.4E-3	-1.4E-3	6.0E-4	-5.6E-4
565	0.476	-0.472	0.576	-0.578	-0.030	-0.319	4.0E-6	-4.0E-6	1.5E-3	-1.5E-3	4.8E-4	-4.6E-4
566	0.608	-0.603	0.633	-0.637	-0.032	-0.319	5.2E-6	-5.2E-6	1.5E-3	-1.5E-3	6.0E-4	-5.6E-4
567	0.733	-0.726	0.690	-0.696	-0.033	-0.321	3.0E-6	-3.0E-6	1.3E-3	-1.3E-3	7.0E-4	-6.4E-4
568	0.458	-0.453	0.576	-0.579	-0.023	-0.324	2.5E-6	-2.5E-6	1.4E-3	-1.4E-3	4.8E-4	-4.7E-4
569	0.582	-0.573	0.633	-0.638	-0.024	-0.325	3.8E-6	-3.8E-6	1.4E-3	-1.4E-3	5.6E-4	-5.2E-4
570	0.698	-0.685	0.690	-0.697	-0.024	-0.327	2.4E-6	-2.4E-6	1.2E-3	-1.3E-3	6.7E-4	-5.9E-4
571	0.670	-0.650	0.690	-0.697	0.012	-0.361	2.8E-6	-2.8E-6	1.1E-3	-1.1E-3	6.7E-4	-6.0E-4
572	0.675	-0.647	0.691	-0.697	0.061	-0.407	5.4E-6	-5.4E-6	8.3E-4	-9.4E-4	6.7E-4	-6.0E-4
573	0.469	-0.463	0.577	-0.579	0.011	-0.356	3.4E-6	-3.4E-6	1.2E-3	-1.3E-3	5.7E-4	-5.5E-4
574	0.567	-0.554	0.633	-0.638	0.012	-0.358	3.6E-6	-3.6E-6	1.1E-3	-1.2E-3	5.5E-4	-5.0E-4
575	0.597	-0.579	0.634	-0.638	0.060	-0.404	1.4E-6	-1.4E-6	9.1E-4	-1.0E-3	6.0E-4	-5.6E-4
576	0.520	-0.512	0.577	-0.579	0.058	-0.400	6.3E-6	-6.3E-6	8.8E-4	-9.9E-4	5.7E-4	-5.5E-4
577	0.546	-0.533	1.089	-1.078	0.153	-0.587	4.3E-7	-4.3E-7	8.7E-4	-1.0E-3	1.2E-3	-1.2E-3
578	0.627	-0.599	1.167	-1.144	0.154	-0.590	5.1E-6	-5.1E-6	8.4E-4	-9.9E-4	8.5E-4	-8.5E-4
579	0.698	-0.658	1.244	-1.209	0.154	-0.592	3.1E-6	-3.1E-6	7.0E-4	-8.3E-4	7.1E-4	-7.0E-4
580	0.444	-0.431	1.089	-1.079	0.122	-0.542	4.2E-6	-4.2E-6	1.3E-3	-1.4E-3	1.0E-3	-9.9E-4
581	0.558	-0.532	1.167	-1.144	0.122	-0.544	1.7E-6	-1.7E-6	1.2E-3	-1.4E-3	7.0E-4	-6.9E-4
582	0.662	-0.625	1.244	-1.209	0.122	-0.546	4.2E-6	-4.2E-6	1.1E-3	-1.2E-3	5.8E-4	-5.5E-4
583	0.368	-0.356	1.089	-1.079	0.095	-0.501	4.7E-6	-4.7E-6	1.6E-3	-1.8E-3	7.3E-4	-7.3E-4
584	0.518	-0.494	1.166	-1.144	0.095	-0.503	2.6E-6	-2.6E-6	1.7E-3	-1.8E-3	5.5E-4	-5.3E-4
585	0.660	-0.626	1.244	-1.209	0.095	-0.505	2.2E-6	-2.2E-6	1.5E-3	-1.6E-3	5.8E-4	-5.4E-4
586	0.327	-0.316	1.089	-1.079	0.069	-0.461	3.6E-6	-3.6E-6	1.9E-3	-2.0E-3	4.2E-4	-4.1E-4
587	0.505	-0.483	1.166	-1.144	0.069	-0.463	3.1E-6	-3.1E-6	2.0E-3	-2.1E-3	4.7E-4	-4.5E-4
588	0.677	-0.648	1.244	-1.209	0.070	-0.466	4.0E-6	-4.0E-6	1.8E-3	-1.9E-3	5.9E-4	-5.3E-4
589	0.317	-0.306	1.087	-1.078	0.044	-0.422	5.8E-6	-5.8E-6	2.0E-3	-2.2E-3	3.5E-4	-3.5E-4
590	0.512	-0.493	1.165	-1.143	0.044	-0.424	1.4E-6	-1.4E-6	2.2E-3	-2.3E-3	4.8E-4	-4.6E-4
591	0.703	-0.680	1.243	-1.209	0.045	-0.427	1.2E-6	-1.2E-6	2.0E-3	-2.1E-3	6.0E-4	-5.5E-4
592	0.740	-0.722	1.242	-1.208	0.042	-0.410	3.4E-6	-3.4E-6	2.2E-3	-2.1E-3	6.9E-4	-6.3E-4
593	0.790	-0.774	1.241	-1.208	0.048	-0.401	5.6E-6	-5.6E-6	2.2E-3	-2.0E-3	7.8E-4	-8.1E-4
594	0.341	-0.329	1.086	-1.076	0.042	-0.405	1.1E-6	-1.1E-6	2.1E-3	-2.2E-3	5.4E-4	-5.6E-4
595	0.543	-0.524	1.164	-1.142	0.042	-0.407	3.5E-6	-3.5E-6	2.3E-3	-2.4E-3	6.0E-4	-6.1E-4
596	0.598	-0.578	1.162	-1.141	0.048	-0.399	1.3E-6	-1.3E-6	2.4E-3	-2.4E-3	8.2E-4	-8.3E-4
597	0.399	-0.385	1.083	-1.074	0.047	-0.396	6.2E-6	-6.2E-6	2.1E-3	-2.2E-3	8.5E-4	-8.8E-4
598	0.603	-0.612	0.742	-0.742	0.256	-0.608	2.2E-3	-2.2E-3	1.3E-6	-1.3E-6	1.8E-3	-1.8E-3
599	0.653	-0.669	0.941	-0.941	0.259	-0.615	2.1E-3	-2.1E-3	1.2E-6	-1.2E-6	1.2E-3	-1.2E-3
600	0.706	-0.728	1.100	-1.101	0.260	-0.620	1.3E-3	-1.3E-3	6.9E-7	-6.9E-7	7.4E-4	-7.2E-4
601	0.718	-0.738	1.033	-1.036	0.239	-0.595	1.3E-3	-1.3E-3	5.7E-6	-5.7E-6	8.3E-4	-8.1E-4

RELAZIONE DI CALCOLO -

602	0.711	-0.730	0.960	-0.965	0.215	-0.562	1.6E-3	-1.6E-3	6.0E-6	-6.0E-6	7.7E-4	-7.4E-4
603	0.656	-0.669	0.756	-0.758	0.210	-0.553	2.7E-3	-2.8E-3	6.7E-6	-6.7E-6	6.7E-4	-6.6E-4
604	0.607	-0.613	0.513	-0.513	0.208	-0.548	2.4E-3	-2.5E-3	1.8E-6	-1.8E-6	6.4E-4	-6.4E-4
605	0.602	-0.611	0.910	-0.910	0.270	-0.629	1.6E-3	-1.6E-3	4.0E-6	-4.0E-6	1.9E-3	-1.9E-3
606	0.650	-0.665	1.042	-1.042	0.272	-0.634	1.4E-3	-1.4E-3	4.8E-6	-4.8E-6	1.2E-3	-1.2E-3
607	0.695	-0.716	1.155	-1.154	0.274	-0.638	1.2E-3	-1.2E-3	4.0E-6	-4.0E-6	8.1E-4	-8.0E-4
608	0.606	-0.612	0.492	-0.492	0.200	-0.535	2.5E-3	-2.5E-3	3.4E-6	-3.4E-6	6.7E-4	-6.7E-4
609	0.607	-0.613	0.490	-0.490	0.192	-0.523	2.2E-3	-2.2E-3	4.0E-6	-4.0E-6	7.7E-4	-7.7E-4
610	0.607	-0.612	0.513	-0.513	0.185	-0.511	1.8E-3	-1.8E-3	6.8E-6	-6.8E-6	8.5E-4	-8.5E-4
611	0.651	-0.662	0.670	-0.674	0.185	-0.513	1.8E-3	-1.8E-3	2.9E-6	-2.9E-6	7.4E-4	-7.4E-4
612	0.693	-0.710	0.806	-0.815	0.184	-0.515	1.4E-3	-1.4E-3	8.1E-6	-8.1E-6	6.9E-4	-6.8E-4
613	0.655	-0.666	0.711	-0.714	0.202	-0.540	2.4E-3	-2.4E-3	5.1E-6	-5.1E-6	6.8E-4	-6.7E-4
614	0.652	-0.663	0.680	-0.684	0.193	-0.526	2.1E-3	-2.2E-3	2.9E-6	-2.9E-6	7.2E-4	-7.1E-4
615	0.695	-0.712	0.845	-0.853	0.193	-0.528	1.6E-3	-1.7E-3	8.7E-6	-8.7E-6	7.0E-4	-6.8E-4
616	0.699	-0.717	0.890	-0.897	0.203	-0.543	1.8E-3	-1.9E-3	3.5E-6	-3.5E-6	6.9E-4	-6.7E-4
617	0.694	-0.710	0.740	-0.750	0.174	-0.494	8.2E-4	-8.9E-4	4.3E-6	-4.3E-6	6.3E-4	-6.3E-4
618	0.651	-0.661	0.663	-0.668	0.174	-0.493	9.3E-4	-9.9E-4	3.9E-6	-3.9E-6	6.8E-4	-6.8E-4
619	0.606	-0.611	0.578	-0.578	0.173	-0.492	1.0E-3	-1.1E-3	9.7E-6	-9.7E-6	8.4E-4	-8.3E-4
620	0.636	-0.626	0.499	-0.492	0.159	-0.556	2.2E-3	-2.1E-3	3.6E-6	-3.6E-6	6.8E-4	-7.0E-4
621	0.687	-0.663	0.724	-0.711	0.159	-0.561	2.6E-3	-2.5E-3	7.5E-6	-7.5E-6	6.7E-4	-7.2E-4
622	0.746	-0.707	0.938	-0.920	0.161	-0.568	1.9E-3	-1.9E-3	4.2E-6	-4.2E-6	7.3E-4	-8.2E-4
623	0.766	-0.725	1.017	-0.990	0.173	-0.593	1.6E-3	-1.5E-3	2.1E-6	-2.1E-6	7.9E-4	-8.9E-4
624	0.751	-0.710	1.097	-1.064	0.186	-0.614	1.5E-3	-1.4E-3	9.0E-6	-9.0E-6	8.7E-4	-9.2E-4
625	0.691	-0.663	0.943	-0.921	0.192	-0.615	1.8E-3	-1.7E-3	4.9E-6	-4.9E-6	1.4E-3	-1.5E-3
626	0.636	-0.622	0.767	-0.756	0.193	-0.611	1.9E-3	-1.8E-3	2.1E-6	-2.1E-6	2.0E-3	-2.0E-3
627	0.726	-0.691	0.765	-0.765	0.147	-0.516	1.4E-3	-1.5E-3	6.1E-6	-6.1E-6	6.8E-4	-7.4E-4
628	0.681	-0.659	0.629	-0.628	0.149	-0.517	1.7E-3	-1.7E-3	7.4E-6	-7.4E-6	7.9E-4	-8.2E-4
629	0.636	-0.627	0.487	-0.485	0.150	-0.516	1.6E-3	-1.6E-3	1.1E-6	-1.1E-6	9.1E-4	-9.2E-4
630	0.636	-0.626	0.458	-0.454	0.151	-0.527	2.0E-3	-2.0E-3	3.1E-6	-3.1E-6	8.0E-4	-8.2E-4
631	0.635	-0.625	0.466	-0.461	0.154	-0.540	2.3E-3	-2.2E-3	5.7E-6	-5.7E-6	6.7E-4	-6.9E-4
632	0.727	-0.692	0.804	-0.799	0.150	-0.531	1.8E-3	-1.8E-3	3.4E-6	-3.4E-6	6.5E-4	-7.2E-4
633	0.682	-0.660	0.638	-0.633	0.151	-0.530	2.1E-3	-2.1E-3	7.5E-6	-7.5E-6	7.2E-4	-7.6E-4
634	0.684	-0.661	0.668	-0.659	0.154	-0.545	2.3E-3	-2.3E-3	5.2E-6	-5.2E-6	6.6E-4	-7.1E-4
635	0.732	-0.696	0.855	-0.844	0.154	-0.548	2.0E-3	-2.0E-3	2.8E-6	-2.8E-6	6.5E-4	-7.3E-4
636	0.766	-0.721	1.094	-1.062	0.176	-0.599	1.5E-3	-1.4E-3	6.4E-6	-6.4E-6	7.5E-4	-8.3E-4
637	0.763	-0.718	1.127	-1.092	0.181	-0.608	1.4E-3	-1.3E-3	1.0E-5	-1.0E-5	7.6E-4	-8.3E-4
638	0.635	-0.622	0.937	-0.926	0.202	-0.635	1.4E-3	-1.3E-3	3.5E-6	-3.5E-6	2.0E-3	-2.0E-3
639	0.689	-0.661	1.061	-1.038	0.202	-0.639	1.3E-3	-1.2E-3	4.3E-6	-4.3E-6	1.4E-3	-1.4E-3
640	0.736	-0.696	1.166	-1.131	0.201	-0.640	1.2E-3	-1.0E-3	1.3E-7	-1.3E-7	9.8E-4	-1.0E-3
641	0.727	-0.692	0.713	-0.718	0.152	-0.500	8.1E-4	-8.5E-4	4.4E-6	-4.4E-6	6.9E-4	-7.1E-4
642	0.682	-0.660	0.642	-0.644	0.153	-0.500	8.6E-4	-8.9E-4	3.9E-6	-3.9E-6	7.5E-4	-7.7E-4
643	0.636	-0.627	0.566	-0.566	0.154	-0.499	9.5E-4	-9.7E-4	8.9E-6	-8.9E-6	9.0E-4	-9.1E-4
644	1.251	-1.249	1.361	-1.362	0.196	-0.568	8.8E-4	-8.6E-4	1.1E-5	-1.1E-5	6.3E-4	-6.6E-4
645	1.368	-1.364	1.441	-1.441	0.186	-0.560	9.2E-4	-9.3E-4	1.1E-5	-1.1E-5	7.2E-4	-7.5E-4
646	1.459	-1.454	1.521	-1.522	0.163	-0.539	8.4E-4	-8.6E-4	4.5E-6	-4.5E-6	8.1E-4	-7.7E-4
647	1.466	-1.460	1.482	-1.489	0.149	-0.526	6.2E-4	-6.3E-4	1.2E-5	-1.2E-5	8.9E-4	-7.5E-4
648	1.453	-1.447	1.437	-1.453	0.147	-0.524	5.8E-4	-5.6E-4	5.3E-6	-5.3E-6	9.1E-4	-7.5E-4
649	1.363	-1.358	1.378	-1.395	0.148	-0.524	7.6E-4	-7.4E-4	4.3E-6	-4.3E-6	8.8E-4	-7.2E-4
650	1.266	-1.263	1.296	-1.312	0.152	-0.525	1.1E-3	-1.1E-3	1.8E-6	-1.8E-6	8.6E-4	-7.2E-4
651	1.263	-1.259	1.222	-1.251	0.159	-0.535	1.0E-3	-1.0E-3	3.6E-6	-3.6E-6	8.3E-4	-6.8E-4
652	1.260	-1.255	1.148	-1.188	0.186	-0.564	9.3E-4	-9.9E-4	1.3E-6	-1.3E-6	8.0E-4	-7.1E-4
653	1.355	-1.350	1.297	-1.327	0.155	-0.532	7.7E-4	-7.8E-4	3.9E-6	-3.9E-6	8.8E-4	-7.4E-4
654	1.343	-1.338	1.215	-1.256	0.178	-0.557	7.7E-4	-7.5E-4	3.0E-6	-3.0E-6	8.5E-4	-7.5E-4
655	1.416	-1.411	1.268	-1.309	0.169	-0.548	6.1E-4	-6.4E-4	3.5E-6	-3.5E-6	8.8E-4	-7.9E-4
656	1.425	-1.419	1.347	-1.377	0.151	-0.529	5.9E-4	-5.7E-4	2.7E-6	-2.7E-6	9.0E-4	-7.5E-4
657	1.373	-1.372	1.529	-1.529	0.130	-0.505	7.8E-6	-7.8E-6	7.3E-4	-7.5E-4	8.6E-4	-9.4E-4
658	1.300	-1.307	1.521	-1.521	0.090	-0.465	3.5E-6	-3.5E-6	6.8E-4	-6.9E-4	7.6E-4	-8.8E-4
659	1.204	-1.204	1.383	-1.384	0.142	-0.514	7.1E-6	-7.1E-6	1.2E-3	-1.2E-3	5.9E-4	-6.1E-4
660	1.299	-1.299	1.459	-1.460	0.136	-0.510	8.1E-6	-8.1E-6	1.1E-3	-1.1E-3	7.5E-4	-8.0E-4
661	1.237	-1.240	1.451	-1.452	0.093	-0.467	2.2E-6	-2.2E-6	1.1E-3	-9.5E-4	6.8E-4	-7.2E-4
662	1.155	-1.154	1.378	-1.379	0.095	-0.468	4.1E-6	-4.1E-6	1.1E-3	-1.1E-3	7.1E-4	-6.7E-4
663	1.288	-1.287	1.195	-1.241	0.080	-0.459	2.8E-6	-2.8E-6	7.0E-4	-7.0E-4	8.0E-4	-8.1E-4
664	1.352	-1.349	1.196	-1.242	0.138	-0.518	5.7E-6	-5.7E-6	7.3E-4	-8.4E-4	7.2E-4	-7.5E-4
665	1.133	-1.133	1.079	-1.121	0.063	-0.435	3.9E-6	-3.9E-6	1.0E-3	-1.0E-3	8.2E-4	-8.8E-4
666	1.216	-1.216	1.142	-1.187	0.072	-0.448	3.1E-6	-3.1E-6	1.1E-3	-1.1E-3	7.8E-4	-8.2E-4
667	1.279	-1.275	1.143	-1.188	0.142	-0.520	7.9E-6	-7.9E-6	1.2E-3	-1.0E-3	6.8E-4	-7.3E-4
668	1.197	-1.193	1.079	-1.122	0.145	-0.521	1.5E-6	-1.5E-6	9.5E-4	-1.1E-3	6.4E-4	-6.9E-4
669	1.262	-1.257	1.254	-1.215	0.205	-0.516	3.1E-4	-1.9E-4	2.0E-6	-2.0E-6	6.9E-4	-8.5E-4
670	1.350	-1.347	1.290	-1.239	0.206	-0.518	5.1E-4	-3.6E-4	4.6E-6	-4.6E-6	7.5E-4	-9.2E-4
671	1.435	-1.434	1.393	-1.328	0.212	-0.525	1.8E-3	-1.7E-3	2.9E-6	-2.9E-6	7.7E-4	-9.6E-4
672	1.437	-1.435	1.437	-1.362	0.222	-0.534	2.2E-3	-2.0E-3	8.1E-6	-8.1E-6	8.3E-4	-9.9E-4
673	1.435	-1.433	1.507	-1.426	0.234	-0.545	1.2E-3	-1.1E-3	1.9E-5	-1.9E-5	1.3E-3	-1.4E-3

RELAZIONE DI CALCOLO -

674	1.348	-1.345	1.438	-1.369	0.235	-0.546	5.5E-4	-4.1E-4	6.8E-6	-6.8E-6	1.0E-3	-1.0E-3
675	1.257	-1.252	1.372	-1.316	0.232	-0.542	9.4E-4	-7.8E-4	6.0E-6	-6.0E-6	6.3E-4	-6.7E-4
676	1.252	-1.248	1.130	-1.119	0.293	-0.609	6.4E-4	-5.8E-4	1.3E-6	-1.3E-6	7.3E-4	-8.5E-4
677	1.257	-1.252	1.191	-1.167	0.242	-0.556	4.9E-4	-3.7E-4	1.5E-6	-1.5E-6	7.1E-4	-8.8E-4
678	1.401	-1.398	1.217	-1.187	0.290	-0.607	6.1E-4	-5.2E-4	1.0E-6	-1.0E-6	9.3E-4	-1.1E-3
679	1.330	-1.326	1.176	-1.156	0.290	-0.607	5.2E-4	-3.5E-4	7.1E-6	-7.1E-6	8.9E-4	-1.0E-3
680	1.335	-1.332	1.227	-1.193	0.243	-0.557	4.2E-4	-2.9E-4	8.3E-7	-8.3E-7	7.9E-4	-9.5E-4
681	1.409	-1.407	1.284	-1.239	0.243	-0.557	1.1E-3	-9.4E-4	8.3E-6	-8.3E-6	7.2E-4	-8.8E-4
682	1.334	-1.334	1.185	-1.165	0.242	-0.571	5.7E-5	-4.5E-5	7.5E-4	-5.9E-4	8.5E-4	-8.6E-4
683	1.273	-1.273	1.192	-1.173	0.153	-0.493	5.7E-5	-6.0E-5	7.4E-4	-7.8E-4	7.1E-4	-7.4E-4
684	1.192	-1.192	1.073	-1.070	0.244	-0.570	7.3E-5	-6.3E-5	9.5E-4	-8.1E-4	6.6E-4	-6.6E-4
685	1.268	-1.268	1.130	-1.120	0.243	-0.571	7.2E-5	-8.1E-5	9.3E-4	-1.0E-3	7.3E-4	-7.4E-4
686	1.205	-1.205	1.136	-1.125	0.152	-0.489	7.8E-5	-7.4E-5	1.0E-3	-9.6E-4	8.1E-4	-8.2E-4
687	1.131	-1.129	1.078	-1.074	0.147	-0.480	6.9E-5	-6.9E-5	8.9E-4	-9.0E-4	8.9E-4	-8.7E-4
688	1.294	-1.291	1.541	-1.461	0.094	-0.428	2.6E-6	-2.6E-6	7.8E-4	-8.0E-4	7.8E-4	-7.5E-4
689	1.351	-1.350	1.545	-1.464	0.161	-0.483	3.2E-6	-3.2E-6	8.2E-4	-8.3E-4	7.6E-4	-7.4E-4
690	1.157	-1.159	1.394	-1.337	0.100	-0.432	4.8E-6	-4.8E-6	1.1E-3	-1.0E-3	6.3E-4	-7.1E-4
691	1.231	-1.232	1.468	-1.399	0.098	-0.431	6.5E-6	-6.5E-6	7.5E-4	-8.4E-4	6.6E-4	-6.7E-4
692	1.284	-1.283	1.471	-1.402	0.162	-0.483	7.2E-6	-7.2E-6	9.0E-4	-9.0E-4	7.1E-4	-7.3E-4
693	1.205	-1.203	1.396	-1.339	0.162	-0.482	4.2E-7	-4.2E-7	1.0E-3	-1.0E-3	6.3E-4	-6.8E-4
694	1.169	-1.169	0.915	-0.944	-0.044	-0.411	8.8E-7	-8.8E-7	8.4E-4	-8.0E-4	9.1E-4	-9.3E-4
695	1.102	-1.102	0.869	-0.893	-0.038	-0.391	7.6E-6	-7.6E-6	8.9E-4	-9.2E-4	8.4E-4	-8.6E-4
696	1.035	-1.036	0.820	-0.840	-0.032	-0.372	9.5E-6	-9.5E-6	8.0E-4	-8.1E-4	7.6E-4	-7.5E-4
697	1.169	-1.172	0.884	-0.899	0.012	-0.408	8.8E-6	-8.8E-6	8.3E-4	-8.1E-4	9.6E-4	-9.6E-4
698	1.101	-1.102	0.839	-0.852	0.017	-0.389	7.4E-6	-7.4E-6	9.7E-4	-9.5E-4	8.4E-4	-8.5E-4
699	1.033	-1.034	0.794	-0.805	0.020	-0.383	8.7E-9	-8.7E-9	7.9E-4	-8.0E-4	7.1E-4	-7.3E-4
700	1.046	-1.051	1.374	-1.374	0.028	-0.401	4.6E-6	-4.6E-6	1.1E-3	-1.1E-3	6.0E-4	-7.1E-4
701	1.120	-1.127	1.445	-1.445	0.027	-0.401	7.5E-7	-7.5E-7	8.5E-4	-7.6E-4	6.9E-4	-7.3E-4
702	1.168	-1.177	1.515	-1.515	0.026	-0.402	3.4E-6	-3.4E-6	4.5E-4	-5.0E-4	7.7E-4	-7.2E-4
703	1.003	-1.017	1.373	-1.373	0.028	-0.401	7.5E-6	-7.5E-6	1.2E-3	-1.2E-3	7.1E-4	-7.7E-4
704	1.075	-1.087	1.444	-1.444	0.027	-0.402	6.4E-6	-6.4E-6	6.8E-4	-7.1E-4	7.1E-4	-7.6E-4
705	1.118	-1.128	1.514	-1.514	0.026	-0.402	4.0E-6	-4.0E-6	3.7E-4	-3.9E-4	7.7E-4	-8.3E-4
706	0.952	-0.972	1.373	-1.372	0.044	-0.417	3.1E-6	-3.1E-6	1.1E-3	-1.2E-3	7.5E-4	-8.0E-4
707	1.023	-1.041	1.443	-1.443	0.043	-0.417	6.8E-6	-6.8E-6	6.6E-4	-6.8E-4	7.9E-4	-8.6E-4
708	1.062	-1.078	1.513	-1.513	0.042	-0.417	6.6E-6	-6.6E-6	3.1E-4	-3.3E-4	8.0E-4	-8.6E-4
709	0.897	-0.922	1.372	-1.372	0.081	-0.454	4.6E-6	-4.6E-6	1.1E-3	-1.1E-3	8.0E-4	-8.4E-4
710	0.965	-0.989	1.442	-1.442	0.079	-0.453	4.8E-6	-4.8E-6	6.4E-4	-6.5E-4	8.3E-4	-8.8E-4
711	1.002	-1.025	1.513	-1.512	0.076	-0.451	6.8E-6	-6.8E-6	3.2E-4	-3.4E-4	8.3E-4	-8.9E-4
712	0.840	-0.868	1.371	-1.370	0.131	-0.504	5.4E-6	-5.4E-6	1.0E-3	-1.0E-3	8.3E-4	-8.5E-4
713	0.904	-0.932	1.441	-1.440	0.129	-0.503	2.0E-6	-2.0E-6	6.4E-4	-6.4E-4	8.6E-4	-9.1E-4
714	0.941	-0.970	1.512	-1.511	0.125	-0.501	7.4E-6	-7.4E-6	3.6E-4	-3.6E-4	8.4E-4	-9.0E-4
715	0.879	-0.913	1.510	-1.509	0.179	-0.554	1.9E-7	-1.9E-7	4.2E-4	-3.9E-4	8.6E-4	-9.1E-4
716	0.852	-0.890	1.506	-1.505	0.238	-0.613	1.5E-6	-1.5E-6	5.2E-4	-4.8E-4	9.1E-4	-9.4E-4
717	0.782	-0.812	1.370	-1.369	0.184	-0.557	3.3E-6	-3.3E-6	9.2E-4	-8.9E-4	8.5E-4	-8.7E-4
718	0.840	-0.872	1.439	-1.438	0.182	-0.556	2.1E-6	-2.1E-6	6.6E-4	-6.3E-4	8.9E-4	-9.2E-4
719	0.819	-0.853	1.436	-1.435	0.240	-0.614	3.9E-6	-3.9E-6	6.7E-4	-6.3E-4	9.3E-4	-9.4E-4
720	0.776	-0.807	1.369	-1.368	0.240	-0.613	5.9E-7	-5.9E-7	7.9E-4	-7.4E-4	8.5E-4	-8.6E-4
721	1.119	-1.122	0.852	-0.873	-0.064	-0.403	5.7E-4	-6.1E-4	1.5E-6	-1.5E-6	7.5E-4	-8.8E-4
722	1.058	-1.061	0.807	-0.824	-0.063	-0.385	6.0E-4	-6.4E-4	7.7E-6	-7.7E-6	7.6E-4	-8.5E-4
723	0.994	-0.996	0.760	-0.774	-0.061	-0.367	6.1E-4	-6.5E-4	3.7E-6	-3.7E-6	7.3E-4	-8.0E-4
724	0.777	-0.800	0.815	-0.836	0.042	-0.374	3.6E-6	-3.6E-6	9.1E-4	-8.4E-4	7.6E-4	-8.0E-4
725	0.826	-0.855	0.861	-0.887	0.041	-0.374	7.9E-6	-7.9E-6	7.2E-4	-6.5E-4	8.1E-4	-8.4E-4
726	0.867	-0.901	0.908	-0.938	0.039	-0.373	6.6E-6	-6.6E-6	4.8E-4	-4.1E-4	8.2E-4	-8.6E-4
727	0.818	-0.838	0.815	-0.836	-0.020	-0.341	6.6E-7	-6.6E-7	9.6E-4	-9.0E-4	7.7E-4	-8.1E-4
728	0.879	-0.904	0.862	-0.888	-0.023	-0.359	1.7E-6	-1.7E-6	7.4E-4	-6.8E-4	8.0E-4	-8.5E-4
729	0.922	-0.951	0.910	-0.940	-0.026	-0.377	3.8E-6	-3.8E-6	4.8E-4	-4.3E-4	8.2E-4	-8.8E-4
730	0.867	-0.883	0.816	-0.837	-0.081	-0.348	6.1E-6	-6.1E-6	1.0E-3	-9.6E-4	7.4E-4	-7.8E-4
731	0.932	-0.952	0.864	-0.889	-0.084	-0.366	7.4E-6	-7.4E-6	7.7E-4	-7.2E-4	7.8E-4	-8.4E-4
732	0.978	-1.001	0.911	-0.941	-0.087	-0.384	5.8E-6	-5.8E-6	4.9E-4	-4.5E-4	7.9E-4	-8.6E-4
733	1.030	-1.046	0.912	-0.942	-0.116	-0.391	6.8E-7	-6.8E-7	5.6E-4	-5.3E-4	7.4E-4	-8.1E-4
734	1.074	-1.084	0.913	-0.943	-0.107	-0.397	6.8E-6	-6.8E-6	7.0E-4	-6.8E-4	6.6E-4	-7.3E-4
735	0.914	-0.926	0.817	-0.837	-0.131	-0.355	5.2E-6	-5.2E-6	1.0E-3	-9.7E-4	7.2E-4	-7.7E-4
736	0.980	-0.995	0.865	-0.890	-0.133	-0.373	4.4E-6	-4.4E-6	7.7E-4	-7.4E-4	6.9E-4	-7.5E-4
737	1.018	-1.026	0.867	-0.891	-0.106	-0.379	4.5E-6	-4.5E-6	7.9E-4	-7.7E-4	6.3E-4	-6.9E-4
738	0.955	-0.962	0.818	-0.838	-0.104	-0.361	1.2E-6	-1.2E-6	8.8E-4	-8.6E-4	6.4E-4	-6.9E-4
739	0.959	-0.958	0.794	-0.804	-0.027	-0.363	5.8E-7	-5.8E-7	8.7E-4	-8.7E-4	7.0E-4	-6.3E-4
740	1.023	-1.021	0.840	-0.853	-0.031	-0.381	4.6E-6	-4.6E-6	7.7E-4	-7.8E-4	7.2E-4	-6.2E-4
741	1.080	-1.078	0.885	-0.900	-0.034	-0.399	4.1E-6	-4.1E-6	6.7E-4	-7.0E-4	7.7E-4	-6.4E-4
742	0.925	-0.915	0.794	-0.805	-0.036	-0.359	1.6E-7	-1.6E-7	9.7E-4	-1.0E-3	8.0E-4	-6.8E-4
743	0.994	-0.981	0.841	-0.853	-0.037	-0.377	7.5E-6	-7.5E-6	7.2E-4	-7.7E-4	8.0E-4	-6.4E-4
744	1.046	-1.028	0.886	-0.901	-0.037	-0.395	1.0E-6	-1.0E-6	5.0E-4	-5.7E-4	8.8E-4	-6.9E-4
745	0.888	-0.865	0.795	-0.806	-0.024	-0.355	5.2E-7	-5.2E-7	9.5E-4	-1.0E-3	8.3E-4	-6.8E-4

RELAZIONE DI CALCOLO -

746	0.957	-0.928	0.841	-0.854	-0.024	-0.373	1.8E-6	-1.8E-6	6.9E-4	-7.7E-4	8.9E-4	-7.2E-4
747	1.006	-0.971	0.886	-0.901	-0.023	-0.390	1.6E-6	-1.6E-6	4.1E-4	-5.1E-4	9.2E-4	-7.2E-4
748	0.965	-0.910	0.887	-0.902	0.014	-0.386	4.3E-6	-4.3E-6	3.8E-4	-5.0E-4	9.3E-4	-7.4E-4
749	0.922	-0.852	0.889	-0.904	0.060	-0.412	3.8E-6	-3.8E-6	3.4E-4	-5.0E-4	8.9E-4	-7.5E-4
750	0.848	-0.812	0.795	-0.806	0.013	-0.364	2.1E-6	-2.1E-6	8.9E-4	-9.9E-4	8.5E-4	-7.1E-4
751	0.916	-0.871	0.842	-0.855	0.013	-0.368	7.8E-6	-7.8E-6	6.4E-4	-7.6E-4	8.9E-4	-7.3E-4
752	0.873	-0.815	0.843	-0.856	0.061	-0.412	3.2E-6	-3.2E-6	6.3E-4	-7.7E-4	8.7E-4	-7.4E-4
753	0.815	-0.767	0.795	-0.806	0.062	-0.411	9.5E-7	-9.5E-7	8.3E-4	-9.6E-4	8.4E-4	-7.2E-4
754	0.821	-0.760	1.397	-1.339	0.150	-0.591	2.4E-7	-2.4E-7	7.2E-4	-8.5E-4	8.4E-4	-8.1E-4
755	0.874	-0.803	1.472	-1.402	0.146	-0.588	9.6E-7	-9.6E-7	6.1E-4	-7.4E-4	9.2E-4	-8.8E-4
756	0.917	-0.835	1.544	-1.464	0.140	-0.584	5.4E-6	-5.4E-6	4.5E-4	-5.8E-4	9.2E-4	-8.8E-4
757	0.822	-0.766	1.397	-1.339	0.120	-0.547	4.1E-7	-4.1E-7	8.4E-4	-9.6E-4	8.9E-4	-8.2E-4
758	0.886	-0.820	1.471	-1.402	0.118	-0.547	2.3E-6	-2.3E-6	6.3E-4	-7.4E-4	9.3E-4	-8.5E-4
759	0.933	-0.858	1.543	-1.463	0.116	-0.546	7.5E-6	-7.5E-6	3.6E-4	-4.8E-4	9.1E-4	-8.1E-4
760	0.874	-0.825	1.396	-1.338	0.095	-0.508	5.8E-6	-5.8E-6	9.6E-4	-1.0E-3	8.9E-4	-7.9E-4
761	0.941	-0.886	1.470	-1.401	0.095	-0.509	5.0E-6	-5.0E-6	6.2E-4	-7.0E-4	9.4E-4	-8.2E-4
762	0.985	-0.922	1.541	-1.461	0.095	-0.510	7.6E-6	-7.6E-6	3.4E-4	-4.3E-4	9.4E-4	-8.0E-4
763	0.925	-0.887	1.395	-1.338	0.071	-0.470	1.7E-6	-1.7E-6	1.0E-3	-1.1E-3	8.9E-4	-7.7E-4
764	0.994	-0.952	1.469	-1.400	0.072	-0.472	2.6E-6	-2.6E-6	6.4E-4	-6.9E-4	9.3E-4	-7.9E-4
765	1.035	-0.988	1.540	-1.461	0.073	-0.474	1.3E-7	-1.3E-7	3.2E-4	-3.9E-4	9.5E-4	-7.8E-4
766	0.971	-0.946	1.395	-1.337	0.047	-0.432	4.5E-6	-4.5E-6	1.1E-3	-1.1E-3	8.5E-4	-7.2E-4
767	1.043	-1.015	1.467	-1.399	0.048	-0.434	2.6E-6	-2.6E-6	6.7E-4	-6.9E-4	9.1E-4	-7.6E-4
768	1.083	-1.053	1.540	-1.460	0.050	-0.437	1.3E-6	-1.3E-6	3.3E-4	-3.7E-4	9.2E-4	-7.5E-4
769	1.129	-1.115	1.539	-1.459	0.042	-0.416	1.9E-6	-1.9E-6	3.8E-4	-4.0E-4	8.9E-4	-7.4E-4
770	1.172	-1.167	1.538	-1.458	0.048	-0.407	7.1E-6	-7.1E-6	5.3E-4	-5.2E-4	7.2E-4	-7.0E-4
771	1.014	-1.000	1.394	-1.336	0.042	-0.413	3.2E-6	-3.2E-6	1.2E-3	-1.1E-3	8.0E-4	-6.8E-4
772	1.086	-1.073	1.466	-1.398	0.042	-0.414	7.1E-6	-7.1E-6	7.2E-4	-7.2E-4	8.0E-4	-6.7E-4
773	1.123	-1.121	1.465	-1.397	0.048	-0.406	5.2E-6	-5.2E-6	6.9E-4	-7.6E-4	7.3E-4	-6.6E-4
774	1.050	-1.049	1.393	-1.335	0.048	-0.405	4.6E-6	-4.6E-6	1.1E-3	-1.1E-3	7.4E-4	-6.1E-4
775	0.733	-0.759	1.097	-1.103	0.230	-0.582	1.1E-3	-1.1E-3	1.7E-6	-1.7E-6	7.3E-4	-7.0E-4
776	0.736	-0.761	1.133	-1.137	0.245	-0.603	9.3E-4	-9.4E-4	8.3E-7	-8.3E-7	7.3E-4	-7.0E-4
777	0.780	-0.811	1.178	-1.183	0.247	-0.606	1.3E-4	-1.5E-4	3.5E-8	-3.5E-8	7.7E-4	-7.4E-4
778	0.826	-0.862	1.199	-1.206	0.247	-0.606	3.9E-4	-4.1E-4	7.0E-6	-7.0E-6	8.9E-4	-8.4E-4
779	0.871	-0.913	1.303	-1.311	0.245	-0.605	2.0E-3	-2.0E-3	4.2E-6	-4.2E-6	9.8E-4	-9.2E-4
780	0.875	-0.916	1.251	-1.263	0.233	-0.590	2.5E-3	-2.5E-3	1.5E-6	-1.5E-6	8.6E-4	-7.8E-4
781	0.871	-0.913	1.216	-1.232	0.221	-0.573	1.9E-3	-1.9E-3	5.2E-6	-5.2E-6	9.4E-4	-8.6E-4
782	0.825	-0.861	1.123	-1.136	0.219	-0.570	2.5E-4	-2.8E-4	7.8E-6	-7.8E-6	9.0E-4	-8.5E-4
783	0.780	-0.810	1.108	-1.119	0.218	-0.567	1.2E-4	-1.6E-4	8.8E-7	-8.8E-7	7.8E-4	-7.3E-4
784	0.736	-0.760	1.060	-1.067	0.216	-0.564	1.0E-3	-1.0E-3	1.1E-6	-1.1E-6	7.3E-4	-7.0E-4
785	0.772	-0.801	0.994	-1.011	0.193	-0.532	2.9E-4	-3.4E-4	2.3E-6	-2.3E-6	7.7E-4	-7.3E-4
786	0.810	-0.844	1.013	-1.034	0.193	-0.533	2.2E-4	-2.8E-4	2.3E-6	-2.3E-6	7.9E-4	-7.5E-4
787	0.850	-0.889	1.055	-1.080	0.193	-0.534	8.5E-4	-9.0E-4	5.2E-6	-5.2E-6	8.3E-4	-7.7E-4
788	0.818	-0.853	1.071	-1.089	0.206	-0.551	2.9E-4	-3.3E-4	8.0E-6	-8.0E-6	8.2E-4	-7.6E-4
789	0.776	-0.805	1.051	-1.065	0.205	-0.549	2.2E-4	-2.6E-4	4.0E-6	-4.0E-6	7.7E-4	-7.2E-4
790	0.821	-0.857	1.274	-1.277	0.263	-0.627	4.0E-4	-4.0E-4	2.4E-6	-2.4E-6	9.3E-4	-8.9E-4
791	0.816	-0.851	1.358	-1.358	0.280	-0.649	5.3E-4	-5.3E-4	7.0E-6	-7.0E-6	1.1E-3	-1.0E-3
792	0.775	-0.805	1.304	-1.304	0.277	-0.645	6.8E-4	-6.8E-4	2.3E-6	-2.3E-6	8.0E-4	-7.8E-4
793	0.777	-0.807	1.241	-1.243	0.262	-0.625	3.7E-4	-3.7E-4	2.7E-8	-2.7E-8	7.9E-4	-7.6E-4
794	0.848	-0.887	0.996	-1.025	0.180	-0.516	7.6E-4	-8.2E-4	6.9E-6	-6.9E-6	8.3E-4	-7.9E-4
795	0.810	-0.844	0.958	-0.982	0.181	-0.516	2.4E-4	-3.0E-4	4.9E-6	-4.9E-6	7.9E-4	-7.5E-4
796	0.772	-0.800	0.938	-0.958	0.182	-0.516	2.8E-4	-3.4E-4	3.3E-6	-3.3E-6	7.7E-4	-7.3E-4
797	0.856	-0.895	1.121	-1.142	0.207	-0.553	1.1E-3	-1.1E-3	1.7E-6	-1.7E-6	8.3E-4	-7.7E-4
798	0.744	-0.770	1.048	-1.057	0.210	-0.556	7.8E-4	-8.2E-4	1.5E-5	-1.5E-5	7.4E-4	-7.0E-4
799	0.752	-0.778	1.059	-1.069	0.211	-0.556	6.1E-4	-6.5E-4	4.5E-6	-4.5E-6	7.5E-4	-7.1E-4
800	0.852	-0.892	1.404	-1.404	0.282	-0.652	7.7E-4	-7.7E-4	8.4E-6	-8.4E-6	1.2E-3	-1.1E-3
801	0.857	-0.897	1.332	-1.336	0.263	-0.628	1.2E-3	-1.2E-3	7.4E-6	-7.4E-6	8.1E-4	-7.7E-4
802	0.749	-0.775	1.172	-1.176	0.251	-0.610	6.3E-4	-6.4E-4	8.8E-8	-8.8E-8	7.3E-4	-7.0E-4
803	0.823	-0.761	1.222	-1.187	0.172	-0.590	1.0E-3	-9.4E-4	8.7E-7	-8.7E-7	7.2E-4	-8.7E-4
804	0.882	-0.807	1.289	-1.248	0.171	-0.590	4.9E-4	-4.2E-4	6.6E-7	-6.6E-7	7.0E-4	-8.7E-4
805	0.939	-0.853	1.330	-1.283	0.163	-0.583	4.5E-4	-3.8E-4	5.1E-6	-5.1E-6	7.2E-4	-9.2E-4
806	0.948	-0.861	1.378	-1.319	0.160	-0.589	5.5E-4	-4.7E-4	2.2E-5	-2.2E-5	7.3E-4	-9.3E-4
807	0.940	-0.853	1.427	-1.358	0.164	-0.598	5.6E-4	-4.8E-4	1.4E-5	-1.4E-5	7.6E-4	-9.1E-4
808	0.887	-0.812	1.370	-1.309	0.167	-0.599	7.4E-4	-6.4E-4	1.1E-5	-1.1E-5	7.2E-4	-8.1E-4
809	0.828	-0.765	1.292	-1.241	0.172	-0.603	1.0E-3	-8.8E-4	2.5E-6	-2.5E-6	7.0E-4	-7.7E-4
810	0.882	-0.807	1.406	-1.341	0.179	-0.619	8.4E-4	-7.2E-4	7.3E-6	-7.3E-6	7.2E-4	-8.1E-4
811	0.876	-0.803	1.439	-1.370	0.192	-0.640	9.1E-4	-7.8E-4	2.7E-6	-2.7E-6	7.5E-4	-8.0E-4
812	0.933	-0.847	1.493	-1.415	0.175	-0.620	7.2E-4	-6.0E-4	7.1E-6	-7.1E-6	7.5E-4	-8.5E-4
813	0.910	-0.829	1.451	-1.379	0.177	-0.620	7.7E-4	-6.5E-4	3.3E-7	-3.3E-7	7.4E-4	-8.3E-4
814	0.936	-0.850	1.460	-1.387	0.169	-0.609	6.3E-4	-5.2E-4	1.8E-5	-1.8E-5	7.6E-4	-8.9E-4
815	0.912	-0.830	1.142	-1.134	0.146	-0.538	3.4E-4	-3.3E-4	7.0E-6	-7.0E-6	7.3E-4	-9.1E-4
816	0.866	-0.796	1.100	-1.094	0.146	-0.536	5.7E-4	-5.8E-4	7.4E-6	-7.4E-6	7.3E-4	-8.7E-4
817	0.819	-0.759	1.035	-1.029	0.147	-0.534	9.5E-4	-9.5E-4	7.5E-6	-7.5E-6	7.1E-4	-8.3E-4

RELAZIONE DI CALCOLO -

818	0.877	-0.804	1.227	-1.198	0.160	-0.569	5.6E-4	-5.2E-4	5.3E-7	-5.3E-7	7.0E-4	-8.7E-4
819	0.871	-0.800	1.164	-1.147	0.153	-0.552	5.7E-4	-5.5E-4	1.2E-5	-1.2E-5	7.1E-4	-8.7E-4
820	0.930	-0.844	1.252	-1.222	0.155	-0.563	4.0E-4	-3.5E-4	1.5E-6	-1.5E-6	7.3E-4	-9.3E-4
821	0.906	-0.826	1.241	-1.212	0.158	-0.566	4.1E-4	-3.6E-4	9.7E-6	-9.7E-6	7.1E-4	-8.9E-4
822	0.823	-0.761	1.357	-1.300	0.197	-0.643	1.0E-3	-8.7E-4	1.2E-6	-1.2E-6	7.2E-4	-7.7E-4
823	0.825	-0.762	1.319	-1.266	0.183	-0.620	1.0E-3	-8.7E-4	3.6E-6	-3.6E-6	7.0E-4	-7.6E-4
824	0.909	-0.828	1.491	-1.415	0.187	-0.637	8.7E-4	-7.3E-4	2.6E-6	-2.6E-6	7.5E-4	-8.1E-4
825	0.932	-0.845	1.532	-1.450	0.182	-0.633	8.4E-4	-7.1E-4	4.2E-6	-4.2E-6	7.9E-4	-8.5E-4
826	0.912	-0.831	1.427	-1.359	0.172	-0.610	7.1E-4	-6.0E-4	7.1E-6	-7.1E-6	7.3E-4	-8.4E-4
827	0.947	-0.857	1.481	-1.404	0.168	-0.608	6.1E-4	-5.0E-4	3.8E-6	-3.8E-6	7.7E-4	-9.0E-4
828	0.818	-0.758	0.965	-0.968	0.140	-0.515	9.1E-4	-9.4E-4	1.9E-6	-1.9E-6	7.4E-4	-8.4E-4
829	0.866	-0.796	1.025	-1.030	0.138	-0.515	5.7E-4	-5.9E-4	1.4E-6	-1.4E-6	7.4E-4	-8.6E-4
830	0.912	-0.831	1.063	-1.069	0.137	-0.516	3.5E-4	-3.7E-4	3.3E-6	-3.3E-6	7.6E-4	-8.9E-4
831	0.821	-0.760	1.161	-1.136	0.161	-0.569	1.0E-3	-9.5E-4	7.4E-6	-7.4E-6	6.8E-4	-8.2E-4
832	0.821	-0.760	1.099	-1.084	0.153	-0.551	9.7E-4	-9.5E-4	5.6E-6	-5.6E-6	6.8E-4	-8.2E-4
833	0.896	-0.819	1.184	-1.166	0.152	-0.552	4.4E-4	-4.2E-4	3.7E-6	-3.7E-6	7.3E-4	-9.0E-4
834	1.491	-1.485	1.429	-1.460	0.155	-0.517	5.1E-4	-4.9E-4	7.6E-6	-7.6E-6	9.6E-4	-8.2E-4
835	1.502	-1.495	1.460	-1.490	0.153	-0.515	2.4E-4	-2.2E-4	3.8E-6	-3.8E-6	9.9E-4	-8.7E-4
836	1.511	-1.504	1.467	-1.495	0.151	-0.514	8.7E-5	-5.5E-5	6.3E-6	-6.3E-6	9.7E-4	-8.6E-4
837	1.498	-1.491	1.589	-1.599	0.150	-0.511	2.4E-4	-2.4E-4	3.5E-6	-3.5E-6	9.8E-4	-8.9E-4
838	1.500	-1.493	1.531	-1.550	0.152	-0.514	2.3E-4	-2.3E-4	6.9E-6	-6.9E-6	9.5E-4	-8.3E-4
839	1.485	-1.479	1.556	-1.566	0.154	-0.515	4.1E-4	-4.1E-4	2.1E-6	-2.1E-6	9.5E-4	-8.4E-4
840	1.512	-1.504	1.387	-1.424	0.155	-0.518	9.2E-5	-7.1E-5	5.6E-7	-5.6E-7	1.0E-3	-8.9E-4
841	1.504	-1.497	1.376	-1.415	0.158	-0.521	2.3E-4	-1.9E-4	6.4E-6	-6.4E-6	1.0E-3	-9.2E-4
842	1.493	-1.486	1.348	-1.390	0.163	-0.526	4.1E-4	-4.1E-4	1.9E-7	-1.9E-7	9.7E-4	-8.7E-4
843	1.509	-1.502	1.601	-1.612	0.147	-0.509	6.0E-5	-6.3E-5	2.1E-6	-2.1E-6	9.5E-4	-8.6E-4
844	1.510	-1.502	1.538	-1.557	0.150	-0.513	6.4E-5	-5.3E-5	2.9E-6	-2.9E-6	9.4E-4	-8.3E-4
845	1.488	-1.481	1.498	-1.518	0.153	-0.515	5.1E-4	-5.1E-4	3.2E-6	-3.2E-6	9.5E-4	-8.1E-4
846	1.477	-1.471	1.563	-1.569	0.160	-0.521	4.6E-4	-4.7E-4	8.0E-7	-8.0E-7	8.6E-4	-7.9E-4
847	1.458	-1.450	1.642	-1.646	0.128	-0.489	6.5E-6	-6.5E-6	9.5E-5	-1.2E-4	7.6E-4	-7.6E-4
848	1.418	-1.410	1.643	-1.647	0.107	-0.469	1.1E-5	-1.1E-5	5.4E-5	-8.2E-5	7.7E-4	-7.8E-4
849	1.371	-1.366	1.644	-1.648	0.084	-0.446	4.3E-6	-4.3E-6	5.9E-5	-7.8E-5	8.4E-4	-9.0E-4
850	1.363	-1.359	1.616	-1.620	0.085	-0.445	4.8E-6	-4.8E-6	1.8E-4	-2.0E-4	8.2E-4	-7.9E-4
851	1.406	-1.402	1.616	-1.619	0.110	-0.471	1.7E-7	-1.7E-7	1.7E-4	-2.1E-4	7.6E-4	-7.9E-4
852	1.447	-1.441	1.615	-1.619	0.134	-0.494	5.1E-8	-5.1E-8	1.3E-4	-1.5E-4	7.1E-4	-7.4E-4
853	1.357	-1.356	1.599	-1.603	0.090	-0.450	5.8E-6	-5.8E-6	2.9E-4	-3.9E-4	8.2E-4	-8.3E-4
854	1.459	-1.448	1.659	-1.663	0.122	-0.484	1.0E-5	-1.0E-5	4.2E-5	-8.9E-5	7.9E-4	-7.6E-4
855	1.412	-1.401	1.658	-1.662	0.103	-0.464	6.1E-6	-6.1E-6	-7.0E-6	-1.4E-4	8.5E-4	-8.5E-4
856	1.369	-1.360	1.657	-1.661	0.083	-0.445	6.8E-6	-6.8E-6	4.7E-6	-1.3E-4	8.8E-4	-9.1E-4
857	1.392	-1.389	1.599	-1.603	0.110	-0.471	3.7E-7	-3.7E-7	2.8E-4	-3.4E-4	7.7E-4	-8.1E-4
858	1.355	-1.342	1.294	-1.341	0.103	-0.470	5.6E-6	-5.6E-6	4.5E-5	-1.3E-4	9.1E-4	-8.9E-4
859	1.408	-1.396	1.295	-1.341	0.124	-0.489	4.8E-6	-4.8E-6	4.2E-5	-1.1E-4	8.3E-4	-8.2E-4
860	1.457	-1.447	1.294	-1.340	0.145	-0.509	1.1E-6	-1.1E-6	9.2E-5	-7.9E-5	8.0E-4	-7.7E-4
861	1.446	-1.436	1.271	-1.319	0.150	-0.513	1.0E-5	-1.0E-5	1.3E-4	-1.6E-4	7.4E-4	-7.4E-4
862	1.397	-1.389	1.271	-1.319	0.122	-0.486	9.6E-6	-9.6E-6	1.6E-4	-2.0E-4	8.0E-4	-8.8E-4
863	1.338	-1.334	1.270	-1.318	0.095	-0.460	4.6E-6	-4.6E-6	1.6E-4	-2.6E-4	9.6E-4	-9.9E-4
864	1.429	-1.419	1.255	-1.303	0.147	-0.510	2.5E-6	-2.5E-6	3.6E-4	-2.8E-4	7.0E-4	-8.2E-4
865	1.473	-1.462	1.307	-1.351	0.147	-0.511	5.0E-6	-5.0E-6	7.5E-5	-1.1E-4	8.2E-4	-7.8E-4
866	1.372	-1.368	1.255	-1.303	0.114	-0.478	9.3E-6	-9.3E-6	2.5E-4	-3.2E-4	9.1E-4	-9.5E-4
867	1.319	-1.319	1.254	-1.302	0.088	-0.452	1.0E-5	-1.0E-5	2.9E-4	-3.7E-4	9.3E-4	-1.0E-3
868	1.485	-1.485	1.597	-1.511	0.241	-0.537	2.4E-3	-2.3E-3	3.6E-6	-3.6E-6	8.1E-4	-9.0E-4
869	1.272	-1.260	1.007	-1.051	-0.036	-0.435	6.7E-6	-6.7E-6	8.2E-7	-1.6E-4	8.4E-4	-9.6E-4
870	1.260	-1.259	0.987	-1.026	-0.045	-0.415	3.1E-6	-3.1E-6	1.6E-4	-2.8E-4	8.1E-4	-8.5E-4
871	1.245	-1.249	0.959	-0.975	0.016	-0.404	6.7E-6	-6.7E-6	3.9E-4	-4.1E-4	8.3E-4	-8.3E-4
872	1.026	-1.046	1.625	-1.628	0.089	-0.447	7.4E-6	-7.4E-6	1.9E-4	-2.1E-4	8.0E-4	-8.8E-4
873	0.911	-0.945	1.625	-1.628	0.189	-0.546	8.2E-6	-8.2E-6	2.5E-4	-2.4E-4	8.0E-4	-8.7E-4
874	0.891	-0.930	1.630	-1.633	0.246	-0.602	6.6E-6	-6.6E-6	3.4E-4	-3.1E-4	7.8E-4	-8.3E-4
875	1.085	-1.098	1.625	-1.629	0.053	-0.412	4.1E-6	-4.1E-6	1.7E-4	-2.0E-4	8.1E-4	-8.8E-4
876	1.143	-1.149	1.627	-1.631	0.038	-0.404	5.9E-6	-5.9E-6	1.5E-4	-1.9E-4	8.3E-4	-9.0E-4
877	1.258	-1.253	1.643	-1.647	0.032	-0.414	6.6E-7	-6.6E-7	6.1E-5	-9.8E-5	8.9E-4	-8.8E-4
878	1.204	-1.203	1.629	-1.633	0.033	-0.405	4.8E-6	-4.8E-6	1.1E-4	-1.6E-4	8.8E-4	-9.4E-4
879	1.263	-1.261	1.615	-1.618	0.033	-0.395	6.5E-6	-6.5E-6	2.0E-4	-2.5E-4	8.9E-4	-9.7E-4
880	0.968	-0.995	1.625	-1.628	0.138	-0.495	4.7E-6	-4.7E-6	2.2E-4	-2.2E-4	7.9E-4	-8.6E-4
881	1.153	-1.161	0.992	-1.031	-0.047	-0.407	4.2E-6	-4.2E-6	8.5E-5	-1.2E-4	8.8E-4	-9.7E-4
882	1.175	-1.179	1.007	-1.050	-0.036	-0.421	6.4E-6	-6.4E-6	1.4E-5	-8.4E-5	8.7E-4	-9.7E-4
883	0.974	-0.887	0.951	-0.966	0.066	-0.404	4.8E-6	-4.8E-6	1.1E-4	-2.3E-4	9.6E-4	-8.2E-4
884	0.987	-0.889	0.968	-0.983	0.065	-0.407	3.4E-6	-3.4E-6	-3.2E-5	-1.3E-4	9.6E-4	-8.4E-4
885	0.993	-0.883	0.983	-0.998	0.066	-0.425	2.3E-6	-2.3E-6	-4.8E-5	-1.5E-4	9.6E-4	-8.4E-4
886	1.018	-0.948	0.951	-0.965	0.024	-0.390	4.3E-6	-4.3E-6	1.4E-4	-2.8E-4	9.6E-4	-7.5E-4
887	1.033	-0.952	0.967	-0.982	0.025	-0.406	2.5E-6	-2.5E-6	-9.6E-6	-1.3E-4	9.6E-4	-7.6E-4
888	1.038	-0.947	0.982	-0.997	0.027	-0.422	2.8E-6	-2.8E-6	-2.7E-5	-1.5E-4	9.5E-4	-7.5E-4
889	1.059	-1.010	0.949	-0.964	-0.013	-0.391	2.5E-6	-2.5E-6	1.7E-4	-2.9E-4	9.7E-4	-7.5E-4

RELAZIONE DI CALCOLO -

890	1.072	-1.015	0.966	-0.981	-0.012	-0.405	6.0E-6	-6.0E-6	2.1E-5	-1.6E-4	9.7E-4	-7.4E-4
891	1.079	-1.013	0.980	-0.996	-0.012	-0.418	4.4E-8	-4.4E-8	-5.4E-5	-1.4E-4	9.7E-4	-7.3E-4
892	1.119	-1.080	0.978	-0.994	-0.027	-0.415	3.6E-6	-3.6E-6	-4.3E-5	-1.2E-4	9.8E-4	-7.4E-4
893	1.160	-1.146	0.973	-0.989	-0.028	-0.410	4.2E-6	-4.2E-6	3.2E-5	-1.3E-4	9.7E-4	-7.9E-4
894	1.095	-1.065	0.947	-0.962	-0.026	-0.392	2.1E-7	-2.1E-7	2.0E-4	-3.1E-4	9.8E-4	-7.6E-4
895	1.110	-1.078	0.962	-0.977	-0.027	-0.402	9.6E-6	-9.6E-6	8.5E-5	-2.0E-4	9.8E-4	-7.6E-4
896	1.149	-1.138	0.954	-0.970	-0.028	-0.398	4.1E-6	-4.1E-6	1.7E-4	-2.6E-4	9.9E-4	-8.1E-4
897	1.125	-1.110	0.944	-0.959	-0.032	-0.391	1.5E-6	-1.5E-6	2.7E-4	-3.5E-4	9.7E-4	-7.9E-4
898	0.979	-0.859	1.693	-1.570	0.135	-0.563	3.9E-6	-3.9E-6	-3.8E-5	-1.2E-4	9.3E-4	-8.9E-4
899	0.973	-0.864	1.672	-1.560	0.136	-0.563	3.0E-6	-3.0E-6	-5.1E-5	-1.1E-4	9.7E-4	-9.3E-4
900	0.964	-0.865	1.644	-1.544	0.140	-0.566	1.6E-6	-1.6E-6	4.6E-5	-1.8E-4	9.5E-4	-9.0E-4
901	0.993	-0.883	1.689	-1.570	0.123	-0.538	6.2E-7	-6.2E-7	-6.1E-6	-1.4E-4	9.4E-4	-8.2E-4
902	0.993	-0.893	1.668	-1.559	0.123	-0.537	4.0E-6	-4.0E-6	-3.0E-5	-1.1E-4	9.4E-4	-8.2E-4
903	0.982	-0.893	1.641	-1.542	0.123	-0.536	5.5E-6	-5.5E-6	1.4E-4	-2.6E-4	9.0E-4	-7.9E-4
904	1.037	-0.944	1.686	-1.569	0.110	-0.512	8.4E-6	-8.4E-6	-1.8E-5	-1.2E-4	9.4E-4	-7.6E-4
905	1.036	-0.952	1.664	-1.557	0.108	-0.509	5.2E-6	-5.2E-6	1.8E-5	-1.4E-4	9.2E-4	-7.5E-4
906	1.026	-0.952	1.638	-1.541	0.106	-0.505	1.5E-6	-1.5E-6	1.5E-4	-2.6E-4	9.3E-4	-7.6E-4
907	1.078	-1.005	1.683	-1.570	0.093	-0.482	3.9E-6	-3.9E-6	-4.6E-5	-9.4E-5	9.6E-4	-7.4E-4
908	1.076	-1.012	1.661	-1.556	0.090	-0.477	6.9E-6	-6.9E-6	5.8E-5	-1.6E-4	9.5E-4	-7.4E-4
909	1.069	-1.013	1.636	-1.540	0.086	-0.472	4.3E-6	-4.3E-6	1.7E-4	-2.5E-4	9.4E-4	-7.4E-4
910	1.118	-1.068	1.681	-1.571	0.073	-0.450	8.5E-6	-8.5E-6	1.1E-5	-9.7E-5	9.8E-4	-7.5E-4
911	1.117	-1.075	1.659	-1.557	0.069	-0.443	1.0E-5	-1.0E-5	1.1E-4	-1.8E-4	9.7E-4	-7.5E-4
912	1.112	-1.076	1.635	-1.540	0.065	-0.437	6.3E-6	-6.3E-6	1.9E-4	-2.5E-4	9.6E-4	-7.6E-4
913	1.154	-1.124	1.680	-1.573	0.054	-0.420	9.2E-6	-9.2E-6	6.9E-5	-1.2E-4	1.0E-3	-7.7E-4
914	1.158	-1.134	1.661	-1.559	0.049	-0.412	1.1E-5	-1.1E-5	1.6E-4	-2.0E-4	9.9E-4	-7.7E-4
915	1.161	-1.145	1.639	-1.544	0.051	-0.409	1.8E-6	-1.8E-6	2.4E-4	-2.6E-4	9.5E-4	-7.7E-4
916	1.219	-1.218	1.650	-1.554	0.056	-0.401	4.4E-6	-4.4E-6	3.5E-4	-3.2E-4	1.0E-3	-8.9E-4
917	1.202	-1.195	1.670	-1.569	0.054	-0.405	1.5E-6	-1.5E-6	1.7E-4	-1.7E-4	1.0E-3	-8.2E-4
918	1.184	-1.169	1.682	-1.576	0.052	-0.408	2.6E-6	-2.6E-6	1.0E-4	-1.2E-4	1.0E-3	-7.9E-4
919	0.958	-0.861	1.395	-1.339	0.166	-0.569	6.2E-4	-5.4E-4	9.0E-6	-9.0E-6	7.6E-4	-7.9E-4
920	0.967	-0.860	1.434	-1.372	0.164	-0.568	4.2E-4	-3.5E-4	1.6E-6	-1.6E-6	7.5E-4	-9.8E-4
921	0.975	-0.859	1.455	-1.388	0.163	-0.567	1.3E-4	-5.4E-5	3.9E-6	-3.9E-6	7.5E-4	-1.0E-3
922	0.982	-0.858	1.455	-1.382	0.162	-0.567	2.7E-4	-1.9E-4	8.2E-6	-8.2E-6	7.4E-4	-1.0E-3
923	0.982	-0.858	1.269	-1.246	0.151	-0.531	2.1E-4	-1.8E-4	2.6E-6	-2.6E-6	7.8E-4	-1.0E-3
924	0.976	-0.860	1.270	-1.249	0.151	-0.530	1.1E-4	-8.1E-5	1.1E-6	-1.1E-6	8.1E-4	-1.0E-3
925	0.968	-0.862	1.251	-1.233	0.152	-0.530	3.9E-4	-3.5E-4	6.6E-6	-6.6E-6	8.0E-4	-1.0E-3
926	0.960	-0.863	1.216	-1.200	0.152	-0.530	5.6E-4	-5.2E-4	4.7E-6	-4.7E-6	7.8E-4	-9.8E-4
927	0.969	-0.860	1.133	-1.135	0.141	-0.503	2.5E-4	-2.3E-4	3.6E-6	-3.6E-6	8.7E-4	-9.9E-4
928	0.969	-0.862	1.192	-1.186	0.146	-0.517	3.2E-4	-2.9E-4	7.4E-6	-7.4E-6	8.3E-4	-1.0E-3
929	0.961	-0.863	1.145	-1.143	0.145	-0.513	5.1E-4	-4.7E-4	9.8E-7	-9.8E-7	8.0E-4	-9.6E-4
930	0.960	-0.862	1.096	-1.101	0.140	-0.501	4.4E-4	-4.0E-4	6.1E-6	-6.1E-6	8.3E-4	-9.4E-4
931	0.958	-0.860	1.462	-1.391	0.169	-0.580	6.0E-4	-5.2E-4	5.3E-6	-5.3E-6	7.5E-4	-9.5E-4
932	0.961	-0.862	1.525	-1.441	0.171	-0.592	5.6E-4	-4.5E-4	8.0E-6	-8.0E-6	7.7E-4	-9.3E-4
933	0.964	-0.864	1.586	-1.492	0.174	-0.604	4.3E-4	-3.0E-4	1.5E-6	-1.5E-6	8.2E-4	-9.3E-4
934	0.973	-0.862	1.619	-1.513	0.166	-0.597	2.7E-4	-1.5E-4	3.8E-6	-3.8E-6	8.9E-4	-1.0E-3
935	0.981	-0.859	1.630	-1.514	0.162	-0.592	9.6E-5	2.6E-5	6.6E-6	-6.6E-6	8.3E-4	-9.9E-4
936	0.969	-0.860	1.501	-1.423	0.167	-0.579	3.6E-4	-2.7E-4	9.5E-6	-9.5E-6	7.6E-4	-9.7E-4
937	0.971	-0.861	1.562	-1.469	0.168	-0.589	2.8E-4	-1.8E-4	7.9E-6	-7.9E-6	8.1E-4	-9.9E-4
938	0.980	-0.859	1.567	-1.467	0.165	-0.585	1.4E-4	-3.3E-5	5.9E-6	-5.9E-6	7.7E-4	-9.8E-4
939	0.977	-0.859	1.512	-1.429	0.165	-0.577	8.0E-5	1.0E-5	4.4E-6	-4.4E-6	7.5E-4	-9.8E-4
940	0.983	-0.858	1.503	-1.416	0.164	-0.575	2.6E-4	-1.7E-4	9.7E-6	-9.7E-6	7.4E-4	-9.9E-4
941	0.982	-0.858	1.363	-1.315	0.158	-0.550	2.6E-4	-2.0E-4	5.2E-6	-5.2E-6	7.6E-4	-1.0E-3
942	0.975	-0.860	1.364	-1.321	0.158	-0.550	1.2E-4	-6.4E-5	7.3E-6	-7.3E-6	7.7E-4	-1.0E-3
943	0.968	-0.862	1.344	-1.304	0.159	-0.550	4.2E-4	-3.7E-4	1.2E-6	-1.2E-6	7.8E-4	-1.0E-3
944	0.960	-0.863	1.305	-1.270	0.160	-0.551	6.0E-4	-5.5E-4	7.1E-6	-7.1E-6	7.7E-4	-9.9E-4
945	0.982	-0.858	1.175	-1.171	0.144	-0.511	1.1E-4	-1.1E-4	4.7E-7	-4.7E-7	8.5E-4	-1.0E-3
946	0.976	-0.860	1.199	-1.191	0.146	-0.516	8.5E-5	-6.6E-5	9.1E-6	-9.1E-6	8.4E-4	-1.0E-3
947	0.975	-0.859	1.139	-1.141	0.141	-0.503	9.3E-5	-8.6E-5	1.8E-6	-1.8E-6	8.8E-4	-1.0E-3
948	0.980	-0.857	1.027	-1.040	0.130	-0.477	7.3E-5	-7.8E-5	5.1E-6	-5.1E-6	8.7E-4	-9.1E-4
949	0.969	-0.859	1.016	-1.028	0.131	-0.478	2.0E-4	-2.0E-4	4.9E-6	-4.9E-6	9.4E-4	-9.9E-4
950	0.958	-0.859	0.994	-1.007	0.132	-0.478	2.9E-4	-2.8E-4	9.0E-6	-9.0E-6	9.0E-4	-9.3E-4

4.2.1.2 Involuppi SLD.

Tabella 19.I

STATO LIMITE DI DANNO												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.087	-0.098	0.105	-0.107	-0.140	-0.221	8.0E-5	-9.4E-5	8.5E-5	-3.2E-5	2.2E-4	-2.0E-4
2	0.087	-0.098	0.058	-0.051	-0.141	-0.237	6.8E-5	-2.4E-4	7.9E-5	-1.6E-4	1.9E-4	-1.8E-4

RELAZIONE DI CALCOLO -

3	0.092	-0.073	0.051	-0.056	-0.101	-0.217	1.5E-4	-1.7E-4	1.8E-4	-1.1E-4	1.3E-4	-1.8E-4
4	0.091	-0.073	0.105	-0.108	-0.111	-0.191	1.5E-4	-2.8E-5	8.2E-5	-1.2E-4	1.6E-4	-2.1E-4
5	0.039	-0.040	0.059	-0.050	-0.151	-0.186	2.2E-5	-2.8E-4	-1.5E-5	-5.2E-5	1.2E-4	-1.1E-4
6	0.040	-0.041	0.054	-0.054	-0.153	-0.194	1.1E-4	-5.0E-5	3.7E-5	-1.1E-4	5.8E-5	-4.2E-5
7	0.040	-0.041	0.052	-0.056	-0.145	-0.192	1.3E-4	-3.4E-5	1.1E-4	3.0E-5	5.2E-5	-3.8E-5
8	0.039	-0.039	0.053	-0.056	-0.133	-0.175	1.1E-4	-2.2E-4	4.7E-5	1.2E-5	8.7E-5	-1.2E-4
9	0.069	-0.070	0.105	-0.107	-0.155	-0.204	7.7E-5	-8.1E-5	2.7E-4	7.6E-5	1.9E-4	-1.7E-4
10	0.048	-0.048	0.056	-0.054	-0.161	-0.200	6.9E-5	-7.1E-5	1.3E-4	-1.3E-4	3.5E-5	-2.4E-5
11	0.048	-0.048	0.053	-0.056	-0.154	-0.199	8.0E-5	-5.2E-5	1.3E-4	-1.2E-4	4.0E-5	-2.8E-5
12	0.070	-0.069	0.106	-0.109	-0.139	-0.192	1.5E-4	-1.4E-5	2.7E-6	-3.0E-4	1.4E-4	-1.8E-4
13	0.060	-0.063	0.058	-0.053	-0.131	-0.187	4.1E-5	-9.6E-5	8.0E-5	-1.1E-4	1.5E-4	-1.2E-4
14	0.060	-0.063	0.055	-0.055	-0.139	-0.197	4.9E-5	-7.8E-5	2.3E-5	-1.7E-4	1.4E-4	-1.3E-4
15	0.071	-0.072	0.105	-0.105	-0.129	-0.238	1.1E-4	-9.0E-5	1.3E-4	-2.2E-5	2.0E-4	-2.0E-4
16	0.065	-0.066	0.049	-0.045	-0.124	-0.196	9.7E-5	-1.3E-4	8.7E-5	-2.5E-5	1.0E-4	-1.1E-4
17	0.068	-0.070	0.047	-0.047	-0.141	-0.211	1.1E-4	-9.0E-5	-2.4E-5	-1.3E-4	1.1E-4	-1.1E-4
18	0.071	-0.073	0.107	-0.109	-0.176	-0.271	1.6E-4	-5.0E-6	-2.8E-5	-1.7E-4	2.0E-4	-2.0E-4
19	0.065	-0.066	0.058	-0.053	-0.123	-0.191	6.1E-5	-1.0E-4	9.4E-5	-4.7E-5	1.4E-4	-1.3E-4
20	0.067	-0.070	0.055	-0.055	-0.133	-0.202	7.9E-5	-8.2E-5	-5.9E-6	-1.4E-4	1.3E-4	-1.3E-4
21	0.137	-0.136	0.138	-0.140	-0.144	-0.230	1.0E-4	-9.6E-5	4.1E-5	-5.1E-5	7.5E-5	-9.1E-5
22	0.138	-0.135	0.089	-0.129	-0.144	-0.260	-2.9E-5	-2.8E-4	-3.8E-4	-5.5E-4	6.9E-5	-9.8E-5
23	0.139	-0.134	0.105	-0.108	-0.105	-0.231	2.2E-6	-2.5E-4	6.0E-4	4.3E-4	6.6E-5	-1.0E-4
24	0.140	-0.133	0.161	-0.116	-0.113	-0.199	1.6E-4	-1.8E-5	1.1E-4	-9.3E-5	6.5E-5	-1.0E-4
25	0.115	-0.118	0.090	-0.128	-0.126	-0.264	-9.0E-4	-1.2E-3	7.4E-5	3.6E-5	8.5E-5	-8.0E-5
26	0.118	-0.119	0.075	-0.090	-0.139	-0.259	-8.8E-4	-1.2E-3	1.5E-4	-1.4E-5	6.4E-5	-1.0E-4
27	0.118	-0.119	0.075	-0.084	-0.136	-0.256	-8.4E-4	-1.2E-3	8.6E-7	-8.5E-5	7.2E-5	-9.3E-5
28	0.116	-0.117	0.108	-0.109	-0.113	-0.250	-8.5E-4	-1.2E-3	1.9E-5	-3.1E-5	5.0E-5	-1.2E-4
29	0.123	-0.128	0.139	-0.140	-0.153	-0.240	-7.9E-4	-1.1E-3	-6.7E-5	-3.1E-4	1.0E-4	-6.3E-5
30	0.107	-0.109	0.075	-0.090	-0.133	-0.251	4.1E-5	-1.1E-4	1.4E-4	-1.3E-4	6.6E-5	-1.0E-4
31	0.108	-0.109	0.076	-0.084	-0.133	-0.251	5.1E-5	-8.3E-5	1.4E-4	-1.3E-4	8.0E-5	-8.5E-5
32	0.128	-0.125	0.161	-0.116	-0.139	-0.225	-7.6E-4	-1.2E-3	3.3E-4	7.2E-6	5.3E-5	-1.1E-4
33	0.076	-0.097	0.074	-0.090	-0.124	-0.221	5.8E-7	-5.8E-7	1.2E-4	-5.1E-5	9.0E-5	-1.2E-4
34	0.109	-0.064	0.075	-0.084	-0.134	-0.231	3.6E-7	-3.6E-7	1.0E-5	-1.6E-4	1.3E-4	-6.6E-5
35	0.074	-0.103	0.140	-0.139	-0.130	-0.252	1.0E-4	-1.0E-4	9.5E-5	-4.1E-5	8.8E-5	-7.7E-5
36	0.076	-0.098	0.083	-0.099	-0.125	-0.223	4.5E-5	-1.2E-4	2.0E-7	-2.0E-7	9.1E-5	-7.5E-5
37	0.111	-0.063	0.084	-0.091	-0.142	-0.239	8.4E-5	-1.3E-4	9.3E-7	-9.3E-7	5.6E-5	-1.1E-4
38	0.139	-0.135	0.079	-0.096	-0.345	-0.499	-6.4E-4	-9.3E-4	-1.6E-4	-3.2E-4	6.2E-5	-1.0E-4
39	0.139	-0.134	0.083	-0.093	-0.339	-0.493	-5.9E-4	-9.5E-4	4.0E-4	2.1E-4	7.0E-5	-9.5E-5
40	0.116	-0.062	0.163	-0.115	-0.179	-0.293	1.6E-4	-2.0E-5	-3.9E-6	-1.3E-4	7.6E-5	-9.0E-5
41	0.076	-0.098	0.074	-0.091	-0.124	-0.212	3.6E-5	-1.2E-4	9.8E-5	-2.5E-5	7.8E-5	-8.7E-5
42	0.111	-0.063	0.075	-0.084	-0.135	-0.223	4.5E-5	-9.5E-5	-2.8E-5	-1.3E-4	8.5E-5	-8.0E-5
43	0.176	-0.169	0.169	-0.170	-0.114	-0.282	6.5E-5	-6.4E-5	3.3E-5	-5.4E-5	9.8E-5	-9.8E-5
44	0.175	-0.170	0.111	-0.157	-0.100	-0.305	-6.1E-5	-1.9E-4	-3.8E-4	-5.2E-4	9.6E-5	-1.0E-4
45	0.173	-0.172	0.145	-0.115	-0.068	-0.276	5.2E-5	-2.8E-4	6.1E-4	4.6E-4	4.2E-5	-1.5E-4
46	0.173	-0.172	0.212	-0.122	-0.084	-0.249	2.7E-4	-1.2E-4	1.6E-4	-1.4E-4	8.1E-5	-1.1E-4
47	0.147	-0.149	0.112	-0.157	-0.090	-0.323	-8.2E-4	-1.2E-3	6.6E-5	2.5E-5	1.1E-4	-8.3E-5
48	0.150	-0.151	0.086	-0.121	-0.096	-0.312	-8.6E-4	-1.2E-3	1.4E-4	9.0E-7	7.1E-5	-1.3E-4
49	0.150	-0.152	0.090	-0.108	-0.093	-0.309	-8.1E-4	-1.2E-3	2.9E-6	-6.6E-5	6.3E-5	-1.3E-4
50	0.145	-0.150	0.147	-0.117	-0.077	-0.309	-7.3E-4	-1.1E-3	5.2E-5	6.1E-6	3.1E-5	-1.7E-4
51	0.148	-0.153	0.169	-0.170	-0.110	-0.290	-7.0E-4	-1.1E-3	-1.2E-4	-2.6E-4	1.2E-4	-7.3E-5
52	0.136	-0.141	0.086	-0.121	-0.090	-0.301	2.3E-5	-9.8E-5	7.9E-5	-7.3E-5	6.5E-5	-1.3E-4
53	0.137	-0.140	0.091	-0.108	-0.089	-0.301	4.6E-5	-7.9E-5	6.2E-5	-8.4E-5	1.2E-4	-8.0E-5
54	0.151	-0.150	0.212	-0.122	-0.095	-0.274	-5.9E-4	-1.0E-3	2.0E-4	-1.7E-5	6.1E-5	-1.4E-4
55	0.084	-0.126	0.086	-0.121	-0.079	-0.273	1.4E-4	-1.6E-4	9.5E-5	-8.5E-6	8.9E-5	-1.1E-4
56	0.151	-0.059	0.091	-0.108	-0.090	-0.284	7.5E-5	2.9E-6	-4.1E-5	-7.4E-5	1.1E-4	-8.8E-5
57	0.084	-0.128	0.170	-0.169	-0.100	-0.303	2.2E-4	-2.2E-4	9.3E-5	-3.7E-5	9.3E-5	-1.0E-4
58	0.084	-0.127	0.096	-0.131	-0.081	-0.275	1.8E-4	-2.3E-4	1.1E-4	-9.1E-5	1.0E-4	-9.5E-5
59	0.151	-0.060	0.100	-0.116	-0.098	-0.292	5.4E-5	-2.0E-5	-1.7E-5	-4.8E-5	8.1E-5	-1.2E-4
60	0.175	-0.170	0.086	-0.121	-0.329	-0.536	-6.3E-4	-9.0E-4	-1.6E-4	-3.2E-4	6.9E-5	-1.3E-4
61	0.174	-0.171	0.090	-0.108	-0.324	-0.531	-5.6E-4	-9.5E-4	3.7E-4	2.2E-4	5.9E-5	-1.4E-4
62	0.152	-0.059	0.213	-0.121	-0.141	-0.345	1.3E-4	8.5E-6	-3.2E-5	-9.8E-5	8.2E-5	-1.1E-4
63	0.151	-0.060	0.091	-0.108	-0.091	-0.283	2.5E-5	-2.1E-5	-5.9E-5	-7.5E-5	8.8E-5	-1.1E-4
64	0.181	-0.174	0.177	-0.181	-0.043	-0.319	2.6E-5	-2.2E-5	4.3E-5	-4.4E-5	1.4E-4	-6.0E-5
65	0.181	-0.174	0.121	-0.164	-0.026	-0.338	4.1E-5	-6.9E-5	-3.5E-5	-1.2E-4	1.5E-4	-5.5E-5
66	0.175	-0.180	0.151	-0.123	-0.044	-0.261	3.6E-4	-1.8E-4	1.4E-4	-3.6E-4	7.4E-5	-1.3E-4
67	0.178	-0.177	0.221	-0.129	-0.060	-0.234	3.6E-4	-2.0E-4	1.8E-4	-1.7E-4	8.7E-5	-1.2E-4
68	0.163	-0.141	0.121	-0.164	-0.027	-0.345	-6.5E-4	-1.7E-3	4.7E-5	-3.0E-6	1.4E-4	-6.6E-5
69	0.166	-0.144	0.084	-0.138	-0.031	-0.331	-6.2E-4	-1.7E-3	2.9E-4	1.9E-4	9.9E-5	-1.0E-4
70	0.155	-0.155	0.097	-0.115	-0.055	-0.298	1.1E-3	-1.6E-3	-4.3E-5	-1.2E-4	4.1E-5	-1.6E-4
71	0.149	-0.155	0.161	-0.118	-0.040	-0.300	1.1E-3	-1.7E-3	7.0E-5	3.1E-5	1.9E-5	-1.8E-4
72	0.165	-0.145	0.177	-0.181	-0.050	-0.313	-5.8E-4	-1.6E-3	-1.8E-4	-3.3E-4	1.3E-4	-6.8E-5
73	0.147	-0.137	0.086	-0.136	-0.032	-0.316	6.2E-7	-6.2E-7	-9.5E-6	-9.5E-5	3.7E-5	-1.7E-4
74	0.144	-0.140	0.097	-0.115	-0.046	-0.300	8.9E-8	-8.9E-8	-2.1E-5	-4.7E-5	1.5E-4	-5.0E-5

RELAZIONE DI CALCOLO -

75	0.153	-0.157	0.225	-0.125	-0.062	-0.268	1.1E-3	-1.6E-3	8.0E-5	1.2E-5	6.2E-5	-1.4E-4
76	0.086	-0.128	0.094	-0.128	-0.051	-0.265	1.1E-4	3.5E-6	1.6E-5	-2.4E-5	1.2E-4	-8.6E-5
77	0.175	-0.040	0.098	-0.114	-0.022	-0.318	1.8E-5	-2.9E-5	-6.9E-5	-1.1E-4	8.4E-5	-1.2E-4
78	0.087	-0.128	0.178	-0.180	-0.072	-0.284	3.5E-4	-3.6E-4	8.9E-5	-4.0E-5	9.5E-5	-1.1E-4
79	0.088	-0.128	0.104	-0.138	-0.057	-0.260	1.6E-4	-1.1E-4	1.3E-5	-9.1E-5	1.2E-4	-8.2E-5
80	0.174	-0.041	0.109	-0.120	-0.027	-0.329	2.6E-6	-4.5E-5	-3.5E-5	-9.0E-5	7.4E-5	-1.3E-4
81	0.174	-0.041	0.244	-0.106	-0.064	-0.377	8.5E-5	5.8E-5	-5.5E-5	-7.8E-5	5.8E-5	-1.4E-4
82	0.175	-0.041	0.098	-0.114	-0.020	-0.319	9.0E-6	-2.4E-5	-5.8E-5	-8.3E-5	7.9E-5	-1.2E-4
83	0.133	-0.134	0.132	-0.134	-0.143	-0.225	1.0E-4	-1.0E-4	6.5E-5	-1.3E-4	1.3E-4	-1.7E-4
84	0.087	-0.098	0.098	-0.100	-0.140	-0.219	8.2E-5	-1.1E-4	6.6E-5	-3.6E-5	1.9E-4	-1.9E-4
85	0.087	-0.099	0.081	-0.081	-0.143	-0.217	8.5E-5	-1.5E-4	3.9E-5	-8.8E-5	1.3E-4	-1.6E-4
86	0.137	-0.136	0.135	-0.138	-0.145	-0.233	1.2E-4	-1.1E-4	1.4E-6	-1.4E-6	9.7E-5	-6.9E-5
87	0.137	-0.136	0.122	-0.135	-0.149	-0.237	1.1E-4	-1.4E-4	5.8E-7	-5.8E-7	2.1E-4	-5.6E-5
88	0.134	-0.124	0.150	-0.115	-0.113	-0.193	1.6E-4	-2.6E-5	1.6E-4	-1.1E-4	1.1E-4	-1.2E-4
89	0.092	-0.073	0.077	-0.082	-0.113	-0.189	1.6E-4	-8.9E-5	1.3E-4	-8.4E-5	1.6E-4	-1.5E-4
90	0.092	-0.073	0.097	-0.101	-0.111	-0.189	1.5E-4	-4.5E-5	8.4E-5	-1.0E-4	1.7E-4	-2.0E-4
91	0.140	-0.133	0.142	-0.112	-0.117	-0.207	1.4E-4	-2.5E-5	5.8E-8	-5.8E-8	5.8E-5	-2.2E-4
92	0.140	-0.133	0.157	-0.114	-0.114	-0.202	1.6E-4	-2.3E-5	9.8E-7	-9.8E-7	4.8E-5	-1.2E-4
93	0.065	-0.065	0.062	-0.062	-0.128	-0.219	1.4E-4	-1.4E-4	1.1E-4	1.8E-6	2.1E-4	-2.2E-4
94	0.065	-0.066	0.036	-0.035	-0.127	-0.208	1.4E-4	-1.6E-4	5.2E-5	-3.1E-5	7.8E-5	-8.7E-5
95	0.074	-0.099	0.125	-0.127	-0.133	-0.249	8.7E-5	-9.8E-5	7.4E-8	-7.4E-8	9.4E-5	-7.1E-5
96	0.075	-0.099	0.109	-0.117	-0.131	-0.241	1.0E-4	-1.3E-4	7.8E-8	-7.8E-8	1.0E-4	-6.6E-5
97	0.068	-0.070	0.036	-0.036	-0.157	-0.234	1.7E-4	-9.2E-5	-1.9E-5	-5.6E-5	9.9E-5	-9.6E-5
98	0.067	-0.069	0.066	-0.067	-0.164	-0.249	1.7E-4	-5.6E-5	-5.9E-5	-1.2E-4	2.4E-4	-2.3E-4
99	0.112	-0.062	0.123	-0.100	-0.161	-0.271	1.8E-4	-1.3E-4	2.2E-8	-2.2E-8	2.4E-5	-1.4E-4
100	0.112	-0.062	0.146	-0.105	-0.172	-0.283	1.9E-4	-7.4E-5	1.1E-7	-1.1E-7	5.0E-5	-1.2E-4
101	0.173	-0.168	0.165	-0.166	-0.120	-0.276	9.9E-5	-1.0E-4	6.4E-5	-9.0E-5	9.8E-5	-1.0E-4
102	0.176	-0.169	0.165	-0.167	-0.113	-0.284	6.8E-5	-7.2E-5	6.1E-7	-6.1E-7	1.3E-4	-6.7E-5
103	0.176	-0.169	0.150	-0.164	-0.109	-0.290	7.0E-5	-5.7E-5	1.3E-7	-1.3E-7	1.8E-4	-2.0E-5
104	0.173	-0.172	0.189	-0.118	-0.077	-0.258	3.2E-4	-1.7E-4	2.0E-7	-2.0E-7	3.4E-5	-2.1E-4
105	0.173	-0.172	0.207	-0.119	-0.082	-0.251	2.9E-4	-1.4E-4	2.2E-6	-2.2E-6	5.1E-5	-1.5E-4
106	0.169	-0.167	0.205	-0.121	-0.090	-0.242	1.5E-4	-4.8E-6	1.1E-4	-9.4E-5	1.1E-4	-1.4E-4
107	0.084	-0.128	0.130	-0.148	-0.088	-0.289	2.5E-4	-2.8E-4	3.2E-7	-3.2E-7	1.4E-4	-5.8E-5
108	0.084	-0.128	0.144	-0.152	-0.092	-0.293	2.6E-4	-2.7E-4	3.3E-7	-3.3E-7	1.3E-4	-6.4E-5
109	0.074	-0.099	0.119	-0.123	-0.133	-0.247	9.8E-5	-1.1E-4	6.4E-8	-6.4E-8	9.7E-5	-6.9E-5
110	0.152	-0.060	0.166	-0.116	-0.122	-0.323	9.3E-5	-2.0E-5	1.3E-6	-1.3E-6	-8.9E-6	-2.1E-4
111	0.152	-0.060	0.187	-0.115	-0.129	-0.331	1.1E-4	-1.4E-5	7.1E-7	-7.1E-7	1.4E-5	-1.8E-4
112	0.111	-0.062	0.131	-0.101	-0.165	-0.276	2.0E-4	-1.3E-4	8.9E-7	-8.9E-7	2.5E-5	-1.4E-4
113	0.112	-0.062	0.144	-0.104	-0.171	-0.282	1.9E-4	-7.8E-5	9.2E-7	-9.2E-7	4.9E-5	-1.2E-4
114	0.137	-0.136	0.130	-0.136	-0.147	-0.235	1.2E-4	-1.3E-4	9.4E-7	-9.4E-7	1.9E-4	-6.5E-5
115	0.138	-0.136	0.109	-0.135	-0.150	-0.245	9.2E-5	-1.5E-4	6.7E-7	-6.7E-7	1.6E-4	-3.2E-5
116	0.138	-0.136	0.098	-0.133	-0.147	-0.252	1.1E-4	-1.3E-4	4.0E-7	-4.0E-7	1.5E-4	-4.3E-5
117	0.087	-0.098	0.089	-0.090	-0.141	-0.218	8.3E-5	-1.3E-4	3.9E-5	-5.2E-5	1.6E-4	-1.8E-4
118	0.087	-0.099	0.071	-0.068	-0.145	-0.220	8.5E-5	-1.9E-4	6.9E-5	-1.3E-4	7.8E-5	-1.2E-4
119	0.087	-0.099	0.065	-0.059	-0.144	-0.227	7.9E-5	-2.1E-4	8.9E-5	-1.5E-4	8.5E-5	-1.1E-4
120	0.117	-0.124	0.123	-0.125	-0.142	-0.224	9.1E-5	-8.9E-5	1.7E-4	-2.4E-4	1.6E-4	-2.2E-4
121	0.097	-0.109	0.114	-0.116	-0.141	-0.223	1.6E-4	-1.4E-4	1.7E-4	-2.0E-4	1.8E-4	-2.2E-4
122	0.125	-0.128	0.081	-0.113	-0.142	-0.248	1.8E-4	-1.3E-4	4.1E-4	5.1E-5	1.2E-4	-9.4E-5
123	0.114	-0.116	0.072	-0.095	-0.141	-0.238	5.6E-5	-2.5E-4	-3.8E-5	-2.5E-4	1.5E-4	-1.2E-4
124	0.100	-0.108	0.065	-0.073	-0.141	-0.238	7.7E-5	-2.6E-4	1.8E-4	-1.2E-4	1.9E-4	-1.5E-4
125	0.122	-0.127	0.139	-0.140	-0.155	-0.237	8.1E-7	-8.1E-7	8.7E-5	-2.0E-4	6.0E-5	-1.1E-4
126	0.130	-0.132	0.139	-0.140	-0.150	-0.233	4.5E-8	-4.5E-8	7.7E-5	-1.3E-4	5.8E-5	-1.1E-4
127	0.071	-0.075	0.105	-0.107	-0.150	-0.210	7.2E-5	-8.6E-5	2.0E-4	3.5E-5	2.5E-4	-2.0E-4
128	0.072	-0.080	0.105	-0.107	-0.145	-0.216	7.7E-5	-8.5E-5	1.4E-4	9.7E-7	2.6E-4	-2.1E-4
129	0.101	-0.124	0.131	-0.132	-0.159	-0.226	7.6E-8	-7.6E-8	2.5E-4	-2.6E-4	9.5E-5	-1.2E-4
130	0.083	-0.108	0.122	-0.124	-0.158	-0.213	5.2E-7	-5.2E-7	2.6E-4	-2.7E-4	1.2E-4	-1.5E-4
131	0.069	-0.090	0.114	-0.115	-0.156	-0.207	7.1E-8	-7.1E-8	2.9E-4	-1.9E-4	1.6E-4	-1.6E-4
132	0.131	-0.129	0.090	-0.129	-0.137	-0.261	6.2E-8	-6.2E-8	2.1E-4	-9.3E-5	7.6E-5	-8.9E-5
133	0.122	-0.123	0.090	-0.128	-0.131	-0.262	9.5E-8	-9.5E-8	1.2E-4	-1.6E-4	6.2E-5	-1.0E-4
134	0.069	-0.078	0.058	-0.051	-0.146	-0.217	6.0E-5	-2.5E-4	5.8E-5	-1.3E-4	2.6E-4	-2.1E-4
135	0.052	-0.056	0.059	-0.051	-0.150	-0.199	2.8E-5	-2.8E-4	2.4E-5	-9.2E-5	2.3E-4	-1.9E-4
136	0.104	-0.102	0.081	-0.112	-0.134	-0.245	5.8E-8	-5.8E-8	3.0E-4	-3.0E-4	6.4E-5	-5.1E-5
137	0.077	-0.074	0.073	-0.094	-0.143	-0.225	6.5E-8	-6.5E-8	3.3E-4	-3.1E-4	1.7E-4	-1.4E-4
138	0.052	-0.049	0.065	-0.073	-0.152	-0.204	2.9E-7	-2.9E-7	2.4E-4	-2.6E-4	2.1E-4	-1.7E-4
139	0.140	-0.134	0.115	-0.111	-0.109	-0.223	1.6E-4	-3.4E-5	1.3E-7	-1.3E-7	3.2E-5	-1.6E-4
140	0.140	-0.133	0.128	-0.112	-0.114	-0.215	1.2E-4	-4.7E-5	5.1E-7	-5.1E-7	2.8E-5	-1.7E-4
141	0.140	-0.133	0.150	-0.113	-0.115	-0.204	1.6E-4	-4.1E-5	1.0E-6	-1.0E-6	6.3E-5	-2.0E-4
142	0.092	-0.073	0.058	-0.061	-0.106	-0.205	1.6E-4	-1.5E-4	1.8E-4	-1.2E-4	9.8E-5	-1.0E-4
143	0.092	-0.073	0.066	-0.069	-0.112	-0.195	1.6E-4	-1.2E-4	1.7E-4	-1.1E-4	1.2E-4	-1.0E-4
144	0.092	-0.073	0.086	-0.092	-0.112	-0.188	1.6E-4	-6.7E-5	9.7E-5	-8.2E-5	1.8E-4	-1.8E-4
145	0.130	-0.119	0.091	-0.098	-0.103	-0.219	2.7E-4	-4.5E-5	-2.2E-5	-5.0E-4	6.6E-5	-1.4E-4
146	0.116	-0.105	0.075	-0.086	-0.101	-0.217	1.2E-4	-2.0E-4	2.8E-4	3.3E-5	9.4E-5	-1.6E-4

RELAZIONE DI CALCOLO -

147	0.104	-0.089	0.062	-0.070	-0.101	-0.217	1.8E-4	-1.9E-4	1.5E-4	-2.3E-4	1.1E-4	-1.9E-4
148	0.121	-0.106	0.135	-0.113	-0.112	-0.192	1.6E-4	-1.8E-5	2.3E-4	-1.7E-4	1.5E-4	-1.4E-4
149	0.105	-0.086	0.120	-0.111	-0.111	-0.191	2.2E-4	-7.8E-5	2.1E-4	-1.8E-4	1.6E-4	-1.7E-4
150	0.124	-0.122	0.106	-0.109	-0.112	-0.243	1.2E-5	-9.0E-6	1.5E-4	-1.2E-4	8.2E-5	-8.4E-5
151	0.131	-0.128	0.106	-0.109	-0.111	-0.237	7.2E-6	-1.7E-5	9.4E-5	-2.2E-4	6.8E-5	-9.8E-5
152	0.053	-0.048	0.052	-0.056	-0.126	-0.183	1.2E-4	-2.2E-4	9.0E-5	-2.8E-5	1.3E-4	-2.1E-4
153	0.073	-0.061	0.051	-0.056	-0.114	-0.201	1.4E-4	-1.8E-4	1.4E-4	-7.7E-5	1.5E-4	-2.4E-4
154	0.099	-0.106	0.093	-0.098	-0.122	-0.231	2.3E-5	-2.2E-5	3.0E-4	-2.8E-4	1.2E-5	-1.0E-4
155	0.072	-0.079	0.079	-0.086	-0.131	-0.212	2.4E-5	-2.4E-5	3.2E-4	-3.1E-4	9.6E-5	-1.7E-4
156	0.047	-0.052	0.065	-0.072	-0.137	-0.192	2.1E-5	-1.7E-5	2.7E-4	-2.3E-4	1.4E-4	-2.0E-4
157	0.133	-0.128	0.161	-0.116	-0.125	-0.207	9.6E-7	-9.6E-7	1.6E-4	-1.0E-4	7.7E-5	-8.8E-5
158	0.128	-0.122	0.161	-0.116	-0.136	-0.216	5.1E-7	-5.1E-7	2.2E-4	-9.7E-5	8.2E-5	-8.3E-5
159	0.081	-0.067	0.105	-0.108	-0.122	-0.189	1.5E-4	-1.8E-5	6.5E-5	-1.8E-4	1.4E-4	-2.3E-4
160	0.076	-0.069	0.105	-0.109	-0.132	-0.189	1.4E-4	-1.9E-5	3.9E-5	-2.5E-4	1.3E-4	-2.2E-4
161	0.123	-0.104	0.147	-0.114	-0.142	-0.211	2.6E-7	-2.6E-7	2.5E-4	-2.2E-4	1.0E-4	-1.0E-4
162	0.107	-0.085	0.133	-0.112	-0.141	-0.198	2.6E-7	-2.6E-7	2.7E-4	-2.5E-4	1.2E-4	-1.2E-4
163	0.089	-0.071	0.120	-0.111	-0.140	-0.194	8.2E-9	-8.2E-9	2.0E-4	-2.8E-4	1.3E-4	-1.5E-4
164	0.112	-0.113	0.075	-0.090	-0.135	-0.254	6.8E-7	-6.8E-7	1.4E-4	-1.3E-4	9.0E-5	-7.6E-5
165	0.044	-0.044	0.055	-0.054	-0.158	-0.198	1.0E-4	-5.4E-5	8.9E-5	-1.2E-4	7.9E-5	-7.1E-5
166	0.107	-0.103	0.071	-0.080	-0.150	-0.241	8.0E-7	-8.0E-7	2.3E-4	-2.5E-4	6.3E-5	-1.1E-4
167	0.083	-0.079	0.066	-0.071	-0.159	-0.223	2.2E-7	-2.2E-7	2.9E-4	-2.9E-4	2.7E-5	-5.8E-5
168	0.057	-0.054	0.061	-0.062	-0.157	-0.208	6.6E-7	-6.6E-7	2.7E-4	-2.9E-4	5.9E-5	-8.5E-5
169	0.093	-0.095	0.071	-0.080	-0.145	-0.237	4.9E-5	-1.1E-4	2.0E-4	-1.9E-4	6.2E-5	-8.8E-5
170	0.078	-0.079	0.067	-0.071	-0.157	-0.222	5.1E-5	-9.9E-5	1.7E-4	-1.6E-4	4.6E-5	-6.9E-5
171	0.062	-0.063	0.062	-0.062	-0.162	-0.209	6.8E-5	-1.0E-4	2.1E-4	-1.9E-4	3.2E-5	-3.8E-5
172	0.112	-0.113	0.075	-0.084	-0.134	-0.253	7.3E-7	-7.3E-7	1.3E-4	-1.4E-4	8.4E-5	-8.2E-5
173	0.044	-0.044	0.053	-0.056	-0.151	-0.196	1.2E-4	-3.7E-5	1.3E-4	-5.4E-5	7.9E-5	-7.3E-5
174	0.093	-0.094	0.071	-0.076	-0.145	-0.236	5.8E-5	-8.9E-5	1.9E-4	-1.9E-4	8.0E-5	-7.1E-5
175	0.078	-0.079	0.065	-0.069	-0.155	-0.222	6.0E-5	-7.8E-5	1.7E-4	-1.6E-4	6.8E-5	-4.8E-5
176	0.063	-0.063	0.060	-0.062	-0.154	-0.209	7.4E-5	-8.1E-5	2.0E-4	-2.0E-4	5.2E-5	-7.7E-5
177	0.103	-0.108	0.071	-0.076	-0.147	-0.239	9.4E-8	-9.4E-8	2.5E-4	-2.5E-4	1.2E-4	-7.9E-5
178	0.078	-0.084	0.065	-0.069	-0.151	-0.221	9.1E-7	-9.1E-7	2.9E-4	-3.1E-4	6.8E-5	-2.5E-5
179	0.052	-0.058	0.059	-0.062	-0.148	-0.205	8.1E-7	-8.1E-7	2.9E-4	-2.9E-4	1.0E-4	-5.3E-5
180	0.073	-0.102	0.140	-0.139	-0.137	-0.252	1.0E-7	-1.0E-7	1.2E-4	-6.9E-5	8.6E-5	-8.0E-5
181	0.072	-0.100	0.140	-0.139	-0.143	-0.252	7.5E-7	-7.5E-7	1.5E-4	-1.1E-4	8.1E-5	-8.5E-5
182	0.076	-0.102	0.140	-0.139	-0.145	-0.252	6.4E-7	-6.4E-7	1.7E-4	-1.5E-4	7.5E-5	-9.1E-5
183	0.082	-0.107	0.140	-0.139	-0.146	-0.251	5.2E-7	-5.2E-7	1.8E-4	-1.8E-4	7.2E-5	-9.4E-5
184	0.089	-0.110	0.139	-0.139	-0.147	-0.249	5.3E-7	-5.3E-7	1.9E-4	-2.1E-4	8.1E-5	-1.3E-4
185	0.097	-0.115	0.139	-0.139	-0.148	-0.247	5.2E-8	-5.2E-8	1.8E-4	-2.2E-4	9.5E-5	-1.4E-4
186	0.114	-0.124	0.139	-0.140	-0.150	-0.244	6.8E-8	-6.8E-8	1.4E-4	-2.4E-4	9.8E-5	-2.1E-4
187	0.060	-0.060	0.105	-0.105	-0.134	-0.231	9.4E-5	-8.7E-5	1.6E-4	-4.2E-5	1.8E-4	-1.8E-4
188	0.041	-0.040	0.105	-0.106	-0.140	-0.225	8.8E-5	-8.6E-5	2.0E-4	-6.0E-5	1.8E-4	-1.9E-4
189	0.026	-0.025	0.105	-0.106	-0.146	-0.219	8.6E-5	-8.4E-5	2.2E-4	-7.1E-5	1.1E-4	-1.1E-4
190	0.020	-0.019	0.106	-0.107	-0.151	-0.214	8.4E-5	-8.0E-5	2.5E-4	-7.2E-5	5.0E-5	-5.3E-5
191	0.025	-0.023	0.106	-0.107	-0.156	-0.209	8.3E-5	-7.6E-5	2.6E-4	-6.1E-5	9.5E-5	-9.5E-5
192	0.038	-0.037	0.106	-0.107	-0.157	-0.206	8.5E-5	-6.9E-5	2.7E-4	-3.5E-5	1.8E-4	-1.7E-4
193	0.057	-0.056	0.106	-0.107	-0.156	-0.205	9.0E-5	-6.1E-5	2.7E-4	9.9E-6	1.9E-4	-1.8E-4
194	0.075	-0.099	0.131	-0.130	-0.130	-0.241	9.5E-5	-9.5E-5	9.5E-5	-3.7E-5	8.6E-5	-7.5E-5
195	0.076	-0.093	0.123	-0.122	-0.129	-0.240	1.0E-4	-9.7E-5	1.1E-4	-3.9E-5	1.2E-4	-1.1E-4
196	0.075	-0.085	0.114	-0.114	-0.129	-0.239	1.1E-4	-1.0E-4	1.5E-4	-5.2E-5	1.7E-4	-1.7E-4
197	0.107	-0.109	0.071	-0.081	-0.133	-0.251	4.3E-5	-9.3E-5	2.7E-8	-2.7E-8	5.6E-5	-1.1E-4
198	0.048	-0.048	0.051	-0.052	-0.162	-0.200	6.6E-5	-5.4E-5	1.3E-4	-1.3E-4	7.3E-5	-4.5E-5
199	0.100	-0.106	0.075	-0.090	-0.131	-0.247	3.3E-7	-3.3E-7	1.5E-4	-1.3E-4	6.4E-5	-1.0E-4
200	0.094	-0.103	0.075	-0.090	-0.129	-0.243	8.0E-7	-8.0E-7	1.5E-4	-1.2E-4	6.5E-5	-1.0E-4
201	0.087	-0.099	0.075	-0.090	-0.127	-0.239	5.6E-7	-5.6E-7	1.5E-4	-1.0E-4	6.6E-5	-1.0E-4
202	0.080	-0.096	0.075	-0.090	-0.126	-0.234	7.9E-7	-7.9E-7	1.5E-4	-8.7E-5	7.1E-5	-1.1E-4
203	0.076	-0.094	0.075	-0.090	-0.125	-0.228	4.4E-8	-4.4E-8	1.4E-4	-7.1E-5	8.7E-5	-1.2E-4
204	0.046	-0.046	0.056	-0.054	-0.165	-0.198	4.1E-5	-8.5E-5	1.3E-4	-1.3E-4	4.8E-5	-5.3E-5
205	0.043	-0.043	0.057	-0.054	-0.165	-0.195	3.4E-5	-9.1E-5	1.3E-4	-1.3E-4	4.4E-5	-5.7E-5
206	0.041	-0.043	0.058	-0.054	-0.158	-0.190	3.2E-5	-9.4E-5	1.2E-4	-1.3E-4	4.6E-5	-6.1E-5
207	0.046	-0.049	0.058	-0.054	-0.149	-0.185	3.0E-5	-9.7E-5	1.1E-4	-1.2E-4	7.4E-5	-8.4E-5
208	0.054	-0.057	0.058	-0.054	-0.140	-0.184	2.9E-5	-1.0E-4	9.6E-5	-1.2E-4	8.4E-5	-8.3E-5
209	0.072	-0.087	0.071	-0.081	-0.133	-0.206	5.6E-8	-5.6E-8	1.1E-4	-4.4E-5	9.9E-5	-1.2E-4
210	0.069	-0.078	0.067	-0.072	-0.132	-0.192	6.7E-7	-6.7E-7	1.1E-4	-5.5E-5	1.3E-4	-1.6E-4
211	0.065	-0.068	0.062	-0.062	-0.132	-0.188	8.9E-8	-8.9E-8	2.2E-4	-1.5E-4	2.0E-4	-2.2E-4
212	0.104	-0.066	0.075	-0.084	-0.133	-0.236	7.4E-7	-7.4E-7	4.7E-5	-1.7E-4	1.5E-4	-5.2E-5
213	0.102	-0.074	0.075	-0.084	-0.132	-0.240	7.6E-7	-7.6E-7	7.6E-5	-1.7E-4	1.5E-4	-3.3E-5
214	0.102	-0.084	0.075	-0.084	-0.132	-0.244	6.8E-7	-6.8E-7	1.0E-4	-1.6E-4	1.4E-4	-2.7E-5
215	0.102	-0.094	0.075	-0.084	-0.132	-0.247	5.1E-7	-5.1E-7	1.2E-4	-1.5E-4	1.3E-4	-3.5E-5
216	0.104	-0.103	0.076	-0.084	-0.132	-0.249	5.8E-7	-5.8E-7	1.4E-4	-1.4E-4	1.1E-4	-5.4E-5
217	0.053	-0.055	0.055	-0.055	-0.145	-0.194	3.8E-5	-8.0E-5	4.7E-5	-1.7E-4	8.8E-5	-9.5E-5
218	0.045	-0.047	0.055	-0.055	-0.152	-0.192	4.2E-5	-7.6E-5	7.1E-5	-1.6E-4	7.3E-5	-8.4E-5

RELAZIONE DI CALCOLO -

219	0.040	-0.041	0.055	-0.056	-0.156	-0.195	4.6E-5	-7.3E-5	9.4E-5	-1.6E-4	4.7E-5	-5.8E-5
220	0.043	-0.042	0.054	-0.056	-0.157	-0.198	5.0E-5	-7.0E-5	1.1E-4	-1.5E-4	5.0E-5	-5.8E-5
221	0.046	-0.045	0.054	-0.056	-0.156	-0.199	5.7E-5	-6.5E-5	1.3E-4	-1.4E-4	5.4E-5	-5.4E-5
222	0.096	-0.064	0.071	-0.076	-0.141	-0.216	2.8E-7	-2.8E-7	7.3E-6	-1.4E-4	1.3E-4	-8.7E-5
223	0.084	-0.063	0.066	-0.069	-0.140	-0.202	9.8E-8	-9.8E-8	1.8E-5	-1.5E-4	1.6E-4	-1.3E-4
224	0.071	-0.062	0.060	-0.062	-0.140	-0.199	5.2E-8	-5.2E-8	1.2E-4	-2.5E-4	2.1E-4	-2.1E-4
225	0.124	-0.117	0.162	-0.116	-0.143	-0.236	7.1E-8	-7.1E-8	2.4E-4	-1.4E-4	2.1E-4	-9.6E-5
226	0.115	-0.099	0.162	-0.115	-0.147	-0.245	3.8E-7	-3.8E-7	2.1E-4	-1.8E-4	1.7E-4	-7.6E-5
227	0.112	-0.088	0.162	-0.115	-0.153	-0.255	2.8E-7	-2.8E-7	1.8E-4	-1.9E-4	1.6E-4	-5.4E-5
228	0.111	-0.078	0.162	-0.115	-0.159	-0.264	6.7E-7	-6.7E-7	1.5E-4	-2.0E-4	1.3E-4	-4.0E-5
229	0.110	-0.068	0.162	-0.115	-0.165	-0.272	7.5E-7	-7.5E-7	1.1E-4	-1.9E-4	1.2E-4	-4.6E-5
230	0.111	-0.061	0.162	-0.115	-0.172	-0.279	1.4E-7	-1.4E-7	6.5E-5	-1.8E-4	1.1E-4	-5.9E-5
231	0.115	-0.061	0.162	-0.115	-0.177	-0.286	3.9E-7	-3.9E-7	2.5E-5	-1.5E-4	9.1E-5	-7.4E-5
232	0.055	-0.057	0.106	-0.109	-0.147	-0.198	1.6E-4	6.6E-6	4.2E-5	-3.0E-4	1.7E-4	-1.9E-4
233	0.036	-0.040	0.106	-0.109	-0.155	-0.207	1.5E-4	2.2E-6	6.5E-5	-3.0E-4	1.7E-4	-1.8E-4
234	0.022	-0.026	0.107	-0.110	-0.161	-0.215	1.4E-4	-4.8E-7	7.4E-5	-2.8E-4	9.6E-5	-9.4E-5
235	0.019	-0.022	0.107	-0.110	-0.164	-0.226	1.4E-4	-1.1E-6	7.0E-5	-2.7E-4	5.6E-5	-5.1E-5
236	0.026	-0.029	0.107	-0.110	-0.167	-0.236	1.4E-4	-1.6E-6	5.5E-5	-2.5E-4	1.1E-4	-1.1E-4
237	0.040	-0.042	0.107	-0.109	-0.171	-0.247	1.4E-4	-2.3E-6	3.1E-5	-2.2E-4	1.9E-4	-1.8E-4
238	0.059	-0.061	0.107	-0.109	-0.173	-0.258	1.5E-4	-2.2E-6	1.7E-6	-2.0E-4	1.8E-4	-1.8E-4
239	0.108	-0.066	0.149	-0.113	-0.178	-0.278	1.6E-4	-1.8E-5	-1.8E-5	-1.2E-4	8.8E-5	-9.8E-5
240	0.099	-0.070	0.135	-0.112	-0.177	-0.273	1.6E-4	-1.5E-5	-6.9E-6	-1.4E-4	1.2E-4	-1.3E-4
241	0.087	-0.073	0.121	-0.110	-0.176	-0.272	1.8E-4	-3.2E-5	1.2E-5	-1.9E-4	1.7E-4	-1.8E-4
242	0.074	-0.090	0.071	-0.081	-0.123	-0.199	4.5E-5	-1.1E-4	1.0E-4	-3.5E-5	6.5E-5	-7.7E-5
243	0.071	-0.082	0.067	-0.071	-0.123	-0.193	4.9E-5	-1.0E-4	9.6E-5	-3.2E-5	6.9E-5	-7.8E-5
244	0.068	-0.073	0.062	-0.062	-0.123	-0.192	1.0E-4	-1.6E-4	1.7E-4	-1.1E-4	1.2E-4	-1.3E-4
245	0.100	-0.066	0.071	-0.076	-0.135	-0.210	5.4E-5	-8.9E-5	-1.4E-5	-1.4E-4	7.5E-5	-6.9E-5
246	0.089	-0.068	0.066	-0.069	-0.134	-0.204	5.9E-5	-8.1E-5	-1.8E-5	-1.3E-4	7.4E-5	-7.8E-5
247	0.078	-0.069	0.061	-0.062	-0.134	-0.203	1.1E-4	-1.5E-4	7.0E-5	-2.1E-4	1.2E-4	-1.3E-4
248	0.074	-0.100	0.133	-0.133	-0.133	-0.250	8.8E-5	-9.1E-5	5.3E-7	-5.3E-7	9.0E-5	-7.5E-5
249	0.074	-0.099	0.114	-0.120	-0.133	-0.244	1.0E-4	-1.3E-4	1.9E-7	-1.9E-7	9.9E-5	-6.6E-5
250	0.075	-0.099	0.102	-0.112	-0.129	-0.237	8.0E-5	-1.2E-4	5.4E-7	-5.4E-7	9.9E-5	-6.6E-5
251	0.075	-0.099	0.096	-0.108	-0.127	-0.232	6.8E-5	-1.2E-4	7.4E-7	-7.4E-7	9.7E-5	-6.8E-5
252	0.075	-0.098	0.089	-0.104	-0.126	-0.228	5.3E-5	-1.1E-4	2.2E-8	-2.2E-8	9.5E-5	-7.0E-5
253	0.065	-0.065	0.084	-0.084	-0.130	-0.227	1.3E-4	-1.2E-4	1.2E-4	-1.2E-5	2.4E-4	-2.4E-4
254	0.065	-0.065	0.046	-0.045	-0.126	-0.212	1.4E-4	-1.5E-4	7.2E-5	-8.4E-6	1.5E-4	-1.5E-4
255	0.065	-0.066	0.034	-0.032	-0.127	-0.206	1.4E-4	-1.6E-4	7.1E-5	-3.7E-5	6.6E-5	-7.6E-5
256	0.065	-0.066	0.036	-0.033	-0.127	-0.203	1.4E-4	-1.6E-4	8.5E-5	-3.2E-5	8.6E-5	-9.8E-5
257	0.065	-0.066	0.042	-0.038	-0.125	-0.200	1.2E-4	-1.5E-4	8.8E-5	-2.6E-5	1.1E-4	-1.2E-4
258	0.074	-0.090	0.077	-0.087	-0.126	-0.208	8.3E-5	-1.5E-4	5.9E-8	-5.9E-8	7.4E-5	-6.6E-5
259	0.071	-0.082	0.069	-0.073	-0.125	-0.198	1.1E-4	-1.7E-4	5.6E-7	-5.6E-7	8.0E-5	-7.3E-5
260	0.068	-0.074	0.059	-0.058	-0.125	-0.197	1.2E-4	-1.8E-4	3.5E-7	-3.5E-7	9.2E-5	-9.1E-5
261	0.076	-0.098	0.078	-0.095	-0.125	-0.217	4.5E-5	-1.2E-4	1.1E-6	-1.1E-6	8.3E-5	-8.2E-5
262	0.065	-0.066	0.054	-0.050	-0.123	-0.194	7.9E-5	-1.2E-4	9.8E-5	-3.4E-5	1.0E-4	-1.0E-4
263	0.111	-0.063	0.093	-0.094	-0.146	-0.248	1.2E-4	-1.4E-4	3.1E-7	-3.1E-7	4.2E-5	-1.2E-4
264	0.111	-0.063	0.102	-0.097	-0.151	-0.255	1.4E-4	-1.5E-4	3.2E-7	-3.2E-7	3.6E-5	-1.3E-4
265	0.111	-0.063	0.112	-0.099	-0.156	-0.263	1.7E-4	-1.4E-4	2.5E-7	-2.5E-7	2.9E-5	-1.4E-4
266	0.111	-0.063	0.138	-0.103	-0.168	-0.280	2.0E-4	-1.1E-4	2.6E-8	-2.6E-8	3.2E-5	-1.3E-4
267	0.112	-0.062	0.155	-0.109	-0.176	-0.288	1.7E-4	-4.5E-5	5.6E-8	-5.6E-8	6.3E-5	-1.0E-4
268	0.068	-0.070	0.039	-0.039	-0.146	-0.217	1.3E-4	-1.0E-4	-2.2E-5	-1.2E-4	1.1E-4	-1.1E-4
269	0.068	-0.070	0.033	-0.033	-0.151	-0.224	1.5E-4	-1.1E-4	-1.6E-5	-1.1E-4	9.0E-5	-8.8E-5
270	0.068	-0.070	0.032	-0.032	-0.155	-0.229	1.7E-4	-1.0E-4	-1.1E-5	-8.9E-5	7.6E-5	-7.4E-5
271	0.067	-0.070	0.048	-0.048	-0.159	-0.239	1.7E-4	-7.4E-5	-3.4E-5	-8.4E-5	1.7E-4	-1.7E-4
272	0.067	-0.069	0.088	-0.089	-0.170	-0.260	1.7E-4	-3.4E-5	-4.1E-5	-1.5E-4	2.5E-4	-2.4E-4
273	0.100	-0.065	0.076	-0.080	-0.144	-0.224	9.6E-5	-1.3E-4	6.3E-7	-6.3E-7	5.9E-5	-9.6E-5
274	0.089	-0.067	0.067	-0.068	-0.143	-0.213	1.2E-4	-1.4E-4	6.2E-7	-6.2E-7	7.1E-5	-9.9E-5
275	0.078	-0.069	0.057	-0.056	-0.142	-0.212	1.3E-4	-1.4E-4	3.5E-7	-3.5E-7	9.1E-5	-1.1E-4
276	0.111	-0.063	0.079	-0.088	-0.139	-0.231	5.9E-5	-1.1E-4	6.9E-7	-6.9E-7	7.6E-5	-8.9E-5
277	0.067	-0.070	0.052	-0.052	-0.137	-0.207	9.4E-5	-9.0E-5	-1.1E-5	-1.4E-4	1.1E-4	-1.1E-4
278	0.176	-0.169	0.158	-0.165	-0.111	-0.287	6.4E-5	-6.7E-5	8.5E-7	-8.5E-7	1.6E-4	-3.8E-5
279	0.176	-0.169	0.135	-0.164	-0.106	-0.295	6.5E-5	-5.6E-5	7.3E-7	-7.3E-7	1.7E-4	-2.5E-5
280	0.176	-0.169	0.122	-0.162	-0.103	-0.299	9.4E-5	-2.4E-5	6.5E-7	-6.5E-7	1.6E-4	-3.9E-5
281	0.162	-0.158	0.157	-0.158	-0.133	-0.261	9.2E-5	-9.4E-5	1.4E-4	-1.5E-4	7.0E-5	-1.0E-4
282	0.148	-0.145	0.148	-0.149	-0.146	-0.246	1.1E-4	-9.8E-5	1.6E-4	-1.7E-4	5.8E-5	-7.9E-5
283	0.167	-0.163	0.107	-0.153	-0.111	-0.293	1.6E-4	2.4E-5	4.5E-4	1.1E-4	9.3E-5	-7.3E-5
284	0.159	-0.154	0.101	-0.147	-0.122	-0.281	1.5E-5	-1.6E-4	-1.5E-4	-3.1E-4	8.6E-5	-7.5E-5
285	0.150	-0.143	0.095	-0.139	-0.133	-0.270	1.5E-4	-2.7E-5	4.8E-4	7.8E-5	8.8E-5	-7.7E-5
286	0.157	-0.159	0.169	-0.170	-0.111	-0.287	7.5E-7	-7.5E-7	4.3E-6	-1.0E-4	5.3E-5	-1.4E-4
287	0.167	-0.163	0.169	-0.170	-0.113	-0.284	6.7E-7	-6.7E-7	2.1E-5	-6.7E-5	6.6E-5	-1.3E-4
288	0.140	-0.152	0.162	-0.162	-0.121	-0.277	1.1E-7	-1.1E-7	1.3E-4	-3.7E-6	7.9E-5	-1.0E-4
289	0.137	-0.141	0.155	-0.155	-0.132	-0.265	4.5E-7	-4.5E-7	1.4E-4	-6.6E-5	6.5E-5	-9.2E-5
290	0.131	-0.128	0.147	-0.147	-0.142	-0.252	8.7E-7	-8.7E-7	2.1E-4	-9.5E-5	6.1E-5	-8.8E-5

RELAZIONE DI CALCOLO -

291	0.169	-0.160	0.111	-0.157	-0.096	-0.310	6.8E-7	-6.8E-7	6.1E-5	-6.1E-5	9.4E-5	-1.0E-4
292	0.157	-0.155	0.112	-0.157	-0.092	-0.316	6.1E-7	-6.1E-7	2.4E-5	-7.2E-5	3.7E-5	-1.6E-4
293	0.144	-0.144	0.107	-0.152	-0.098	-0.308	8.1E-7	-8.1E-7	7.6E-5	-1.2E-4	5.9E-5	-9.4E-5
294	0.133	-0.137	0.102	-0.146	-0.107	-0.293	4.8E-7	-4.8E-7	1.2E-4	-1.5E-4	7.4E-5	-1.1E-4
295	0.120	-0.126	0.096	-0.138	-0.116	-0.279	2.0E-8	-2.0E-8	1.6E-4	-1.8E-4	1.1E-4	-1.6E-4
296	0.173	-0.172	0.158	-0.118	-0.069	-0.269	3.0E-4	-1.2E-4	5.3E-7	-5.3E-7	3.4E-5	-1.6E-4
297	0.173	-0.172	0.173	-0.119	-0.073	-0.264	2.9E-4	-1.7E-4	3.2E-7	-3.2E-7	1.9E-5	-2.1E-4
298	0.173	-0.172	0.199	-0.118	-0.079	-0.255	3.1E-4	-1.7E-4	2.3E-6	-2.3E-6	1.9E-5	-1.8E-4
299	0.166	-0.162	0.134	-0.114	-0.078	-0.263	2.5E-4	1.4E-4	-1.5E-4	-5.0E-4	7.4E-5	-1.5E-4
300	0.157	-0.154	0.124	-0.114	-0.089	-0.252	6.4E-5	-1.3E-4	3.5E-4	2.0E-4	6.0E-5	-1.2E-4
301	0.147	-0.145	0.114	-0.112	-0.100	-0.241	2.2E-4	9.9E-5	-1.1E-4	-5.1E-4	5.0E-5	-1.1E-4
302	0.160	-0.156	0.190	-0.119	-0.103	-0.228	1.6E-4	-1.8E-5	1.3E-4	-1.1E-4	8.5E-5	-1.2E-4
303	0.150	-0.144	0.176	-0.118	-0.114	-0.214	1.6E-4	-1.1E-5	1.4E-4	-1.1E-4	5.2E-5	-9.4E-5
304	0.156	-0.156	0.146	-0.116	-0.071	-0.296	9.8E-6	-3.5E-6	1.3E-4	-4.6E-5	1.1E-4	-8.9E-5
305	0.163	-0.165	0.146	-0.116	-0.068	-0.285	5.0E-6	-1.7E-5	6.5E-5	-2.2E-4	1.1E-4	-8.4E-5
306	0.141	-0.146	0.136	-0.116	-0.084	-0.294	1.2E-5	-5.4E-6	1.6E-4	-7.0E-5	4.4E-5	-9.6E-5
307	0.134	-0.134	0.127	-0.115	-0.093	-0.279	1.2E-5	-8.3E-6	1.5E-4	-1.1E-4	9.0E-5	-8.8E-5
308	0.124	-0.121	0.117	-0.113	-0.103	-0.264	1.4E-5	-1.0E-5	1.8E-4	-1.3E-4	1.4E-4	-1.2E-4
309	0.166	-0.165	0.212	-0.122	-0.088	-0.257	9.5E-7	-9.5E-7	1.2E-4	-1.0E-4	1.1E-4	-8.4E-5
310	0.159	-0.156	0.212	-0.122	-0.091	-0.266	8.7E-7	-8.7E-7	8.5E-5	-7.7E-5	1.1E-4	-8.4E-5
311	0.147	-0.143	0.199	-0.120	-0.106	-0.262	5.4E-9	-5.4E-9	1.1E-5	-1.1E-4	8.6E-5	-8.5E-5
312	0.138	-0.139	0.187	-0.119	-0.117	-0.249	5.1E-7	-5.1E-7	6.8E-5	-1.2E-4	7.9E-5	-7.0E-5
313	0.127	-0.134	0.174	-0.117	-0.128	-0.237	2.2E-7	-2.2E-7	9.6E-5	-1.7E-4	7.7E-5	-7.2E-5
314	0.142	-0.145	0.086	-0.121	-0.092	-0.306	4.5E-7	-4.5E-7	7.3E-5	-7.1E-5	1.1E-4	-9.0E-5
315	0.146	-0.143	0.084	-0.113	-0.105	-0.298	7.9E-7	-7.9E-7	8.3E-5	-1.1E-4	8.3E-5	-1.3E-4
316	0.137	-0.136	0.081	-0.106	-0.116	-0.284	9.9E-7	-9.9E-7	9.6E-5	-1.2E-4	1.1E-4	-1.0E-4
317	0.125	-0.129	0.078	-0.098	-0.127	-0.271	9.5E-7	-9.5E-7	1.1E-4	-1.7E-4	9.1E-5	-5.3E-5
318	0.130	-0.133	0.084	-0.113	-0.101	-0.289	3.2E-5	-9.7E-5	1.0E-4	-8.5E-5	5.9E-5	-1.3E-4
319	0.123	-0.126	0.081	-0.106	-0.112	-0.276	3.7E-5	-1.0E-4	9.7E-5	-9.7E-5	5.6E-5	-1.2E-4
320	0.116	-0.118	0.078	-0.098	-0.122	-0.264	4.0E-5	-1.0E-4	9.5E-5	-8.9E-5	6.4E-5	-1.1E-4
321	0.142	-0.146	0.090	-0.108	-0.090	-0.304	1.1E-6	-1.1E-6	7.0E-5	-6.2E-5	9.9E-5	-9.7E-5
322	0.130	-0.133	0.087	-0.102	-0.100	-0.288	4.5E-5	-8.1E-5	1.0E-4	-9.0E-5	9.1E-5	-9.5E-5
323	0.123	-0.126	0.083	-0.096	-0.111	-0.276	5.1E-5	-7.7E-5	1.0E-4	-9.2E-5	7.9E-5	-9.4E-5
324	0.116	-0.118	0.079	-0.090	-0.122	-0.264	4.8E-5	-7.9E-5	9.7E-5	-8.9E-5	7.8E-5	-8.9E-5
325	0.144	-0.147	0.087	-0.102	-0.102	-0.295	5.6E-7	-5.6E-7	1.2E-4	-9.2E-5	1.1E-4	-1.1E-4
326	0.136	-0.137	0.083	-0.096	-0.113	-0.281	1.0E-6	-1.0E-6	1.3E-4	-1.0E-4	1.0E-4	-1.1E-4
327	0.127	-0.126	0.079	-0.090	-0.124	-0.268	6.9E-7	-6.9E-7	1.6E-4	-1.3E-4	5.2E-5	-8.2E-5
328	0.085	-0.126	0.170	-0.169	-0.100	-0.302	5.6E-7	-5.6E-7	6.4E-5	-2.7E-5	7.4E-5	-1.2E-4
329	0.090	-0.126	0.170	-0.169	-0.101	-0.301	9.5E-7	-9.5E-7	4.4E-5	-2.5E-5	6.7E-5	-1.3E-4
330	0.100	-0.129	0.170	-0.169	-0.101	-0.300	2.3E-7	-2.3E-7	4.8E-5	-4.9E-5	6.2E-5	-1.3E-4
331	0.110	-0.132	0.170	-0.169	-0.102	-0.298	1.1E-7	-1.1E-7	4.4E-5	-6.2E-5	6.1E-5	-1.4E-4
332	0.121	-0.135	0.170	-0.169	-0.104	-0.297	4.9E-7	-4.9E-7	3.4E-5	-6.5E-5	6.2E-5	-1.3E-4
333	0.130	-0.139	0.170	-0.169	-0.105	-0.295	6.6E-7	-6.6E-7	1.8E-5	-6.1E-5	7.7E-5	-1.2E-4
334	0.139	-0.144	0.169	-0.169	-0.108	-0.292	5.2E-7	-5.2E-7	4.9E-6	-8.0E-5	7.9E-5	-1.2E-4
335	0.081	-0.121	0.161	-0.160	-0.111	-0.291	4.0E-5	-4.1E-5	9.8E-5	-3.9E-5	1.2E-4	-1.2E-4
336	0.079	-0.114	0.154	-0.153	-0.123	-0.278	1.2E-4	-1.2E-4	9.7E-5	-3.8E-5	1.1E-4	-1.1E-4
337	0.077	-0.107	0.147	-0.146	-0.131	-0.265	7.7E-5	-7.8E-5	1.0E-4	-4.5E-5	9.8E-5	-8.9E-5
338	0.136	-0.140	0.084	-0.108	-0.089	-0.300	4.0E-5	-8.1E-5	1.8E-7	-1.8E-7	1.3E-5	-1.8E-4
339	0.127	-0.137	0.086	-0.121	-0.087	-0.296	2.3E-7	-2.3E-7	5.7E-5	-5.8E-5	6.3E-5	-1.3E-4
340	0.117	-0.135	0.086	-0.121	-0.085	-0.291	7.2E-8	-7.2E-8	4.3E-5	-3.3E-5	5.7E-5	-1.4E-4
341	0.106	-0.132	0.086	-0.121	-0.083	-0.286	4.1E-7	-4.1E-7	4.7E-5	-2.0E-5	5.7E-5	-1.4E-4
342	0.096	-0.129	0.086	-0.121	-0.082	-0.281	4.6E-7	-4.6E-7	5.8E-5	-1.2E-5	6.0E-5	-1.4E-4
343	0.087	-0.126	0.086	-0.121	-0.080	-0.277	6.9E-7	-6.9E-7	6.9E-5	-1.1E-5	7.2E-5	-1.3E-4
344	0.084	-0.121	0.083	-0.113	-0.090	-0.260	1.0E-7	-1.0E-7	8.3E-5	-2.4E-5	8.6E-5	-1.1E-4
345	0.082	-0.114	0.080	-0.105	-0.101	-0.247	5.6E-7	-5.6E-7	1.1E-4	-4.5E-5	7.8E-5	-1.2E-4
346	0.079	-0.106	0.077	-0.098	-0.113	-0.235	5.3E-7	-5.3E-7	1.4E-4	-6.7E-5	8.6E-5	-1.2E-4
347	0.148	-0.066	0.091	-0.108	-0.089	-0.286	6.7E-7	-6.7E-7	-3.9E-5	-1.0E-4	1.9E-4	-8.6E-6
348	0.145	-0.081	0.091	-0.108	-0.089	-0.289	8.3E-7	-8.3E-7	-3.3E-5	-1.0E-4	2.0E-4	4.2E-7
349	0.141	-0.097	0.091	-0.108	-0.089	-0.292	4.8E-7	-4.8E-7	-2.3E-5	-9.7E-5	2.1E-4	1.4E-5
350	0.138	-0.114	0.091	-0.108	-0.088	-0.294	2.3E-7	-2.3E-7	-5.3E-6	-8.9E-5	2.0E-4	6.9E-6
351	0.135	-0.129	0.091	-0.108	-0.089	-0.297	4.7E-7	-4.7E-7	2.5E-5	-9.0E-5	1.8E-4	-1.8E-5
352	0.144	-0.062	0.087	-0.102	-0.101	-0.271	1.5E-7	-1.5E-7	-2.0E-5	-1.2E-4	1.5E-4	-3.2E-5
353	0.134	-0.064	0.083	-0.096	-0.112	-0.258	7.6E-7	-7.6E-7	-5.3E-7	-1.6E-4	1.5E-4	-3.0E-5
354	0.121	-0.064	0.079	-0.090	-0.123	-0.245	3.3E-7	-3.3E-7	2.3E-5	-1.9E-4	1.5E-4	-4.6E-5
355	0.143	-0.140	0.212	-0.122	-0.100	-0.284	7.1E-7	-7.1E-7	5.6E-5	-3.1E-5	1.5E-4	-4.9E-5
356	0.142	-0.127	0.212	-0.122	-0.104	-0.293	2.6E-7	-2.6E-7	2.8E-5	-3.9E-5	1.7E-4	-2.2E-5
357	0.144	-0.111	0.212	-0.122	-0.110	-0.303	8.2E-7	-8.2E-7	3.4E-6	-5.8E-5	2.0E-4	1.5E-6
358	0.147	-0.095	0.213	-0.122	-0.116	-0.311	3.0E-7	-3.0E-7	-1.1E-5	-7.0E-5	1.9E-4	-4.3E-6
359	0.149	-0.079	0.213	-0.122	-0.122	-0.320	3.3E-7	-3.3E-7	-2.1E-5	-8.3E-5	1.8E-4	-1.7E-5
360	0.150	-0.066	0.213	-0.122	-0.128	-0.328	1.5E-7	-1.5E-7	-2.8E-5	-9.5E-5	1.5E-4	-4.2E-5
361	0.151	-0.059	0.213	-0.122	-0.135	-0.336	5.7E-7	-5.7E-7	-3.2E-5	-1.0E-4	1.2E-4	-7.3E-5
362	0.143	-0.061	0.201	-0.120	-0.152	-0.333	1.7E-4	-3.0E-5	6.0E-6	-1.4E-4	8.6E-5	-1.1E-4

RELAZIONE DI CALCOLO -

363	0.133	-0.061	0.188	-0.119	-0.163	-0.320	1.6E-4	-1.8E-5	2.8E-7	-1.4E-4	8.5E-5	-1.1E-4
364	0.123	-0.061	0.175	-0.117	-0.175	-0.307	1.7E-4	-3.2E-5	1.8E-5	-1.5E-4	8.1E-5	-9.8E-5
365	0.084	-0.128	0.162	-0.162	-0.097	-0.300	2.7E-4	-2.7E-4	8.4E-7	-8.4E-7	1.1E-4	-8.3E-5
366	0.084	-0.128	0.153	-0.157	-0.095	-0.297	2.7E-4	-2.7E-4	5.3E-7	-5.3E-7	1.2E-4	-7.3E-5
367	0.084	-0.128	0.137	-0.150	-0.090	-0.291	2.6E-4	-2.8E-4	2.4E-7	-2.4E-7	1.4E-4	-5.9E-5
368	0.084	-0.128	0.121	-0.144	-0.085	-0.285	2.3E-4	-2.7E-4	6.9E-7	-6.9E-7	1.4E-4	-6.1E-5
369	0.084	-0.127	0.112	-0.140	-0.083	-0.281	2.2E-4	-2.7E-4	5.2E-8	-5.2E-8	1.3E-4	-7.1E-5
370	0.084	-0.127	0.103	-0.136	-0.082	-0.277	2.2E-4	-2.5E-4	7.9E-7	-7.9E-7	1.3E-4	-6.7E-5
371	0.082	-0.120	0.086	-0.118	-0.091	-0.262	7.0E-5	-1.2E-4	4.3E-7	-4.3E-7	1.1E-4	-7.0E-5
372	0.080	-0.113	0.084	-0.111	-0.102	-0.249	-9.3E-6	-6.7E-5	6.2E-7	-6.2E-7	1.1E-4	-6.9E-5
373	0.078	-0.106	0.084	-0.106	-0.113	-0.236	-6.3E-7	-8.1E-5	3.1E-7	-3.1E-7	1.0E-4	-7.1E-5
374	0.151	-0.060	0.113	-0.119	-0.104	-0.299	4.8E-5	-3.6E-5	8.4E-7	-8.4E-7	1.3E-5	-1.8E-4
375	0.152	-0.060	0.130	-0.119	-0.110	-0.307	5.8E-5	-3.1E-5	5.6E-7	-5.6E-7	4.3E-6	-1.9E-4
376	0.152	-0.060	0.148	-0.118	-0.116	-0.315	7.5E-5	-2.5E-5	1.4E-8	-1.4E-8	-8.3E-6	-2.0E-4
377	0.152	-0.060	0.177	-0.115	-0.126	-0.327	9.9E-5	-1.9E-5	1.1E-7	-1.1E-7	-2.0E-6	-2.0E-4
378	0.152	-0.059	0.201	-0.117	-0.135	-0.338	1.2E-4	2.7E-6	7.4E-7	-7.4E-7	4.5E-5	-1.5E-4
379	0.142	-0.061	0.097	-0.114	-0.109	-0.279	4.0E-5	-4.6E-5	5.2E-8	-5.2E-8	3.7E-5	-1.5E-4
380	0.132	-0.062	0.094	-0.109	-0.120	-0.266	4.1E-5	-8.3E-5	5.9E-8	-5.9E-8	3.4E-5	-1.5E-4
381	0.121	-0.062	0.090	-0.101	-0.131	-0.253	7.1E-5	-1.3E-4	1.0E-7	-1.0E-7	4.2E-5	-1.3E-4
382	0.181	-0.174	0.166	-0.177	-0.039	-0.323	3.2E-5	-3.0E-5	7.6E-8	-7.6E-8	1.4E-4	-5.9E-5
383	0.182	-0.174	0.155	-0.174	-0.036	-0.327	4.4E-5	-3.5E-5	4.0E-7	-4.0E-7	1.5E-4	-5.1E-5
384	0.181	-0.174	0.144	-0.171	-0.033	-0.330	5.3E-5	-3.9E-5	7.6E-7	-7.6E-7	1.5E-4	-5.0E-5
385	0.181	-0.174	0.132	-0.168	-0.029	-0.334	7.6E-5	-3.1E-5	5.7E-7	-5.7E-7	1.4E-4	-5.9E-5
386	0.180	-0.173	0.176	-0.180	-0.056	-0.305	2.5E-5	-2.2E-5	3.7E-5	-4.8E-5	1.2E-4	-6.0E-5
387	0.178	-0.172	0.174	-0.178	-0.069	-0.292	3.5E-5	-3.6E-5	3.9E-5	-4.6E-5	1.1E-4	-7.0E-5
388	0.177	-0.171	0.171	-0.175	-0.083	-0.278	2.5E-5	-2.6E-5	3.8E-5	-4.6E-5	1.0E-4	-7.4E-5
389	0.181	-0.173	0.120	-0.164	-0.039	-0.325	1.1E-4	-1.7E-5	1.3E-4	2.9E-5	1.3E-4	-6.8E-5
390	0.179	-0.173	0.117	-0.164	-0.052	-0.311	2.2E-5	-8.8E-5	-9.9E-5	-1.9E-4	1.3E-4	-6.7E-5
391	0.179	-0.170	0.114	-0.162	-0.066	-0.298	1.6E-4	2.0E-5	3.1E-4	1.5E-4	1.2E-4	-6.9E-5
392	0.172	-0.153	0.177	-0.181	-0.047	-0.315	6.3E-7	-6.3E-7	-1.6E-5	-1.1E-4	1.6E-4	-4.3E-5
393	0.177	-0.163	0.177	-0.181	-0.045	-0.317	6.0E-7	-6.0E-7	2.7E-5	-6.2E-5	1.4E-4	-6.5E-5
394	0.157	-0.153	0.174	-0.179	-0.063	-0.298	5.1E-7	-5.1E-7	6.9E-5	-3.6E-5	9.8E-5	-1.1E-4
395	0.157	-0.151	0.171	-0.175	-0.077	-0.284	6.9E-7	-6.9E-7	7.2E-5	-3.5E-5	9.3E-5	-1.1E-4
396	0.175	-0.163	0.121	-0.164	-0.026	-0.340	2.4E-7	-2.4E-7	5.5E-5	-3.6E-5	1.3E-4	-7.5E-5
397	0.169	-0.152	0.121	-0.164	-0.026	-0.342	4.7E-7	-4.7E-7	3.9E-5	-4.9E-5	1.3E-4	-7.8E-5
398	0.159	-0.144	0.117	-0.164	-0.039	-0.329	4.1E-7	-4.1E-7	-2.0E-5	-1.6E-4	1.3E-4	-8.2E-5
399	0.150	-0.149	0.114	-0.162	-0.052	-0.314	7.9E-7	-7.9E-7	-1.4E-5	-1.3E-4	7.5E-5	-1.6E-4
400	0.178	-0.177	0.210	-0.126	-0.056	-0.239	3.4E-4	-2.0E-4	2.2E-7	-2.2E-7	2.4E-5	-1.8E-4
401	0.178	-0.177	0.194	-0.126	-0.053	-0.244	3.3E-4	-1.9E-4	5.8E-7	-5.8E-7	2.4E-5	-2.2E-4
402	0.178	-0.178	0.179	-0.126	-0.049	-0.250	3.3E-4	-1.9E-4	1.6E-6	-1.6E-6	2.1E-5	-2.1E-4
403	0.177	-0.178	0.163	-0.126	-0.045	-0.254	2.8E-4	-2.4E-4	8.1E-7	-8.1E-7	2.7E-5	-1.8E-4
404	0.167	-0.171	0.154	-0.122	-0.040	-0.272	1.2E-5	7.3E-7	1.6E-4	9.4E-6	1.1E-4	-9.0E-5
405	0.160	-0.161	0.157	-0.120	-0.038	-0.284	3.4E-6	-3.9E-6	4.4E-5	-5.1E-5	1.3E-4	-7.7E-5
406	0.163	-0.162	0.224	-0.126	-0.061	-0.257	6.4E-7	-6.4E-7	7.3E-5	-2.9E-5	9.6E-5	-1.1E-4
407	0.170	-0.170	0.223	-0.128	-0.061	-0.245	1.0E-6	-1.0E-6	9.9E-5	-8.3E-5	1.2E-4	-8.7E-5
408	0.158	-0.138	0.085	-0.137	-0.031	-0.323	2.9E-7	-2.9E-7	4.5E-6	-1.0E-4	4.5E-5	-1.6E-4
409	0.169	-0.142	0.087	-0.132	-0.044	-0.316	5.9E-7	-5.9E-7	-6.6E-5	-2.2E-4	5.7E-6	-2.0E-4
410	0.157	-0.153	0.087	-0.126	-0.057	-0.301	3.7E-7	-3.7E-7	-5.2E-5	-1.8E-4	1.1E-4	-9.0E-5
411	0.144	-0.142	0.087	-0.131	-0.044	-0.304	1.3E-7	-1.3E-7	-1.3E-5	-8.2E-5	5.7E-5	-1.5E-4
412	0.141	-0.144	0.088	-0.125	-0.056	-0.291	3.4E-7	-3.4E-7	-4.3E-6	-3.3E-5	7.2E-5	-1.3E-4
413	0.147	-0.149	0.097	-0.116	-0.050	-0.298	8.2E-7	-8.2E-7	1.1E-5	-1.4E-5	1.2E-4	-8.4E-5
414	0.141	-0.142	0.095	-0.111	-0.056	-0.289	1.0E-8	-1.0E-8	-7.6E-6	-4.7E-5	1.4E-4	-6.0E-5
415	0.087	-0.127	0.178	-0.180	-0.069	-0.287	7.2E-7	-7.2E-7	4.5E-5	-1.3E-5	7.6E-5	-1.3E-4
416	0.091	-0.126	0.177	-0.180	-0.065	-0.291	6.0E-7	-6.0E-7	4.1E-5	-2.9E-5	6.7E-5	-1.4E-4
417	0.101	-0.129	0.177	-0.181	-0.062	-0.295	5.7E-7	-5.7E-7	4.2E-5	-4.9E-5	6.1E-5	-1.4E-4
418	0.111	-0.131	0.177	-0.181	-0.059	-0.299	6.1E-7	-6.1E-7	3.9E-5	-6.2E-5	5.9E-5	-1.4E-4
419	0.121	-0.133	0.177	-0.181	-0.057	-0.302	7.3E-7	-7.3E-7	3.3E-5	-7.3E-5	5.9E-5	-1.4E-4
420	0.132	-0.135	0.177	-0.181	-0.055	-0.305	6.9E-7	-6.9E-7	2.8E-5	-8.0E-5	6.2E-5	-1.4E-4
421	0.142	-0.138	0.177	-0.181	-0.053	-0.308	2.4E-7	-2.4E-7	3.6E-5	-7.4E-5	7.7E-5	-1.3E-4
422	0.152	-0.141	0.177	-0.181	-0.051	-0.310	4.1E-7	-4.1E-7	4.0E-6	-1.3E-4	6.6E-5	-1.4E-4
423	0.134	-0.137	0.088	-0.134	-0.035	-0.307	1.1E-7	-1.1E-7	-7.1E-6	-5.9E-5	4.2E-5	-1.6E-4
424	0.121	-0.137	0.089	-0.133	-0.037	-0.298	2.5E-7	-2.5E-7	-1.9E-7	-2.8E-5	4.7E-5	-1.6E-4
425	0.109	-0.135	0.090	-0.131	-0.040	-0.289	1.6E-7	-1.6E-7	8.4E-6	-3.2E-6	5.0E-5	-1.5E-4
426	0.098	-0.133	0.091	-0.130	-0.043	-0.281	2.9E-7	-2.9E-7	2.1E-5	5.9E-6	5.8E-5	-1.5E-4
427	0.089	-0.130	0.093	-0.129	-0.047	-0.273	5.5E-7	-5.5E-7	4.7E-5	1.2E-5	6.8E-5	-1.3E-4
428	0.146	-0.125	0.097	-0.115	-0.041	-0.302	1.8E-7	-1.8E-7	-2.9E-5	-7.0E-5	2.0E-4	1.9E-6
429	0.152	-0.106	0.098	-0.114	-0.037	-0.305	5.1E-7	-5.1E-7	-4.4E-5	-9.3E-5	2.3E-4	2.5E-5
430	0.160	-0.085	0.098	-0.114	-0.033	-0.308	4.9E-7	-4.9E-7	-5.4E-5	-1.1E-4	2.3E-4	2.3E-5
431	0.167	-0.065	0.098	-0.114	-0.029	-0.311	3.3E-7	-3.3E-7	-6.3E-5	-1.2E-4	2.0E-4	-1.8E-6
432	0.171	-0.047	0.098	-0.114	-0.025	-0.314	4.2E-7	-4.2E-7	-7.2E-5	-1.3E-4	1.6E-4	-3.8E-5
433	0.167	-0.047	0.098	-0.113	-0.034	-0.305	1.5E-7	-1.5E-7	-6.3E-5	-1.0E-4	1.2E-4	-9.5E-5
434	0.161	-0.053	0.096	-0.111	-0.047	-0.292	4.6E-7	-4.6E-7	-5.7E-5	-8.7E-5	1.3E-4	-8.9E-5

RELAZIONE DI CALCOLO -

435	0.155	-0.058	0.094	-0.108	-0.059	-0.279	3.7E-7	-3.7E-7	-4.4E-5	-7.0E-5	1.3E-4	-8.9E-5
436	0.174	-0.041	0.242	-0.108	-0.064	-0.365	2.1E-7	-2.1E-7	-6.1E-5	-9.2E-5	1.1E-4	-9.3E-5
437	0.170	-0.048	0.240	-0.110	-0.063	-0.353	3.9E-7	-3.9E-7	-6.4E-5	-9.8E-5	1.6E-4	-4.6E-5
438	0.167	-0.062	0.238	-0.112	-0.062	-0.341	8.4E-7	-8.4E-7	-6.5E-5	-9.1E-5	1.9E-4	-1.3E-5
439	0.162	-0.080	0.236	-0.114	-0.061	-0.330	8.0E-7	-8.0E-7	-6.0E-5	-7.6E-5	2.1E-4	1.1E-5
440	0.156	-0.098	0.234	-0.117	-0.061	-0.318	9.9E-7	-9.9E-7	-4.1E-5	-6.4E-5	2.3E-4	2.2E-5
441	0.150	-0.117	0.232	-0.119	-0.060	-0.306	3.2E-7	-3.2E-7	-1.3E-5	-5.1E-5	2.2E-4	2.1E-5
442	0.146	-0.134	0.229	-0.121	-0.060	-0.293	2.7E-7	-2.7E-7	2.2E-5	-3.8E-5	2.1E-4	7.5E-6
443	0.144	-0.148	0.227	-0.123	-0.061	-0.281	7.8E-7	-7.8E-7	5.9E-5	-2.0E-5	1.7E-4	-3.7E-5
444	0.169	-0.046	0.237	-0.112	-0.078	-0.363	8.2E-5	5.7E-5	-5.5E-5	-7.7E-5	6.8E-5	-1.4E-4
445	0.163	-0.051	0.229	-0.116	-0.091	-0.349	1.0E-4	3.8E-5	-5.5E-5	-7.8E-5	7.8E-5	-1.3E-4
446	0.157	-0.057	0.221	-0.120	-0.104	-0.336	8.7E-5	5.0E-5	-5.4E-5	-7.7E-5	8.4E-5	-1.2E-4
447	0.168	-0.046	0.098	-0.113	-0.033	-0.306	1.1E-5	-2.1E-5	-5.8E-5	-8.3E-5	8.5E-5	-1.2E-4
448	0.162	-0.051	0.096	-0.111	-0.046	-0.292	1.9E-5	-2.7E-5	-5.6E-5	-7.9E-5	1.0E-4	-1.2E-4
449	0.155	-0.057	0.095	-0.108	-0.060	-0.279	2.4E-5	-2.6E-5	-5.6E-5	-7.8E-5	1.0E-4	-1.1E-4
450	0.087	-0.128	0.169	-0.172	-0.070	-0.281	3.3E-4	-3.3E-4	2.4E-8	-2.4E-8	1.2E-4	-8.6E-5
451	0.087	-0.128	0.159	-0.166	-0.067	-0.278	3.0E-4	-3.1E-4	2.3E-7	-2.3E-7	1.3E-4	-7.7E-5
452	0.087	-0.129	0.148	-0.161	-0.065	-0.275	2.8E-4	-3.1E-4	4.5E-7	-4.5E-7	1.3E-4	-6.9E-5
453	0.087	-0.129	0.136	-0.156	-0.062	-0.271	2.8E-4	-3.1E-4	2.3E-7	-2.3E-7	1.4E-4	-6.7E-5
454	0.087	-0.128	0.125	-0.150	-0.060	-0.267	2.5E-4	-2.9E-4	4.4E-7	-4.4E-7	1.3E-4	-7.1E-5
455	0.087	-0.128	0.114	-0.145	-0.058	-0.263	2.8E-4	-3.3E-4	1.1E-7	-1.1E-7	1.2E-4	-8.5E-5
456	0.174	-0.041	0.124	-0.122	-0.032	-0.336	1.1E-5	-3.4E-5	3.9E-7	-3.9E-7	-3.5E-6	-2.1E-4
457	0.174	-0.041	0.144	-0.119	-0.037	-0.343	4.3E-5	-2.2E-5	8.6E-7	-8.6E-7	-2.6E-5	-2.3E-4
458	0.174	-0.041	0.166	-0.115	-0.043	-0.350	6.1E-5	-1.3E-5	7.4E-7	-7.4E-7	-4.1E-5	-2.4E-4
459	0.174	-0.041	0.189	-0.110	-0.048	-0.357	7.5E-5	3.7E-6	4.2E-7	-4.2E-7	-4.0E-5	-2.4E-4
460	0.174	-0.041	0.210	-0.106	-0.054	-0.363	8.1E-5	2.4E-5	3.5E-7	-3.5E-7	-2.3E-5	-2.3E-4
461	0.174	-0.041	0.229	-0.104	-0.059	-0.370	7.5E-5	5.1E-5	2.5E-7	-2.5E-7	1.1E-5	-1.9E-4
462	0.168	-0.046	0.110	-0.119	-0.040	-0.315	8.7E-6	-2.2E-5	9.2E-7	-9.2E-7	6.1E-5	-1.5E-4
463	0.162	-0.051	0.110	-0.118	-0.053	-0.301	2.7E-5	-1.6E-5	4.5E-7	-4.5E-7	6.5E-5	-1.5E-4
464	0.156	-0.057	0.106	-0.117	-0.066	-0.287	5.0E-5	-2.5E-5	3.8E-7	-3.8E-7	7.1E-5	-1.3E-4
465	0.175	-0.041	0.103	-0.117	-0.023	-0.324	8.8E-6	-2.7E-5	2.5E-7	-2.5E-7	8.3E-5	-1.2E-4
466	0.151	-0.060	0.095	-0.112	-0.095	-0.288	3.6E-5	-2.5E-5	1.1E-6	-1.1E-6	9.8E-5	-9.8E-5
467	0.097	-0.109	0.108	-0.110	-0.141	-0.224	1.8E-4	-1.5E-4	6.5E-7	-6.5E-7	1.9E-4	-2.2E-4
468	0.117	-0.124	0.119	-0.119	-0.142	-0.226	9.0E-5	-9.5E-5	1.5E-7	-1.5E-7	1.5E-4	-2.2E-4
469	0.134	-0.135	0.128	-0.129	-0.144	-0.225	1.1E-4	-1.2E-4	1.5E-6	-1.5E-6	1.2E-4	-1.1E-4
470	0.134	-0.135	0.121	-0.126	-0.147	-0.224	1.1E-4	-1.4E-4	5.8E-7	-5.8E-7	2.0E-4	-8.2E-5
471	0.131	-0.132	0.114	-0.125	-0.148	-0.225	1.1E-4	-1.4E-4	8.9E-7	-8.9E-7	1.9E-4	-6.1E-5
472	0.116	-0.119	0.103	-0.111	-0.147	-0.220	1.4E-4	-1.6E-4	3.0E-7	-3.0E-7	1.5E-4	-7.3E-5
473	0.101	-0.108	0.090	-0.096	-0.145	-0.219	1.3E-4	-1.7E-4	5.6E-7	-5.6E-7	1.0E-4	-9.7E-5
474	0.101	-0.108	0.081	-0.087	-0.147	-0.222	1.3E-4	-2.2E-4	2.4E-7	-2.4E-7	9.4E-5	-8.6E-5
475	0.101	-0.108	0.073	-0.080	-0.145	-0.228	9.7E-5	-2.6E-4	2.8E-7	-2.8E-7	8.8E-5	-7.6E-5
476	0.115	-0.119	0.092	-0.106	-0.148	-0.223	1.1E-4	-2.0E-4	4.9E-7	-4.9E-7	1.1E-4	-4.8E-5
477	0.114	-0.118	0.082	-0.101	-0.145	-0.229	1.1E-4	-2.1E-4	5.5E-7	-5.5E-7	1.2E-4	-6.3E-5
478	0.127	-0.127	0.091	-0.119	-0.147	-0.239	7.8E-5	-2.0E-4	4.2E-7	-4.2E-7	1.2E-4	-6.2E-5
479	0.128	-0.128	0.101	-0.122	-0.149	-0.231	1.0E-4	-1.6E-4	8.0E-7	-8.0E-7	1.6E-4	-5.0E-5
480	0.117	-0.125	0.131	-0.133	-0.148	-0.220	1.6E-7	-1.6E-7	9.2E-5	-1.8E-4	1.1E-4	-2.0E-4
481	0.106	-0.123	0.131	-0.132	-0.154	-0.223	7.6E-7	-7.6E-7	1.4E-4	-2.4E-4	5.3E-5	-1.6E-4
482	0.080	-0.095	0.114	-0.116	-0.146	-0.217	3.3E-7	-3.3E-7	2.1E-4	-1.9E-4	1.9E-4	-2.3E-4
483	0.099	-0.112	0.122	-0.125	-0.147	-0.218	7.5E-7	-7.5E-7	1.9E-4	-2.4E-4	1.4E-4	-2.4E-4
484	0.089	-0.111	0.122	-0.124	-0.152	-0.213	3.3E-7	-3.3E-7	2.4E-4	-2.5E-4	1.4E-4	-2.0E-4
485	0.074	-0.094	0.114	-0.116	-0.151	-0.212	3.9E-7	-3.9E-7	2.5E-4	-1.8E-4	1.8E-4	-2.2E-4
486	0.109	-0.108	0.081	-0.113	-0.141	-0.245	2.5E-7	-2.5E-7	2.1E-4	-1.7E-4	1.0E-4	-8.3E-5
487	0.117	-0.118	0.081	-0.113	-0.148	-0.246	4.4E-7	-4.4E-7	9.9E-5	-1.9E-4	1.1E-4	-1.1E-4
488	0.067	-0.067	0.064	-0.074	-0.152	-0.212	5.9E-8	-5.9E-8	2.3E-4	-2.5E-4	2.1E-4	-1.8E-4
489	0.089	-0.088	0.072	-0.094	-0.151	-0.228	2.2E-7	-2.2E-7	2.6E-4	-2.7E-4	1.7E-4	-1.4E-4
490	0.102	-0.103	0.072	-0.094	-0.148	-0.232	2.7E-7	-2.7E-7	2.1E-4	-1.7E-4	1.7E-4	-1.6E-4
491	0.084	-0.088	0.064	-0.074	-0.147	-0.218	8.3E-7	-8.3E-7	1.5E-4	-2.2E-4	2.7E-4	-2.2E-4
492	0.105	-0.090	0.094	-0.092	-0.115	-0.190	2.1E-4	-1.2E-4	3.7E-7	-3.7E-7	9.9E-5	-1.2E-4
493	0.118	-0.107	0.114	-0.102	-0.116	-0.192	2.1E-4	-1.1E-4	2.5E-7	-2.5E-7	6.8E-5	-1.5E-4
494	0.132	-0.124	0.131	-0.109	-0.116	-0.195	1.6E-4	-5.8E-5	7.4E-7	-7.4E-7	6.1E-5	-2.0E-4
495	0.134	-0.125	0.139	-0.110	-0.115	-0.194	1.5E-4	-3.8E-5	1.9E-7	-1.9E-7	7.9E-5	-2.1E-4
496	0.134	-0.125	0.145	-0.112	-0.114	-0.195	1.7E-4	-4.4E-5	4.4E-7	-4.4E-7	6.8E-5	-1.2E-4
497	0.121	-0.106	0.130	-0.108	-0.112	-0.194	1.6E-4	-2.9E-5	1.6E-7	-1.6E-7	1.5E-4	-1.4E-4
498	0.105	-0.087	0.113	-0.105	-0.111	-0.193	2.5E-4	-8.4E-5	6.9E-7	-6.9E-7	1.6E-4	-1.8E-4
499	0.104	-0.089	0.073	-0.076	-0.107	-0.206	1.7E-4	-2.0E-4	7.0E-8	-7.0E-8	6.4E-5	-1.0E-4
500	0.104	-0.090	0.083	-0.083	-0.112	-0.196	2.1E-4	-1.6E-4	4.0E-7	-4.0E-7	8.9E-5	-1.2E-4
501	0.129	-0.120	0.103	-0.103	-0.108	-0.209	1.5E-4	-1.4E-4	6.6E-7	-6.6E-7	5.2E-5	-1.4E-4
502	0.117	-0.105	0.088	-0.091	-0.108	-0.207	1.8E-4	-1.5E-4	5.9E-7	-5.9E-7	5.3E-5	-1.4E-4
503	0.117	-0.106	0.101	-0.096	-0.113	-0.198	1.9E-4	-1.4E-4	6.9E-7	-6.9E-7	5.2E-5	-1.3E-4
504	0.130	-0.121	0.116	-0.107	-0.114	-0.201	1.7E-4	-9.0E-5	5.2E-7	-5.2E-7	4.6E-5	-1.7E-4
505	0.119	-0.113	0.091	-0.099	-0.117	-0.222	1.6E-5	-8.4E-6	2.1E-4	-1.1E-4	7.5E-5	-1.3E-4
506	0.108	-0.108	0.092	-0.099	-0.122	-0.227	1.4E-5	-1.7E-5	1.8E-4	-2.2E-4	4.7E-5	-1.2E-4

RELAZIONE DI CALCOLO -

507	0.085	-0.077	0.063	-0.071	-0.115	-0.202	1.8E-5	-1.3E-5	2.3E-4	-1.6E-4	1.7E-4	-2.5E-4
508	0.102	-0.096	0.077	-0.086	-0.116	-0.208	1.5E-5	-1.8E-5	1.9E-4	-2.3E-4	1.1E-4	-1.7E-4
509	0.087	-0.087	0.078	-0.086	-0.129	-0.210	2.2E-5	-2.0E-5	2.8E-4	-2.6E-4	1.0E-4	-1.7E-4
510	0.065	-0.063	0.064	-0.072	-0.127	-0.194	1.9E-5	-1.7E-5	2.4E-4	-2.2E-4	1.4E-4	-2.1E-4
511	0.124	-0.107	0.148	-0.114	-0.135	-0.203	7.1E-7	-7.1E-7	2.5E-4	-1.5E-4	1.3E-4	-7.6E-5
512	0.124	-0.113	0.148	-0.114	-0.124	-0.194	6.6E-7	-6.6E-7	2.1E-4	-1.3E-4	1.4E-4	-1.1E-4
513	0.094	-0.075	0.120	-0.111	-0.133	-0.190	4.8E-7	-4.8E-7	1.9E-4	-2.5E-4	1.6E-4	-1.6E-4
514	0.111	-0.090	0.134	-0.113	-0.134	-0.191	2.1E-7	-2.1E-7	2.5E-4	-2.3E-4	1.5E-4	-1.3E-4
515	0.112	-0.093	0.134	-0.113	-0.123	-0.192	8.1E-7	-8.1E-7	2.4E-4	-1.9E-4	1.7E-4	-1.3E-4
516	0.096	-0.076	0.120	-0.111	-0.122	-0.191	5.7E-7	-5.7E-7	2.0E-4	-2.1E-4	1.7E-4	-1.7E-4
517	0.099	-0.098	0.071	-0.080	-0.147	-0.239	8.5E-7	-8.5E-7	2.1E-4	-1.8E-4	6.8E-5	-1.0E-4
518	0.081	-0.080	0.067	-0.071	-0.159	-0.223	8.3E-7	-8.3E-7	2.2E-4	-2.3E-4	2.1E-5	-5.6E-5
519	0.060	-0.059	0.062	-0.062	-0.160	-0.209	7.8E-7	-7.8E-7	2.5E-4	-2.4E-4	6.2E-5	-8.9E-5
520	0.098	-0.100	0.071	-0.076	-0.146	-0.237	7.3E-7	-7.3E-7	1.9E-4	-2.0E-4	1.0E-4	-7.9E-5
521	0.079	-0.081	0.065	-0.069	-0.155	-0.221	5.7E-8	-5.7E-8	2.3E-4	-2.3E-4	6.2E-5	-2.1E-5
522	0.058	-0.061	0.060	-0.062	-0.153	-0.207	3.8E-7	-3.8E-7	2.5E-4	-2.5E-4	1.1E-4	-5.8E-5
523	0.059	-0.077	0.114	-0.115	-0.158	-0.206	4.8E-7	-4.8E-7	3.1E-4	-1.8E-4	1.7E-4	-1.3E-4
524	0.073	-0.098	0.122	-0.123	-0.159	-0.216	1.7E-7	-1.7E-7	3.1E-4	-2.8E-4	1.3E-4	-1.2E-4
525	0.094	-0.115	0.131	-0.131	-0.160	-0.230	3.6E-8	-3.6E-8	1.9E-4	-3.1E-4	1.4E-4	-9.8E-5
526	0.045	-0.060	0.114	-0.115	-0.158	-0.209	1.6E-7	-1.6E-7	3.2E-4	-1.9E-4	1.7E-4	-1.5E-4
527	0.061	-0.083	0.123	-0.123	-0.159	-0.219	9.7E-8	-9.7E-8	2.9E-4	-2.8E-4	1.6E-4	-1.3E-4
528	0.080	-0.101	0.131	-0.131	-0.160	-0.233	6.7E-7	-6.7E-7	2.4E-4	-2.8E-4	1.3E-4	-1.7E-4
529	0.033	-0.046	0.114	-0.115	-0.156	-0.211	4.1E-7	-4.1E-7	3.1E-4	-1.9E-4	1.0E-4	-8.5E-5
530	0.049	-0.070	0.123	-0.123	-0.157	-0.221	1.2E-7	-1.2E-7	3.0E-4	-2.5E-4	1.0E-4	-1.0E-4
531	0.069	-0.091	0.131	-0.131	-0.158	-0.235	4.4E-7	-4.4E-7	2.6E-4	-2.5E-4	9.2E-5	-1.0E-4
532	0.029	-0.041	0.114	-0.115	-0.152	-0.215	4.7E-8	-4.7E-8	2.9E-4	-1.8E-4	5.0E-5	-4.4E-5
533	0.046	-0.065	0.123	-0.123	-0.153	-0.223	3.1E-8	-3.1E-8	2.8E-4	-2.2E-4	5.2E-5	-4.3E-5
534	0.065	-0.088	0.131	-0.131	-0.154	-0.237	3.9E-7	-3.9E-7	2.4E-4	-2.2E-4	5.6E-5	-6.6E-5
535	0.034	-0.046	0.114	-0.114	-0.147	-0.220	5.7E-7	-5.7E-7	2.6E-4	-1.5E-4	1.0E-4	-9.6E-5
536	0.047	-0.066	0.123	-0.122	-0.147	-0.224	3.9E-7	-3.9E-7	2.5E-4	-1.8E-4	6.3E-5	-5.9E-5
537	0.062	-0.086	0.131	-0.131	-0.148	-0.238	6.1E-7	-6.1E-7	2.1E-4	-1.7E-4	6.0E-5	-6.0E-5
538	0.064	-0.089	0.131	-0.131	-0.142	-0.238	3.8E-7	-3.8E-7	1.7E-4	-1.2E-4	7.2E-5	-6.9E-5
539	0.071	-0.096	0.131	-0.130	-0.136	-0.238	6.0E-7	-6.0E-7	1.3E-4	-7.0E-5	7.9E-5	-6.8E-5
540	0.047	-0.058	0.114	-0.114	-0.141	-0.226	1.3E-7	-1.3E-7	2.1E-4	-1.1E-4	1.6E-4	-1.5E-4
541	0.056	-0.075	0.123	-0.122	-0.142	-0.227	4.4E-7	-4.4E-7	2.0E-4	-1.3E-4	1.3E-4	-1.2E-4
542	0.069	-0.087	0.123	-0.122	-0.136	-0.234	3.7E-7	-3.7E-7	1.5E-4	-7.8E-5	1.2E-4	-1.1E-4
543	0.064	-0.075	0.114	-0.114	-0.135	-0.233	3.0E-8	-3.0E-8	1.7E-4	-7.1E-5	1.9E-4	-1.8E-4
544	0.093	-0.094	0.067	-0.073	-0.145	-0.236	4.5E-5	-9.1E-5	4.5E-7	-4.5E-7	6.0E-5	-9.4E-5
545	0.078	-0.079	0.063	-0.065	-0.156	-0.222	5.2E-5	-8.9E-5	4.0E-7	-4.0E-7	7.2E-5	-8.4E-5
546	0.063	-0.063	0.057	-0.058	-0.163	-0.209	6.9E-5	-7.9E-5	3.7E-7	-3.7E-7	9.6E-5	-8.9E-5
547	0.060	-0.063	0.062	-0.063	-0.141	-0.189	6.2E-7	-6.2E-7	1.2E-4	-9.2E-5	6.2E-5	-5.8E-5
548	0.066	-0.073	0.066	-0.072	-0.142	-0.200	2.0E-7	-2.0E-7	1.5E-4	-8.1E-5	1.1E-4	-1.3E-4
549	0.071	-0.084	0.070	-0.081	-0.137	-0.214	6.0E-7	-6.0E-7	1.3E-4	-6.8E-5	9.9E-5	-1.3E-4
550	0.054	-0.057	0.062	-0.063	-0.150	-0.194	3.3E-7	-3.3E-7	1.5E-4	-1.3E-4	5.9E-5	-6.9E-5
551	0.064	-0.070	0.066	-0.072	-0.150	-0.206	8.5E-8	-8.5E-8	1.5E-4	-1.1E-4	5.0E-5	-6.3E-5
552	0.073	-0.083	0.070	-0.081	-0.138	-0.220	4.8E-7	-4.8E-7	1.5E-4	-9.2E-5	6.9E-5	-9.7E-5
553	0.054	-0.056	0.062	-0.063	-0.159	-0.199	5.5E-7	-5.5E-7	1.7E-4	-1.5E-4	4.5E-5	-5.7E-5
554	0.066	-0.071	0.066	-0.072	-0.151	-0.212	7.1E-7	-7.1E-7	1.7E-4	-1.4E-4	5.0E-5	-6.5E-5
555	0.077	-0.085	0.070	-0.081	-0.139	-0.225	6.7E-7	-6.7E-7	1.6E-4	-1.2E-4	6.0E-5	-8.2E-5
556	0.083	-0.089	0.071	-0.081	-0.141	-0.230	5.9E-7	-5.9E-7	1.7E-4	-1.3E-4	6.5E-5	-8.7E-5
557	0.088	-0.092	0.071	-0.080	-0.143	-0.234	2.4E-7	-2.4E-7	1.8E-4	-1.6E-4	5.2E-5	-7.5E-5
558	0.056	-0.057	0.062	-0.063	-0.165	-0.204	1.4E-7	-1.4E-7	1.8E-4	-1.6E-4	4.5E-5	-5.7E-5
559	0.070	-0.073	0.066	-0.072	-0.152	-0.216	7.8E-7	-7.8E-7	1.9E-4	-1.6E-4	5.7E-5	-6.9E-5
560	0.074	-0.076	0.066	-0.071	-0.154	-0.220	3.4E-7	-3.4E-7	1.8E-4	-1.6E-4	5.5E-5	-6.1E-5
561	0.060	-0.060	0.062	-0.063	-0.166	-0.207	4.5E-7	-4.5E-7	1.9E-4	-1.6E-4	6.6E-5	-6.6E-5
562	0.060	-0.059	0.060	-0.062	-0.157	-0.208	6.5E-7	-6.5E-7	1.8E-4	-1.8E-4	7.8E-5	-6.6E-5
563	0.076	-0.074	0.065	-0.069	-0.156	-0.221	2.6E-7	-2.6E-7	1.7E-4	-1.7E-4	7.5E-5	-4.7E-5
564	0.091	-0.089	0.071	-0.076	-0.144	-0.235	2.3E-8	-2.3E-8	1.7E-4	-1.7E-4	8.6E-5	-4.4E-5
565	0.057	-0.054	0.060	-0.062	-0.158	-0.207	4.3E-7	-4.3E-7	1.6E-4	-1.8E-4	6.2E-5	-4.6E-5
566	0.073	-0.068	0.065	-0.069	-0.155	-0.219	5.4E-7	-5.4E-7	1.7E-4	-1.9E-4	8.6E-5	-4.7E-5
567	0.089	-0.082	0.070	-0.076	-0.143	-0.233	3.2E-7	-3.2E-7	1.5E-4	-1.6E-4	1.1E-4	-4.5E-5
568	0.056	-0.051	0.060	-0.062	-0.156	-0.204	2.7E-7	-2.7E-7	1.4E-4	-1.9E-4	5.9E-5	-4.3E-5
569	0.072	-0.063	0.065	-0.069	-0.155	-0.217	4.0E-7	-4.0E-7	1.4E-4	-1.9E-4	8.1E-5	-3.5E-5
570	0.088	-0.074	0.070	-0.077	-0.144	-0.230	2.5E-7	-2.5E-7	1.2E-4	-1.7E-4	1.1E-4	-3.4E-5
571	0.087	-0.067	0.070	-0.077	-0.144	-0.227	2.9E-7	-2.9E-7	8.8E-5	-1.7E-4	1.2E-4	-4.1E-5
572	0.091	-0.064	0.070	-0.077	-0.145	-0.222	5.7E-7	-5.7E-7	4.7E-5	-1.6E-4	1.4E-4	-7.7E-5
573	0.058	-0.051	0.060	-0.062	-0.153	-0.201	3.6E-7	-3.6E-7	1.0E-4	-1.8E-4	7.3E-5	-5.6E-5
574	0.072	-0.059	0.065	-0.069	-0.153	-0.213	3.8E-7	-3.8E-7	9.8E-5	-1.8E-4	8.1E-5	-3.2E-5
575	0.077	-0.060	0.065	-0.069	-0.147	-0.208	1.5E-7	-1.5E-7	6.0E-5	-1.7E-4	1.4E-4	-9.9E-5
576	0.064	-0.056	0.060	-0.062	-0.146	-0.197	6.6E-7	-6.6E-7	5.3E-5	-1.7E-4	7.5E-5	-5.5E-5
577	0.077	-0.062	0.121	-0.110	-0.174	-0.259	4.5E-8	-4.5E-8	2.8E-5	-2.1E-4	1.9E-4	-1.8E-4
578	0.093	-0.064	0.135	-0.112	-0.175	-0.261	5.4E-7	-5.4E-7	3.3E-5	-1.8E-4	1.1E-4	-1.1E-4

RELAZIONE DI CALCOLO -

579	0.105	-0.063	0.149	-0.113	-0.176	-0.272	3.3E-7	-3.3E-7	2.2E-5	-1.6E-4	8.0E-5	-7.0E-5
580	0.060	-0.046	0.121	-0.111	-0.171	-0.248	4.5E-7	-4.5E-7	7.5E-5	-2.4E-4	1.6E-4	-1.5E-4
581	0.080	-0.052	0.135	-0.112	-0.172	-0.251	1.8E-7	-1.8E-7	8.4E-5	-2.2E-4	1.3E-4	-1.2E-4
582	0.097	-0.057	0.149	-0.113	-0.173	-0.265	4.5E-7	-4.5E-7	7.5E-5	-2.0E-4	8.5E-5	-5.4E-5
583	0.048	-0.036	0.121	-0.111	-0.168	-0.238	4.9E-7	-4.9E-7	1.2E-4	-2.7E-4	1.0E-4	-9.4E-5
584	0.071	-0.047	0.135	-0.112	-0.169	-0.244	2.7E-7	-2.7E-7	1.4E-4	-2.6E-4	7.3E-5	-4.8E-5
585	0.092	-0.058	0.148	-0.114	-0.170	-0.258	2.3E-7	-2.3E-7	1.3E-4	-2.3E-4	8.2E-5	-3.8E-5
586	0.043	-0.032	0.121	-0.111	-0.165	-0.227	3.8E-7	-3.8E-7	1.6E-4	-3.0E-4	5.0E-5	-4.1E-5
587	0.069	-0.047	0.134	-0.112	-0.166	-0.236	3.2E-7	-3.2E-7	1.9E-4	-2.9E-4	6.1E-5	-3.7E-5
588	0.092	-0.063	0.148	-0.114	-0.167	-0.250	4.3E-7	-4.3E-7	1.8E-4	-2.5E-4	8.9E-5	-3.2E-5
589	0.046	-0.034	0.120	-0.111	-0.162	-0.217	6.1E-7	-6.1E-7	1.8E-4	-3.1E-4	9.4E-5	-9.6E-5
590	0.071	-0.050	0.134	-0.112	-0.162	-0.227	1.5E-7	-1.5E-7	2.3E-4	-3.0E-4	1.2E-4	-8.8E-5
591	0.093	-0.069	0.148	-0.114	-0.163	-0.241	1.3E-7	-1.3E-7	2.3E-4	-2.5E-4	1.2E-4	-7.2E-5
592	0.102	-0.082	0.148	-0.114	-0.157	-0.232	3.5E-7	-3.5E-7	2.7E-4	-2.4E-4	1.8E-4	-1.2E-4
593	0.114	-0.097	0.148	-0.114	-0.151	-0.222	5.9E-7	-5.9E-7	3.1E-4	-1.9E-4	1.0E-4	-1.4E-4
594	0.059	-0.047	0.120	-0.111	-0.156	-0.208	1.2E-7	-1.2E-7	1.9E-4	-3.2E-4	1.5E-4	-1.7E-4
595	0.083	-0.063	0.134	-0.112	-0.157	-0.218	3.7E-7	-3.7E-7	2.7E-4	-2.9E-4	1.4E-4	-1.5E-4
596	0.097	-0.075	0.134	-0.112	-0.150	-0.208	1.4E-7	-1.4E-7	2.7E-4	-2.9E-4	1.2E-4	-1.3E-4
597	0.076	-0.061	0.120	-0.111	-0.149	-0.200	6.6E-7	-6.6E-7	1.9E-4	-3.1E-4	1.3E-4	-1.7E-4
598	0.066	-0.075	0.080	-0.079	-0.129	-0.222	2.3E-4	-2.3E-4	1.4E-7	-1.4E-7	2.0E-4	-2.0E-4
599	0.069	-0.085	0.101	-0.101	-0.131	-0.225	2.2E-4	-2.2E-4	1.2E-7	-1.2E-7	1.3E-4	-1.3E-4
600	0.073	-0.094	0.117	-0.118	-0.132	-0.238	1.3E-4	-1.5E-4	7.3E-8	-7.3E-8	9.2E-5	-7.7E-5
601	0.075	-0.095	0.109	-0.112	-0.133	-0.235	1.3E-4	-1.5E-4	6.1E-7	-6.1E-7	1.1E-4	-8.2E-5
602	0.074	-0.093	0.100	-0.105	-0.132	-0.230	1.6E-4	-1.9E-4	6.4E-7	-6.4E-7	1.0E-4	-7.5E-5
603	0.071	-0.083	0.080	-0.082	-0.131	-0.214	2.8E-4	-3.1E-4	7.1E-7	-7.1E-7	8.3E-5	-7.1E-5
604	0.068	-0.074	0.055	-0.055	-0.129	-0.211	2.5E-4	-2.7E-4	1.9E-7	-1.9E-7	7.3E-5	-7.2E-5
605	0.066	-0.075	0.098	-0.097	-0.131	-0.229	1.7E-4	-1.7E-4	4.3E-7	-4.3E-7	2.0E-4	-2.0E-4
606	0.069	-0.084	0.112	-0.111	-0.132	-0.230	1.5E-4	-1.5E-4	5.1E-7	-5.1E-7	1.3E-4	-1.3E-4
607	0.072	-0.093	0.124	-0.123	-0.133	-0.236	1.2E-4	-1.3E-4	4.3E-7	-4.3E-7	9.2E-5	-8.1E-5
608	0.068	-0.074	0.052	-0.053	-0.128	-0.207	2.5E-4	-2.8E-4	3.6E-7	-3.6E-7	7.2E-5	-7.2E-5
609	0.068	-0.074	0.052	-0.052	-0.127	-0.204	2.1E-4	-2.5E-4	4.2E-7	-4.2E-7	8.1E-5	-8.4E-5
610	0.068	-0.074	0.055	-0.054	-0.126	-0.201	1.7E-4	-2.2E-4	7.2E-7	-7.2E-7	1.0E-4	-1.0E-4
611	0.071	-0.082	0.069	-0.074	-0.127	-0.202	1.6E-4	-2.2E-4	3.1E-7	-3.1E-7	8.3E-5	-7.6E-5
612	0.073	-0.090	0.082	-0.091	-0.128	-0.214	1.2E-4	-1.8E-4	8.5E-7	-8.5E-7	8.2E-5	-6.6E-5
613	0.071	-0.083	0.074	-0.078	-0.129	-0.210	2.3E-4	-2.7E-4	5.4E-7	-5.4E-7	8.0E-5	-6.9E-5
614	0.071	-0.082	0.071	-0.074	-0.128	-0.205	2.1E-4	-2.5E-4	3.0E-7	-3.0E-7	8.1E-5	-7.3E-5
615	0.073	-0.091	0.087	-0.094	-0.129	-0.219	1.5E-4	-2.0E-4	9.2E-7	-9.2E-7	8.6E-5	-6.7E-5
616	0.074	-0.091	0.092	-0.099	-0.130	-0.224	1.8E-4	-2.2E-4	3.7E-7	-3.7E-7	8.9E-5	-6.8E-5
617	0.074	-0.090	0.074	-0.084	-0.125	-0.203	5.8E-5	-1.2E-4	4.6E-7	-4.6E-7	6.8E-5	-6.9E-5
618	0.071	-0.082	0.068	-0.073	-0.124	-0.195	7.4E-5	-1.3E-4	4.1E-7	-4.1E-7	7.4E-5	-7.2E-5
619	0.068	-0.073	0.061	-0.061	-0.124	-0.195	8.0E-5	-1.4E-4	1.0E-6	-1.0E-6	9.2E-5	-8.5E-5
620	0.079	-0.068	0.056	-0.049	-0.160	-0.237	2.6E-4	-1.9E-4	3.9E-7	-3.9E-7	6.8E-5	-9.2E-5
621	0.091	-0.067	0.083	-0.070	-0.162	-0.243	3.0E-4	-2.4E-4	7.9E-7	-7.9E-7	5.3E-5	-1.1E-4
622	0.104	-0.065	0.108	-0.090	-0.164	-0.259	2.3E-4	-1.8E-4	4.5E-7	-4.5E-7	4.2E-5	-1.4E-4
623	0.107	-0.067	0.120	-0.093	-0.169	-0.267	2.1E-4	-1.2E-4	2.2E-7	-2.2E-7	4.9E-5	-1.4E-4
624	0.106	-0.064	0.132	-0.099	-0.171	-0.272	2.1E-4	-9.8E-5	9.6E-7	-9.6E-7	7.3E-5	-1.2E-4
625	0.093	-0.065	0.111	-0.088	-0.168	-0.256	2.5E-4	-1.3E-4	5.2E-7	-5.2E-7	1.4E-4	-1.7E-4
626	0.080	-0.066	0.087	-0.076	-0.166	-0.252	2.6E-4	-1.3E-4	2.2E-7	-2.2E-7	2.1E-4	-2.2E-4
627	0.100	-0.065	0.081	-0.081	-0.149	-0.233	1.5E-4	-1.7E-4	6.4E-7	-6.4E-7	4.8E-5	-1.1E-4
628	0.089	-0.067	0.067	-0.066	-0.148	-0.219	1.7E-4	-1.9E-4	7.8E-7	-7.8E-7	6.8E-5	-1.0E-4
629	0.078	-0.069	0.053	-0.051	-0.147	-0.219	1.8E-4	-1.7E-4	1.1E-7	-1.1E-7	9.4E-5	-1.1E-4
630	0.078	-0.069	0.050	-0.047	-0.152	-0.225	2.2E-4	-2.0E-4	3.2E-7	-3.2E-7	7.7E-5	-9.6E-5
631	0.078	-0.068	0.052	-0.047	-0.156	-0.231	2.6E-4	-2.1E-4	6.1E-7	-6.1E-7	6.7E-5	-8.9E-5
632	0.100	-0.065	0.088	-0.082	-0.154	-0.241	1.9E-4	-1.9E-4	3.6E-7	-3.6E-7	4.3E-5	-1.1E-4
633	0.089	-0.067	0.070	-0.065	-0.153	-0.227	2.2E-4	-2.1E-4	8.0E-7	-8.0E-7	5.8E-5	-1.0E-4
634	0.090	-0.067	0.075	-0.066	-0.157	-0.235	2.6E-4	-2.2E-4	5.5E-7	-5.5E-7	5.4E-5	-1.0E-4
635	0.101	-0.065	0.096	-0.085	-0.159	-0.249	2.2E-4	-2.0E-4	3.0E-7	-3.0E-7	4.1E-5	-1.2E-4
636	0.109	-0.064	0.131	-0.099	-0.169	-0.274	2.0E-4	-1.1E-4	6.8E-7	-6.8E-7	4.6E-5	-1.3E-4
637	0.109	-0.064	0.136	-0.101	-0.171	-0.276	2.0E-4	-9.6E-5	1.1E-6	-1.1E-6	5.4E-5	-1.2E-4
638	0.080	-0.066	0.105	-0.094	-0.171	-0.262	2.2E-4	-7.7E-5	3.7E-7	-3.7E-7	2.1E-4	-2.2E-4
639	0.092	-0.065	0.124	-0.100	-0.173	-0.264	2.0E-4	-6.4E-5	4.6E-7	-4.6E-7	1.4E-4	-1.6E-4
640	0.103	-0.063	0.140	-0.105	-0.174	-0.274	1.8E-4	-5.0E-5	1.4E-8	-1.4E-8	9.3E-5	-1.2E-4
641	0.100	-0.066	0.073	-0.078	-0.139	-0.217	6.9E-5	-1.1E-4	4.6E-7	-4.6E-7	6.6E-5	-8.4E-5
642	0.089	-0.067	0.067	-0.069	-0.139	-0.208	7.9E-5	-1.1E-4	4.1E-7	-4.1E-7	7.0E-5	-9.1E-5
643	0.078	-0.069	0.060	-0.060	-0.138	-0.207	9.5E-5	-1.3E-4	9.4E-7	-9.4E-7	8.9E-5	-1.0E-4
644	0.148	-0.145	0.146	-0.146	-0.145	-0.248	1.0E-4	-8.4E-5	1.2E-6	-1.2E-6	5.9E-5	-8.6E-5
645	0.162	-0.158	0.154	-0.154	-0.132	-0.263	9.3E-5	-1.0E-4	1.2E-6	-1.2E-6	7.0E-5	-9.9E-5
646	0.174	-0.168	0.162	-0.164	-0.119	-0.278	8.4E-5	-9.9E-5	4.7E-7	-4.7E-7	1.1E-4	-7.0E-5
647	0.175	-0.168	0.156	-0.162	-0.117	-0.281	6.3E-5	-7.2E-5	1.2E-6	-1.2E-6	1.7E-4	-2.4E-5
648	0.173	-0.167	0.147	-0.162	-0.115	-0.284	7.0E-5	-5.3E-5	5.6E-7	-5.6E-7	1.8E-4	-2.0E-5
649	0.162	-0.157	0.140	-0.157	-0.128	-0.269	8.8E-5	-7.3E-5	4.5E-7	-4.5E-7	1.9E-4	-2.8E-5
650	0.150	-0.146	0.131	-0.148	-0.142	-0.253	1.0E-4	-1.3E-4	1.9E-7	-1.9E-7	1.8E-4	-3.3E-5

651	0.150	-0.146	0.118	-0.147	-0.139	-0.259	1.0E-4	-1.2E-4	3.8E-7	-3.8E-7	1.9E-4	-3.2E-5
652	0.150	-0.145	0.105	-0.145	-0.135	-0.265	7.3E-5	-1.3E-4	1.4E-7	-1.4E-7	1.3E-4	-4.5E-5
653	0.161	-0.156	0.125	-0.155	-0.126	-0.273	7.9E-5	-8.6E-5	4.2E-7	-4.2E-7	1.6E-4	-2.7E-5
654	0.160	-0.155	0.112	-0.152	-0.124	-0.277	9.4E-5	-6.8E-5	3.1E-7	-3.1E-7	1.4E-4	-4.4E-5
655	0.168	-0.163	0.117	-0.158	-0.113	-0.289	5.1E-5	-8.2E-5	3.7E-7	-3.7E-7	1.4E-4	-5.2E-5
656	0.170	-0.164	0.131	-0.160	-0.115	-0.284	7.2E-5	-5.1E-5	2.9E-7	-2.9E-7	1.7E-4	-2.1E-5
657	0.162	-0.160	0.163	-0.164	-0.122	-0.274	8.3E-7	-8.3E-7	7.4E-5	-1.0E-4	6.4E-5	-1.4E-4
658	0.150	-0.156	0.163	-0.163	-0.122	-0.275	3.7E-7	-3.7E-7	7.4E-5	-8.7E-5	3.3E-5	-1.6E-4
659	0.141	-0.141	0.148	-0.149	-0.145	-0.248	7.6E-7	-7.6E-7	1.4E-4	-1.4E-4	5.5E-5	-7.5E-5
660	0.153	-0.152	0.156	-0.157	-0.133	-0.261	8.6E-7	-8.6E-7	1.3E-4	-1.3E-4	6.4E-5	-1.1E-4
661	0.144	-0.146	0.155	-0.156	-0.133	-0.263	2.3E-7	-2.3E-7	1.8E-4	-6.1E-5	6.1E-5	-1.0E-4
662	0.136	-0.135	0.147	-0.148	-0.144	-0.250	4.3E-7	-4.3E-7	1.1E-4	-1.4E-4	1.0E-4	-5.8E-5
663	0.152	-0.150	0.107	-0.153	-0.102	-0.303	3.0E-7	-3.0E-7	8.6E-5	-7.9E-5	8.8E-5	-9.9E-5
664	0.160	-0.157	0.107	-0.153	-0.106	-0.298	6.0E-7	-6.0E-7	3.9E-5	-1.5E-4	6.8E-5	-9.8E-5
665	0.133	-0.133	0.096	-0.139	-0.122	-0.276	4.1E-7	-4.1E-7	1.3E-4	-1.1E-4	6.7E-5	-1.3E-4
666	0.143	-0.143	0.102	-0.147	-0.112	-0.290	3.3E-7	-3.3E-7	1.2E-4	-1.5E-4	7.1E-5	-1.1E-4
667	0.152	-0.148	0.102	-0.147	-0.117	-0.286	8.4E-7	-8.4E-7	1.9E-4	-7.0E-5	5.8E-5	-1.0E-4
668	0.142	-0.138	0.096	-0.139	-0.127	-0.273	1.6E-7	-1.6E-7	5.6E-5	-1.8E-4	5.0E-5	-1.0E-4
669	0.150	-0.145	0.151	-0.112	-0.111	-0.223	9.7E-5	2.7E-5	2.1E-7	-2.1E-7	3.5E-5	-1.9E-4
670	0.160	-0.157	0.161	-0.109	-0.096	-0.238	1.3E-4	2.7E-5	4.8E-7	-4.8E-7	3.4E-5	-2.1E-4
671	0.169	-0.167	0.178	-0.113	-0.083	-0.252	2.6E-4	-1.1E-4	3.1E-7	-3.1E-7	3.1E-5	-2.2E-4
672	0.169	-0.168	0.187	-0.112	-0.085	-0.249	2.9E-4	-1.5E-4	8.6E-7	-8.6E-7	2.8E-5	-1.9E-4
673	0.169	-0.167	0.198	-0.116	-0.088	-0.245	1.9E-4	-5.0E-5	2.0E-6	-2.0E-6	1.1E-4	-1.9E-4
674	0.160	-0.156	0.185	-0.115	-0.101	-0.231	1.2E-4	1.8E-5	7.2E-7	-7.2E-7	9.5E-5	-1.3E-4
675	0.150	-0.145	0.172	-0.115	-0.113	-0.217	1.7E-4	-1.3E-5	6.4E-7	-6.4E-7	5.5E-5	-9.2E-5
676	0.149	-0.145	0.125	-0.114	-0.103	-0.235	1.0E-4	-3.4E-5	1.4E-7	-1.4E-7	2.8E-5	-1.5E-4
677	0.149	-0.145	0.138	-0.114	-0.107	-0.229	1.1E-4	1.4E-5	1.6E-7	-1.6E-7	2.9E-5	-2.0E-4
678	0.166	-0.163	0.143	-0.113	-0.081	-0.258	1.1E-4	-1.3E-5	1.1E-7	-1.1E-7	4.0E-5	-1.8E-4
679	0.157	-0.154	0.134	-0.114	-0.092	-0.247	1.4E-4	3.8E-5	7.5E-7	-7.5E-7	3.5E-5	-1.7E-4
680	0.158	-0.155	0.146	-0.112	-0.095	-0.241	1.2E-4	2.3E-5	8.8E-8	-8.8E-8	1.9E-5	-1.8E-4
681	0.166	-0.164	0.157	-0.112	-0.083	-0.253	1.8E-4	-3.4E-5	8.8E-7	-8.8E-7	2.7E-5	-1.9E-4
682	0.157	-0.156	0.135	-0.115	-0.080	-0.273	1.2E-5	-5.6E-9	1.6E-4	-9.9E-8	9.1E-5	-9.8E-5
683	0.149	-0.150	0.136	-0.116	-0.082	-0.283	5.6E-6	-8.1E-6	7.3E-5	-1.1E-4	6.5E-5	-9.2E-5
684	0.140	-0.140	0.115	-0.112	-0.101	-0.249	1.3E-5	-2.5E-6	1.7E-4	-3.3E-5	7.5E-5	-7.4E-5
685	0.149	-0.148	0.125	-0.114	-0.090	-0.261	4.5E-6	-1.3E-5	5.8E-5	-1.7E-4	8.0E-5	-8.7E-5
686	0.141	-0.141	0.126	-0.115	-0.092	-0.270	1.1E-5	-6.8E-6	1.4E-4	-8.8E-5	9.2E-5	-9.2E-5
687	0.133	-0.132	0.116	-0.113	-0.102	-0.257	7.7E-6	-8.5E-6	1.0E-4	-1.1E-4	1.1E-4	-9.0E-5
688	0.153	-0.150	0.200	-0.120	-0.102	-0.255	2.8E-7	-2.8E-7	8.4E-5	-1.0E-4	1.0E-4	-7.3E-5
689	0.159	-0.158	0.201	-0.120	-0.097	-0.247	3.4E-7	-3.4E-7	9.5E-5	-9.9E-5	9.3E-5	-7.8E-5
690	0.135	-0.137	0.174	-0.117	-0.124	-0.229	5.1E-7	-5.1E-7	1.5E-4	-9.7E-5	3.2E-5	-1.2E-4
691	0.144	-0.145	0.187	-0.119	-0.113	-0.242	6.8E-7	-6.8E-7	5.3E-5	-1.3E-4	6.6E-5	-8.2E-5
692	0.151	-0.150	0.188	-0.119	-0.108	-0.235	7.6E-7	-7.6E-7	1.1E-4	-1.1E-4	6.3E-5	-9.2E-5
693	0.142	-0.140	0.175	-0.117	-0.121	-0.221	4.4E-8	-4.4E-8	1.3E-4	-1.1E-4	5.0E-5	-9.1E-5
694	0.137	-0.137	0.084	-0.113	-0.103	-0.293	9.3E-8	-9.3E-8	1.2E-4	-7.5E-5	9.5E-5	-1.2E-4
695	0.129	-0.129	0.081	-0.106	-0.114	-0.280	8.0E-7	-8.0E-7	9.2E-5	-1.2E-4	9.2E-5	-1.1E-4
696	0.121	-0.122	0.078	-0.098	-0.125	-0.268	1.0E-6	-1.0E-6	9.1E-5	-9.9E-5	9.3E-5	-8.3E-5
697	0.136	-0.139	0.087	-0.102	-0.101	-0.292	9.3E-7	-9.3E-7	1.0E-4	-8.8E-5	1.1E-4	-1.1E-4
698	0.128	-0.130	0.083	-0.096	-0.112	-0.279	7.8E-7	-7.8E-7	1.2E-4	-1.0E-4	9.4E-5	-1.0E-4
699	0.121	-0.122	0.079	-0.090	-0.123	-0.266	9.2E-0	-9.2E-0	9.3E-5	-9.4E-5	7.3E-5	-9.4E-5
700	0.123	-0.127	0.147	-0.147	-0.140	-0.256	4.8E-7	-4.8E-7	1.2E-4	-1.4E-4	1.2E-5	-1.4E-4
701	0.128	-0.136	0.155	-0.155	-0.129	-0.268	8.0E-8	-8.0E-8	1.4E-4	-5.0E-5	6.1E-5	-9.7E-5
702	0.133	-0.143	0.162	-0.162	-0.118	-0.280	3.6E-7	-3.6E-7	3.4E-5	-7.8E-5	1.1E-4	-6.0E-5
703	0.111	-0.126	0.147	-0.147	-0.138	-0.259	7.9E-7	-7.9E-7	1.2E-4	-1.5E-4	8.0E-5	-1.5E-4
704	0.121	-0.133	0.155	-0.155	-0.127	-0.271	6.7E-7	-6.7E-7	6.9E-5	-9.4E-5	5.7E-5	-1.1E-4
705	0.127	-0.137	0.162	-0.162	-0.116	-0.283	4.2E-7	-4.2E-7	3.6E-5	-5.4E-5	6.3E-5	-1.2E-4
706	0.103	-0.123	0.147	-0.147	-0.136	-0.261	3.2E-7	-3.2E-7	1.2E-4	-1.5E-4	6.7E-5	-1.2E-4
707	0.112	-0.130	0.155	-0.154	-0.125	-0.273	7.2E-7	-7.2E-7	7.0E-5	-9.2E-5	6.5E-5	-1.3E-4
708	0.117	-0.134	0.162	-0.162	-0.115	-0.285	7.0E-7	-7.0E-7	4.5E-5	-7.0E-5	6.6E-5	-1.3E-4
709	0.094	-0.119	0.147	-0.147	-0.135	-0.263	4.9E-7	-4.9E-7	1.3E-4	-1.3E-4	7.5E-5	-1.2E-4
710	0.103	-0.126	0.155	-0.154	-0.124	-0.275	5.0E-7	-5.0E-7	8.0E-5	-8.9E-5	7.4E-5	-1.2E-4
711	0.107	-0.130	0.162	-0.162	-0.113	-0.287	7.2E-7	-7.2E-7	5.8E-5	-7.2E-5	6.7E-5	-1.3E-4
712	0.086	-0.114	0.147	-0.146	-0.134	-0.264	5.7E-7	-5.7E-7	1.3E-4	-1.1E-4	8.4E-5	-1.1E-4
713	0.093	-0.122	0.155	-0.154	-0.124	-0.276	2.1E-7	-2.1E-7	7.9E-5	-7.2E-5	8.0E-5	-1.2E-4
714	0.097	-0.126	0.162	-0.162	-0.112	-0.288	7.9E-7	-7.9E-7	5.8E-5	-5.3E-5	7.2E-5	-1.3E-4
715	0.088	-0.122	0.162	-0.161	-0.112	-0.289	2.0E-8	-2.0E-8	5.9E-5	-3.7E-5	7.9E-5	-1.3E-4
716	0.083	-0.121	0.162	-0.161	-0.112	-0.290	1.6E-7	-1.6E-7	8.1E-5	-3.7E-5	9.2E-5	-1.2E-4
717	0.078	-0.108	0.147	-0.146	-0.134	-0.264	3.4E-7	-3.4E-7	1.2E-4	-9.0E-5	9.1E-5	-1.1E-4
718	0.084	-0.116	0.154	-0.154	-0.123	-0.277	2.2E-7	-2.2E-7	9.0E-5	-6.2E-5	9.0E-5	-1.2E-4
719	0.080	-0.115	0.154	-0.153	-0.123	-0.277	4.1E-7	-4.1E-7	1.0E-4	-5.3E-5	1.0E-4	-1.2E-4
720	0.077	-0.108	0.147	-0.146	-0.135	-0.265	6.2E-8	-6.2E-8	1.1E-4	-6.6E-5	9.8E-5	-1.0E-4
721	0.130	-0.133	0.081	-0.102	-0.100	-0.288	4.0E-5	-8.4E-5	1.6E-7	-1.6E-7	3.3E-5	-1.6E-4
722	0.123	-0.126	0.078	-0.095	-0.111	-0.276	4.5E-5	-8.6E-5	8.1E-7	-8.1E-7	4.7E-5	-1.4E-4

RELAZIONE DI CALCOLO -

723	0.116	-0.118	0.074	-0.088	-0.122	-0.264	4.5E-5	-8.9E-5	3.9E-7	-3.9E-7	5.2E-5	-1.3E-4
724	0.080	-0.104	0.077	-0.098	-0.114	-0.240	3.8E-7	-3.8E-7	1.4E-4	-6.9E-5	8.0E-5	-1.2E-4
725	0.084	-0.113	0.080	-0.105	-0.103	-0.252	8.4E-7	-8.4E-7	1.1E-4	-4.8E-5	7.7E-5	-1.2E-4
726	0.086	-0.120	0.083	-0.113	-0.092	-0.265	7.0E-7	-7.0E-7	8.8E-5	-1.6E-5	7.7E-5	-1.2E-4
727	0.087	-0.107	0.077	-0.098	-0.115	-0.246	7.0E-8	-7.0E-8	1.4E-4	-7.9E-5	7.1E-5	-1.1E-4
728	0.092	-0.117	0.080	-0.105	-0.104	-0.257	1.8E-7	-1.8E-7	1.1E-4	-5.3E-5	7.1E-5	-1.2E-4
729	0.095	-0.124	0.083	-0.113	-0.093	-0.269	4.1E-7	-4.1E-7	8.1E-5	-2.6E-5	6.8E-5	-1.3E-4
730	0.094	-0.110	0.078	-0.098	-0.116	-0.251	6.5E-7	-6.5E-7	1.4E-4	-9.1E-5	6.6E-5	-1.1E-4
731	0.101	-0.120	0.081	-0.106	-0.105	-0.262	7.8E-7	-7.8E-7	1.1E-4	-6.4E-5	6.6E-5	-1.2E-4
732	0.104	-0.127	0.083	-0.113	-0.094	-0.274	6.1E-7	-6.1E-7	7.5E-5	-3.6E-5	6.1E-5	-1.3E-4
733	0.113	-0.130	0.083	-0.113	-0.096	-0.279	7.1E-8	-7.1E-8	7.6E-5	-5.1E-5	5.6E-5	-1.2E-4
734	0.122	-0.132	0.084	-0.113	-0.098	-0.284	7.2E-7	-7.2E-7	9.0E-5	-7.2E-5	4.2E-5	-1.1E-4
735	0.102	-0.114	0.078	-0.098	-0.118	-0.255	5.5E-7	-5.5E-7	1.3E-4	-9.9E-5	6.2E-5	-1.1E-4
736	0.109	-0.123	0.081	-0.106	-0.107	-0.267	4.7E-7	-4.7E-7	1.1E-4	-7.2E-5	5.3E-5	-1.1E-4
737	0.116	-0.124	0.081	-0.106	-0.109	-0.272	4.8E-7	-4.8E-7	1.0E-4	-8.1E-5	4.2E-5	-1.0E-4
738	0.109	-0.116	0.078	-0.098	-0.120	-0.260	1.2E-7	-1.2E-7	1.1E-4	-9.2E-5	4.8E-5	-9.8E-5
739	0.113	-0.112	0.079	-0.090	-0.121	-0.261	6.2E-8	-6.2E-8	1.0E-4	-1.0E-4	1.1E-4	-3.7E-5
740	0.121	-0.119	0.083	-0.096	-0.111	-0.273	4.9E-7	-4.9E-7	8.6E-5	-9.5E-5	1.2E-4	-2.4E-5
741	0.128	-0.125	0.087	-0.102	-0.100	-0.285	4.3E-7	-4.3E-7	6.6E-5	-9.6E-5	1.4E-4	-1.3E-5
742	0.113	-0.103	0.079	-0.090	-0.121	-0.259	1.7E-8	-1.7E-8	1.0E-4	-1.3E-4	1.5E-4	-2.4E-5
743	0.122	-0.109	0.083	-0.096	-0.110	-0.270	7.9E-7	-7.9E-7	6.4E-5	-1.1E-4	1.6E-4	-5.4E-6
744	0.130	-0.113	0.087	-0.102	-0.099	-0.282	1.1E-7	-1.1E-7	2.8E-5	-9.7E-5	1.8E-4	1.9E-6
745	0.114	-0.091	0.079	-0.090	-0.121	-0.256	5.5E-8	-5.5E-8	8.1E-5	-1.5E-4	1.6E-4	-1.7E-5
746	0.125	-0.096	0.083	-0.096	-0.110	-0.268	1.9E-7	-1.9E-7	4.4E-5	-1.3E-4	1.8E-4	-6.3E-6
747	0.134	-0.098	0.087	-0.102	-0.100	-0.280	1.7E-7	-1.7E-7	3.0E-6	-1.1E-4	1.9E-4	4.2E-6
748	0.137	-0.083	0.087	-0.102	-0.100	-0.277	4.5E-7	-4.5E-7	-1.3E-5	-1.2E-4	1.9E-4	-3.2E-7
749	0.139	-0.069	0.087	-0.102	-0.100	-0.274	4.0E-7	-4.0E-7	-3.1E-5	-1.3E-4	1.7E-4	-2.4E-5
750	0.115	-0.079	0.079	-0.090	-0.122	-0.252	2.3E-7	-2.3E-7	5.8E-5	-1.6E-4	1.6E-4	-2.3E-5
751	0.127	-0.082	0.083	-0.096	-0.111	-0.265	8.3E-7	-8.3E-7	2.2E-5	-1.4E-4	1.8E-4	-1.3E-5
752	0.128	-0.069	0.083	-0.097	-0.111	-0.261	3.3E-7	-3.3E-7	9.1E-6	-1.6E-4	1.6E-4	-2.7E-5
753	0.116	-0.069	0.079	-0.090	-0.122	-0.249	1.0E-7	-1.0E-7	3.8E-5	-1.7E-4	1.6E-4	-3.7E-5
754	0.123	-0.062	0.175	-0.117	-0.168	-0.299	2.6E-8	-2.6E-8	2.7E-5	-1.6E-4	1.1E-4	-8.3E-5
755	0.134	-0.062	0.188	-0.119	-0.157	-0.312	1.0E-7	-1.0E-7	1.4E-5	-1.4E-4	1.2E-4	-8.6E-5
756	0.143	-0.062	0.201	-0.120	-0.146	-0.324	5.7E-7	-5.7E-7	-6.1E-6	-1.3E-4	1.3E-4	-8.3E-5
757	0.121	-0.064	0.175	-0.117	-0.161	-0.291	4.3E-8	-4.3E-8	5.0E-5	-1.6E-4	1.3E-4	-6.6E-5
758	0.132	-0.067	0.188	-0.119	-0.150	-0.304	2.4E-7	-2.4E-7	2.3E-5	-1.4E-4	1.4E-4	-6.2E-5
759	0.142	-0.068	0.201	-0.120	-0.139	-0.316	7.9E-7	-7.9E-7	-9.4E-6	-1.1E-4	1.5E-4	-4.9E-5
760	0.124	-0.075	0.175	-0.117	-0.154	-0.284	6.1E-7	-6.1E-7	7.5E-5	-1.6E-4	1.4E-4	-5.0E-5
761	0.135	-0.079	0.188	-0.119	-0.144	-0.296	5.3E-7	-5.3E-7	3.4E-5	-1.2E-4	1.6E-4	-4.2E-5
762	0.143	-0.080	0.200	-0.120	-0.133	-0.308	8.0E-7	-8.0E-7	-2.5E-6	-9.2E-5	1.7E-4	-3.1E-5
763	0.125	-0.087	0.175	-0.117	-0.148	-0.275	1.8E-7	-1.8E-7	1.0E-4	-1.5E-4	1.6E-4	-3.7E-5
764	0.135	-0.093	0.188	-0.119	-0.137	-0.287	2.8E-7	-2.8E-7	5.0E-5	-1.1E-4	1.7E-4	-2.9E-5
765	0.142	-0.095	0.200	-0.120	-0.127	-0.299	1.4E-8	-1.4E-8	1.1E-5	-8.4E-5	1.8E-4	-1.6E-5
766	0.125	-0.100	0.175	-0.117	-0.142	-0.267	4.8E-7	-4.8E-7	1.3E-4	-1.4E-4	1.6E-4	-2.9E-5
767	0.134	-0.107	0.187	-0.119	-0.132	-0.279	2.7E-7	-2.7E-7	6.6E-5	-9.3E-5	1.7E-4	-2.1E-5
768	0.140	-0.110	0.200	-0.120	-0.121	-0.291	1.4E-7	-1.4E-7	2.5E-5	-6.6E-5	1.8E-4	-1.1E-5
769	0.139	-0.125	0.200	-0.120	-0.115	-0.281	2.0E-7	-2.0E-7	3.4E-5	-5.8E-5	1.7E-4	-2.0E-5
770	0.140	-0.135	0.200	-0.120	-0.111	-0.272	7.5E-7	-7.5E-7	6.7E-5	-5.6E-5	9.3E-5	-6.6E-5
771	0.125	-0.111	0.175	-0.117	-0.137	-0.257	3.4E-7	-3.4E-7	1.4E-4	-1.3E-4	1.8E-4	-5.4E-5
772	0.133	-0.120	0.187	-0.119	-0.126	-0.269	7.5E-7	-7.5E-7	8.3E-5	-8.6E-5	1.5E-4	-1.8E-5
773	0.133	-0.130	0.187	-0.119	-0.121	-0.260	5.5E-7	-5.5E-7	5.1E-5	-1.2E-4	1.2E-4	-4.3E-5
774	0.127	-0.126	0.174	-0.117	-0.132	-0.248	4.8E-7	-4.8E-7	1.5E-4	-1.2E-4	1.5E-4	-1.2E-5
775	0.074	-0.100	0.115	-0.120	-0.132	-0.245	1.1E-4	-1.3E-4	1.8E-7	-1.8E-7	9.9E-5	-6.7E-5
776	0.075	-0.100	0.119	-0.123	-0.133	-0.247	9.2E-5	-1.1E-4	8.8E-8	-8.8E-8	9.7E-5	-6.9E-5
777	0.077	-0.108	0.124	-0.129	-0.122	-0.261	1.6E-5	-2.5E-5	3.7E-9	-3.7E-9	1.0E-4	-7.1E-5
778	0.080	-0.116	0.125	-0.132	-0.110	-0.274	3.4E-5	-5.2E-5	7.4E-7	-7.4E-7	1.2E-4	-7.6E-5
779	0.083	-0.125	0.136	-0.144	-0.097	-0.288	2.0E-4	-2.2E-4	4.4E-7	-4.4E-7	1.4E-4	-7.5E-5
780	0.084	-0.125	0.128	-0.140	-0.095	-0.286	2.5E-4	-2.8E-4	1.6E-7	-1.6E-7	1.3E-4	-5.6E-5
781	0.083	-0.125	0.123	-0.139	-0.093	-0.283	1.9E-4	-2.2E-4	5.5E-7	-5.5E-7	1.3E-4	-5.9E-5
782	0.080	-0.116	0.114	-0.127	-0.105	-0.269	1.6E-5	-4.9E-5	8.2E-7	-8.2E-7	1.2E-4	-6.6E-5
783	0.078	-0.108	0.114	-0.124	-0.118	-0.255	3.0E-5	-6.8E-5	9.3E-8	-9.3E-8	1.1E-4	-6.4E-5
784	0.075	-0.100	0.110	-0.117	-0.130	-0.242	9.3E-5	-1.3E-4	1.1E-7	-1.1E-7	1.0E-4	-6.6E-5
785	0.077	-0.106	0.099	-0.115	-0.117	-0.245	2.3E-5	-8.1E-5	2.4E-7	-2.4E-7	1.1E-4	-6.7E-5
786	0.080	-0.113	0.099	-0.119	-0.106	-0.257	1.2E-5	-7.3E-5	2.4E-7	-2.4E-7	1.1E-4	-6.5E-5
787	0.082	-0.121	0.101	-0.126	-0.094	-0.270	7.0E-5	-1.2E-4	5.5E-7	-5.5E-7	1.2E-4	-6.3E-5
788	0.080	-0.115	0.106	-0.124	-0.105	-0.263	1.7E-5	-6.2E-5	8.5E-7	-8.5E-7	1.2E-4	-6.1E-5
789	0.077	-0.107	0.106	-0.120	-0.117	-0.250	3.0E-5	-7.9E-5	4.3E-7	-4.3E-7	1.1E-4	-6.4E-5
790	0.080	-0.116	0.135	-0.138	-0.114	-0.276	4.0E-5	-4.6E-5	2.5E-7	-2.5E-7	1.2E-4	-8.2E-5
791	0.080	-0.115	0.145	-0.145	-0.118	-0.277	5.7E-5	-5.6E-5	7.4E-7	-7.4E-7	1.3E-4	-1.0E-4
792	0.077	-0.107	0.139	-0.140	-0.130	-0.264	7.2E-5	-7.3E-5	2.5E-7	-2.5E-7	1.0E-4	-8.2E-5
793	0.077	-0.108	0.132	-0.134	-0.126	-0.263	3.7E-5	-4.3E-5	2.9E-9	-2.9E-9	1.0E-4	-7.5E-5
794	0.082	-0.121	0.093	-0.122	-0.093	-0.265	5.3E-5	-1.2E-4	7.3E-7	-7.3E-7	1.1E-4	-6.9E-5

RELAZIONE DI CALCOLO -

795	0.080	-0.113	0.091	-0.115	-0.104	-0.253	2.5E-6	-6.9E-5	5.2E-7	-5.2E-7	1.1E-4	-6.9E-5
796	0.077	-0.106	0.091	-0.111	-0.115	-0.240	1.0E-5	-8.1E-5	3.5E-7	-3.5E-7	1.0E-4	-7.0E-5
797	0.082	-0.122	0.110	-0.131	-0.095	-0.275	9.6E-5	-1.4E-4	1.8E-7	-1.8E-7	1.2E-4	-6.2E-5
798	0.075	-0.101	0.108	-0.117	-0.127	-0.242	6.6E-5	-1.0E-4	1.6E-6	-1.6E-6	1.0E-4	-6.5E-5
799	0.076	-0.102	0.108	-0.119	-0.125	-0.245	4.8E-5	-8.7E-5	4.8E-7	-4.8E-7	1.0E-4	-6.5E-5
800	0.082	-0.122	0.150	-0.150	-0.108	-0.289	8.3E-5	-8.3E-5	8.9E-7	-8.9E-7	1.4E-4	-1.1E-4
801	0.082	-0.122	0.141	-0.144	-0.104	-0.287	1.3E-4	-1.4E-4	7.8E-7	-7.8E-7	1.1E-4	-7.0E-5
802	0.075	-0.102	0.124	-0.127	-0.132	-0.252	6.2E-5	-7.4E-5	9.3E-9	-9.3E-9	9.7E-5	-6.9E-5
803	0.123	-0.061	0.146	-0.111	-0.152	-0.289	1.3E-4	-7.4E-5	9.2E-8	-9.2E-8	1.6E-5	-1.6E-4
804	0.136	-0.061	0.156	-0.115	-0.140	-0.303	8.2E-5	-1.5E-5	6.9E-8	-6.9E-8	4.4E-6	-1.8E-4
805	0.148	-0.061	0.163	-0.115	-0.128	-0.317	8.1E-5	-7.4E-6	5.4E-7	-5.4E-7	-8.0E-6	-2.0E-4
806	0.149	-0.062	0.173	-0.114	-0.132	-0.321	9.3E-5	-1.6E-5	2.3E-6	-2.3E-6	-5.2E-6	-2.0E-4
807	0.148	-0.061	0.183	-0.114	-0.135	-0.325	9.8E-5	-1.3E-5	1.5E-6	-1.5E-6	2.3E-5	-1.7E-4
808	0.137	-0.061	0.173	-0.113	-0.147	-0.310	1.2E-4	-2.4E-5	1.1E-6	-1.1E-6	4.3E-5	-1.3E-4
809	0.124	-0.062	0.160	-0.110	-0.159	-0.296	1.6E-4	-4.0E-5	2.7E-7	-2.7E-7	5.0E-5	-1.2E-4
810	0.135	-0.061	0.179	-0.114	-0.153	-0.313	1.4E-4	-2.4E-5	7.7E-7	-7.7E-7	4.8E-5	-1.3E-4
811	0.134	-0.061	0.184	-0.116	-0.158	-0.317	1.6E-4	-2.3E-5	2.9E-7	-2.9E-7	6.2E-5	-1.2E-4
812	0.147	-0.061	0.194	-0.116	-0.141	-0.330	1.3E-4	-9.7E-6	7.5E-7	-7.5E-7	4.4E-5	-1.4E-4
813	0.142	-0.061	0.187	-0.115	-0.147	-0.322	1.4E-4	-1.6E-5	3.5E-8	-3.5E-8	4.6E-5	-1.4E-4
814	0.148	-0.061	0.189	-0.115	-0.138	-0.327	1.1E-4	-8.5E-6	1.9E-6	-1.9E-6	3.4E-5	-1.6E-4
815	0.142	-0.061	0.125	-0.117	-0.120	-0.294	4.2E-5	-2.9E-5	7.4E-7	-7.4E-7	7.2E-6	-1.8E-4
816	0.132	-0.062	0.120	-0.113	-0.131	-0.282	6.0E-5	-6.2E-5	7.8E-7	-7.8E-7	2.1E-5	-1.6E-4
817	0.122	-0.062	0.113	-0.107	-0.141	-0.268	1.0E-4	-1.0E-4	8.0E-7	-8.0E-7	2.9E-5	-1.5E-4
818	0.135	-0.061	0.143	-0.115	-0.137	-0.296	8.0E-5	-3.5E-5	5.6E-8	-5.6E-8	6.1E-6	-1.8E-4
819	0.133	-0.061	0.131	-0.114	-0.134	-0.289	7.1E-5	-4.8E-5	1.2E-6	-1.2E-6	1.0E-5	-1.7E-4
820	0.146	-0.061	0.146	-0.117	-0.123	-0.309	6.3E-5	-1.6E-5	1.6E-7	-1.6E-7	-2.0E-6	-1.9E-4
821	0.141	-0.061	0.145	-0.116	-0.130	-0.302	6.4E-5	-1.7E-5	1.0E-6	-1.0E-6	9.3E-7	-1.8E-4
822	0.123	-0.061	0.170	-0.113	-0.169	-0.303	1.7E-4	-3.3E-5	1.2E-7	-1.2E-7	6.3E-5	-1.1E-4
823	0.124	-0.061	0.165	-0.111	-0.164	-0.299	1.6E-4	-3.8E-5	3.8E-7	-3.8E-7	5.2E-5	-1.2E-4
824	0.142	-0.061	0.193	-0.117	-0.150	-0.326	1.5E-4	-1.9E-5	2.8E-7	-2.8E-7	6.0E-5	-1.2E-4
825	0.147	-0.060	0.200	-0.118	-0.144	-0.333	1.5E-4	-1.7E-5	4.5E-7	-4.5E-7	6.1E-5	-1.3E-4
826	0.142	-0.061	0.183	-0.114	-0.144	-0.320	1.2E-4	-1.6E-5	7.5E-7	-7.5E-7	3.8E-5	-1.4E-4
827	0.150	-0.060	0.193	-0.115	-0.134	-0.332	1.1E-4	-6.0E-6	4.1E-7	-4.1E-7	3.1E-5	-1.6E-4
828	0.122	-0.062	0.101	-0.104	-0.136	-0.261	8.5E-5	-1.1E-4	2.0E-7	-2.0E-7	4.0E-5	-1.4E-4
829	0.132	-0.062	0.107	-0.112	-0.125	-0.274	5.0E-5	-7.3E-5	1.4E-7	-1.4E-7	3.2E-5	-1.5E-4
830	0.142	-0.061	0.110	-0.116	-0.115	-0.287	2.9E-5	-4.7E-5	3.5E-7	-3.5E-7	2.9E-5	-1.6E-4
831	0.123	-0.062	0.135	-0.110	-0.149	-0.283	1.2E-4	-8.2E-5	7.8E-7	-7.8E-7	1.5E-5	-1.6E-4
832	0.122	-0.062	0.124	-0.109	-0.145	-0.276	1.1E-4	-9.2E-5	5.9E-7	-5.9E-7	2.0E-5	-1.5E-4
833	0.139	-0.061	0.134	-0.116	-0.128	-0.295	5.9E-5	-3.2E-5	3.9E-7	-3.9E-7	7.7E-6	-1.8E-4
834	0.178	-0.171	0.139	-0.170	-0.073	-0.289	6.3E-5	-4.5E-5	8.1E-7	-8.1E-7	1.8E-4	-3.0E-5
835	0.179	-0.172	0.143	-0.173	-0.060	-0.303	6.1E-5	-4.2E-5	4.0E-7	-4.0E-7	1.7E-4	-4.5E-5
836	0.180	-0.173	0.144	-0.172	-0.046	-0.317	5.8E-5	-3.7E-5	6.6E-7	-6.6E-7	1.6E-4	-5.1E-5
837	0.179	-0.172	0.166	-0.176	-0.066	-0.295	2.5E-5	-3.0E-5	3.7E-7	-3.7E-7	1.5E-4	-5.2E-5
838	0.179	-0.172	0.155	-0.174	-0.063	-0.299	4.0E-5	-3.6E-5	7.3E-7	-7.3E-7	1.7E-4	-4.0E-5
839	0.177	-0.171	0.162	-0.172	-0.079	-0.282	4.1E-5	-4.7E-5	2.2E-7	-2.2E-7	1.5E-4	-4.4E-5
840	0.181	-0.173	0.131	-0.169	-0.043	-0.321	6.0E-5	-4.8E-5	5.9E-8	-5.9E-8	1.6E-4	-5.8E-5
841	0.179	-0.172	0.129	-0.169	-0.056	-0.307	7.9E-5	-3.6E-5	6.8E-7	-6.8E-7	1.6E-4	-6.4E-5
842	0.178	-0.171	0.125	-0.167	-0.070	-0.293	6.7E-5	-6.2E-5	2.0E-8	-2.0E-8	1.6E-4	-5.6E-5
843	0.180	-0.173	0.167	-0.177	-0.053	-0.309	2.7E-5	-3.0E-5	2.2E-7	-2.2E-7	1.4E-4	-5.2E-5
844	0.180	-0.173	0.156	-0.175	-0.049	-0.313	4.2E-5	-3.5E-5	3.1E-7	-3.1E-7	1.6E-4	-4.7E-5
845	0.177	-0.171	0.152	-0.171	-0.076	-0.285	5.5E-5	-5.3E-5	3.4E-7	-3.4E-7	1.7E-4	-3.3E-5
846	0.176	-0.170	0.165	-0.170	-0.090	-0.271	4.6E-5	-5.5E-5	8.4E-8	-8.4E-8	1.3E-4	-6.2E-5
847	0.175	-0.167	0.174	-0.178	-0.068	-0.293	6.9E-7	-6.9E-7	3.2E-5	-5.3E-5	8.3E-5	-8.3E-5
848	0.170	-0.162	0.174	-0.178	-0.066	-0.295	1.2E-6	-1.2E-6	3.6E-5	-5.5E-5	8.0E-5	-9.9E-5
849	0.163	-0.158	0.174	-0.178	-0.065	-0.297	4.6E-7	-4.6E-7	3.8E-5	-5.3E-5	7.5E-5	-1.3E-4
850	0.162	-0.157	0.171	-0.175	-0.078	-0.282	5.0E-7	-5.0E-7	5.2E-5	-7.3E-5	1.1E-4	-7.5E-5
851	0.167	-0.162	0.171	-0.175	-0.080	-0.281	1.8E-8	-1.8E-8	3.7E-5	-7.2E-5	7.4E-5	-1.0E-4
852	0.172	-0.166	0.171	-0.175	-0.081	-0.279	5.4E-9	-5.4E-9	3.7E-5	-5.6E-5	7.0E-5	-9.2E-5
853	0.160	-0.158	0.170	-0.173	-0.085	-0.275	6.2E-7	-6.2E-7	1.8E-5	-1.1E-4	9.0E-5	-1.0E-4
854	0.176	-0.165	0.176	-0.180	-0.056	-0.305	1.1E-6	-1.1E-6	2.3E-5	-6.1E-5	1.1E-4	-7.0E-5
855	0.170	-0.160	0.176	-0.180	-0.057	-0.305	6.5E-7	-6.5E-7	-9.4E-6	-1.0E-4	9.7E-5	-1.0E-4
856	0.164	-0.156	0.176	-0.180	-0.057	-0.305	7.2E-7	-7.2E-7	-7.8E-6	-9.2E-5	9.0E-5	-1.2E-4
857	0.164	-0.162	0.170	-0.173	-0.086	-0.274	3.9E-8	-3.9E-8	1.8E-5	-7.7E-5	7.2E-5	-1.1E-4
858	0.165	-0.152	0.117	-0.164	-0.042	-0.325	5.9E-7	-5.9E-7	8.2E-6	-8.9E-5	1.1E-4	-9.5E-5
859	0.170	-0.159	0.117	-0.164	-0.046	-0.320	5.1E-7	-5.1E-7	2.6E-5	-7.5E-5	1.0E-4	-8.8E-5
860	0.175	-0.165	0.117	-0.164	-0.049	-0.315	1.2E-7	-1.2E-7	5.4E-5	-4.2E-5	1.1E-4	-7.2E-5
861	0.174	-0.164	0.114	-0.162	-0.062	-0.302	1.1E-6	-1.1E-6	4.1E-5	-7.2E-5	8.4E-5	-8.5E-5
862	0.167	-0.160	0.114	-0.162	-0.059	-0.306	1.0E-6	-1.0E-6	3.2E-5	-7.3E-5	6.0E-5	-1.3E-4
863	0.159	-0.155	0.114	-0.162	-0.055	-0.310	4.8E-7	-4.8E-7	4.5E-6	-1.0E-4	9.7E-5	-1.3E-4
864	0.172	-0.162	0.112	-0.161	-0.068	-0.295	2.6E-7	-2.6E-7	1.0E-4	-2.0E-5	2.4E-5	-1.5E-4
865	0.177	-0.167	0.119	-0.164	-0.038	-0.327	5.2E-7	-5.2E-7	2.8E-5	-6.0E-5	1.1E-4	-7.4E-5
866	0.163	-0.159	0.112	-0.161	-0.064	-0.299	9.8E-7	-9.8E-7	1.1E-5	-7.1E-5	8.7E-5	-1.3E-4

867	0.155	-0.155	0.113	-0.160	-0.062	-0.302	1.1E-6	-1.1E-6	8.0E-6	-8.0E-5	5.9E-5	-1.7E-4
868	0.174	-0.174	0.209	-0.123	-0.061	-0.234	3.3E-4	-1.8E-4	3.8E-7	-3.8E-7	5.2E-5	-1.4E-4
869	0.155	-0.143	0.087	-0.131	-0.044	-0.310	7.1E-7	-7.1E-7	-1.5E-5	-1.1E-4	4.4E-5	-1.6E-4
870	0.149	-0.147	0.088	-0.126	-0.057	-0.296	3.3E-7	-3.3E-7	-2.3E-5	-1.0E-4	7.6E-5	-1.2E-4
871	0.144	-0.149	0.094	-0.111	-0.060	-0.289	7.1E-7	-7.1E-7	4.0E-5	-5.4E-5	9.5E-5	-9.8E-5
872	0.111	-0.131	0.173	-0.176	-0.070	-0.288	7.9E-7	-7.9E-7	4.0E-5	-6.1E-5	5.9E-5	-1.4E-4
873	0.092	-0.125	0.173	-0.176	-0.072	-0.285	8.6E-7	-8.6E-7	4.0E-5	-2.8E-5	6.4E-5	-1.3E-4
874	0.087	-0.126	0.173	-0.176	-0.073	-0.283	7.0E-7	-7.0E-7	5.5E-5	-2.2E-5	7.0E-5	-1.2E-4
875	0.122	-0.134	0.173	-0.176	-0.070	-0.289	4.4E-7	-4.4E-7	3.3E-5	-6.6E-5	6.2E-5	-1.3E-4
876	0.132	-0.137	0.173	-0.176	-0.069	-0.290	6.2E-7	-6.2E-7	2.5E-5	-7.2E-5	6.9E-5	-1.3E-4
877	0.150	-0.145	0.174	-0.178	-0.064	-0.297	7.0E-8	-7.0E-8	3.9E-5	-6.7E-5	1.1E-4	-9.7E-5
878	0.142	-0.141	0.173	-0.176	-0.069	-0.291	5.1E-7	-5.1E-7	2.1E-5	-7.8E-5	7.4E-5	-1.4E-4
879	0.149	-0.147	0.171	-0.175	-0.076	-0.284	6.9E-7	-6.9E-7	2.1E-5	-6.7E-5	7.0E-5	-1.5E-4
880	0.101	-0.129	0.173	-0.176	-0.071	-0.286	5.0E-7	-5.0E-7	4.3E-5	-4.8E-5	6.0E-5	-1.3E-4
881	0.131	-0.140	0.088	-0.127	-0.050	-0.290	4.4E-7	-4.4E-7	-5.2E-6	-3.5E-5	6.4E-5	-1.5E-4
882	0.136	-0.140	0.088	-0.131	-0.043	-0.300	6.7E-7	-6.7E-7	-9.4E-6	-5.8E-5	5.8E-5	-1.6E-4
883	0.153	-0.065	0.094	-0.109	-0.059	-0.279	5.1E-7	-5.1E-7	-3.9E-5	-7.9E-5	1.7E-4	-3.4E-5
884	0.159	-0.061	0.096	-0.111	-0.048	-0.291	3.6E-7	-3.6E-7	-5.4E-5	-9.2E-5	1.7E-4	-4.4E-5
885	0.164	-0.055	0.097	-0.113	-0.037	-0.303	2.4E-7	-2.4E-7	-6.3E-5	-1.1E-4	1.6E-4	-4.5E-5
886	0.150	-0.080	0.094	-0.109	-0.059	-0.280	4.6E-7	-4.6E-7	-4.5E-5	-9.4E-5	2.0E-4	3.6E-6
887	0.156	-0.076	0.096	-0.111	-0.049	-0.290	2.6E-7	-2.6E-7	-5.1E-5	-9.7E-5	2.0E-4	6.7E-8
888	0.161	-0.071	0.097	-0.113	-0.039	-0.301	3.0E-7	-3.0E-7	-5.7E-5	-1.1E-4	2.0E-4	1.8E-6
889	0.146	-0.097	0.094	-0.109	-0.059	-0.280	2.6E-7	-2.6E-7	-3.6E-5	-9.0E-5	2.1E-4	1.2E-5
890	0.151	-0.094	0.095	-0.111	-0.051	-0.289	6.3E-7	-6.3E-7	-4.5E-5	-9.6E-5	2.2E-4	1.9E-5
891	0.155	-0.090	0.097	-0.113	-0.042	-0.298	4.7E-9	-4.7E-9	-4.9E-5	-1.0E-4	2.2E-4	2.2E-5
892	0.148	-0.109	0.096	-0.113	-0.046	-0.296	3.9E-7	-3.9E-7	-3.9E-5	-8.8E-5	2.2E-4	2.1E-5
893	0.143	-0.128	0.096	-0.112	-0.051	-0.292	4.4E-7	-4.4E-7	-2.6E-5	-6.9E-5	1.9E-4	-1.2E-5
894	0.141	-0.112	0.094	-0.108	-0.060	-0.280	2.2E-8	-2.2E-8	-2.4E-5	-8.5E-5	2.1E-4	7.8E-6
895	0.144	-0.112	0.095	-0.110	-0.054	-0.287	1.0E-6	-1.0E-6	-3.4E-5	-8.1E-5	2.1E-4	1.0E-5
896	0.139	-0.129	0.094	-0.110	-0.058	-0.285	4.4E-7	-4.4E-7	-2.0E-5	-7.0E-5	1.9E-4	-1.5E-5
897	0.138	-0.124	0.093	-0.108	-0.062	-0.280	1.6E-7	-1.6E-7	-7.1E-6	-8.0E-5	1.9E-4	-1.0E-5
898	0.168	-0.047	0.236	-0.113	-0.076	-0.352	4.2E-7	-4.2E-7	-6.0E-5	-8.6E-5	1.2E-4	-8.7E-5
899	0.162	-0.053	0.228	-0.117	-0.088	-0.339	3.2E-7	-3.2E-7	-5.9E-5	-8.2E-5	1.3E-4	-8.8E-5
900	0.156	-0.058	0.220	-0.120	-0.100	-0.327	1.7E-7	-1.7E-7	-5.2E-5	-7.9E-5	1.3E-4	-8.3E-5
901	0.165	-0.054	0.234	-0.114	-0.074	-0.341	6.5E-8	-6.5E-8	-6.2E-5	-8.8E-5	1.6E-4	-4.4E-5
902	0.160	-0.060	0.227	-0.118	-0.084	-0.329	4.2E-7	-4.2E-7	-6.1E-5	-8.0E-5	1.6E-4	-4.3E-5
903	0.154	-0.065	0.219	-0.121	-0.095	-0.318	5.8E-7	-5.8E-7	-3.9E-5	-8.5E-5	1.6E-4	-3.9E-5
904	0.163	-0.069	0.232	-0.116	-0.072	-0.330	8.9E-7	-8.9E-7	-6.1E-5	-8.0E-5	1.9E-4	-9.0E-6
905	0.158	-0.074	0.225	-0.119	-0.081	-0.320	5.5E-7	-5.5E-7	-5.1E-5	-7.1E-5	1.8E-4	-1.0E-5
906	0.153	-0.078	0.218	-0.121	-0.090	-0.309	1.6E-7	-1.6E-7	-3.0E-5	-7.9E-5	1.8E-4	-1.5E-5
907	0.158	-0.085	0.230	-0.117	-0.070	-0.320	4.1E-7	-4.1E-7	-5.4E-5	-6.9E-5	2.1E-4	1.1E-5
908	0.154	-0.090	0.224	-0.119	-0.078	-0.310	7.3E-7	-7.3E-7	-3.7E-5	-6.5E-5	2.0E-4	5.7E-6
909	0.150	-0.094	0.218	-0.121	-0.086	-0.300	4.5E-7	-4.5E-7	-1.8E-5	-6.8E-5	2.0E-4	9.1E-7
910	0.153	-0.103	0.228	-0.119	-0.068	-0.309	9.0E-7	-9.0E-7	-3.0E-5	-5.8E-5	2.2E-4	1.7E-5
911	0.150	-0.107	0.223	-0.120	-0.075	-0.299	1.1E-6	-1.1E-6	-1.8E-5	-5.3E-5	2.1E-4	1.0E-5
912	0.146	-0.110	0.217	-0.122	-0.082	-0.290	6.7E-7	-6.7E-7	-3.6E-6	-5.6E-5	2.0E-4	1.8E-6
913	0.149	-0.119	0.227	-0.120	-0.066	-0.299	9.8E-7	-9.8E-7	-5.7E-6	-4.8E-5	2.2E-4	1.3E-5
914	0.146	-0.123	0.222	-0.121	-0.071	-0.291	1.2E-6	-1.2E-6	7.6E-6	-4.3E-5	2.1E-4	3.3E-6
915	0.144	-0.127	0.217	-0.122	-0.076	-0.282	1.9E-7	-1.9E-7	2.2E-5	-3.7E-5	1.9E-4	-8.5E-6
916	0.143	-0.143	0.219	-0.123	-0.071	-0.274	4.6E-7	-4.6E-7	5.5E-5	-2.3E-5	1.8E-4	-4.2E-5
917	0.144	-0.137	0.224	-0.122	-0.067	-0.284	1.5E-7	-1.5E-7	3.2E-5	-3.0E-5	1.9E-4	-1.7E-5
918	0.146	-0.130	0.227	-0.121	-0.064	-0.292	2.8E-7	-2.8E-7	1.6E-5	-3.9E-5	2.1E-4	1.7E-6
919	0.155	-0.057	0.173	-0.118	-0.090	-0.312	9.8E-5	-2.5E-5	9.5E-7	-9.5E-7	-8.3E-6	-2.1E-4
920	0.160	-0.053	0.180	-0.119	-0.080	-0.323	7.8E-5	-3.8E-6	1.7E-7	-1.7E-7	-1.4E-5	-2.2E-4
921	0.165	-0.049	0.185	-0.118	-0.069	-0.334	4.7E-5	2.8E-5	4.2E-7	-4.2E-7	-2.1E-5	-2.2E-4
922	0.170	-0.045	0.187	-0.115	-0.059	-0.346	6.3E-5	1.4E-5	8.7E-7	-8.7E-7	-3.1E-5	-2.3E-4
923	0.170	-0.045	0.145	-0.122	-0.048	-0.331	3.3E-5	-8.7E-6	2.7E-7	-2.7E-7	-1.5E-5	-2.2E-4
924	0.165	-0.049	0.144	-0.123	-0.059	-0.321	2.6E-5	5.2E-6	1.2E-7	-1.2E-7	-1.5E-6	-2.1E-4
925	0.160	-0.054	0.141	-0.123	-0.069	-0.310	6.0E-5	-1.9E-5	7.0E-7	-7.0E-7	3.4E-6	-2.1E-4
926	0.155	-0.058	0.136	-0.121	-0.079	-0.298	7.6E-5	-3.9E-5	5.0E-7	-5.0E-7	3.0E-6	-2.0E-4
927	0.161	-0.052	0.119	-0.121	-0.058	-0.304	3.6E-5	-1.5E-5	3.8E-7	-3.8E-7	4.3E-5	-1.7E-4
928	0.161	-0.053	0.130	-0.123	-0.064	-0.307	4.7E-5	-1.7E-5	7.8E-7	-7.8E-7	2.1E-5	-1.9E-4
929	0.155	-0.058	0.122	-0.121	-0.074	-0.293	7.2E-5	-3.1E-5	1.0E-7	-1.0E-7	2.6E-5	-1.8E-4
930	0.155	-0.057	0.114	-0.119	-0.070	-0.290	6.2E-5	-2.6E-5	6.4E-7	-6.4E-7	4.5E-5	-1.6E-4
931	0.155	-0.057	0.187	-0.117	-0.094	-0.318	1.0E-4	-1.6E-5	5.6E-7	-5.6E-7	6.6E-7	-2.0E-4
932	0.156	-0.057	0.200	-0.116	-0.097	-0.324	1.1E-4	-9.6E-7	8.5E-7	-8.5E-7	1.7E-5	-1.8E-4
933	0.156	-0.057	0.212	-0.117	-0.100	-0.330	1.0E-4	2.2E-5	1.6E-7	-1.6E-7	4.0E-5	-1.5E-4
934	0.162	-0.052	0.220	-0.114	-0.087	-0.343	8.5E-5	4.0E-5	4.0E-7	-4.0E-7	3.8E-5	-1.7E-4
935	0.168	-0.046	0.226	-0.110	-0.073	-0.357	7.1E-5	5.1E-5	7.0E-7	-7.0E-7	2.1E-5	-1.8E-4
936	0.161	-0.053	0.195	-0.117	-0.082	-0.330	7.9E-5	1.1E-5	1.0E-6	-1.0E-6	-7.2E-6	-2.1E-4
937	0.162	-0.052	0.208	-0.115	-0.084	-0.337	7.7E-5	2.8E-5	8.4E-7	-8.4E-7	5.8E-6	-1.9E-4
938	0.168	-0.047	0.212	-0.111	-0.070	-0.350	6.2E-5	4.4E-5	6.3E-7	-6.3E-7	-5.4E-6	-2.0E-4

939	0.166	-0.048	0.198	-0.115	-0.071	-0.341	5.1E-5	3.9E-5	4.7E-7	-4.7E-7	-1.7E-5	-2.2E-4
940	0.170	-0.045	0.199	-0.112	-0.061	-0.350	6.7E-5	2.2E-5	1.0E-6	-1.0E-6	-2.5E-5	-2.3E-4
941	0.170	-0.045	0.166	-0.119	-0.053	-0.339	5.0E-5	9.9E-7	5.5E-7	-5.5E-7	-2.9E-5	-2.4E-4
942	0.165	-0.049	0.164	-0.121	-0.064	-0.328	3.7E-5	1.7E-5	7.7E-7	-7.7E-7	-2.0E-5	-2.3E-4
943	0.160	-0.054	0.160	-0.121	-0.074	-0.317	6.9E-5	-1.5E-5	1.3E-7	-1.3E-7	-1.2E-5	-2.2E-4
944	0.155	-0.058	0.154	-0.120	-0.085	-0.306	8.9E-5	-3.4E-5	7.5E-7	-7.5E-7	-6.0E-6	-2.1E-4
945	0.169	-0.045	0.126	-0.123	-0.043	-0.324	1.0E-5	-2.0E-5	5.0E-8	-5.0E-8	2.3E-5	-1.9E-4
946	0.165	-0.049	0.130	-0.123	-0.054	-0.316	1.7E-5	-1.3E-6	9.6E-7	-9.6E-7	2.0E-5	-1.9E-4
947	0.165	-0.049	0.120	-0.122	-0.051	-0.312	1.3E-5	-9.8E-6	1.9E-7	-1.9E-7	4.1E-5	-1.7E-4
948	0.168	-0.046	0.103	-0.116	-0.036	-0.310	1.1E-5	-2.0E-5	5.4E-7	-5.4E-7	7.9E-5	-1.3E-4
949	0.162	-0.051	0.102	-0.114	-0.050	-0.297	2.1E-5	-2.0E-5	5.2E-7	-5.2E-7	8.1E-5	-1.3E-4
950	0.155	-0.057	0.100	-0.112	-0.063	-0.283	3.3E-5	-2.7E-5	9.5E-7	-9.5E-7	8.9E-5	-1.1E-4

4.2.1.3 Involuppi SLE

Tabella 20.I

Stato Limite d'Esercizio - Caratteristiche												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.067	-0.081	0.053	-0.054	-0.169	-0.212	7.2E-5	-8.2E-5	8.5E-5	-3.2E-5	6.5E-5	-3.1E-5
2	0.023	-0.037	0.028	-0.022	-0.194	-0.213	-3.5E-5	-1.3E-4	1.0E-5	-1.0E-4	1.7E-5	7.5E-6
3	0.039	-0.018	0.021	-0.028	-0.162	-0.184	3.6E-5	-5.5E-5	1.0E-4	-2.2E-5	-2.9E-5	-3.5E-5
4	0.083	-0.063	0.052	-0.055	-0.139	-0.183	1.4E-4	-1.5E-5	4.6E-5	-8.7E-5	2.0E-5	-8.2E-5
5	0.034	-0.035	0.007	0.000	-0.160	-0.186	-1.3E-4	-1.4E-4	-3.4E-5	-4.4E-5	1.9E-5	2.7E-6
6	0.007	-0.008	0.045	-0.044	-0.182	-0.194	6.8E-5	-4.7E-6	-3.2E-5	-4.9E-5	4.6E-5	-3.2E-5
7	0.007	-0.008	0.043	-0.046	-0.179	-0.191	8.5E-5	1.2E-5	8.1E-5	6.5E-5	4.6E-5	-3.0E-5
8	0.036	-0.036	0.001	-0.005	-0.149	-0.175	-5.0E-5	-6.9E-5	4.0E-5	2.5E-5	-1.3E-7	-3.5E-5
9	0.069	-0.070	0.027	-0.029	-0.182	-0.203	3.7E-5	-3.5E-5	2.5E-4	1.1E-4	6.8E-5	-4.4E-5
10	0.010	-0.009	0.030	-0.028	-0.181	-0.200	9.7E-6	-1.6E-5	1.0E-5	-1.3E-5	3.2E-5	-2.1E-5
11	0.010	-0.009	0.028	-0.030	-0.181	-0.199	2.5E-5	-1.7E-7	1.8E-5	-4.8E-6	3.2E-5	-2.0E-5
12	0.070	-0.069	0.027	-0.029	-0.167	-0.189	1.1E-4	3.1E-5	-8.1E-5	-2.4E-4	3.1E-5	-7.6E-5
13	0.006	-0.009	0.037	-0.032	-0.163	-0.180	3.0E-5	-9.2E-5	1.6E-5	-4.4E-5	1.5E-4	-1.2E-4
14	0.006	-0.009	0.035	-0.034	-0.172	-0.189	4.5E-5	-7.8E-5	-4.6E-5	-1.1E-4	1.4E-4	-1.3E-4
15	0.071	-0.072	0.062	-0.062	-0.192	-0.209	6.1E-5	-3.6E-5	1.3E-4	-8.5E-6	2.4E-5	-2.8E-5
16	0.004	-0.004	0.047	-0.042	-0.166	-0.181	7.7E-5	-1.2E-4	8.7E-5	-1.7E-5	8.0E-5	-8.8E-5
17	0.003	-0.005	0.045	-0.044	-0.182	-0.197	1.0E-4	-9.0E-5	-2.6E-5	-1.3E-4	8.5E-5	-8.3E-5
18	0.071	-0.073	0.061	-0.063	-0.232	-0.248	1.3E-4	3.3E-5	-3.3E-5	-1.7E-4	2.8E-5	-2.5E-5
19	0.008	-0.008	0.046	-0.041	-0.155	-0.181	6.0E-5	-1.0E-4	9.4E-5	-4.7E-5	1.4E-4	-1.3E-4
20	0.006	-0.009	0.044	-0.043	-0.165	-0.192	7.9E-5	-8.2E-5	-5.9E-6	-1.4E-4	1.3E-4	-1.3E-4
21	0.119	-0.119	0.078	-0.078	-0.160	-0.230	3.1E-5	-1.7E-5	3.0E-5	-4.5E-5	4.7E-5	-6.2E-5
22	0.063	-0.059	0.022	-0.062	-0.144	-0.260	-1.4E-4	-1.9E-4	-4.4E-4	-5.5E-4	6.9E-5	-9.7E-5
23	0.066	-0.059	0.040	-0.043	-0.111	-0.231	-1.1E-4	-1.6E-4	6.0E-4	4.8E-4	6.6E-5	-1.0E-4
24	0.125	-0.116	0.102	-0.055	-0.130	-0.199	1.0E-4	5.0E-5	5.8E-5	-3.6E-5	3.3E-5	-7.2E-5
25	0.064	-0.066	-0.016	-0.022	-0.126	-0.264	-1.2E-3	-1.2E-3	7.1E-5	4.7E-5	2.9E-5	-1.9E-5
26	0.012	-0.013	0.045	-0.062	-0.139	-0.259	-1.1E-3	-1.2E-3	9.0E-5	5.9E-5	1.1E-5	-4.9E-5
27	0.014	-0.014	0.048	-0.059	-0.136	-0.256	-1.1E-3	-1.2E-3	-3.4E-5	-6.6E-5	1.9E-5	-4.2E-5
28	0.069	-0.069	0.002	-0.003	-0.113	-0.250	-1.1E-3	-1.2E-3	1.2E-5	-2.3E-5	-2.4E-5	-4.8E-5
29	0.123	-0.128	0.044	-0.043	-0.153	-0.240	-1.0E-3	-1.1E-3	-1.2E-4	-3.0E-4	6.9E-5	-2.7E-5
30	0.013	-0.015	0.024	-0.040	-0.133	-0.251	-2.1E-5	-5.1E-5	8.2E-6	-2.2E-6	-1.7E-5	-2.0E-5
31	0.013	-0.014	0.027	-0.037	-0.133	-0.251	-5.0E-6	-3.5E-5	8.9E-6	-4.1E-6	1.2E-6	-5.5E-6
32	0.128	-0.125	0.068	-0.020	-0.139	-0.225	-1.0E-3	-1.1E-3	2.8E-4	1.0E-4	2.0E-5	-8.2E-5
33	0.011	-0.034	0.044	-0.062	-0.124	-0.221	0.0E+0	0.0E+0	7.5E-5	5.7E-6	9.0E-5	-1.2E-4
34	0.046	0.001	0.048	-0.059	-0.134	-0.231	0.0E+0	0.0E+0	-4.2E-5	-1.2E-4	1.3E-4	-6.6E-5
35	0.074	-0.103	0.076	-0.073	-0.146	-0.252	1.5E-5	-9.9E-6	3.7E-5	2.4E-5	6.9E-6	6.4E-6
36	-0.001	-0.024	0.062	-0.080	-0.125	-0.223	1.4E-5	-9.4E-5	0.0E+0	0.0E+0	1.9E-5	5.8E-7
37	0.036	0.014	0.066	-0.075	-0.142	-0.239	2.2E-5	-7.9E-5	0.0E+0	0.0E+0	-1.6E-5	-4.1E-5
38	0.014	-0.009	0.079	-0.096	-0.369	-0.499	-8.4E-4	-9.3E-4	-2.6E-4	-2.9E-4	7.4E-6	-4.8E-5
39	0.015	-0.010	0.083	-0.093	-0.362	-0.493	-8.2E-4	-9.1E-4	3.6E-4	3.3E-4	1.6E-5	-4.2E-5
40	0.116	-0.062	0.100	-0.049	-0.187	-0.293	8.5E-5	5.8E-5	-6.4E-5	-7.6E-5	-7.7E-6	-9.7E-6
41	0.017	-0.043	0.058	-0.076	-0.125	-0.212	-1.4E-5	-7.5E-5	6.2E-5	2.1E-5	6.2E-5	-7.3E-5
42	0.055	-0.004	0.062	-0.073	-0.136	-0.223	1.8E-6	-6.1E-5	-6.6E-5	-1.1E-4	6.4E-5	-5.8E-5
43	0.139	-0.130	0.087	-0.083	-0.114	-0.282	2.3E-5	-1.6E-5	3.3E-5	-5.4E-5	1.0E-5	-9.4E-6
44	0.074	-0.067	0.037	-0.080	-0.100	-0.305	-7.8E-5	-1.8E-4	-4.5E-4	-5.2E-4	4.1E-5	-3.1E-5
45	0.074	-0.072	0.073	-0.039	-0.068	-0.276	-7.6E-5	-1.7E-4	6.1E-4	5.4E-4	-9.7E-6	-1.2E-4
46	0.139	-0.137	0.133	-0.039	-0.084	-0.249	1.1E-4	5.2E-5	5.8E-5	-4.4E-5	4.0E-6	-3.9E-5
47	0.067	-0.068	-0.002	-0.040	-0.090	-0.323	-1.0E-3	-1.2E-3	6.6E-5	3.1E-5	3.6E-5	6.9E-6
48	0.013	-0.013	0.029	-0.069	-0.096	-0.312	-1.1E-3	-1.2E-3	8.7E-5	6.4E-5	-9.4E-6	-4.0E-5
49	0.013	-0.015	0.037	-0.060	-0.093	-0.309	-1.1E-3	-1.2E-3	-3.0E-5	-4.6E-5	-1.7E-5	-6.0E-5
50	0.069	-0.073	0.034	0.001	-0.077	-0.309	-9.4E-4	-1.1E-3	5.1E-5	1.5E-5	-6.6E-5	-8.2E-5
51	0.128	-0.131	0.052	-0.048	-0.110	-0.290	-8.7E-4	-1.1E-3	-1.5E-4	-2.6E-4	6.2E-5	-1.5E-5

RELAZIONE DI CALCOLO -

52	0.012	-0.016	0.007	-0.047	-0.090	-0.301	-2.4E-5	-5.9E-5	2.0E-6	1.9E-7	-2.6E-5	-4.6E-5
53	0.012	-0.014	0.016	-0.038	-0.089	-0.301	-4.1E-6	-3.8E-5	-1.7E-6	-2.1E-5	3.8E-5	2.3E-6
54	0.131	-0.129	0.098	-0.004	-0.095	-0.274	-7.9E-4	-1.0E-3	1.5E-4	6.0E-5	2.4E-5	-9.0E-5
55	0.003	-0.051	0.039	-0.078	-0.079	-0.273	-3.0E-6	-2.5E-5	6.3E-5	4.0E-5	6.4E-5	-8.2E-5
56	0.077	0.020	0.048	-0.069	-0.090	-0.284	4.1E-5	3.7E-5	-6.0E-5	-6.4E-5	5.7E-5	-3.8E-5
57	0.064	-0.114	0.074	-0.069	-0.100	-0.303	1.2E-5	-8.1E-6	3.5E-5	3.0E-5	2.8E-5	-3.7E-5
58	-0.009	-0.039	0.060	-0.100	-0.081	-0.275	-1.8E-5	-4.3E-5	2.6E-5	2.4E-6	6.4E-5	-5.5E-5
59	0.062	0.034	0.066	-0.087	-0.098	-0.292	1.5E-5	1.2E-5	-3.3E-5	-3.3E-5	1.3E-5	-5.1E-5
60	0.015	-0.010	0.064	-0.103	-0.329	-0.536	-8.1E-4	-9.0E-4	-2.6E-4	-2.9E-4	-9.7E-6	-4.3E-5
61	0.018	-0.013	0.072	-0.094	-0.324	-0.531	-8.1E-4	-8.9E-4	3.5E-4	3.2E-4	-2.1E-5	-6.3E-5
62	0.137	-0.039	0.118	-0.023	-0.141	-0.345	8.8E-5	5.7E-5	-5.9E-5	-7.8E-5	4.5E-6	-4.2E-5
63	0.080	0.016	0.061	-0.083	-0.091	-0.283	1.1E-5	-1.4E-5	-5.9E-5	-7.5E-5	2.4E-5	-4.8E-5
64	0.154	-0.146	0.091	-0.095	-0.043	-0.319	2.6E-5	-2.2E-5	4.3E-5	-4.4E-5	5.0E-5	3.4E-5
65	0.090	-0.083	0.057	-0.100	-0.026	-0.338	4.1E-5	-6.9E-5	-3.5E-5	-1.2E-4	6.0E-5	3.2E-5
66	0.072	-0.077	0.071	-0.043	-0.044	-0.261	1.5E-4	4.4E-5	-4.8E-5	-1.7E-4	1.4E-5	-7.0E-5
67	0.140	-0.140	0.133	-0.041	-0.060	-0.234	1.1E-4	4.3E-5	5.7E-5	-4.6E-5	1.1E-5	-4.0E-5
68	0.093	-0.070	0.014	-0.056	-0.027	-0.345	-7.0E-4	-1.7E-3	4.5E-5	-1.3E-6	6.7E-5	2.1E-5
69	0.037	-0.015	0.017	-0.071	-0.031	-0.331	-6.6E-4	-1.7E-3	2.9E-4	2.0E-4	7.2E-5	-3.1E-5
70	0.016	-0.017	0.038	-0.057	-0.055	-0.298	2.4E-4	-7.4E-4	-4.3E-5	-1.2E-4	1.4E-5	-1.5E-4
71	0.071	-0.077	0.043	0.000	-0.040	-0.300	1.8E-4	-7.8E-4	7.0E-5	3.1E-5	-7.2E-5	-1.1E-4
72	0.154	-0.134	0.054	-0.059	-0.050	-0.313	-6.4E-4	-1.6E-3	-1.8E-4	-3.3E-4	6.3E-5	-1.3E-6
73	0.024	-0.014	-0.002	-0.048	-0.032	-0.316	0.0E+0	0.0E+0	-9.5E-6	-9.5E-5	-2.0E-5	-1.1E-4
74	0.013	-0.009	0.016	-0.034	-0.046	-0.300	0.0E+0	0.0E+0	-2.1E-5	-4.7E-5	8.5E-5	1.8E-5
75	0.130	-0.135	0.103	-0.003	-0.062	-0.268	2.4E-4	-7.1E-4	8.0E-5	1.2E-5	2.7E-5	-1.1E-4
76	0.007	-0.049	0.042	-0.076	-0.051	-0.265	1.1E-4	3.4E-5	1.4E-5	-2.4E-5	8.7E-5	-5.6E-5
77	0.100	0.035	0.055	-0.071	-0.022	-0.318	1.8E-5	-2.9E-5	-6.9E-5	-1.1E-4	1.0E-5	-4.4E-5
78	0.068	-0.110	0.070	-0.073	-0.072	-0.284	1.1E-5	-1.2E-5	3.3E-5	2.4E-5	2.9E-5	-4.1E-5
79	-0.005	-0.036	0.064	-0.097	-0.057	-0.260	6.3E-5	2.6E-6	-2.2E-5	-8.3E-5	8.3E-5	-4.5E-5
80	0.087	0.050	0.075	-0.085	-0.027	-0.329	2.6E-6	-4.5E-5	-4.7E-5	-7.8E-5	-5.0E-6	-5.0E-5
81	0.152	-0.018	0.135	0.003	-0.064	-0.377	8.5E-5	5.8E-5	-5.5E-5	-7.8E-5	-2.4E-5	-6.6E-5
82	0.102	0.032	0.069	-0.085	-0.020	-0.319	9.0E-6	-2.4E-5	-5.8E-5	-8.3E-5	3.4E-6	-4.9E-5
83	0.114	-0.116	0.075	-0.076	-0.171	-0.218	5.1E-5	-4.7E-5	6.5E-5	-1.3E-4	1.4E-5	-5.8E-5
84	0.063	-0.077	0.049	-0.052	-0.171	-0.209	6.7E-5	-9.0E-5	6.6E-5	-3.6E-5	9.4E-5	-8.5E-5
85	0.052	-0.066	0.038	-0.039	-0.177	-0.207	4.0E-5	-1.1E-4	3.9E-5	-8.8E-5	9.4E-5	-1.2E-4
86	0.113	-0.112	0.075	-0.075	-0.158	-0.233	4.1E-5	-2.9E-5	0.0E+0	0.0E+0	9.3E-5	-6.2E-5
87	0.098	-0.096	0.057	-0.069	-0.156	-0.237	2.3E-5	-4.8E-5	0.0E+0	0.0E+0	2.1E-4	-5.6E-5
88	0.121	-0.110	0.094	-0.057	-0.141	-0.186	1.2E-4	2.2E-5	1.3E-4	-7.7E-5	3.2E-5	-4.2E-5
89	0.069	-0.048	0.035	-0.040	-0.148	-0.177	1.1E-4	-3.5E-5	9.2E-5	-4.5E-5	1.1E-4	-1.0E-4
90	0.079	-0.058	0.048	-0.052	-0.141	-0.180	1.3E-4	-2.3E-5	4.8E-5	-6.7E-5	7.9E-5	-1.1E-4
91	0.102	-0.094	0.077	-0.047	-0.125	-0.207	9.6E-5	2.2E-5	0.0E+0	0.0E+0	5.8E-5	-2.2E-4
92	0.118	-0.110	0.098	-0.053	-0.128	-0.202	1.1E-4	3.4E-5	0.0E+0	0.0E+0	4.3E-5	-1.2E-4
93	0.052	-0.052	0.041	-0.041	-0.182	-0.196	8.7E-5	-8.2E-5	6.6E-5	5.6E-5	1.6E-4	-1.6E-4
94	0.035	-0.036	0.023	-0.021	-0.177	-0.188	9.3E-5	-1.1E-4	1.7E-5	9.1E-6	2.3E-5	-3.2E-5
95	0.047	-0.075	0.070	-0.070	-0.138	-0.249	2.1E-5	-2.8E-5	0.0E+0	0.0E+0	5.8E-5	-2.8E-5
96	0.021	-0.049	0.061	-0.068	-0.131	-0.241	5.9E-5	-9.2E-5	0.0E+0	0.0E+0	2.6E-5	1.8E-5
97	0.036	-0.038	0.023	-0.023	-0.205	-0.216	1.4E-4	-5.9E-5	-3.5E-5	-4.4E-5	4.0E-5	-3.6E-5
98	0.052	-0.055	0.043	-0.043	-0.215	-0.229	1.4E-4	-2.2E-5	-9.2E-5	-1.0E-4	1.6E-4	-1.6E-4
99	0.063	-0.011	0.076	-0.053	-0.161	-0.271	9.1E-5	-4.3E-5	0.0E+0	0.0E+0	-6.1E-5	-6.6E-5
100	0.089	-0.037	0.091	-0.049	-0.172	-0.283	7.9E-5	3.9E-5	0.0E+0	0.0E+0	9.2E-6	-7.9E-5
101	0.136	-0.129	0.086	-0.083	-0.120	-0.276	2.2E-5	-1.8E-5	3.5E-5	-6.7E-5	9.5E-6	-1.5E-5
102	0.133	-0.124	0.085	-0.083	-0.113	-0.284	2.3E-5	-2.1E-5	0.0E+0	0.0E+0	7.6E-5	-1.3E-5
103	0.116	-0.108	0.070	-0.081	-0.109	-0.290	5.2E-5	-2.9E-5	0.0E+0	0.0E+0	1.8E-4	-1.8E-5
104	0.116	-0.115	0.114	-0.038	-0.077	-0.258	1.3E-4	3.8E-5	0.0E+0	0.0E+0	3.4E-5	-2.1E-4
105	0.132	-0.131	0.131	-0.040	-0.082	-0.251	1.1E-4	4.6E-5	0.0E+0	0.0E+0	-4.9E-6	-8.7E-5
106	0.137	-0.135	0.129	-0.041	-0.090	-0.242	1.0E-4	5.1E-5	6.8E-5	-4.6E-5	-9.9E-6	-2.5E-5
107	0.008	-0.057	0.069	-0.086	-0.088	-0.289	6.4E-6	-3.6E-5	0.0E+0	0.0E+0	8.6E-5	1.1E-5
108	0.025	-0.074	0.070	-0.077	-0.092	-0.293	1.3E-6	-1.8E-5	0.0E+0	0.0E+0	7.2E-5	1.2E-5
109	0.037	-0.064	0.066	-0.068	-0.135	-0.247	4.1E-5	-5.4E-5	0.0E+0	0.0E+0	5.6E-5	-2.1E-5
110	0.092	0.006	0.098	-0.047	-0.122	-0.323	3.6E-5	3.6E-5	0.0E+0	0.0E+0	-9.1E-5	-1.4E-4
111	0.108	-0.011	0.107	-0.033	-0.129	-0.331	5.3E-5	4.0E-5	0.0E+0	0.0E+0	-7.8E-5	-1.0E-4
112	0.072	-0.020	0.080	-0.050	-0.165	-0.276	9.5E-5	-2.3E-5	0.0E+0	0.0E+0	-4.2E-5	-8.1E-5
113	0.088	-0.035	0.090	-0.049	-0.171	-0.282	8.4E-5	3.4E-5	0.0E+0	0.0E+0	8.3E-6	-8.1E-5
114	0.104	-0.104	0.068	-0.072	-0.157	-0.235	4.2E-5	-4.8E-5	0.0E+0	0.0E+0	1.9E-4	-6.5E-5
115	0.085	-0.083	0.039	-0.065	-0.152	-0.245	1.5E-5	-7.1E-5	0.0E+0	0.0E+0	1.6E-4	-3.2E-5
116	0.073	-0.070	0.025	-0.061	-0.147	-0.252	4.0E-5	-5.3E-5	0.0E+0	0.0E+0	1.5E-4	-4.3E-5
117	0.058	-0.071	0.044	-0.046	-0.173	-0.207	5.4E-5	-9.8E-5	3.9E-5	-5.2E-5	1.1E-4	-1.2E-4
118	0.043	-0.057	0.031	-0.029	-0.187	-0.206	1.9E-5	-1.2E-4	5.0E-5	-1.2E-4	5.1E-5	-8.7E-5
119	0.033	-0.047	0.029	-0.023	-0.196	-0.206	-4.8E-6	-1.3E-4	3.5E-5	-1.1E-4	1.4E-5	-3.5E-5
120	0.098	-0.106	0.071	-0.072	-0.185	-0.205	2.1E-5	-1.4E-5	1.3E-4	-2.1E-4	-2.3E-5	-4.0E-5
121	0.079	-0.093	0.064	-0.066	-0.184	-0.204	1.6E-4	-1.4E-4	1.7E-4	-2.0E-4	2.0E-5	-5.5E-5
122	0.049	-0.052	0.022	-0.055	-0.155	-0.248	9.0E-5	-2.3E-5	4.1E-4	1.0E-4	3.9E-5	-3.9E-6
123	0.040	-0.043	0.023	-0.048	-0.167	-0.235	-9.9E-5	-1.0E-4	-7.3E-5	-2.5E-4	3.9E-5	-4.4E-6

124	0.029	-0.038	0.027	-0.037	-0.181	-0.222	1.1E-5	-1.7E-4	9.3E-5	-2.9E-5	3.2E-5	2.2E-5
125	0.121	-0.126	0.056	-0.054	-0.155	-0.237	0.0E+0	0.0E+0	1.6E-5	-1.5E-4	-2.0E-5	-2.6E-5
126	0.121	-0.123	0.067	-0.066	-0.158	-0.233	0.0E+0	0.0E+0	2.9E-5	-9.5E-5	5.4E-6	-5.6E-5
127	0.071	-0.075	0.036	-0.037	-0.179	-0.205	4.6E-5	-5.6E-5	2.0E-4	4.8E-5	6.4E-5	-2.6E-6
128	0.070	-0.080	0.044	-0.046	-0.175	-0.208	6.5E-5	-6.8E-5	1.4E-4	9.7E-7	4.8E-5	1.8E-5
129	0.101	-0.124	0.041	-0.040	-0.164	-0.226	0.0E+0	0.0E+0	1.9E-4	-2.0E-4	3.2E-5	-6.0E-5
130	0.083	-0.108	0.037	-0.037	-0.176	-0.213	0.0E+0	0.0E+0	1.9E-4	-2.1E-4	5.9E-5	-8.1E-5
131	0.069	-0.090	0.033	-0.033	-0.187	-0.203	0.0E+0	0.0E+0	2.1E-4	-1.0E-4	8.1E-5	-8.1E-5
132	0.060	-0.058	0.009	-0.049	-0.137	-0.261	0.0E+0	0.0E+0	1.3E-4	-4.6E-6	2.5E-5	-3.8E-5
133	0.063	-0.063	-0.004	-0.035	-0.131	-0.262	0.0E+0	0.0E+0	3.7E-5	-7.7E-5	3.8E-5	-8.2E-5
134	0.025	-0.035	0.018	-0.013	-0.183	-0.208	-6.3E-5	-1.2E-4	-1.1E-7	-8.1E-5	4.4E-5	1.5E-5
135	0.030	-0.035	0.009	-0.003	-0.172	-0.199	-1.3E-4	-1.4E-4	-1.3E-5	-6.4E-5	5.7E-5	1.0E-6
136	0.060	-0.058	-0.015	-0.017	-0.134	-0.245	0.0E+0	0.0E+0	1.2E-4	-1.1E-4	6.2E-5	-4.4E-5
137	0.051	-0.047	-0.007	-0.016	-0.143	-0.225	0.0E+0	0.0E+0	1.3E-4	-1.2E-4	4.5E-5	-7.6E-6
138	0.040	-0.037	0.001	-0.011	-0.152	-0.204	0.0E+0	0.0E+0	8.4E-5	-1.1E-4	4.1E-5	-5.0E-7
139	0.076	-0.069	0.045	-0.040	-0.115	-0.223	1.1E-4	2.6E-5	0.0E+0	0.0E+0	3.2E-5	-1.6E-4
140	0.089	-0.081	0.060	-0.043	-0.120	-0.215	8.2E-5	-2.6E-6	0.0E+0	0.0E+0	2.8E-5	-1.7E-4
141	0.109	-0.101	0.089	-0.050	-0.127	-0.204	1.1E-4	1.8E-5	0.0E+0	0.0E+0	6.3E-5	-2.0E-4
142	0.049	-0.028	0.024	-0.028	-0.165	-0.176	6.5E-5	-5.6E-5	1.1E-4	-4.5E-5	1.7E-5	-3.0E-5
143	0.059	-0.038	0.027	-0.032	-0.158	-0.175	8.7E-5	-4.7E-5	1.2E-4	-5.9E-5	7.3E-5	-6.2E-5
144	0.074	-0.053	0.041	-0.047	-0.144	-0.178	1.2E-4	-2.9E-5	6.0E-5	-4.3E-5	1.1E-4	-1.2E-4
145	0.058	-0.045	0.033	-0.042	-0.122	-0.219	1.8E-4	6.6E-5	-1.2E-4	-4.4E-4	-2.0E-5	-6.2E-5
146	0.047	-0.036	0.029	-0.041	-0.135	-0.206	-4.1E-5	-4.6E-5	2.6E-4	7.8E-5	-1.7E-5	-5.7E-5
147	0.042	-0.025	0.026	-0.037	-0.148	-0.192	8.6E-5	-9.1E-5	2.5E-5	-1.1E-4	-4.4E-5	-5.1E-5
148	0.111	-0.094	0.083	-0.060	-0.156	-0.174	9.2E-5	5.2E-5	2.0E-4	-1.4E-4	1.9E-5	-9.9E-6
149	0.096	-0.075	0.070	-0.060	-0.153	-0.175	2.2E-4	-7.8E-5	2.1E-4	-1.8E-4	3.7E-5	-4.6E-5
150	0.067	-0.065	0.014	-0.017	-0.112	-0.243	6.6E-6	-3.4E-6	8.5E-5	-4.4E-5	5.4E-5	-5.7E-5
151	0.063	-0.059	0.026	-0.030	-0.111	-0.237	7.4E-7	-1.1E-5	9.3E-6	-1.5E-4	1.4E-5	-4.5E-5
152	0.036	-0.030	0.003	-0.009	-0.154	-0.181	-5.3E-5	-5.7E-5	6.6E-5	3.5E-6	-1.3E-5	-7.4E-5
153	0.037	-0.023	0.012	-0.018	-0.158	-0.184	7.8E-6	-4.5E-5	8.2E-5	-1.2E-5	-3.5E-5	-6.2E-5
154	0.059	-0.067	-0.002	-0.004	-0.122	-0.231	1.0E-5	-8.8E-6	1.3E-4	-1.1E-4	9.7E-6	-1.0E-4
155	0.048	-0.055	0.000	-0.009	-0.131	-0.212	1.1E-5	-1.0E-5	1.4E-4	-1.3E-4	-1.5E-5	-6.8E-5
156	0.039	-0.043	0.002	-0.011	-0.141	-0.192	9.7E-6	-6.2E-6	1.3E-4	-8.0E-5	-1.2E-5	-5.8E-5
157	0.127	-0.120	0.090	-0.043	-0.133	-0.207	0.0E+0	0.0E+0	1.0E-4	-3.3E-5	2.2E-5	-3.5E-5
158	0.128	-0.122	0.079	-0.032	-0.136	-0.216	0.0E+0	0.0E+0	1.5E-4	-1.9E-5	-8.1E-7	-3.4E-6
159	0.081	-0.067	0.044	-0.046	-0.149	-0.184	1.3E-4	-9.5E-7	1.7E-5	-1.4E-4	-3.9E-5	-6.1E-5
160	0.076	-0.069	0.035	-0.038	-0.159	-0.186	1.1E-4	1.2E-5	-2.7E-5	-1.9E-4	-1.7E-5	-7.6E-5
161	0.123	-0.104	0.058	-0.023	-0.150	-0.211	0.0E+0	0.0E+0	2.1E-4	-1.9E-4	4.6E-5	-4.4E-5
162	0.107	-0.085	0.048	-0.026	-0.162	-0.198	0.0E+0	0.0E+0	2.1E-4	-2.0E-4	6.7E-5	-7.0E-5
163	0.089	-0.071	0.038	-0.028	-0.173	-0.189	0.0E+0	0.0E+0	1.1E-4	-2.1E-4	6.8E-5	-9.1E-5
164	0.012	-0.013	0.035	-0.051	-0.135	-0.254	0.0E+0	0.0E+0	9.0E-6	4.7E-6	3.0E-5	-1.8E-5
165	0.007	-0.008	0.037	-0.036	-0.182	-0.198	5.4E-5	-2.8E-6	-1.4E-5	-2.6E-5	2.9E-5	-2.2E-5
166	0.015	-0.010	0.049	-0.060	-0.150	-0.241	0.0E+0	0.0E+0	2.0E-6	-2.1E-5	-2.3E-5	-3.4E-5
167	0.013	-0.009	0.052	-0.057	-0.162	-0.223	0.0E+0	0.0E+0	3.2E-5	-3.0E-5	1.6E-5	-5.2E-5
168	0.010	-0.006	0.052	-0.053	-0.173	-0.208	0.0E+0	0.0E+0	2.0E-5	-3.8E-5	4.0E-6	-3.3E-5
169	0.013	-0.014	0.028	-0.038	-0.145	-0.237	-3.2E-5	-3.8E-5	1.4E-5	-5.8E-6	-8.8E-6	-2.0E-5
170	0.013	-0.014	0.031	-0.035	-0.157	-0.222	-2.7E-5	-3.1E-5	2.4E-5	-2.1E-5	-5.1E-6	-2.0E-5
171	0.013	-0.013	0.031	-0.032	-0.169	-0.209	1.7E-5	-5.8E-5	5.8E-5	-4.5E-5	2.1E-5	-2.8E-5
172	0.013	-0.014	0.038	-0.048	-0.134	-0.253	0.0E+0	0.0E+0	-3.5E-6	-7.4E-6	8.2E-6	-7.2E-6
173	0.007	-0.007	0.035	-0.038	-0.180	-0.196	7.2E-5	1.4E-5	4.4E-5	3.2E-5	2.9E-5	-2.3E-5
174	0.013	-0.014	0.030	-0.036	-0.145	-0.236	-1.7E-5	-2.4E-5	1.2E-5	-6.8E-6	5.9E-6	3.6E-6
175	0.014	-0.014	0.031	-0.035	-0.156	-0.222	-1.2E-5	-1.5E-5	2.7E-5	-1.9E-5	1.7E-5	5.0E-6
176	0.013	-0.013	0.030	-0.032	-0.168	-0.209	3.1E-5	-4.4E-5	5.1E-5	-5.1E-5	3.7E-5	-1.1E-5
177	0.011	-0.016	0.051	-0.058	-0.147	-0.239	0.0E+0	0.0E+0	1.5E-5	-2.0E-5	2.6E-5	1.7E-5
178	0.008	-0.014	0.052	-0.056	-0.159	-0.221	0.0E+0	0.0E+0	2.7E-5	-4.6E-5	5.2E-5	-5.8E-6
179	0.005	-0.012	0.051	-0.053	-0.171	-0.205	0.0E+0	0.0E+0	3.1E-5	-3.3E-5	4.5E-5	9.2E-6
180	0.073	-0.102	0.061	-0.058	-0.146	-0.252	0.0E+0	0.0E+0	6.9E-5	-1.2E-5	2.8E-5	-2.3E-5
181	0.070	-0.100	0.046	-0.043	-0.145	-0.252	0.0E+0	0.0E+0	1.0E-4	-5.9E-5	2.0E-5	-2.7E-5
182	0.070	-0.098	0.031	-0.029	-0.145	-0.252	0.0E+0	0.0E+0	1.4E-4	-1.1E-4	-4.1E-6	-1.6E-5
183	0.074	-0.100	0.017	-0.014	-0.146	-0.251	0.0E+0	0.0E+0	1.5E-4	-1.5E-4	3.7E-5	-6.3E-5
184	0.083	-0.106	0.003	0.001	-0.147	-0.249	0.0E+0	0.0E+0	1.5E-4	-1.7E-4	8.1E-5	-1.3E-4
185	0.097	-0.115	0.015	-0.013	-0.148	-0.247	0.0E+0	0.0E+0	1.2E-4	-1.7E-4	9.5E-5	-1.4E-4
186	0.114	-0.124	0.030	-0.028	-0.150	-0.244	0.0E+0	0.0E+0	6.9E-5	-1.7E-4	9.8E-5	-2.1E-4
187	0.060	-0.060	0.051	-0.051	-0.195	-0.205	3.3E-5	-2.0E-5	1.6E-4	-3.3E-5	1.8E-4	-1.8E-4
188	0.041	-0.040	0.040	-0.040	-0.194	-0.205	9.8E-6	-2.3E-6	1.9E-4	-4.7E-5	1.8E-4	-1.9E-4
189	0.026	-0.025	0.029	-0.029	-0.194	-0.204	8.6E-6	-1.0E-6	2.2E-4	-5.5E-5	1.1E-4	-1.1E-4
190	0.020	-0.019	0.017	-0.018	-0.194	-0.203	1.5E-5	-6.3E-6	2.4E-4	-5.1E-5	6.8E-6	-1.0E-5
191	0.025	-0.023	0.006	-0.007	-0.193	-0.203	2.2E-5	-9.3E-6	2.5E-4	-3.5E-5	9.5E-5	-9.5E-5
192	0.038	-0.037	0.005	-0.006	-0.190	-0.203	3.1E-5	-9.2E-6	2.5E-4	-3.2E-6	1.8E-4	-1.7E-4
193	0.057	-0.056	0.016	-0.018	-0.186	-0.203	4.4E-5	-7.5E-6	2.5E-4	4.5E-5	1.9E-4	-1.8E-4
194	0.075	-0.099	0.076	-0.073	-0.160	-0.237	2.6E-5	-2.0E-5	7.4E-5	-9.1E-6	1.5E-5	-3.1E-6
195	0.076	-0.093	0.075	-0.072	-0.174	-0.222	1.1E-5	-2.4E-6	5.3E-5	2.3E-5	1.6E-5	-8.2E-6

RELAZIONE DI CALCOLO -

196	0.075	-0.085	0.071	-0.069	-0.188	-0.213	1.1E-4	-1.0E-4	1.5E-4	-5.2E-5	1.8E-5	-1.5E-5
197	-0.001	-0.001	0.026	-0.038	-0.133	-0.251	-1.9E-5	-3.9E-5	0.0E+0	0.0E+0	-2.6E-5	-2.8E-5
198	0.000	0.000	0.028	-0.028	-0.180	-0.200	2.1E-5	-1.2E-5	2.3E-6	1.7E-6	1.4E-5	1.3E-5
199	0.010	-0.015	0.010	-0.026	-0.131	-0.247	0.0E+0	0.0E+0	1.5E-5	4.1E-6	1.9E-6	4.3E-5
200	0.005	-0.014	-0.005	-0.012	-0.129	-0.243	0.0E+0	0.0E+0	3.7E-5	1.7E-7	2.3E-5	-6.4E-5
201	-0.002	-0.011	0.002	-0.019	-0.127	-0.239	0.0E+0	0.0E+0	5.9E-5	-5.8E-6	4.8E-5	-8.8E-5
202	-0.005	-0.012	0.016	-0.033	-0.126	-0.234	0.0E+0	0.0E+0	6.9E-5	-3.2E-6	7.1E-5	-1.1E-4
203	0.002	-0.023	0.030	-0.048	-0.125	-0.228	0.0E+0	0.0E+0	7.3E-5	3.2E-7	8.7E-5	-1.2E-4
204	0.012	-0.011	0.020	-0.017	-0.179	-0.198	-2.1E-5	-3.0E-5	8.5E-6	-8.4E-6	1.1E-5	-1.7E-5
205	0.012	-0.013	0.010	-0.006	-0.177	-0.195	-2.0E-5	-4.4E-5	2.2E-6	-3.0E-6	8.5E-6	-2.1E-5
206	0.013	-0.015	0.005	-0.001	-0.176	-0.190	-1.6E-5	-5.3E-5	1.2E-5	-1.6E-5	1.2E-5	-2.6E-5
207	0.014	-0.017	0.016	-0.011	-0.174	-0.185	-1.2E-5	-6.3E-5	2.1E-5	-2.9E-5	4.6E-6	-1.5E-5
208	0.013	-0.017	0.026	-0.021	-0.171	-0.181	-1.6E-6	-7.8E-5	2.4E-5	-4.0E-5	3.5E-5	-3.4E-5
209	0.011	-0.027	0.045	-0.056	-0.137	-0.206	0.0E+0	0.0E+0	8.3E-5	-6.6E-6	9.9E-5	-1.2E-4
210	0.009	-0.019	0.044	-0.049	-0.150	-0.192	0.0E+0	0.0E+0	1.0E-4	-3.4E-5	1.3E-4	-1.6E-4
211	0.001	-0.005	0.041	-0.041	-0.162	-0.183	0.0E+0	0.0E+0	2.2E-4	-1.5E-4	2.0E-4	-2.2E-4
212	0.033	0.007	0.034	-0.044	-0.133	-0.236	0.0E+0	0.0E+0	-2.2E-5	-1.1E-4	1.5E-4	-5.2E-5
213	0.019	0.011	0.019	-0.030	-0.132	-0.240	0.0E+0	0.0E+0	-7.0E-6	-9.1E-5	1.5E-4	-3.3E-5
214	0.013	0.006	0.005	-0.016	-0.132	-0.244	0.0E+0	0.0E+0	7.2E-6	-6.8E-5	1.3E-4	-1.1E-5
215	0.013	-0.004	-0.001	-0.009	-0.132	-0.247	0.0E+0	0.0E+0	9.7E-6	-3.4E-5	9.5E-5	4.2E-6
216	0.013	-0.011	0.013	-0.023	-0.132	-0.249	0.0E+0	0.0E+0	8.7E-6	-6.2E-6	5.6E-5	4.6E-6
217	0.014	-0.016	0.024	-0.023	-0.179	-0.188	1.3E-5	-6.4E-5	-2.9E-5	-9.4E-5	3.1E-5	-3.8E-5
218	0.015	-0.016	0.014	-0.013	-0.180	-0.192	4.5E-6	-4.7E-5	-2.2E-5	-7.2E-5	4.8E-6	-1.5E-5
219	0.014	-0.014	0.003	-0.003	-0.180	-0.195	1.1E-6	-3.6E-5	-1.9E-5	-4.7E-5	1.4E-5	-2.5E-5
220	0.013	-0.012	0.007	-0.008	-0.180	-0.198	-1.8E-6	-2.6E-5	-1.6E-5	-2.2E-5	1.1E-5	-1.9E-5
221	0.012	-0.011	0.018	-0.019	-0.180	-0.199	-3.5E-6	-1.2E-5	1.5E-6	-1.4E-5	1.3E-5	-1.4E-5
222	0.036	-0.002	0.047	-0.054	-0.147	-0.216	0.0E+0	0.0E+0	-2.7E-5	-1.2E-4	1.3E-4	-8.7E-5
223	0.025	-0.003	0.045	-0.049	-0.159	-0.202	0.0E+0	0.0E+0	-1.8E-7	-1.4E-4	1.6E-4	-1.3E-4
224	0.008	0.002	0.041	-0.042	-0.171	-0.192	0.0E+0	0.0E+0	1.2E-4	-2.5E-4	2.1E-4	-2.1E-4
225	0.124	-0.117	0.053	-0.005	-0.143	-0.236	0.0E+0	0.0E+0	1.7E-4	-7.3E-5	2.1E-4	-9.6E-5
226	0.115	-0.099	0.039	0.010	-0.147	-0.245	0.0E+0	0.0E+0	1.6E-4	-1.3E-4	1.7E-4	-7.6E-5
227	0.109	-0.082	0.025	0.024	-0.153	-0.255	0.0E+0	0.0E+0	1.5E-4	-1.6E-4	1.6E-4	-5.4E-5
228	0.106	-0.069	0.040	0.010	-0.159	-0.264	0.0E+0	0.0E+0	1.2E-4	-1.8E-4	9.8E-5	-7.6E-6
229	0.107	-0.062	0.054	-0.005	-0.165	-0.272	0.0E+0	0.0E+0	7.5E-5	-1.7E-4	4.6E-5	3.0E-5
230	0.111	-0.060	0.069	-0.020	-0.172	-0.279	0.0E+0	0.0E+0	1.9E-5	-1.4E-4	4.8E-5	1.1E-6
231	0.115	-0.061	0.084	-0.035	-0.180	-0.286	0.0E+0	0.0E+0	-2.9E-5	-1.1E-4	3.4E-5	-1.7E-5
232	0.055	-0.057	0.015	-0.018	-0.178	-0.196	1.1E-4	5.7E-5	-2.8E-5	-2.4E-4	1.7E-4	-1.9E-4
233	0.036	-0.040	0.004	-0.007	-0.189	-0.202	9.9E-5	5.7E-5	1.1E-5	-2.5E-4	1.7E-4	-1.8E-4
234	0.022	-0.026	0.005	-0.007	-0.198	-0.209	9.0E-5	5.7E-5	3.4E-5	-2.6E-4	9.6E-5	-9.4E-5
235	0.018	-0.021	0.017	-0.019	-0.207	-0.216	8.4E-5	6.0E-5	4.2E-5	-2.5E-4	1.1E-5	-5.5E-6
236	0.024	-0.027	0.028	-0.030	-0.213	-0.224	7.7E-5	6.6E-5	3.7E-5	-2.4E-4	1.1E-4	-1.1E-4
237	0.040	-0.042	0.039	-0.041	-0.220	-0.231	7.7E-5	6.6E-5	2.1E-5	-2.2E-4	1.9E-4	-1.8E-4
238	0.059	-0.061	0.051	-0.052	-0.228	-0.238	1.0E-4	4.9E-5	-1.3E-6	-2.0E-4	1.8E-4	-1.8E-4
239	0.108	-0.066	0.093	-0.056	-0.200	-0.278	9.4E-5	5.0E-5	-2.9E-5	-1.1E-4	3.6E-6	-1.5E-5
240	0.099	-0.070	0.086	-0.061	-0.214	-0.262	8.0E-5	6.5E-5	-6.0E-5	-9.5E-5	9.6E-6	-1.6E-5
241	0.087	-0.073	0.076	-0.064	-0.228	-0.252	1.8E-4	-3.2E-5	1.2E-5	-1.9E-4	1.5E-5	-1.8E-5
242	0.018	-0.036	0.058	-0.069	-0.138	-0.199	2.1E-5	-9.5E-5	9.4E-5	-1.6E-5	6.1E-5	-7.4E-5
243	0.018	-0.030	0.057	-0.063	-0.152	-0.185	-1.5E-5	-4.8E-5	4.5E-5	2.7E-5	6.9E-5	-7.8E-5
244	0.016	-0.021	0.054	-0.054	-0.166	-0.176	1.0E-4	-1.6E-4	1.7E-4	-1.1E-4	1.2E-4	-1.3E-4
245	0.045	-0.009	0.060	-0.067	-0.149	-0.210	3.6E-5	-8.0E-5	-2.5E-5	-1.3E-4	6.8E-5	-6.1E-5
246	0.035	-0.012	0.058	-0.062	-0.163	-0.196	1.9E-6	-3.1E-5	-6.9E-5	-8.5E-5	7.1E-5	-7.4E-5
247	0.023	-0.013	0.054	-0.055	-0.177	-0.186	1.1E-4	-1.5E-4	7.0E-5	-2.1E-4	1.2E-4	-1.3E-4
248	0.060	-0.089	0.074	-0.072	-0.142	-0.250	4.0E-6	-1.4E-6	0.0E+0	0.0E+0	4.0E-5	-2.1E-5
249	0.029	-0.057	0.063	-0.068	-0.133	-0.244	5.4E-5	-7.6E-5	0.0E+0	0.0E+0	4.6E-5	-4.1E-6
250	0.010	-0.037	0.060	-0.071	-0.129	-0.237	5.4E-5	-9.9E-5	0.0E+0	0.0E+0	4.0E-5	3.9E-7
251	-0.001	-0.025	0.061	-0.074	-0.127	-0.232	4.0E-5	-9.8E-5	0.0E+0	0.0E+0	4.7E-5	-1.1E-5
252	-0.013	-0.014	0.062	-0.077	-0.126	-0.228	2.1E-5	-8.9E-5	0.0E+0	0.0E+0	4.1E-5	-9.5E-6
253	0.062	-0.062	0.056	-0.056	-0.190	-0.201	8.0E-5	-6.5E-5	9.8E-5	2.1E-5	1.3E-4	-1.3E-4
254	0.044	-0.044	0.029	-0.028	-0.178	-0.191	9.0E-5	-9.4E-5	4.6E-5	2.4E-5	1.1E-4	-1.1E-4
255	0.028	-0.028	0.024	-0.022	-0.176	-0.187	9.5E-5	-1.2E-4	2.3E-5	1.7E-5	3.5E-5	-4.6E-5
256	0.020	-0.020	0.030	-0.026	-0.175	-0.184	9.2E-5	-1.2E-4	4.7E-5	1.3E-5	8.6E-5	-9.8E-5
257	0.012	-0.012	0.038	-0.034	-0.172	-0.182	8.5E-5	-1.2E-4	6.8E-5	2.2E-6	1.1E-4	-1.2E-4
258	0.000	-0.018	0.061	-0.072	-0.138	-0.208	1.4E-5	-8.6E-5	0.0E+0	0.0E+0	2.2E-5	-1.2E-5
259	0.000	-0.012	0.058	-0.063	-0.150	-0.194	4.3E-5	-1.1E-4	0.0E+0	0.0E+0	6.2E-5	-5.4E-5
260	-0.001	-0.005	0.053	-0.052	-0.162	-0.185	7.2E-5	-1.3E-4	0.0E+0	0.0E+0	7.5E-5	-7.5E-5
261	0.008	-0.034	0.061	-0.079	-0.125	-0.217	7.6E-6	-9.1E-5	0.0E+0	0.0E+0	3.1E-5	-3.0E-5
262	0.002	-0.002	0.050	-0.044	-0.160	-0.181	7.1E-5	-1.1E-4	9.8E-5	-3.4E-5	5.9E-6	-6.7E-6
263	0.027	0.024	0.067	-0.071	-0.146	-0.248	3.5E-5	-6.7E-5	0.0E+0	0.0E+0	-1.6E-5	-7.0E-5
264	0.039	0.012	0.069	-0.065	-0.151	-0.255	6.0E-5	-6.9E-5	0.0E+0	0.0E+0	-2.1E-5	-7.8E-5
265	0.051	0.000	0.071	-0.059	-0.156	-0.263	8.1E-5	-6.1E-5	0.0E+0	0.0E+0	-4.0E-5	-7.4E-5
266	0.079	-0.028	0.085	-0.049	-0.168	-0.280	8.8E-5	6.4E-6	0.0E+0	0.0E+0	-1.5E-6	-1.1E-4
267	0.103	-0.049	0.097	-0.050	-0.179	-0.288	6.8E-5	6.5E-5	0.0E+0	0.0E+0	6.8E-6	-5.0E-5

RELAZIONE DI CALCOLO -

268	0.011	-0.014	0.036	-0.035	-0.191	-0.201	1.2E-4	-8.9E-5	-4.4E-5	-1.1E-4	1.1E-4	-1.1E-4
269	0.019	-0.022	0.028	-0.027	-0.198	-0.207	1.3E-4	-8.5E-5	-5.3E-5	-8.4E-5	9.0E-5	-8.7E-5
270	0.028	-0.030	0.023	-0.022	-0.202	-0.212	1.4E-4	-7.5E-5	-5.1E-5	-5.6E-5	3.4E-5	-3.2E-5
271	0.044	-0.046	0.030	-0.030	-0.209	-0.221	1.4E-4	-4.0E-5	-5.0E-5	-7.5E-5	1.2E-4	-1.2E-4
272	0.061	-0.064	0.056	-0.057	-0.226	-0.237	1.4E-4	3.4E-7	-6.1E-5	-1.4E-4	1.3E-4	-1.2E-4
273	0.027	0.009	0.064	-0.068	-0.154	-0.224	2.8E-5	-6.9E-5	0.0E+0	0.0E+0	-1.3E-6	-3.8E-5
274	0.017	0.006	0.060	-0.061	-0.166	-0.210	6.0E-5	-9.3E-5	0.0E+0	0.0E+0	4.4E-5	-7.3E-5
275	0.006	0.003	0.053	-0.052	-0.178	-0.200	9.4E-5	-1.1E-4	0.0E+0	0.0E+0	6.8E-5	-8.2E-5
276	0.046	0.005	0.065	-0.076	-0.139	-0.231	1.9E-5	-7.7E-5	0.0E+0	0.0E+0	1.9E-5	-3.3E-5
277	0.001	-0.003	0.048	-0.047	-0.174	-0.194	9.4E-5	-9.0E-5	-1.1E-5	-1.4E-4	5.9E-6	-6.8E-6
278	0.125	-0.116	0.079	-0.082	-0.111	-0.287	3.1E-5	-2.7E-5	0.0E+0	0.0E+0	1.4E-4	-1.6E-5
279	0.103	-0.094	0.055	-0.080	-0.106	-0.295	6.1E-5	-4.1E-5	0.0E+0	0.0E+0	1.6E-4	-1.3E-5
280	0.089	-0.080	0.042	-0.079	-0.103	-0.299	9.4E-5	-1.7E-5	0.0E+0	0.0E+0	1.3E-4	-1.1E-5
281	0.131	-0.126	0.083	-0.081	-0.133	-0.261	2.1E-5	-1.8E-5	3.6E-5	-5.9E-5	3.0E-6	-3.2E-5
282	0.125	-0.122	0.081	-0.080	-0.147	-0.246	3.9E-5	-2.4E-5	4.6E-5	-6.8E-5	3.2E-5	-5.2E-5
283	0.070	-0.066	0.032	-0.076	-0.111	-0.293	1.6E-4	3.6E-5	3.4E-4	2.8E-4	1.9E-5	6.1E-6
284	0.068	-0.062	0.027	-0.072	-0.122	-0.281	-2.3E-5	-1.2E-4	-2.0E-4	-3.1E-4	2.4E-5	-1.0E-5
285	0.066	-0.059	0.023	-0.067	-0.133	-0.270	1.3E-4	1.7E-5	3.3E-4	3.0E-4	2.3E-5	-8.2E-6
286	0.130	-0.131	0.064	-0.060	-0.111	-0.287	0.0E+0	0.0E+0	-2.5E-5	-9.0E-5	3.2E-6	-9.5E-5
287	0.136	-0.131	0.075	-0.072	-0.113	-0.284	0.0E+0	0.0E+0	1.5E-5	-6.7E-5	-1.0E-7	-6.4E-5
288	0.123	-0.134	0.051	-0.047	-0.121	-0.277	0.0E+0	0.0E+0	8.9E-5	5.2E-5	-9.2E-6	-1.5E-5
289	0.128	-0.131	0.049	-0.046	-0.132	-0.265	0.0E+0	0.0E+0	4.6E-5	3.2E-5	-7.3E-6	-2.2E-5
290	0.131	-0.127	0.047	-0.044	-0.142	-0.252	0.0E+0	0.0E+0	7.6E-5	4.8E-5	-6.4E-6	-2.2E-5
291	0.075	-0.064	0.024	-0.067	-0.096	-0.310	0.0E+0	0.0E+0	2.9E-5	-3.2E-5	3.0E-6	-1.2E-5
292	0.071	-0.067	0.011	-0.054	-0.092	-0.316	0.0E+0	0.0E+0	3.3E-6	-5.8E-5	-5.4E-5	-8.1E-5
293	0.067	-0.067	-0.007	-0.037	-0.098	-0.308	0.0E+0	0.0E+0	-2.5E-5	-3.2E-5	-1.1E-5	-2.3E-5
294	0.066	-0.068	-0.011	-0.032	-0.107	-0.293	0.0E+0	0.0E+0	-1.5E-5	-1.9E-5	-1.2E-5	-3.0E-5
295	0.064	-0.069	-0.014	-0.027	-0.116	-0.279	0.0E+0	0.0E+0	5.5E-6	-3.7E-5	-1.7E-5	-3.5E-5
296	0.088	-0.087	0.079	-0.034	-0.069	-0.269	1.3E-4	6.8E-5	0.0E+0	0.0E+0	1.1E-5	-1.3E-4
297	0.102	-0.101	0.095	-0.036	-0.073	-0.264	1.1E-4	2.8E-5	0.0E+0	0.0E+0	1.9E-5	-2.1E-4
298	0.124	-0.123	0.124	-0.040	-0.079	-0.255	1.1E-4	4.0E-5	0.0E+0	0.0E+0	1.9E-5	-1.7E-4
299	0.074	-0.068	0.064	-0.040	-0.078	-0.263	2.5E-4	1.4E-4	-3.2E-4	-4.0E-4	-3.9E-5	-4.2E-5
300	0.069	-0.065	0.054	-0.042	-0.089	-0.252	1.4E-5	-8.1E-5	3.5E-4	2.3E-4	-1.9E-5	-5.0E-5
301	0.066	-0.063	0.046	-0.043	-0.100	-0.241	2.2E-4	1.2E-4	-3.3E-4	-3.7E-4	-1.6E-5	-4.7E-5
302	0.133	-0.129	0.120	-0.046	-0.103	-0.228	9.6E-5	5.2E-5	6.1E-5	-4.4E-5	-9.3E-6	-2.7E-5
303	0.129	-0.123	0.111	-0.050	-0.116	-0.214	1.1E-4	4.3E-5	7.6E-5	-5.0E-5	1.4E-5	-6.0E-5
304	0.072	-0.071	0.047	-0.012	-0.071	-0.296	4.6E-6	2.4E-6	6.0E-5	3.1E-5	3.3E-5	-9.3E-6
305	0.071	-0.073	0.060	-0.025	-0.068	-0.285	-4.6E-6	-8.2E-6	-6.0E-5	-1.1E-4	2.5E-5	9.4E-6
306	0.069	-0.073	0.024	-0.001	-0.084	-0.294	4.1E-6	3.6E-6	5.3E-5	4.6E-5	-1.4E-5	-4.1E-5
307	0.072	-0.071	0.016	-0.002	-0.093	-0.279	1.9E-6	1.8E-6	2.5E-5	2.4E-5	7.1E-6	-4.1E-6
308	0.073	-0.068	0.008	-0.003	-0.103	-0.264	3.8E-6	2.4E-7	5.0E-5	3.1E-6	2.0E-5	2.7E-6
309	0.135	-0.134	0.122	-0.028	-0.088	-0.257	0.0E+0	0.0E+0	3.7E-5	-1.3E-5	7.8E-5	-5.2E-5
310	0.132	-0.128	0.110	-0.016	-0.091	-0.266	0.0E+0	0.0E+0	1.3E-5	5.0E-6	7.2E-5	-4.3E-5
311	0.132	-0.127	0.091	-0.008	-0.106	-0.262	0.0E+0	0.0E+0	-2.6E-5	-8.0E-5	4.1E-6	2.5E-6
312	0.130	-0.131	0.083	-0.012	-0.117	-0.249	0.0E+0	0.0E+0	-2.1E-5	-3.8E-5	1.4E-5	-2.4E-6
313	0.127	-0.134	0.076	-0.016	-0.128	-0.237	0.0E+0	0.0E+0	-2.8E-5	-5.9E-5	1.1E-5	-4.7E-6
314	0.012	-0.014	0.018	-0.058	-0.092	-0.306	0.0E+0	0.0E+0	4.2E-6	-7.0E-6	2.4E-5	-1.3E-5
315	0.015	-0.012	0.034	-0.067	-0.105	-0.298	0.0E+0	0.0E+0	-1.3E-5	-2.0E-5	-1.9E-5	-3.0E-5
316	0.013	-0.013	0.038	-0.066	-0.116	-0.284	0.0E+0	0.0E+0	-1.1E-5	-2.0E-5	1.2E-5	-1.0E-5
317	0.011	-0.014	0.041	-0.064	-0.127	-0.271	0.0E+0	0.0E+0	-2.4E-5	-4.3E-5	3.4E-5	7.1E-6
318	0.012	-0.015	0.012	-0.045	-0.101	-0.289	-2.0E-5	-5.4E-5	9.4E-6	8.9E-6	-3.0E-5	-4.2E-5
319	0.012	-0.015	0.016	-0.044	-0.112	-0.276	-1.8E-5	-5.2E-5	-6.1E-7	-1.5E-6	-2.6E-5	-3.9E-5
320	0.012	-0.015	0.020	-0.042	-0.122	-0.264	-2.2E-5	-4.9E-5	6.4E-6	-8.8E-7	-2.2E-5	-2.4E-5
321	0.011	-0.015	0.027	-0.049	-0.090	-0.304	0.0E+0	0.0E+0	1.1E-5	-3.3E-6	2.8E-6	-3.7E-6
322	0.012	-0.015	0.019	-0.038	-0.100	-0.288	-5.2E-6	-3.9E-5	5.6E-6	3.1E-6	1.2E-5	-1.5E-5
323	0.012	-0.014	0.022	-0.037	-0.111	-0.276	3.3E-7	-3.4E-5	6.4E-6	8.4E-7	4.6E-6	-1.8E-5
324	0.012	-0.014	0.025	-0.037	-0.122	-0.264	-5.8E-6	-3.4E-5	5.8E-6	7.0E-7	1.1E-6	-1.2E-5
325	0.013	-0.016	0.041	-0.059	-0.102	-0.295	0.0E+0	0.0E+0	1.4E-5	1.3E-5	3.7E-6	-3.9E-6
326	0.014	-0.014	0.043	-0.059	-0.113	-0.281	0.0E+0	0.0E+0	2.0E-5	1.1E-5	-3.1E-6	-7.8E-6
327	0.015	-0.013	0.046	-0.059	-0.124	-0.268	0.0E+0	0.0E+0	2.3E-5	9.2E-6	-1.7E-5	-2.1E-5
328	0.071	-0.117	0.059	-0.054	-0.100	-0.302	0.0E+0	0.0E+0	3.8E-5	5.0E-6	3.7E-5	-9.0E-5
329	0.081	-0.120	0.044	-0.039	-0.101	-0.301	0.0E+0	0.0E+0	4.4E-5	-2.5E-5	3.5E-5	-1.1E-4
330	0.092	-0.124	0.028	-0.024	-0.101	-0.300	0.0E+0	0.0E+0	4.8E-5	-4.9E-5	3.3E-5	-1.2E-4
331	0.104	-0.127	0.013	-0.008	-0.102	-0.298	0.0E+0	0.0E+0	4.4E-5	-6.2E-5	3.0E-5	-1.2E-4
332	0.115	-0.130	0.007	-0.002	-0.104	-0.297	0.0E+0	0.0E+0	3.4E-5	-6.5E-5	2.3E-5	-1.1E-4
333	0.123	-0.131	0.022	-0.018	-0.105	-0.295	0.0E+0	0.0E+0	1.8E-5	-6.1E-5	1.5E-5	-6.6E-5
334	0.129	-0.132	0.037	-0.033	-0.108	-0.292	0.0E+0	0.0E+0	-7.6E-6	-7.5E-5	-2.1E-6	-4.3E-5
335	0.067	-0.111	0.075	-0.070	-0.111	-0.291	1.3E-5	-8.0E-6	3.7E-5	3.1E-5	2.4E-5	-2.3E-5
336	0.070	-0.109	0.076	-0.071	-0.123	-0.278	1.7E-5	-1.1E-5	3.8E-5	3.0E-5	2.0E-5	-1.3E-5
337	0.072	-0.106	0.076	-0.072	-0.134	-0.265	7.1E-6	-1.5E-6	3.9E-5	2.4E-5	1.4E-5	-3.5E-6
338	-0.001	-0.002	0.014	-0.042	-0.089	-0.300	-1.0E-5	-3.9E-5	0.0E+0	0.0E+0	-8.3E-5	-8.6E-5
339	0.006	-0.017	-0.007	-0.033	-0.087	-0.296	0.0E+0	0.0E+0	5.7E-7	-3.4E-6	4.9E-6	-8.3E-5

RELAZIONE DI CALCOLO -

340	-0.004	-0.015	-0.018	-0.022	-0.085	-0.291	0.0E+0	0.0E+0	8.4E-6	1.3E-6	2.0E-5	-1.1E-4
341	-0.013	-0.016	-0.004	-0.035	-0.083	-0.286	0.0E+0	0.0E+0	2.1E-5	8.3E-6	3.7E-5	-1.3E-4
342	-0.009	-0.028	0.010	-0.049	-0.082	-0.281	0.0E+0	0.0E+0	3.6E-5	1.6E-5	5.0E-5	-1.4E-4
343	-0.003	-0.041	0.024	-0.063	-0.080	-0.277	0.0E+0	0.0E+0	4.7E-5	1.9E-5	6.6E-5	-1.3E-4
344	0.006	-0.047	0.040	-0.074	-0.090	-0.260	0.0E+0	0.0E+0	3.9E-5	2.6E-5	7.7E-5	-1.0E-4
345	0.008	-0.043	0.042	-0.070	-0.101	-0.247	0.0E+0	0.0E+0	5.1E-5	2.7E-5	7.8E-5	-1.2E-4
346	0.009	-0.039	0.043	-0.066	-0.113	-0.235	0.0E+0	0.0E+0	5.9E-5	2.2E-5	8.6E-5	-1.2E-4
347	0.065	0.022	0.034	-0.055	-0.089	-0.286	0.0E+0	0.0E+0	-5.9E-5	-9.3E-5	1.8E-4	4.6E-6
348	0.048	0.021	0.019	-0.040	-0.089	-0.289	0.0E+0	0.0E+0	-5.0E-5	-9.4E-5	1.9E-4	1.5E-5
349	0.029	0.019	0.005	-0.026	-0.089	-0.292	0.0E+0	0.0E+0	-4.0E-5	-8.7E-5	2.1E-4	2.8E-5
350	0.016	0.010	-0.009	-0.013	-0.088	-0.294	0.0E+0	0.0E+0	-3.0E-5	-7.1E-5	1.9E-4	3.3E-5
351	0.013	-0.005	0.002	-0.024	-0.089	-0.297	0.0E+0	0.0E+0	-2.0E-5	-4.9E-5	1.4E-4	2.6E-5
352	0.072	0.015	0.048	-0.066	-0.101	-0.271	0.0E+0	0.0E+0	-6.5E-5	-8.4E-5	1.4E-4	-2.1E-5
353	0.064	0.010	0.048	-0.064	-0.112	-0.258	0.0E+0	0.0E+0	-6.7E-5	-1.1E-4	1.5E-4	-2.9E-5
354	0.055	0.005	0.048	-0.061	-0.123	-0.245	0.0E+0	0.0E+0	-6.1E-5	-1.2E-4	1.5E-4	-4.6E-5
355	0.134	-0.129	0.083	0.011	-0.100	-0.284	0.0E+0	0.0E+0	4.5E-5	-2.1E-5	7.4E-5	3.3E-5
356	0.136	-0.119	0.068	0.027	-0.104	-0.293	0.0E+0	0.0E+0	2.3E-5	-3.5E-5	1.4E-4	2.3E-5
357	0.139	-0.102	0.052	0.042	-0.110	-0.303	0.0E+0	0.0E+0	3.2E-6	-5.8E-5	1.9E-4	2.4E-5
358	0.141	-0.084	0.057	0.037	-0.116	-0.311	0.0E+0	0.0E+0	-1.4E-5	-7.0E-5	1.8E-4	1.4E-5
359	0.142	-0.067	0.073	0.022	-0.122	-0.320	0.0E+0	0.0E+0	-3.6E-5	-7.6E-5	1.6E-4	7.0E-6
360	0.142	-0.053	0.088	0.007	-0.128	-0.328	0.0E+0	0.0E+0	-5.8E-5	-7.4E-5	1.2E-4	-5.7E-6
361	0.140	-0.043	0.103	-0.008	-0.135	-0.336	0.0E+0	0.0E+0	-6.8E-5	-7.5E-5	7.2E-5	-2.3E-5
362	0.132	-0.045	0.114	-0.030	-0.152	-0.333	8.6E-5	5.9E-5	-6.2E-5	-7.8E-5	6.6E-6	-3.5E-5
363	0.128	-0.051	0.109	-0.037	-0.163	-0.320	8.9E-5	5.6E-5	-6.3E-5	-8.0E-5	3.0E-6	-2.6E-5
364	0.122	-0.057	0.104	-0.043	-0.175	-0.307	7.7E-5	6.7E-5	-6.7E-5	-7.7E-5	-2.3E-6	-1.8E-5
365	0.051	-0.100	0.072	-0.069	-0.097	-0.300	1.4E-5	-8.3E-6	0.0E+0	0.0E+0	2.3E-5	1.6E-5
366	0.038	-0.087	0.071	-0.072	-0.095	-0.297	5.4E-7	-4.1E-6	0.0E+0	0.0E+0	4.8E-5	1.4E-5
367	0.016	-0.065	0.069	-0.081	-0.090	-0.291	4.3E-6	-2.8E-5	0.0E+0	0.0E+0	8.4E-5	1.1E-5
368	-0.004	-0.045	0.068	-0.092	-0.085	-0.285	7.7E-6	-4.9E-5	0.0E+0	0.0E+0	7.5E-5	1.7E-5
369	-0.016	-0.033	0.066	-0.097	-0.083	-0.281	7.2E-6	-6.0E-5	0.0E+0	0.0E+0	4.9E-5	1.7E-5
370	-0.021	-0.028	0.064	-0.100	-0.082	-0.277	1.7E-5	-5.1E-5	0.0E+0	0.0E+0	4.7E-5	3.4E-5
371	-0.008	-0.036	0.061	-0.097	-0.091	-0.262	-1.3E-5	-4.2E-5	0.0E+0	0.0E+0	3.4E-5	1.5E-5
372	-0.006	-0.032	0.062	-0.092	-0.102	-0.249	-1.1E-5	-6.7E-5	0.0E+0	0.0E+0	3.1E-5	1.9E-5
373	-0.003	-0.028	0.062	-0.087	-0.113	-0.236	-6.3E-7	-8.1E-5	0.0E+0	0.0E+0	3.3E-5	4.9E-6
374	0.051	0.048	0.073	-0.082	-0.104	-0.299	1.1E-5	-5.3E-6	0.0E+0	0.0E+0	-8.1E-5	-1.0E-4
375	0.063	0.034	0.081	-0.072	-0.110	-0.307	2.0E-5	3.0E-6	0.0E+0	0.0E+0	-8.4E-5	-1.2E-4
376	0.077	0.020	0.089	-0.060	-0.116	-0.315	2.9E-5	1.8E-5	0.0E+0	0.0E+0	-9.0E-5	-1.4E-4
377	0.100	-0.003	0.102	-0.039	-0.126	-0.327	4.3E-5	3.7E-5	0.0E+0	0.0E+0	-8.7E-5	-1.3E-4
378	0.123	-0.025	0.113	-0.026	-0.135	-0.338	7.7E-5	4.9E-5	0.0E+0	0.0E+0	-5.5E-5	-6.2E-5
379	0.056	0.029	0.066	-0.087	-0.109	-0.279	-4.9E-6	-9.8E-6	0.0E+0	0.0E+0	-6.2E-5	-6.6E-5
380	0.050	0.024	0.067	-0.085	-0.120	-0.266	-6.9E-6	-4.3E-5	0.0E+0	0.0E+0	-4.9E-5	-7.2E-5
381	0.043	0.019	0.067	-0.081	-0.131	-0.253	9.0E-7	-6.6E-5	0.0E+0	0.0E+0	-3.1E-5	-6.7E-5
382	0.141	-0.133	0.086	-0.097	-0.039	-0.323	3.2E-5	-3.0E-5	0.0E+0	0.0E+0	7.3E-5	1.2E-5
383	0.128	-0.121	0.079	-0.097	-0.036	-0.327	4.4E-5	-3.5E-5	0.0E+0	0.0E+0	9.8E-5	2.7E-6
384	0.116	-0.108	0.071	-0.098	-0.033	-0.330	5.3E-5	-3.9E-5	0.0E+0	0.0E+0	9.9E-5	3.2E-6
385	0.103	-0.095	0.063	-0.098	-0.029	-0.334	7.6E-5	-3.1E-5	0.0E+0	0.0E+0	7.8E-5	8.0E-6
386	0.150	-0.142	0.089	-0.093	-0.056	-0.305	2.5E-5	-2.2E-5	3.7E-5	-4.8E-5	4.0E-5	2.3E-5
387	0.146	-0.139	0.087	-0.091	-0.069	-0.292	2.2E-5	-2.3E-5	3.9E-5	-4.6E-5	3.2E-5	1.0E-5
388	0.141	-0.135	0.085	-0.089	-0.083	-0.278	2.1E-5	-2.2E-5	3.8E-5	-4.6E-5	2.4E-5	1.3E-6
389	0.086	-0.079	0.051	-0.096	-0.039	-0.325	1.1E-4	-1.7E-5	1.3E-4	2.9E-5	4.7E-5	1.5E-5
390	0.082	-0.075	0.045	-0.092	-0.052	-0.311	2.2E-5	-8.8E-5	-9.9E-5	-1.9E-4	4.2E-5	1.9E-5
391	0.079	-0.070	0.039	-0.088	-0.066	-0.298	1.6E-4	2.0E-5	3.1E-4	1.5E-4	3.0E-5	2.1E-5
392	0.155	-0.136	0.067	-0.071	-0.047	-0.315	0.0E+0	0.0E+0	-1.6E-5	-1.1E-4	1.1E-4	2.7E-5
393	0.155	-0.142	0.079	-0.083	-0.045	-0.317	0.0E+0	0.0E+0	2.7E-5	-6.2E-5	6.2E-5	2.2E-5
394	0.141	-0.138	0.052	-0.056	-0.063	-0.298	0.0E+0	0.0E+0	6.9E-5	-3.6E-5	4.8E-6	-1.6E-5
395	0.138	-0.132	0.050	-0.054	-0.077	-0.284	0.0E+0	0.0E+0	7.2E-5	-3.5E-5	-5.5E-7	-1.9E-5
396	0.092	-0.079	0.043	-0.086	-0.026	-0.340	0.0E+0	0.0E+0	5.5E-5	-3.6E-5	3.2E-5	2.1E-5
397	0.092	-0.075	0.028	-0.071	-0.026	-0.342	0.0E+0	0.0E+0	3.9E-5	-4.9E-5	4.7E-5	4.1E-7
398	0.085	-0.069	0.006	-0.053	-0.039	-0.329	0.0E+0	0.0E+0	-2.0E-5	-1.6E-4	3.8E-5	2.3E-5
399	0.072	-0.071	0.001	-0.048	-0.052	-0.314	0.0E+0	0.0E+0	-1.4E-5	-1.3E-4	-2.2E-5	-6.1E-5
400	0.127	-0.127	0.127	-0.042	-0.056	-0.239	1.1E-4	3.3E-5	0.0E+0	0.0E+0	8.1E-6	-1.6E-4
401	0.114	-0.114	0.110	-0.041	-0.053	-0.244	1.1E-4	2.3E-5	0.0E+0	0.0E+0	2.4E-5	-2.2E-4
402	0.102	-0.102	0.091	-0.039	-0.049	-0.250	1.1E-4	3.3E-5	0.0E+0	0.0E+0	2.1E-5	-2.1E-4
403	0.088	-0.088	0.076	-0.039	-0.045	-0.254	5.4E-5	-1.2E-5	0.0E+0	0.0E+0	-1.9E-5	-1.3E-4
404	0.071	-0.075	0.061	-0.029	-0.040	-0.272	9.0E-6	4.9E-6	1.2E-4	6.4E-5	4.6E-5	-2.3E-5
405	0.072	-0.073	0.052	-0.014	-0.038	-0.284	8.4E-7	-1.3E-6	1.1E-5	-1.7E-5	3.8E-5	1.8E-5
406	0.131	-0.131	0.114	-0.016	-0.061	-0.257	0.0E+0	0.0E+0	5.1E-5	5.8E-6	2.8E-5	-3.9E-5
407	0.136	-0.135	0.124	-0.028	-0.061	-0.245	0.0E+0	0.0E+0	2.6E-5	-3.8E-6	1.1E-4	-7.8E-5
408	0.033	-0.012	0.008	-0.060	-0.031	-0.323	0.0E+0	0.0E+0	4.5E-6	-1.0E-4	-1.6E-5	-9.6E-5
409	0.035	-0.008	0.023	-0.069	-0.044	-0.316	0.0E+0	0.0E+0	-6.6E-5	-2.2E-4	-6.4E-5	-1.4E-4
410	0.017	-0.014	0.028	-0.067	-0.057	-0.301	0.0E+0	0.0E+0	-5.2E-5	-1.8E-4	1.6E-5	2.9E-6
411	0.017	-0.015	0.003	-0.046	-0.044	-0.304	0.0E+0	0.0E+0	-1.3E-5	-8.2E-5	-1.6E-5	-8.3E-5

RELAZIONE DI CALCOLO -

412	0.013	-0.016	0.007	-0.045	-0.056	-0.291	0.0E+0	0.0E+0	-1.3E-5	-5.3E-5	-1.4E-5	-5.1E-5
413	0.012	-0.015	0.026	-0.046	-0.050	-0.298	0.0E+0	0.0E+0	9.0E-6	-5.8E-6	4.1E-5	-5.1E-6
414	0.012	-0.012	0.018	-0.034	-0.056	-0.289	0.0E+0	0.0E+0	-9.6E-6	-4.5E-5	6.8E-5	1.7E-5
415	0.074	-0.114	0.056	-0.059	-0.069	-0.287	0.0E+0	0.0E+0	3.4E-5	-1.8E-6	4.7E-5	-9.8E-5
416	0.084	-0.119	0.042	-0.045	-0.065	-0.291	0.0E+0	0.0E+0	4.1E-5	-2.9E-5	4.8E-5	-1.2E-4
417	0.096	-0.125	0.028	-0.031	-0.062	-0.295	0.0E+0	0.0E+0	4.2E-5	-4.9E-5	4.5E-5	-1.3E-4
418	0.109	-0.129	0.014	-0.017	-0.059	-0.299	0.0E+0	0.0E+0	3.9E-5	-6.2E-5	3.6E-5	-1.2E-4
419	0.121	-0.133	0.005	-0.003	-0.057	-0.302	0.0E+0	0.0E+0	3.3E-5	-7.3E-5	2.4E-5	-1.1E-4
420	0.132	-0.135	0.013	-0.016	-0.055	-0.305	0.0E+0	0.0E+0	2.8E-5	-8.0E-5	1.1E-5	-8.9E-5
421	0.141	-0.137	0.026	-0.030	-0.053	-0.308	0.0E+0	0.0E+0	3.6E-5	-7.4E-5	8.1E-6	-5.7E-5
422	0.149	-0.137	0.040	-0.045	-0.051	-0.310	0.0E+0	0.0E+0	4.0E-6	-1.3E-4	-1.6E-5	-6.6E-5
423	0.011	-0.015	-0.014	-0.037	-0.035	-0.307	0.0E+0	0.0E+0	-7.1E-6	-5.9E-5	-4.8E-6	-1.2E-4
424	-0.001	-0.015	-0.018	-0.032	-0.037	-0.298	0.0E+0	0.0E+0	-1.9E-7	-2.8E-5	1.9E-5	-1.3E-4
425	-0.012	-0.017	-0.003	-0.039	-0.040	-0.289	0.0E+0	0.0E+0	7.7E-6	-3.2E-6	4.0E-5	-1.4E-4
426	-0.007	-0.029	0.012	-0.051	-0.043	-0.281	0.0E+0	0.0E+0	1.7E-5	1.2E-5	5.8E-5	-1.5E-4
427	0.000	-0.040	0.027	-0.064	-0.047	-0.273	0.0E+0	0.0E+0	4.7E-5	1.9E-5	6.8E-5	-1.3E-4
428	0.016	0.005	0.001	-0.022	-0.041	-0.302	0.0E+0	0.0E+0	-2.9E-5	-7.0E-5	1.7E-4	3.8E-5
429	0.029	0.021	-0.004	-0.019	-0.037	-0.305	0.0E+0	0.0E+0	-4.4E-5	-9.3E-5	2.1E-4	4.2E-5
430	0.051	0.027	0.011	-0.028	-0.033	-0.308	0.0E+0	0.0E+0	-5.4E-5	-1.1E-4	2.1E-4	3.7E-5
431	0.072	0.031	0.026	-0.042	-0.029	-0.311	0.0E+0	0.0E+0	-6.3E-5	-1.2E-4	1.8E-4	2.1E-5
432	0.089	0.035	0.041	-0.056	-0.025	-0.314	0.0E+0	0.0E+0	-7.2E-5	-1.3E-4	1.3E-4	2.8E-7
433	0.091	0.029	0.054	-0.069	-0.034	-0.305	0.0E+0	0.0E+0	-6.3E-5	-1.0E-4	5.3E-5	-3.0E-5
434	0.084	0.024	0.053	-0.068	-0.047	-0.292	0.0E+0	0.0E+0	-5.7E-5	-8.7E-5	6.9E-5	-2.8E-5
435	0.077	0.020	0.052	-0.066	-0.059	-0.279	0.0E+0	0.0E+0	-4.9E-5	-7.0E-5	6.9E-5	-3.1E-5
436	0.155	-0.022	0.120	0.014	-0.064	-0.365	0.0E+0	0.0E+0	-6.1E-5	-9.2E-5	5.6E-5	-4.0E-5
437	0.155	-0.033	0.105	0.025	-0.063	-0.353	0.0E+0	0.0E+0	-6.4E-5	-9.8E-5	1.3E-4	-2.0E-5
438	0.155	-0.050	0.090	0.036	-0.062	-0.341	0.0E+0	0.0E+0	-6.5E-5	-9.1E-5	1.8E-4	-3.2E-6
439	0.152	-0.069	0.075	0.047	-0.061	-0.330	0.0E+0	0.0E+0	-6.3E-5	-7.6E-5	2.1E-4	1.2E-5
440	0.149	-0.090	0.065	0.058	-0.061	-0.318	0.0E+0	0.0E+0	-4.1E-5	-6.4E-5	2.2E-4	2.6E-5
441	0.144	-0.111	0.070	0.043	-0.060	-0.306	0.0E+0	0.0E+0	-1.3E-5	-5.1E-5	2.1E-4	3.7E-5
442	0.139	-0.127	0.081	0.028	-0.060	-0.293	0.0E+0	0.0E+0	2.2E-5	-3.8E-5	1.7E-4	4.5E-5
443	0.134	-0.138	0.092	0.012	-0.061	-0.281	0.0E+0	0.0E+0	5.9E-5	-2.0E-5	9.6E-5	4.7E-5
444	0.147	-0.025	0.130	-0.004	-0.078	-0.363	8.2E-5	5.7E-5	-5.5E-5	-7.7E-5	-1.2E-5	-5.7E-5
445	0.142	-0.031	0.125	-0.012	-0.091	-0.349	8.4E-5	5.6E-5	-5.5E-5	-7.8E-5	-1.7E-6	-5.0E-5
446	0.137	-0.037	0.120	-0.019	-0.104	-0.336	8.2E-5	5.5E-5	-5.4E-5	-7.7E-5	5.6E-6	-4.4E-5
447	0.095	0.027	0.068	-0.083	-0.033	-0.306	1.1E-5	-2.1E-5	-5.8E-5	-8.3E-5	1.1E-5	-4.6E-5
448	0.089	0.022	0.067	-0.082	-0.046	-0.292	1.1E-5	-2.2E-5	-5.6E-5	-7.9E-5	2.7E-5	-4.2E-5
449	0.082	0.017	0.066	-0.080	-0.060	-0.279	1.2E-5	-1.9E-5	-5.6E-5	-7.8E-5	3.2E-5	-4.4E-5
450	0.054	-0.095	0.068	-0.072	-0.070	-0.281	1.2E-5	-1.3E-5	0.0E+0	0.0E+0	3.0E-5	7.2E-6
451	0.039	-0.080	0.068	-0.075	-0.067	-0.278	-1.6E-6	-7.0E-6	0.0E+0	0.0E+0	5.4E-5	1.1E-6
452	0.023	-0.065	0.068	-0.081	-0.065	-0.275	1.9E-6	-2.3E-5	0.0E+0	0.0E+0	7.6E-5	-4.8E-6
453	0.008	-0.050	0.069	-0.088	-0.062	-0.271	7.5E-6	-3.9E-5	0.0E+0	0.0E+0	8.0E-5	-4.6E-6
454	-0.007	-0.036	0.069	-0.095	-0.060	-0.267	1.1E-5	-5.2E-5	0.0E+0	0.0E+0	6.5E-5	5.5E-6
455	-0.020	-0.028	0.068	-0.098	-0.058	-0.263	1.0E-5	-6.2E-5	0.0E+0	0.0E+0	2.9E-5	1.3E-5
456	0.078	0.065	0.081	-0.079	-0.032	-0.336	5.8E-6	-3.3E-5	0.0E+0	0.0E+0	-8.8E-5	-1.4E-4
457	0.084	0.055	0.090	-0.065	-0.037	-0.343	1.8E-5	-5.6E-7	0.0E+0	0.0E+0	-9.7E-5	-1.7E-4
458	0.094	0.040	0.100	-0.049	-0.043	-0.350	2.6E-5	1.9E-5	0.0E+0	0.0E+0	-1.0E-4	-1.9E-4
459	0.108	0.025	0.110	-0.031	-0.048	-0.357	4.3E-5	3.5E-5	0.0E+0	0.0E+0	-1.0E-4	-1.9E-4
460	0.123	0.011	0.120	-0.015	-0.054	-0.363	6.1E-5	4.4E-5	0.0E+0	0.0E+0	-9.5E-5	-1.7E-4
461	0.137	-0.004	0.128	-0.003	-0.059	-0.370	7.4E-5	5.2E-5	0.0E+0	0.0E+0	-8.1E-5	-1.1E-4
462	0.080	0.045	0.074	-0.083	-0.040	-0.315	8.7E-6	-2.2E-5	0.0E+0	0.0E+0	-2.9E-5	-6.3E-5
463	0.073	0.040	0.073	-0.082	-0.053	-0.301	1.4E-5	-7.7E-6	0.0E+0	0.0E+0	-2.3E-5	-6.0E-5
464	0.066	0.035	0.072	-0.082	-0.066	-0.287	1.7E-5	2.9E-6	0.0E+0	0.0E+0	-6.8E-6	-5.3E-5
465	0.093	0.041	0.072	-0.085	-0.023	-0.324	8.8E-6	-2.7E-5	0.0E+0	0.0E+0	9.7E-6	-4.6E-5
466	0.071	0.025	0.064	-0.085	-0.095	-0.288	1.1E-5	-7.0E-6	0.0E+0	0.0E+0	4.2E-5	-4.5E-5
467	0.073	-0.086	0.062	-0.063	-0.191	-0.201	1.8E-4	-1.5E-4	0.0E+0	0.0E+0	5.0E-5	-7.1E-5
468	0.092	-0.100	0.072	-0.071	-0.180	-0.210	1.8E-5	-1.7E-5	0.0E+0	0.0E+0	-2.4E-5	-4.2E-5
469	0.108	-0.110	0.073	-0.073	-0.168	-0.222	2.3E-5	-3.6E-5	0.0E+0	0.0E+0	9.0E-5	-7.5E-5
470	0.101	-0.102	0.065	-0.069	-0.168	-0.224	2.7E-5	-4.6E-5	0.0E+0	0.0E+0	2.0E-4	-8.2E-5
471	0.092	-0.093	0.054	-0.064	-0.167	-0.225	4.8E-5	-7.0E-5	0.0E+0	0.0E+0	1.9E-4	-6.1E-5
472	0.082	-0.086	0.048	-0.056	-0.181	-0.210	7.7E-5	-1.0E-4	0.0E+0	0.0E+0	1.5E-4	-7.3E-5
473	0.069	-0.079	0.042	-0.048	-0.191	-0.201	4.6E-5	-8.9E-5	0.0E+0	0.0E+0	9.4E-5	-8.5E-5
474	0.056	-0.064	0.034	-0.040	-0.187	-0.208	3.5E-5	-1.3E-4	0.0E+0	0.0E+0	8.8E-5	-7.4E-5
475	0.043	-0.051	0.029	-0.036	-0.183	-0.215	-1.2E-7	-1.6E-4	0.0E+0	0.0E+0	2.1E-5	-1.5E-6
476	0.068	-0.072	0.036	-0.051	-0.175	-0.217	1.7E-5	-1.0E-4	0.0E+0	0.0E+0	1.1E-4	-4.2E-5
477	0.053	-0.058	0.028	-0.048	-0.172	-0.226	-3.3E-6	-9.8E-5	0.0E+0	0.0E+0	7.3E-5	-2.9E-6
478	0.064	-0.065	0.026	-0.055	-0.160	-0.239	-4.7E-5	-7.4E-5	0.0E+0	0.0E+0	7.6E-5	-1.1E-5
479	0.078	-0.078	0.038	-0.059	-0.163	-0.231	2.1E-5	-7.7E-5	0.0E+0	0.0E+0	1.6E-4	-5.0E-5
480	0.111	-0.119	0.064	-0.064	-0.169	-0.220	0.0E+0	0.0E+0	7.6E-5	-1.7E-4	-4.5E-5	-5.2E-5
481	0.106	-0.123	0.052	-0.052	-0.167	-0.223	0.0E+0	0.0E+0	8.1E-5	-2.0E-4	-5.3E-5	-6.8E-5
482	0.078	-0.095	0.053	-0.054	-0.190	-0.201	0.0E+0	0.0E+0	1.8E-4	-1.7E-4	2.5E-6	-3.6E-5
483	0.094	-0.109	0.059	-0.060	-0.182	-0.208	0.0E+0	0.0E+0	1.4E-4	-2.0E-4	-4.8E-5	-5.6E-5

484	0.089	-0.111	0.048	-0.049	-0.178	-0.210	0.0E+0	0.0E+0	1.8E-4	-1.9E-4	5.1E-6	-6.8E-5
485	0.074	-0.094	0.042	-0.044	-0.190	-0.201	0.0E+0	0.0E+0	2.1E-4	-1.3E-4	1.3E-5	-4.6E-5
486	0.056	-0.055	-0.005	-0.029	-0.141	-0.245	0.0E+0	0.0E+0	1.3E-4	-8.8E-5	4.9E-5	-2.5E-5
487	0.052	-0.053	0.008	-0.042	-0.148	-0.246	0.0E+0	0.0E+0	4.0E-5	-1.4E-4	3.1E-5	2.4E-5
488	0.037	-0.037	0.001	-0.012	-0.161	-0.212	0.0E+0	0.0E+0	7.5E-5	-9.8E-5	3.4E-5	4.3E-6
489	0.046	-0.045	-0.003	-0.021	-0.151	-0.228	0.0E+0	0.0E+0	1.0E-4	-1.2E-4	5.0E-5	-2.1E-5
490	0.043	-0.044	0.010	-0.034	-0.159	-0.232	0.0E+0	0.0E+0	1.3E-4	-9.3E-5	3.3E-5	-1.7E-5
491	0.033	-0.038	0.014	-0.025	-0.171	-0.218	0.0E+0	0.0E+0	3.1E-5	-1.1E-4	5.9E-5	-3.1E-6
492	0.082	-0.065	0.045	-0.043	-0.162	-0.172	1.1E-4	-2.1E-5	0.0E+0	0.0E+0	7.4E-5	-1.0E-4
493	0.091	-0.077	0.058	-0.046	-0.151	-0.180	1.4E-4	-3.7E-5	0.0E+0	0.0E+0	6.8E-5	-1.5E-4
494	0.098	-0.088	0.070	-0.048	-0.136	-0.195	1.2E-4	-4.3E-6	0.0E+0	0.0E+0	6.1E-5	-2.0E-4
495	0.107	-0.097	0.081	-0.052	-0.137	-0.194	9.9E-5	2.2E-5	0.0E+0	0.0E+0	7.9E-5	-2.1E-4
496	0.115	-0.104	0.090	-0.055	-0.138	-0.191	9.2E-5	3.5E-5	0.0E+0	0.0E+0	5.7E-5	-1.1E-4
497	0.104	-0.088	0.083	-0.060	-0.150	-0.180	9.0E-5	4.8E-5	0.0E+0	0.0E+0	6.3E-6	1.3E-6
498	0.089	-0.069	0.067	-0.058	-0.161	-0.171	2.5E-4	-8.4E-5	0.0E+0	0.0E+0	5.9E-5	-8.2E-5
499	0.055	-0.038	0.030	-0.034	-0.152	-0.185	6.8E-5	-9.2E-5	0.0E+0	0.0E+0	-1.2E-5	-3.6E-5
500	0.068	-0.051	0.036	-0.037	-0.157	-0.178	1.0E-4	-5.8E-5	0.0E+0	0.0E+0	6.4E-5	-9.8E-5
501	0.070	-0.060	0.040	-0.041	-0.128	-0.209	2.2E-5	-8.2E-6	0.0E+0	0.0E+0	-3.9E-6	-9.2E-5
502	0.062	-0.049	0.035	-0.040	-0.140	-0.197	6.9E-5	-2.7E-5	0.0E+0	0.0E+0	-9.9E-6	-8.8E-5
503	0.076	-0.063	0.045	-0.041	-0.145	-0.187	8.7E-5	-3.6E-5	0.0E+0	0.0E+0	3.4E-5	-1.1E-4
504	0.084	-0.073	0.052	-0.043	-0.132	-0.201	9.1E-5	-8.2E-6	0.0E+0	0.0E+0	4.6E-5	-1.7E-4
505	0.057	-0.051	0.020	-0.029	-0.122	-0.222	1.2E-5	-3.3E-6	1.5E-4	-4.2E-5	-4.7E-6	-5.3E-5
506	0.058	-0.058	0.008	-0.016	-0.122	-0.227	7.1E-6	-1.1E-5	9.3E-5	-1.4E-4	-4.1E-6	-8.0E-5
507	0.040	-0.031	0.013	-0.024	-0.145	-0.194	9.0E-6	-3.6E-6	1.2E-4	-4.6E-5	-2.2E-5	-7.5E-5
508	0.047	-0.041	0.016	-0.027	-0.134	-0.208	7.6E-6	-1.1E-5	9.9E-5	-1.5E-4	-1.0E-5	-5.5E-5
509	0.048	-0.048	0.003	-0.014	-0.132	-0.210	1.0E-5	-8.2E-6	1.3E-4	-1.1E-4	-4.7E-6	-7.4E-5
510	0.039	-0.038	0.001	-0.011	-0.142	-0.194	8.3E-6	-6.6E-6	1.1E-4	-8.5E-5	-2.0E-5	-5.2E-5
511	0.124	-0.107	0.070	-0.035	-0.147	-0.203	0.0E+0	0.0E+0	2.0E-4	-8.6E-5	4.0E-5	2.3E-5
512	0.122	-0.109	0.081	-0.046	-0.145	-0.194	0.0E+0	0.0E+0	1.7E-4	-8.4E-5	1.8E-5	1.5E-5
513	0.094	-0.075	0.048	-0.038	-0.171	-0.181	0.0E+0	0.0E+0	1.4E-4	-2.1E-4	2.3E-5	-3.1E-5
514	0.111	-0.090	0.059	-0.037	-0.159	-0.191	0.0E+0	0.0E+0	2.0E-4	-1.9E-4	4.5E-5	-2.6E-5
515	0.112	-0.093	0.071	-0.049	-0.157	-0.183	0.0E+0	0.0E+0	2.0E-4	-1.5E-4	2.9E-5	1.8E-5
516	0.096	-0.076	0.058	-0.049	-0.164	-0.177	0.0E+0	0.0E+0	1.7E-4	-1.9E-4	1.2E-5	-2.4E-5
517	0.013	-0.013	0.039	-0.049	-0.147	-0.239	0.0E+0	0.0E+0	1.9E-5	6.8E-6	-1.4E-5	-2.6E-5
518	0.014	-0.012	0.041	-0.046	-0.159	-0.223	0.0E+0	0.0E+0	3.3E-6	-1.5E-5	3.4E-7	-3.9E-5
519	0.011	-0.010	0.041	-0.042	-0.170	-0.209	0.0E+0	0.0E+0	5.4E-5	-5.1E-5	3.2E-5	-6.1E-5
520	0.012	-0.014	0.041	-0.047	-0.146	-0.237	0.0E+0	0.0E+0	-3.2E-6	-8.4E-6	1.6E-5	1.2E-5
521	0.012	-0.014	0.042	-0.045	-0.157	-0.221	0.0E+0	0.0E+0	9.6E-6	-1.1E-5	3.8E-5	6.9E-6
522	0.009	-0.012	0.041	-0.042	-0.168	-0.207	0.0E+0	0.0E+0	5.2E-5	-5.6E-5	7.2E-5	-1.8E-5
523	0.059	-0.077	0.020	-0.020	-0.185	-0.206	0.0E+0	0.0E+0	2.4E-4	-1.0E-4	1.7E-4	-1.3E-4
524	0.073	-0.098	0.024	-0.023	-0.173	-0.216	0.0E+0	0.0E+0	2.3E-4	-2.0E-4	1.3E-4	-1.2E-4
525	0.094	-0.115	0.027	-0.026	-0.162	-0.230	0.0E+0	0.0E+0	1.5E-4	-2.8E-4	1.4E-4	-9.8E-5
526	0.045	-0.060	0.008	-0.008	-0.183	-0.209	0.0E+0	0.0E+0	2.8E-4	-1.4E-4	1.7E-4	-1.5E-4
527	0.061	-0.083	0.010	-0.009	-0.171	-0.219	0.0E+0	0.0E+0	2.4E-4	-2.2E-4	1.6E-4	-1.3E-4
528	0.080	-0.101	0.013	-0.011	-0.160	-0.233	0.0E+0	0.0E+0	1.8E-4	-2.2E-4	1.3E-4	-1.7E-4
529	0.033	-0.046	0.005	-0.005	-0.182	-0.211	0.0E+0	0.0E+0	2.8E-4	-1.6E-4	1.0E-4	-8.5E-5
530	0.049	-0.070	0.004	-0.003	-0.170	-0.221	0.0E+0	0.0E+0	2.6E-4	-2.0E-4	1.0E-4	-1.0E-4
531	0.067	-0.090	0.003	-0.001	-0.158	-0.235	0.0E+0	0.0E+0	2.1E-4	-2.0E-4	9.2E-5	-1.0E-4
532	0.029	-0.041	0.017	-0.017	-0.182	-0.212	0.0E+0	0.0E+0	2.7E-4	-1.5E-4	4.6E-6	9.3E-7
533	0.044	-0.064	0.017	-0.016	-0.169	-0.223	0.0E+0	0.0E+0	2.5E-4	-1.9E-4	1.8E-5	-1.0E-5
534	0.060	-0.084	0.017	-0.015	-0.158	-0.237	0.0E+0	0.0E+0	2.1E-4	-1.8E-4	3.1E-5	-4.4E-5
535	0.034	-0.046	0.030	-0.030	-0.181	-0.214	0.0E+0	0.0E+0	2.5E-4	-1.3E-4	1.0E-4	-9.6E-5
536	0.046	-0.066	0.031	-0.030	-0.169	-0.224	0.0E+0	0.0E+0	2.2E-4	-1.5E-4	6.3E-5	-5.9E-5
537	0.059	-0.084	0.032	-0.029	-0.157	-0.238	0.0E+0	0.0E+0	1.9E-4	-1.4E-4	3.0E-5	-3.3E-5
538	0.064	-0.089	0.046	-0.044	-0.158	-0.238	0.0E+0	0.0E+0	1.4E-4	-7.8E-5	7.2E-5	-6.9E-5
539	0.071	-0.096	0.061	-0.058	-0.159	-0.238	0.0E+0	0.0E+0	8.6E-5	-2.1E-5	6.7E-5	-5.7E-5
540	0.047	-0.058	0.043	-0.042	-0.182	-0.214	0.0E+0	0.0E+0	2.1E-4	-9.6E-5	1.6E-4	-1.5E-4
541	0.056	-0.075	0.045	-0.043	-0.170	-0.225	0.0E+0	0.0E+0	1.9E-4	-1.0E-4	1.3E-4	-1.2E-4
542	0.069	-0.087	0.060	-0.058	-0.171	-0.224	0.0E+0	0.0E+0	1.1E-4	-3.4E-5	1.2E-4	-1.1E-4
543	0.064	-0.075	0.056	-0.055	-0.183	-0.214	0.0E+0	0.0E+0	1.7E-4	-6.6E-5	1.9E-4	-1.8E-4
544	0.000	-0.001	0.029	-0.036	-0.145	-0.236	-2.1E-5	-3.4E-5	0.0E+0	0.0E+0	-1.6E-5	-1.8E-5
545	0.000	0.000	0.031	-0.034	-0.156	-0.222	-1.1E-5	-3.3E-5	0.0E+0	0.0E+0	-6.3E-6	-6.6E-6
546	0.000	0.000	0.030	-0.031	-0.168	-0.209	3.3E-5	-4.8E-5	0.0E+0	0.0E+0	3.6E-6	2.8E-6
547	0.007	-0.011	0.029	-0.029	-0.161	-0.189	0.0E+0	0.0E+0	1.2E-4	-9.2E-5	4.8E-5	-4.6E-5
548	-0.003	-0.005	0.030	-0.036	-0.149	-0.200	0.0E+0	0.0E+0	1.5E-4	-8.1E-5	1.1E-4	-1.3E-4
549	0.001	-0.015	0.031	-0.042	-0.137	-0.214	0.0E+0	0.0E+0	9.0E-5	-2.0E-5	9.9E-5	-1.3E-4
550	0.010	-0.014	0.016	-0.017	-0.162	-0.194	0.0E+0	0.0E+0	6.8E-5	-4.5E-5	1.2E-5	-2.3E-5
551	0.003	-0.010	0.017	-0.023	-0.150	-0.206	0.0E+0	0.0E+0	9.2E-5	-4.5E-5	3.9E-5	-5.4E-5
552	-0.005	-0.007	0.017	-0.028	-0.138	-0.220	0.0E+0	0.0E+0	9.2E-5	-3.0E-5	6.9E-5	-9.7E-5
553	0.012	-0.014	0.004	-0.005	-0.163	-0.199	0.0E+0	0.0E+0	3.3E-5	-1.2E-5	-5.3E-6	-7.7E-6
554	0.008	-0.013	0.004	-0.010	-0.151	-0.212	0.0E+0	0.0E+0	5.5E-5	-1.6E-5	1.6E-5	-3.5E-5
555	0.003	-0.012	0.003	-0.014	-0.139	-0.225	0.0E+0	0.0E+0	5.9E-5	-1.0E-5	3.7E-5	-6.4E-5

RELAZIONE DI CALCOLO -

556	0.008	-0.014	0.000	-0.011	-0.141	-0.230	0.0E+0	0.0E+0	3.8E-5	-3.6E-6	2.0E-5	-4.6E-5
557	0.011	-0.015	0.014	-0.024	-0.143	-0.234	0.0E+0	0.0E+0	1.7E-5	-5.2E-7	-1.7E-6	-2.4E-5
558	0.012	-0.013	0.007	-0.008	-0.165	-0.204	0.0E+0	0.0E+0	1.1E-5	1.0E-5	1.2E-6	-1.4E-5
559	0.011	-0.014	0.003	-0.009	-0.152	-0.216	0.0E+0	0.0E+0	2.1E-5	1.1E-5	1.4E-5	-2.8E-5
560	0.013	-0.015	0.017	-0.022	-0.154	-0.220	0.0E+0	0.0E+0	1.4E-5	4.7E-6	4.7E-6	-1.3E-5
561	0.013	-0.013	0.019	-0.020	-0.167	-0.207	0.0E+0	0.0E+0	3.7E-5	-1.3E-5	2.1E-5	-2.1E-5
562	0.014	-0.012	0.018	-0.020	-0.168	-0.208	0.0E+0	0.0E+0	2.0E-5	-2.8E-5	2.8E-5	-1.5E-5
563	0.015	-0.013	0.017	-0.021	-0.156	-0.221	0.0E+0	0.0E+0	7.9E-6	-5.5E-6	2.5E-5	4.2E-6
564	0.014	-0.012	0.016	-0.022	-0.144	-0.235	0.0E+0	0.0E+0	1.4E-5	-8.6E-6	3.5E-5	9.3E-6
565	0.014	-0.011	0.006	-0.008	-0.168	-0.207	0.0E+0	0.0E+0	-1.1E-5	-1.4E-5	1.6E-5	1.4E-6
566	0.015	-0.009	0.004	-0.008	-0.155	-0.219	0.0E+0	0.0E+0	-3.0E-6	-1.8E-5	4.2E-5	-8.6E-7
567	0.014	-0.007	0.001	-0.009	-0.143	-0.233	0.0E+0	0.0E+0	1.4E-5	-3.3E-5	6.8E-5	3.1E-7
568	0.015	-0.010	0.004	-0.006	-0.168	-0.204	0.0E+0	0.0E+0	-3.6E-6	-5.2E-5	1.0E-5	7.3E-6
569	0.015	-0.005	0.004	-0.009	-0.155	-0.217	0.0E+0	0.0E+0	1.3E-5	-6.3E-5	5.0E-5	-8.9E-7
570	0.014	0.000	0.005	-0.012	-0.144	-0.230	0.0E+0	0.0E+0	1.2E-5	-6.5E-5	9.1E-5	-9.7E-6
571	0.012	0.010	0.019	-0.026	-0.144	-0.227	0.0E+0	0.0E+0	2.2E-5	-1.1E-4	1.2E-4	-4.1E-5
572	0.023	0.006	0.033	-0.040	-0.145	-0.222	0.0E+0	0.0E+0	-1.8E-6	-1.2E-4	1.4E-4	-7.7E-5
573	0.015	-0.009	0.016	-0.018	-0.168	-0.201	0.0E+0	0.0E+0	1.4E-5	-1.0E-4	2.5E-5	-7.8E-6
574	0.014	0.001	0.017	-0.022	-0.156	-0.213	0.0E+0	0.0E+0	2.8E-5	-1.1E-4	7.1E-5	-2.1E-5
575	0.010	0.008	0.031	-0.035	-0.157	-0.208	0.0E+0	0.0E+0	5.9E-5	-1.7E-4	1.4E-4	-9.9E-5
576	0.013	-0.005	0.028	-0.030	-0.169	-0.197	0.0E+0	0.0E+0	5.0E-5	-1.7E-4	5.6E-5	-3.6E-5
577	0.077	-0.062	0.061	-0.050	-0.216	-0.247	0.0E+0	0.0E+0	2.8E-5	-2.1E-4	1.9E-4	-1.8E-4
578	0.093	-0.064	0.071	-0.046	-0.204	-0.257	0.0E+0	0.0E+0	-2.5E-6	-1.5E-4	1.1E-4	-1.1E-4
579	0.105	-0.063	0.078	-0.041	-0.192	-0.272	0.0E+0	0.0E+0	-1.7E-5	-1.3E-4	6.7E-5	-5.7E-5
580	0.060	-0.046	0.048	-0.037	-0.208	-0.240	0.0E+0	0.0E+0	6.6E-5	-2.4E-4	1.6E-4	-1.5E-4
581	0.080	-0.052	0.056	-0.032	-0.196	-0.251	0.0E+0	0.0E+0	7.2E-5	-2.2E-4	1.3E-4	-1.2E-4
582	0.097	-0.057	0.063	-0.026	-0.184	-0.265	0.0E+0	0.0E+0	4.3E-5	-1.7E-4	8.5E-5	-5.4E-5
583	0.047	-0.034	0.035	-0.024	-0.201	-0.233	0.0E+0	0.0E+0	1.1E-4	-2.7E-4	1.0E-4	-9.4E-5
584	0.070	-0.044	0.042	-0.018	-0.189	-0.244	0.0E+0	0.0E+0	1.2E-4	-2.5E-4	7.3E-5	-4.7E-5
585	0.090	-0.054	0.049	-0.012	-0.177	-0.258	0.0E+0	0.0E+0	1.1E-4	-2.1E-4	5.3E-5	-6.5E-6
586	0.042	-0.029	0.023	-0.012	-0.194	-0.225	0.0E+0	0.0E+0	1.4E-4	-2.9E-4	8.1E-6	2.7E-6
587	0.066	-0.043	0.028	-0.005	-0.182	-0.236	0.0E+0	0.0E+0	1.7E-4	-2.7E-4	2.8E-5	-2.6E-6
588	0.088	-0.057	0.034	0.002	-0.170	-0.250	0.0E+0	0.0E+0	1.6E-4	-2.3E-4	7.0E-5	-9.8E-6
589	0.046	-0.034	0.010	0.000	-0.188	-0.217	0.0E+0	0.0E+0	1.6E-4	-2.9E-4	9.4E-5	-9.6E-5
590	0.071	-0.050	0.015	0.008	-0.176	-0.227	0.0E+0	0.0E+0	2.0E-4	-2.7E-4	1.2E-4	-8.8E-5
591	0.092	-0.067	0.020	0.016	-0.165	-0.241	0.0E+0	0.0E+0	1.9E-4	-2.2E-4	1.2E-4	-7.2E-5
592	0.102	-0.082	0.030	0.006	-0.159	-0.232	0.0E+0	0.0E+0	2.2E-4	-1.9E-4	1.8E-4	-1.2E-4
593	0.114	-0.097	0.044	-0.009	-0.154	-0.222	0.0E+0	0.0E+0	2.8E-4	-1.6E-4	1.0E-4	-1.4E-4
594	0.059	-0.047	0.013	-0.003	-0.183	-0.208	0.0E+0	0.0E+0	1.5E-4	-2.8E-4	1.5E-4	-1.7E-4
595	0.083	-0.063	0.022	0.002	-0.171	-0.218	0.0E+0	0.0E+0	2.2E-4	-2.5E-4	1.4E-4	-1.5E-4
596	0.097	-0.075	0.035	-0.012	-0.166	-0.208	0.0E+0	0.0E+0	2.1E-4	-2.3E-4	1.2E-4	-1.3E-4
597	0.076	-0.061	0.025	-0.015	-0.178	-0.198	0.0E+0	0.0E+0	1.1E-4	-2.4E-4	1.3E-4	-1.7E-4
598	0.047	-0.056	0.052	-0.051	-0.170	-0.208	1.3E-4	-1.3E-4	0.0E+0	0.0E+0	1.3E-4	-1.2E-4
599	0.047	-0.065	0.062	-0.061	-0.158	-0.223	8.5E-5	-8.8E-5	0.0E+0	0.0E+0	1.1E-4	-1.0E-4
600	0.048	-0.072	0.068	-0.067	-0.147	-0.238	3.1E-5	-3.9E-5	0.0E+0	0.0E+0	7.4E-5	-5.3E-5
601	0.037	-0.059	0.061	-0.063	-0.145	-0.235	5.5E-5	-7.5E-5	0.0E+0	0.0E+0	7.8E-5	-4.6E-5
602	0.026	-0.047	0.056	-0.061	-0.140	-0.230	8.5E-5	-1.2E-4	0.0E+0	0.0E+0	2.3E-5	8.4E-6
603	0.033	-0.046	0.045	-0.047	-0.152	-0.214	1.4E-4	-1.7E-4	0.0E+0	0.0E+0	3.1E-5	-1.6E-5
604	0.037	-0.044	0.033	-0.033	-0.166	-0.200	1.2E-4	-1.4E-4	0.0E+0	0.0E+0	2.6E-5	-2.3E-5
605	0.061	-0.071	0.064	-0.063	-0.177	-0.211	1.1E-4	-1.0E-4	0.0E+0	0.0E+0	1.5E-4	-1.4E-4
606	0.061	-0.079	0.071	-0.070	-0.166	-0.222	4.7E-5	-4.4E-5	0.0E+0	0.0E+0	8.2E-5	-7.4E-5
607	0.061	-0.085	0.074	-0.072	-0.154	-0.236	1.2E-5	-1.0E-5	0.0E+0	0.0E+0	5.5E-5	-4.2E-5
608	0.026	-0.032	0.035	-0.035	-0.163	-0.197	1.4E-4	-1.7E-4	0.0E+0	0.0E+0	3.8E-5	-3.8E-5
609	0.015	-0.022	0.039	-0.039	-0.162	-0.194	1.2E-4	-1.6E-4	0.0E+0	0.0E+0	8.1E-5	-8.2E-5
610	0.005	-0.012	0.046	-0.046	-0.162	-0.189	9.4E-5	-1.5E-4	0.0E+0	0.0E+0	1.0E-4	-1.0E-4
611	-0.001	-0.011	0.054	-0.058	-0.150	-0.200	7.3E-5	-1.3E-4	0.0E+0	0.0E+0	7.6E-5	-6.7E-5
612	-0.007	-0.012	0.059	-0.069	-0.138	-0.214	4.4E-5	-1.1E-4	0.0E+0	0.0E+0	5.7E-5	-3.7E-5
613	0.021	-0.034	0.046	-0.049	-0.151	-0.210	1.1E-4	-1.5E-4	0.0E+0	0.0E+0	4.2E-5	-2.8E-5
614	0.010	-0.023	0.049	-0.053	-0.150	-0.205	9.9E-5	-1.5E-4	0.0E+0	0.0E+0	6.6E-5	-5.5E-5
615	0.004	-0.024	0.056	-0.065	-0.139	-0.219	6.6E-5	-1.2E-4	0.0E+0	0.0E+0	5.5E-5	-3.1E-5
616	0.016	-0.035	0.055	-0.061	-0.140	-0.224	8.5E-5	-1.3E-4	0.0E+0	0.0E+0	4.1E-5	-1.5E-5
617	0.009	-0.027	0.060	-0.072	-0.138	-0.203	7.3E-6	-8.3E-5	0.0E+0	0.0E+0	2.1E-5	-2.1E-5
618	0.009	-0.021	0.060	-0.065	-0.151	-0.189	6.0E-6	-7.1E-5	0.0E+0	0.0E+0	7.1E-6	-5.5E-6
619	0.007	-0.013	0.057	-0.056	-0.163	-0.181	7.6E-5	-1.4E-4	0.0E+0	0.0E+0	4.6E-5	-3.9E-5
620	0.048	-0.037	0.037	-0.029	-0.195	-0.228	1.6E-4	-9.3E-5	0.0E+0	0.0E+0	2.9E-6	-2.8E-5
621	0.054	-0.029	0.053	-0.040	-0.182	-0.243	1.8E-4	-1.3E-4	0.0E+0	0.0E+0	-1.1E-5	-4.6E-5
622	0.059	-0.018	0.068	-0.049	-0.171	-0.259	1.3E-4	-7.3E-5	0.0E+0	0.0E+0	-3.9E-5	-6.0E-5
623	0.072	-0.029	0.076	-0.048	-0.177	-0.267	9.7E-5	-1.2E-5	0.0E+0	0.0E+0	1.7E-5	-1.1E-4
624	0.084	-0.040	0.085	-0.051	-0.181	-0.272	8.3E-5	2.8E-5	0.0E+0	0.0E+0	3.8E-5	-9.0E-5
625	0.073	-0.043	0.075	-0.052	-0.191	-0.256	1.4E-4	-1.5E-5	0.0E+0	0.0E+0	9.2E-5	-1.2E-4
626	0.061	-0.046	0.059	-0.048	-0.203	-0.241	2.0E-4	-6.6E-5	0.0E+0	0.0E+0	1.2E-4	-1.3E-4
627	0.022	0.015	0.063	-0.064	-0.158	-0.233	6.2E-5	-8.9E-5	0.0E+0	0.0E+0	1.8E-5	-7.9E-5

RELAZIONE DI CALCOLO -

628	0.017	0.005	0.056	-0.055	-0.170	-0.219	9.5E-5	-1.1E-4	0.0E+0	0.0E+0	5.3E-5	-9.1E-5
629	0.014	-0.004	0.047	-0.045	-0.181	-0.209	1.2E-4	-1.2E-4	0.0E+0	0.0E+0	9.4E-5	-1.1E-4
630	0.024	-0.014	0.040	-0.037	-0.185	-0.216	1.5E-4	-1.3E-4	0.0E+0	0.0E+0	7.0E-5	-8.9E-5
631	0.035	-0.025	0.037	-0.032	-0.189	-0.222	1.7E-4	-1.3E-4	0.0E+0	0.0E+0	2.0E-5	-4.3E-5
632	0.034	0.003	0.062	-0.058	-0.162	-0.241	9.1E-5	-9.4E-5	0.0E+0	0.0E+0	5.3E-6	-7.8E-5
633	0.029	-0.006	0.053	-0.048	-0.174	-0.227	1.3E-4	-1.2E-4	0.0E+0	0.0E+0	3.6E-5	-8.1E-5
634	0.041	-0.017	0.052	-0.043	-0.178	-0.235	1.5E-4	-1.2E-4	0.0E+0	0.0E+0	4.2E-6	-5.7E-5
635	0.046	-0.008	0.063	-0.052	-0.167	-0.249	1.2E-4	-9.3E-5	0.0E+0	0.0E+0	-1.7E-5	-6.5E-5
636	0.078	-0.030	0.082	-0.049	-0.173	-0.274	9.0E-5	3.1E-6	0.0E+0	0.0E+0	8.1E-6	-1.0E-4
637	0.083	-0.035	0.086	-0.049	-0.175	-0.276	8.4E-5	2.2E-5	0.0E+0	0.0E+0	2.1E-5	-9.7E-5
638	0.074	-0.059	0.070	-0.058	-0.214	-0.247	1.7E-4	-3.0E-5	0.0E+0	0.0E+0	1.3E-4	-1.5E-4
639	0.086	-0.056	0.083	-0.059	-0.203	-0.259	1.1E-4	2.8E-5	0.0E+0	0.0E+0	6.1E-5	-8.1E-5
640	0.096	-0.053	0.091	-0.055	-0.191	-0.274	7.7E-5	5.8E-5	0.0E+0	0.0E+0	3.0E-5	-5.9E-5
641	0.036	0.000	0.063	-0.069	-0.151	-0.217	1.2E-5	-6.7E-5	0.0E+0	0.0E+0	9.4E-6	-2.8E-5
642	0.026	-0.003	0.061	-0.064	-0.164	-0.203	2.1E-5	-5.6E-5	0.0E+0	0.0E+0	-5.1E-6	-1.5E-5
643	0.014	-0.005	0.056	-0.056	-0.177	-0.194	9.5E-5	-1.3E-4	0.0E+0	0.0E+0	3.5E-5	-5.0E-5
644	0.119	-0.116	0.080	-0.078	-0.145	-0.248	5.0E-5	-2.3E-5	0.0E+0	0.0E+0	2.4E-5	-5.0E-5
645	0.125	-0.120	0.083	-0.080	-0.132	-0.263	1.9E-5	-2.5E-5	0.0E+0	0.0E+0	4.6E-6	-3.3E-5
646	0.130	-0.123	0.084	-0.082	-0.119	-0.278	1.2E-5	-2.1E-5	0.0E+0	0.0E+0	5.8E-5	-1.7E-5
647	0.123	-0.115	0.078	-0.081	-0.117	-0.281	2.5E-5	-2.7E-5	0.0E+0	0.0E+0	1.6E-4	-2.0E-5
648	0.115	-0.107	0.068	-0.080	-0.115	-0.284	6.1E-5	-3.4E-5	0.0E+0	0.0E+0	1.8E-4	-2.0E-5
649	0.110	-0.104	0.062	-0.077	-0.128	-0.269	6.5E-5	-4.0E-5	0.0E+0	0.0E+0	1.9E-4	-2.8E-5
650	0.105	-0.101	0.059	-0.073	-0.142	-0.253	2.3E-5	-4.5E-5	0.0E+0	0.0E+0	1.8E-4	-3.3E-5
651	0.092	-0.087	0.042	-0.070	-0.139	-0.259	4.1E-5	-5.1E-5	0.0E+0	0.0E+0	1.9E-4	-3.2E-5
652	0.079	-0.073	0.028	-0.068	-0.135	-0.265	4.3E-5	-9.6E-5	0.0E+0	0.0E+0	9.3E-5	-7.5E-7
653	0.096	-0.090	0.046	-0.074	-0.126	-0.273	5.5E-5	-5.0E-5	0.0E+0	0.0E+0	1.6E-4	-2.0E-5
654	0.082	-0.076	0.033	-0.073	-0.124	-0.277	7.5E-5	-3.2E-5	0.0E+0	0.0E+0	1.0E-4	8.5E-7
655	0.085	-0.079	0.038	-0.076	-0.113	-0.289	3.4E-5	-5.2E-5	0.0E+0	0.0E+0	1.0E-4	-5.8E-6
656	0.100	-0.092	0.050	-0.077	-0.115	-0.284	7.1E-5	-3.7E-5	0.0E+0	0.0E+0	1.7E-4	-1.9E-5
657	0.133	-0.130	0.074	-0.071	-0.122	-0.274	0.0E+0	0.0E+0	1.7E-5	-5.0E-5	-1.8E-5	-6.4E-5
658	0.126	-0.132	0.062	-0.059	-0.122	-0.275	0.0E+0	0.0E+0	-8.2E-6	-1.4E-5	-4.7E-5	-8.9E-5
659	0.127	-0.126	0.070	-0.068	-0.145	-0.248	0.0E+0	0.0E+0	3.0E-5	-3.7E-5	2.4E-5	-4.2E-5
660	0.130	-0.128	0.072	-0.069	-0.133	-0.261	0.0E+0	0.0E+0	2.9E-5	-3.0E-5	-1.2E-5	-3.5E-5
661	0.129	-0.130	0.060	-0.058	-0.133	-0.263	0.0E+0	0.0E+0	6.9E-5	5.8E-5	-1.3E-5	-2.7E-5
662	0.130	-0.127	0.058	-0.056	-0.144	-0.250	0.0E+0	0.0E+0	1.3E-5	-5.4E-5	5.5E-5	-1.8E-6
663	0.068	-0.066	0.006	-0.050	-0.102	-0.303	0.0E+0	0.0E+0	1.5E-5	-9.6E-6	-4.2E-6	-6.5E-6
664	0.069	-0.066	0.019	-0.063	-0.106	-0.298	0.0E+0	0.0E+0	-4.5E-5	-7.8E-5	-4.0E-6	-2.7E-5
665	0.065	-0.065	-0.002	-0.041	-0.122	-0.276	0.0E+0	0.0E+0	1.9E-5	-7.2E-6	-1.6E-5	-4.9E-5
666	0.067	-0.066	0.001	-0.045	-0.112	-0.290	0.0E+0	0.0E+0	-6.7E-6	-3.0E-5	-1.8E-5	-2.5E-5
667	0.068	-0.064	0.014	-0.059	-0.117	-0.286	0.0E+0	0.0E+0	8.5E-5	4.2E-5	-1.7E-5	-2.6E-5
668	0.066	-0.061	0.011	-0.054	-0.127	-0.273	0.0E+0	0.0E+0	-2.7E-5	-1.2E-4	-6.9E-6	-4.5E-5
669	0.107	-0.102	0.086	-0.045	-0.111	-0.223	9.7E-5	2.7E-5	0.0E+0	0.0E+0	3.5E-5	-1.9E-4
670	0.111	-0.107	0.096	-0.042	-0.096	-0.238	1.3E-4	2.7E-5	0.0E+0	0.0E+0	3.4E-5	-2.1E-4
671	0.114	-0.112	0.109	-0.040	-0.083	-0.252	1.3E-4	3.2E-5	0.0E+0	0.0E+0	3.1E-5	-2.2E-4
672	0.122	-0.120	0.120	-0.041	-0.085	-0.249	1.1E-4	4.3E-5	0.0E+0	0.0E+0	2.8E-5	-1.9E-4
673	0.130	-0.128	0.127	-0.042	-0.088	-0.245	9.8E-5	5.0E-5	0.0E+0	0.0E+0	-9.1E-6	-6.8E-5
674	0.126	-0.122	0.119	-0.046	-0.101	-0.231	9.8E-5	4.6E-5	0.0E+0	0.0E+0	-8.2E-6	-2.7E-5
675	0.122	-0.116	0.108	-0.050	-0.114	-0.217	1.2E-4	3.9E-5	0.0E+0	0.0E+0	1.1E-5	-5.2E-5
676	0.080	-0.075	0.053	-0.041	-0.103	-0.235	1.0E-4	-3.0E-5	0.0E+0	0.0E+0	-1.4E-5	-1.1E-4
677	0.093	-0.088	0.068	-0.042	-0.107	-0.229	1.1E-4	2.3E-5	0.0E+0	0.0E+0	2.9E-5	-2.0E-4
678	0.086	-0.083	0.072	-0.037	-0.081	-0.258	9.1E-5	2.1E-5	0.0E+0	0.0E+0	-1.3E-5	-1.3E-4
679	0.083	-0.079	0.063	-0.040	-0.092	-0.247	1.4E-4	4.9E-5	0.0E+0	0.0E+0	-1.5E-5	-1.3E-4
680	0.097	-0.093	0.077	-0.040	-0.095	-0.241	1.2E-4	2.3E-5	0.0E+0	0.0E+0	1.9E-5	-1.8E-4
681	0.100	-0.097	0.087	-0.038	-0.083	-0.253	1.3E-4	3.5E-5	0.0E+0	0.0E+0	2.7E-5	-1.9E-4
682	0.071	-0.070	0.050	-0.027	-0.080	-0.273	8.0E-6	5.4E-6	1.0E-4	7.0E-5	1.8E-5	-2.5E-5
683	0.071	-0.071	0.037	-0.014	-0.082	-0.283	-4.5E-7	-2.3E-6	-5.9E-6	-3.0E-5	-7.3E-6	-1.9E-5
684	0.067	-0.066	0.033	-0.030	-0.101	-0.249	9.9E-6	1.9E-6	1.3E-4	2.5E-5	1.6E-5	-1.4E-5
685	0.070	-0.069	0.041	-0.029	-0.090	-0.261	-2.6E-6	-7.2E-6	-3.4E-5	-9.4E-5	-2.4E-6	-4.4E-6
686	0.070	-0.070	0.028	-0.016	-0.092	-0.270	3.5E-6	1.2E-6	4.5E-5	1.6E-5	1.8E-6	-1.6E-6
687	0.070	-0.068	0.021	-0.016	-0.102	-0.257	1.2E-6	-2.1E-6	1.5E-5	-2.7E-5	2.8E-5	-1.8E-6
688	0.132	-0.128	0.103	-0.020	-0.102	-0.255	0.0E+0	0.0E+0	5.2E-7	-1.7E-5	4.6E-5	-8.8E-6
689	0.134	-0.132	0.115	-0.031	-0.097	-0.247	0.0E+0	0.0E+0	2.5E-5	-2.9E-5	4.7E-5	-3.4E-5
690	0.128	-0.131	0.087	-0.028	-0.124	-0.229	0.0E+0	0.0E+0	6.2E-5	-1.0E-5	-2.1E-5	-7.3E-5
691	0.131	-0.131	0.095	-0.024	-0.113	-0.242	0.0E+0	0.0E+0	-3.9E-5	-5.4E-5	-6.3E-6	-1.1E-5
692	0.132	-0.130	0.107	-0.035	-0.108	-0.235	0.0E+0	0.0E+0	3.0E-5	-3.2E-5	-1.3E-5	-2.0E-5
693	0.129	-0.127	0.099	-0.039	-0.121	-0.221	0.0E+0	0.0E+0	5.0E-5	-2.6E-5	5.2E-6	-5.1E-5
694	0.014	-0.014	0.023	-0.056	-0.103	-0.293	0.0E+0	0.0E+0	2.9E-5	1.2E-5	-7.2E-6	-1.9E-5
695	0.014	-0.014	0.027	-0.055	-0.114	-0.280	0.0E+0	0.0E+0	-1.1E-5	-2.2E-5	-1.3E-6	-1.4E-5
696	0.013	-0.014	0.031	-0.053	-0.125	-0.268	0.0E+0	0.0E+0	3.9E-6	-1.3E-5	1.4E-5	-3.8E-6
697	0.012	-0.015	0.030	-0.048	-0.101	-0.292	0.0E+0	0.0E+0	1.1E-5	3.2E-6	6.1E-6	-5.2E-6
698	0.013	-0.015	0.033	-0.048	-0.112	-0.279	0.0E+0	0.0E+0	1.7E-5	8.7E-6	-9.3E-7	-1.0E-5
699	0.013	-0.014	0.035	-0.048	-0.123	-0.266	0.0E+0	0.0E+0	3.1E-6	-5.7E-6	-1.0E-5	-1.5E-5

RELAZIONE DI CALCOLO -

700	0.123	-0.127	0.032	-0.029	-0.140	-0.256	0.0E+0	0.0E+0	1.9E-5	-4.7E-5	1.2E-5	-1.4E-4
701	0.123	-0.130	0.034	-0.031	-0.129	-0.268	0.0E+0	0.0E+0	5.9E-5	3.9E-5	2.3E-5	-6.4E-5
702	0.123	-0.133	0.036	-0.032	-0.118	-0.280	0.0E+0	0.0E+0	-7.2E-7	-4.9E-5	3.8E-5	1.6E-5
703	0.108	-0.123	0.017	-0.014	-0.138	-0.259	0.0E+0	0.0E+0	7.9E-5	-1.1E-4	8.0E-5	-1.5E-4
704	0.115	-0.127	0.019	-0.015	-0.127	-0.271	0.0E+0	0.0E+0	3.8E-5	-6.7E-5	4.6E-5	-1.1E-4
705	0.119	-0.130	0.020	-0.017	-0.116	-0.283	0.0E+0	0.0E+0	3.0E-5	-4.9E-5	2.5E-5	-9.4E-5
706	0.095	-0.115	0.003	0.001	-0.136	-0.261	0.0E+0	0.0E+0	1.0E-4	-1.3E-4	6.2E-5	-1.2E-4
707	0.103	-0.122	0.004	0.000	-0.125	-0.273	0.0E+0	0.0E+0	7.0E-5	-9.2E-5	5.1E-5	-1.2E-4
708	0.109	-0.127	0.005	-0.001	-0.115	-0.285	0.0E+0	0.0E+0	4.5E-5	-7.0E-5	3.5E-5	-1.1E-4
709	0.084	-0.110	0.016	-0.013	-0.135	-0.263	0.0E+0	0.0E+0	1.1E-4	-1.2E-4	4.0E-5	-8.9E-5
710	0.092	-0.118	0.015	-0.011	-0.124	-0.275	0.0E+0	0.0E+0	8.0E-5	-8.9E-5	3.8E-5	-9.8E-5
711	0.098	-0.123	0.014	-0.010	-0.113	-0.287	0.0E+0	0.0E+0	5.8E-5	-7.2E-5	3.5E-5	-1.1E-4
712	0.077	-0.108	0.031	-0.028	-0.134	-0.264	0.0E+0	0.0E+0	1.0E-4	-8.6E-5	1.3E-5	-4.7E-5
713	0.083	-0.115	0.030	-0.026	-0.124	-0.276	0.0E+0	0.0E+0	7.6E-5	-6.7E-5	2.5E-5	-7.8E-5
714	0.088	-0.120	0.029	-0.025	-0.112	-0.288	0.0E+0	0.0E+0	5.8E-5	-5.3E-5	3.1E-5	-9.8E-5
715	0.079	-0.117	0.045	-0.040	-0.112	-0.289	0.0E+0	0.0E+0	5.0E-5	-2.4E-5	2.9E-5	-8.4E-5
716	0.072	-0.114	0.060	-0.055	-0.112	-0.290	0.0E+0	0.0E+0	3.8E-5	1.2E-5	2.9E-5	-6.3E-5
717	0.074	-0.107	0.046	-0.042	-0.134	-0.264	0.0E+0	0.0E+0	8.0E-5	-4.2E-5	-1.2E-6	-2.0E-5
718	0.077	-0.112	0.045	-0.041	-0.123	-0.277	0.0E+0	0.0E+0	6.1E-5	-2.9E-5	1.7E-5	-5.4E-5
719	0.072	-0.111	0.061	-0.056	-0.123	-0.277	0.0E+0	0.0E+0	4.4E-5	9.6E-6	1.7E-5	-3.5E-5
720	0.073	-0.107	0.061	-0.057	-0.135	-0.265	0.0E+0	0.0E+0	5.1E-5	3.0E-6	5.6E-7	-4.4E-6
721	-0.001	-0.002	0.017	-0.041	-0.100	-0.288	-9.2E-6	-4.3E-5	0.0E+0	0.0E+0	-6.0E-5	-6.3E-5
722	-0.001	-0.001	0.020	-0.040	-0.111	-0.276	-9.8E-6	-3.9E-5	0.0E+0	0.0E+0	-4.5E-5	-4.6E-5
723	-0.001	-0.001	0.023	-0.039	-0.122	-0.264	-1.2E-5	-4.0E-5	0.0E+0	0.0E+0	-3.6E-5	-3.8E-5
724	0.002	-0.028	0.029	-0.052	-0.114	-0.240	0.0E+0	0.0E+0	6.2E-5	1.3E-5	8.0E-5	-1.2E-4
725	0.000	-0.032	0.027	-0.056	-0.103	-0.252	0.0E+0	0.0E+0	5.4E-5	2.0E-5	7.5E-5	-1.2E-4
726	-0.001	-0.037	0.026	-0.060	-0.092	-0.265	0.0E+0	0.0E+0	5.7E-5	2.5E-5	6.9E-5	-1.2E-4
727	-0.005	-0.017	0.015	-0.038	-0.115	-0.246	0.0E+0	0.0E+0	6.0E-5	6.4E-6	6.8E-5	-1.1E-4
728	-0.006	-0.021	0.013	-0.042	-0.104	-0.257	0.0E+0	0.0E+0	5.4E-5	1.4E-5	6.3E-5	-1.2E-4
729	-0.007	-0.025	0.012	-0.045	-0.093	-0.269	0.0E+0	0.0E+0	4.5E-5	1.6E-5	5.7E-5	-1.3E-4
730	-0.007	-0.011	0.000	-0.023	-0.116	-0.251	0.0E+0	0.0E+0	5.0E-5	4.4E-6	4.8E-5	-1.0E-4
731	-0.010	-0.012	-0.001	-0.027	-0.105	-0.262	0.0E+0	0.0E+0	4.2E-5	8.5E-6	4.7E-5	-1.1E-4
732	-0.012	-0.014	-0.003	-0.031	-0.094	-0.274	0.0E+0	0.0E+0	3.3E-5	9.8E-6	4.2E-5	-1.2E-4
733	-0.003	-0.015	-0.017	-0.018	-0.096	-0.279	0.0E+0	0.0E+0	2.2E-5	5.1E-6	2.6E-5	-1.0E-4
734	0.006	-0.017	-0.002	-0.031	-0.098	-0.284	0.0E+0	0.0E+0	1.3E-5	5.4E-6	2.2E-6	-8.2E-5
735	0.002	-0.014	-0.009	-0.014	-0.118	-0.255	0.0E+0	0.0E+0	3.4E-5	3.7E-6	2.6E-5	-8.2E-5
736	0.000	-0.015	-0.013	-0.016	-0.107	-0.267	0.0E+0	0.0E+0	3.0E-5	6.7E-6	2.6E-5	-9.6E-5
737	0.007	-0.016	0.002	-0.029	-0.109	-0.272	0.0E+0	0.0E+0	1.5E-5	6.5E-6	1.9E-6	-7.0E-5
738	0.009	-0.016	0.006	-0.028	-0.120	-0.260	0.0E+0	0.0E+0	1.7E-5	3.6E-6	1.9E-6	-5.8E-5
739	0.012	-0.011	0.010	-0.023	-0.121	-0.261	0.0E+0	0.0E+0	7.6E-6	-1.1E-5	7.3E-5	4.4E-6
740	0.012	-0.010	0.008	-0.023	-0.111	-0.273	0.0E+0	0.0E+0	1.5E-6	-1.2E-5	9.3E-5	9.2E-6
741	0.012	-0.008	0.005	-0.023	-0.100	-0.285	0.0E+0	0.0E+0	-8.1E-6	-2.6E-5	1.2E-4	1.8E-5
742	0.013	-0.001	-0.004	-0.009	-0.121	-0.259	0.0E+0	0.0E+0	2.5E-6	-3.6E-5	1.2E-4	7.4E-6
743	0.013	0.002	-0.007	-0.010	-0.110	-0.270	0.0E+0	0.0E+0	-8.3E-6	-4.3E-5	1.5E-4	1.5E-5
744	0.014	0.005	-0.009	-0.011	-0.099	-0.282	0.0E+0	0.0E+0	-1.9E-5	-5.5E-5	1.7E-4	2.3E-5
745	0.013	0.011	0.005	-0.018	-0.121	-0.256	0.0E+0	0.0E+0	-8.1E-6	-6.7E-5	1.5E-4	-2.8E-6
746	0.017	0.014	0.005	-0.021	-0.110	-0.268	0.0E+0	0.0E+0	-2.0E-5	-7.0E-5	1.7E-4	7.9E-6
747	0.023	0.016	0.005	-0.024	-0.100	-0.280	0.0E+0	0.0E+0	-3.1E-5	-7.8E-5	1.9E-4	1.8E-5
748	0.041	0.017	0.019	-0.038	-0.100	-0.277	0.0E+0	0.0E+0	-4.4E-5	-9.3E-5	1.9E-4	7.7E-6
749	0.057	0.017	0.034	-0.052	-0.100	-0.274	0.0E+0	0.0E+0	-6.1E-5	-1.1E-4	1.6E-4	-1.2E-5
750	0.026	0.012	0.020	-0.033	-0.122	-0.252	0.0E+0	0.0E+0	-2.1E-5	-9.0E-5	1.6E-4	-2.0E-5
751	0.033	0.014	0.019	-0.036	-0.111	-0.265	0.0E+0	0.0E+0	-3.6E-5	-9.5E-5	1.8E-4	-6.9E-6
752	0.049	0.013	0.034	-0.050	-0.111	-0.261	0.0E+0	0.0E+0	-5.1E-5	-1.0E-4	1.6E-4	-2.2E-5
753	0.041	0.009	0.034	-0.047	-0.122	-0.249	0.0E+0	0.0E+0	-3.9E-5	-1.0E-4	1.6E-4	-3.7E-5
754	0.123	-0.058	0.089	-0.028	-0.168	-0.299	0.0E+0	0.0E+0	-4.9E-5	-8.9E-5	1.4E-5	1.2E-5
755	0.129	-0.053	0.094	-0.022	-0.157	-0.312	0.0E+0	0.0E+0	-6.0E-5	-7.9E-5	4.1E-5	-4.3E-6
756	0.135	-0.048	0.099	-0.015	-0.146	-0.324	0.0E+0	0.0E+0	-6.9E-5	-7.4E-5	5.9E-5	-1.5E-5
757	0.121	-0.060	0.074	-0.014	-0.161	-0.291	0.0E+0	0.0E+0	-4.0E-6	-1.1E-4	4.3E-5	2.5E-5
758	0.129	-0.059	0.079	-0.007	-0.150	-0.304	0.0E+0	0.0E+0	-2.6E-5	-9.5E-5	7.6E-5	9.6E-6
759	0.136	-0.057	0.084	0.000	-0.139	-0.316	0.0E+0	0.0E+0	-4.4E-5	-8.2E-5	1.0E-4	-1.8E-7
760	0.119	-0.067	0.059	0.001	-0.154	-0.284	0.0E+0	0.0E+0	4.2E-5	-1.3E-4	8.2E-5	1.8E-5
761	0.128	-0.069	0.064	0.008	-0.144	-0.296	0.0E+0	0.0E+0	1.2E-5	-1.1E-4	1.2E-4	9.5E-6
762	0.135	-0.069	0.068	0.015	-0.133	-0.308	0.0E+0	0.0E+0	-1.5E-5	-8.7E-5	1.4E-4	6.9E-6
763	0.118	-0.077	0.044	0.016	-0.148	-0.275	0.0E+0	0.0E+0	8.1E-5	-1.4E-4	1.3E-4	-6.8E-6
764	0.127	-0.082	0.049	0.023	-0.137	-0.287	0.0E+0	0.0E+0	4.2E-5	-1.0E-4	1.5E-4	1.1E-6
765	0.135	-0.084	0.053	0.030	-0.127	-0.299	0.0E+0	0.0E+0	1.1E-5	-8.4E-5	1.7E-4	7.1E-6
766	0.120	-0.092	0.032	0.029	-0.142	-0.267	0.0E+0	0.0E+0	1.0E-4	-1.2E-4	1.6E-4	-2.8E-5
767	0.128	-0.098	0.038	0.033	-0.132	-0.279	0.0E+0	0.0E+0	5.9E-5	-9.0E-5	1.7E-4	-1.4E-5
768	0.134	-0.101	0.045	0.038	-0.121	-0.291	0.0E+0	0.0E+0	2.5E-5	-6.6E-5	1.7E-4	6.6E-6
769	0.133	-0.117	0.061	0.022	-0.115	-0.281	0.0E+0	0.0E+0	2.0E-5	-4.9E-5	1.5E-4	1.1E-5
770	0.132	-0.126	0.076	0.007	-0.111	-0.272	0.0E+0	0.0E+0	2.6E-5	-1.8E-5	2.4E-5	5.8E-6
771	0.124	-0.109	0.046	0.014	-0.137	-0.257	0.0E+0	0.0E+0	1.0E-4	-8.7E-5	1.8E-4	-5.4E-5

RELAZIONE DI CALCOLO -

772	0.129	-0.115	0.053	0.018	-0.126	-0.269	0.0E+0	0.0E+0	4.7E-5	-5.3E-5	1.5E-4	-9.4E-6
773	0.130	-0.126	0.068	0.003	-0.121	-0.260	0.0E+0	0.0E+0	-3.2E-5	-4.9E-5	8.5E-5	-2.8E-6
774	0.127	-0.126	0.061	-0.001	-0.132	-0.248	0.0E+0	0.0E+0	4.7E-5	-1.8E-5	1.5E-4	-5.8E-6
775	0.029	-0.057	0.063	-0.068	-0.132	-0.245	5.5E-5	-7.7E-5	0.0E+0	0.0E+0	4.7E-5	-6.0E-6
776	0.036	-0.065	0.066	-0.068	-0.135	-0.247	4.0E-5	-5.2E-5	0.0E+0	0.0E+0	5.5E-5	-2.0E-5
777	0.033	-0.068	0.068	-0.072	-0.122	-0.261	1.6E-5	-2.5E-5	0.0E+0	0.0E+0	3.7E-5	4.3E-6
778	0.030	-0.071	0.069	-0.074	-0.110	-0.274	5.9E-6	-2.2E-5	0.0E+0	0.0E+0	3.0E-5	2.5E-5
779	0.026	-0.073	0.070	-0.076	-0.097	-0.288	2.2E-6	-2.2E-5	0.0E+0	0.0E+0	6.0E-5	1.5E-5
780	0.018	-0.064	0.069	-0.080	-0.095	-0.286	4.2E-6	-2.9E-5	0.0E+0	0.0E+0	8.5E-5	1.1E-5
781	0.009	-0.056	0.068	-0.085	-0.093	-0.283	7.5E-6	-3.5E-5	0.0E+0	0.0E+0	7.8E-5	1.4E-5
782	0.013	-0.053	0.067	-0.081	-0.105	-0.269	1.6E-5	-4.9E-5	0.0E+0	0.0E+0	5.6E-5	1.4E-5
783	0.017	-0.051	0.065	-0.076	-0.118	-0.255	3.0E-5	-6.8E-5	0.0E+0	0.0E+0	4.3E-5	1.5E-5
784	0.021	-0.049	0.061	-0.069	-0.130	-0.242	5.7E-5	-9.0E-5	0.0E+0	0.0E+0	2.7E-5	1.6E-5
785	-0.005	-0.027	0.063	-0.081	-0.117	-0.245	2.3E-5	-8.1E-5	0.0E+0	0.0E+0	4.3E-5	4.8E-6
786	-0.009	-0.029	0.065	-0.087	-0.106	-0.257	1.2E-5	-7.3E-5	0.0E+0	0.0E+0	4.3E-5	1.6E-5
787	-0.013	-0.031	0.066	-0.092	-0.094	-0.270	1.1E-5	-6.1E-5	0.0E+0	0.0E+0	5.2E-5	2.2E-5
788	0.002	-0.041	0.066	-0.084	-0.105	-0.263	1.7E-5	-6.2E-5	0.0E+0	0.0E+0	5.4E-5	1.5E-5
789	0.006	-0.039	0.064	-0.078	-0.117	-0.250	3.0E-5	-7.9E-5	0.0E+0	0.0E+0	4.4E-5	9.5E-6
790	0.043	-0.083	0.072	-0.072	-0.114	-0.276	2.2E-6	-2.8E-6	0.0E+0	0.0E+0	2.7E-5	2.1E-5
791	0.057	-0.096	0.074	-0.071	-0.118	-0.277	1.5E-5	-8.6E-6	0.0E+0	0.0E+0	2.2E-5	5.3E-6
792	0.059	-0.093	0.074	-0.072	-0.130	-0.264	1.1E-5	-6.6E-6	0.0E+0	0.0E+0	2.8E-5	-4.2E-6
793	0.046	-0.080	0.071	-0.072	-0.126	-0.263	4.8E-6	-7.3E-6	0.0E+0	0.0E+0	3.7E-5	-3.6E-7
794	-0.019	-0.025	0.063	-0.095	-0.093	-0.265	-1.8E-6	-6.8E-5	0.0E+0	0.0E+0	3.4E-5	2.3E-5
795	-0.017	-0.021	0.063	-0.090	-0.104	-0.253	2.5E-6	-6.9E-5	0.0E+0	0.0E+0	3.3E-5	1.7E-5
796	-0.015	-0.018	0.063	-0.084	-0.115	-0.240	1.0E-5	-8.1E-5	0.0E+0	0.0E+0	3.5E-5	5.9E-6
797	-0.001	-0.043	0.067	-0.089	-0.095	-0.275	9.6E-6	-5.4E-5	0.0E+0	0.0E+0	6.1E-5	1.4E-5
798	0.015	-0.043	0.062	-0.071	-0.127	-0.242	5.1E-5	-9.1E-5	0.0E+0	0.0E+0	3.5E-5	1.0E-5
799	0.014	-0.044	0.063	-0.073	-0.125	-0.245	4.6E-5	-8.7E-5	0.0E+0	0.0E+0	3.8E-5	1.0E-5
800	0.054	-0.098	0.073	-0.070	-0.108	-0.289	1.5E-5	-9.6E-6	0.0E+0	0.0E+0	2.0E-5	1.3E-5
801	0.041	-0.085	0.071	-0.072	-0.104	-0.287	2.2E-6	-4.3E-6	0.0E+0	0.0E+0	3.5E-5	1.9E-5
802	0.040	-0.070	0.068	-0.070	-0.132	-0.252	2.6E-5	-3.4E-5	0.0E+0	0.0E+0	4.9E-5	-1.4E-5
803	0.078	-0.012	0.087	-0.051	-0.152	-0.289	6.3E-5	-5.1E-6	0.0E+0	0.0E+0	-7.6E-5	-8.4E-5
804	0.083	-0.005	0.092	-0.050	-0.140	-0.303	5.0E-5	1.7E-5	0.0E+0	0.0E+0	-8.0E-5	-1.0E-4
805	0.089	0.003	0.096	-0.048	-0.128	-0.317	3.9E-5	3.5E-5	0.0E+0	0.0E+0	-9.0E-5	-1.3E-4
806	0.098	-0.006	0.101	-0.041	-0.132	-0.321	4.0E-5	3.6E-5	0.0E+0	0.0E+0	-8.9E-5	-1.3E-4
807	0.106	-0.014	0.105	-0.035	-0.135	-0.325	4.9E-5	3.8E-5	0.0E+0	0.0E+0	-7.2E-5	-8.8E-5
808	0.101	-0.021	0.102	-0.039	-0.147	-0.310	5.6E-5	4.4E-5	0.0E+0	0.0E+0	-4.1E-5	-5.7E-5
809	0.095	-0.028	0.097	-0.045	-0.159	-0.296	6.4E-5	6.0E-5	0.0E+0	0.0E+0	-1.7E-5	-5.8E-5
810	0.110	-0.031	0.105	-0.038	-0.153	-0.313	7.4E-5	5.0E-5	0.0E+0	0.0E+0	-3.5E-5	-5.4E-5
811	0.119	-0.041	0.108	-0.036	-0.158	-0.317	8.5E-5	5.5E-5	0.0E+0	0.0E+0	-1.9E-5	-4.2E-5
812	0.119	-0.027	0.111	-0.030	-0.141	-0.330	7.6E-5	4.8E-5	0.0E+0	0.0E+0	-5.0E-5	-5.9E-5
813	0.114	-0.029	0.108	-0.034	-0.147	-0.322	7.6E-5	4.8E-5	0.0E+0	0.0E+0	-4.3E-5	-5.5E-5
814	0.112	-0.021	0.108	-0.032	-0.138	-0.327	6.5E-5	4.4E-5	0.0E+0	0.0E+0	-6.5E-5	-7.1E-5
815	0.057	0.029	0.078	-0.072	-0.120	-0.294	2.2E-5	-1.4E-5	0.0E+0	0.0E+0	-7.7E-5	-1.1E-4
816	0.051	0.024	0.076	-0.071	-0.131	-0.282	2.7E-5	-3.4E-5	0.0E+0	0.0E+0	-6.2E-5	-9.1E-5
817	0.045	0.018	0.073	-0.069	-0.141	-0.268	4.0E-5	-4.8E-5	0.0E+0	0.0E+0	-4.4E-5	-8.3E-5
818	0.073	0.005	0.086	-0.058	-0.137	-0.296	4.4E-5	-1.4E-6	0.0E+0	0.0E+0	-7.7E-5	-1.0E-4
819	0.062	0.014	0.081	-0.065	-0.134	-0.289	3.8E-5	-1.9E-5	0.0E+0	0.0E+0	-7.1E-5	-1.0E-4
820	0.076	0.015	0.088	-0.059	-0.123	-0.309	3.3E-5	1.3E-5	0.0E+0	0.0E+0	-8.5E-5	-1.2E-4
821	0.074	0.010	0.087	-0.059	-0.130	-0.302	3.8E-5	6.6E-6	0.0E+0	0.0E+0	-8.1E-5	-1.1E-4
822	0.112	-0.047	0.103	-0.043	-0.169	-0.303	8.1E-5	5.7E-5	0.0E+0	0.0E+0	-1.1E-5	-4.0E-5
823	0.102	-0.036	0.100	-0.044	-0.164	-0.299	6.9E-5	5.8E-5	0.0E+0	0.0E+0	-1.6E-5	-5.5E-5
824	0.123	-0.038	0.111	-0.032	-0.150	-0.326	8.5E-5	5.3E-5	0.0E+0	0.0E+0	-2.4E-5	-4.5E-5
825	0.126	-0.035	0.113	-0.028	-0.144	-0.333	8.3E-5	5.3E-5	0.0E+0	0.0E+0	-2.6E-5	-4.8E-5
826	0.109	-0.024	0.106	-0.035	-0.144	-0.320	6.5E-5	4.5E-5	0.0E+0	0.0E+0	-5.4E-5	-6.2E-5
827	0.115	-0.019	0.110	-0.030	-0.134	-0.332	6.5E-5	4.4E-5	0.0E+0	0.0E+0	-6.7E-5	-7.7E-5
828	0.033	0.031	0.070	-0.075	-0.136	-0.261	2.1E-5	-5.5E-5	0.0E+0	0.0E+0	-3.6E-5	-7.0E-5
829	0.039	0.037	0.071	-0.078	-0.125	-0.274	1.0E-5	-4.0E-5	0.0E+0	0.0E+0	-5.3E-5	-7.6E-5
830	0.045	0.043	0.072	-0.081	-0.115	-0.287	6.4E-6	-3.1E-5	0.0E+0	0.0E+0	-6.6E-5	-7.7E-5
831	0.067	-0.003	0.082	-0.057	-0.149	-0.283	6.4E-5	-2.4E-5	0.0E+0	0.0E+0	-7.0E-5	-8.4E-5
832	0.056	0.008	0.077	-0.063	-0.145	-0.276	5.4E-5	-4.0E-5	0.0E+0	0.0E+0	-5.6E-5	-8.6E-5
833	0.064	0.018	0.082	-0.065	-0.128	-0.295	3.2E-5	-8.9E-6	0.0E+0	0.0E+0	-7.6E-5	-1.1E-4
834	0.105	-0.099	0.056	-0.087	-0.073	-0.289	5.9E-5	-4.1E-5	0.0E+0	0.0E+0	1.6E-4	-1.1E-5
835	0.109	-0.102	0.061	-0.091	-0.060	-0.303	6.1E-5	-4.2E-5	0.0E+0	0.0E+0	1.3E-4	-3.4E-6
836	0.112	-0.105	0.066	-0.094	-0.046	-0.317	5.8E-5	-3.7E-5	0.0E+0	0.0E+0	1.1E-4	-8.3E-7
837	0.133	-0.126	0.081	-0.091	-0.066	-0.295	2.5E-5	-3.0E-5	0.0E+0	0.0E+0	9.7E-5	2.8E-7
838	0.121	-0.114	0.072	-0.091	-0.063	-0.299	4.0E-5	-3.6E-5	0.0E+0	0.0E+0	1.3E-4	-5.9E-6
839	0.128	-0.122	0.079	-0.089	-0.079	-0.282	2.5E-5	-3.1E-5	0.0E+0	0.0E+0	1.2E-4	-8.5E-6
840	0.099	-0.092	0.057	-0.095	-0.043	-0.321	6.0E-5	-4.8E-5	0.0E+0	0.0E+0	9.2E-5	1.0E-5
841	0.095	-0.088	0.051	-0.091	-0.056	-0.307	7.9E-5	-3.6E-5	0.0E+0	0.0E+0	9.4E-5	2.2E-6
842	0.092	-0.085	0.045	-0.087	-0.070	-0.293	6.7E-5	-6.2E-5	0.0E+0	0.0E+0	9.9E-5	2.5E-6
843	0.137	-0.130	0.084	-0.094	-0.053	-0.309	2.7E-5	-3.0E-5	0.0E+0	0.0E+0	8.6E-5	6.1E-6

RELAZIONE DI CALCOLO -

844	0.125	-0.117	0.075	-0.094	-0.049	-0.313	4.2E-5	-3.5E-5	0.0E+0	0.0E+0	1.1E-4	-4.2E-7
845	0.117	-0.111	0.069	-0.088	-0.076	-0.285	4.0E-5	-3.8E-5	0.0E+0	0.0E+0	1.5E-4	-1.2E-5
846	0.132	-0.127	0.082	-0.087	-0.090	-0.271	1.8E-5	-2.7E-5	0.0E+0	0.0E+0	7.7E-5	-1.0E-5
847	0.146	-0.138	0.078	-0.082	-0.068	-0.293	0.0E+0	0.0E+0	3.2E-5	-5.3E-5	1.4E-5	-1.4E-5
848	0.145	-0.138	0.070	-0.074	-0.066	-0.295	0.0E+0	0.0E+0	3.6E-5	-5.5E-5	1.2E-5	-3.1E-5
849	0.143	-0.138	0.061	-0.065	-0.065	-0.297	0.0E+0	0.0E+0	3.8E-5	-5.3E-5	-1.2E-5	-4.7E-5
850	0.138	-0.133	0.059	-0.063	-0.078	-0.282	0.0E+0	0.0E+0	5.2E-5	-7.3E-5	3.6E-5	3.5E-6
851	0.139	-0.134	0.068	-0.072	-0.080	-0.281	0.0E+0	0.0E+0	3.7E-5	-7.2E-5	1.8E-5	-4.7E-5
852	0.141	-0.135	0.076	-0.080	-0.081	-0.279	0.0E+0	0.0E+0	3.7E-5	-5.6E-5	1.0E-5	-3.2E-5
853	0.133	-0.132	0.060	-0.063	-0.085	-0.275	0.0E+0	0.0E+0	1.8E-5	-1.1E-4	3.1E-5	-4.1E-5
854	0.150	-0.140	0.079	-0.083	-0.056	-0.305	0.0E+0	0.0E+0	2.3E-5	-6.1E-5	3.9E-5	3.9E-6
855	0.149	-0.138	0.069	-0.073	-0.057	-0.305	0.0E+0	0.0E+0	-9.4E-6	-1.0E-4	1.9E-5	-2.2E-5
856	0.146	-0.138	0.062	-0.066	-0.057	-0.305	0.0E+0	0.0E+0	-7.8E-6	-9.2E-5	6.4E-6	-3.5E-5
857	0.135	-0.133	0.066	-0.070	-0.086	-0.274	0.0E+0	0.0E+0	1.8E-5	-7.7E-5	1.9E-5	-5.8E-5
858	0.084	-0.071	0.016	-0.063	-0.042	-0.325	0.0E+0	0.0E+0	8.2E-6	-8.9E-5	1.8E-5	5.8E-6
859	0.084	-0.072	0.026	-0.072	-0.046	-0.320	0.0E+0	0.0E+0	2.6E-5	-7.5E-5	2.5E-5	-9.3E-6
860	0.084	-0.074	0.035	-0.082	-0.049	-0.315	0.0E+0	0.0E+0	5.4E-5	-4.2E-5	2.8E-5	7.9E-6
861	0.079	-0.069	0.029	-0.078	-0.062	-0.302	0.0E+0	0.0E+0	4.1E-5	-7.2E-5	1.9E-5	-2.0E-5
862	0.077	-0.069	0.020	-0.068	-0.059	-0.306	0.0E+0	0.0E+0	3.2E-5	-7.3E-5	-3.0E-5	-5.2E-5
863	0.075	-0.070	0.010	-0.058	-0.055	-0.310	0.0E+0	0.0E+0	4.5E-6	-1.0E-4	-7.3E-7	-3.3E-5
864	0.076	-0.066	0.025	-0.074	-0.068	-0.295	0.0E+0	0.0E+0	1.0E-4	-2.0E-5	-5.7E-5	-8.2E-5
865	0.088	-0.077	0.043	-0.088	-0.038	-0.327	0.0E+0	0.0E+0	2.8E-5	-6.0E-5	1.9E-5	1.4E-5
866	0.073	-0.069	0.015	-0.063	-0.064	-0.299	0.0E+0	0.0E+0	1.1E-5	-7.1E-5	-9.0E-6	-3.2E-5
867	0.070	-0.070	0.007	-0.055	-0.062	-0.302	0.0E+0	0.0E+0	8.0E-6	-8.0E-5	-3.7E-5	-7.8E-5
868	0.133	-0.132	0.129	-0.043	-0.061	-0.234	1.1E-4	3.9E-5	0.0E+0	0.0E+0	-1.2E-5	-8.1E-5
869	0.025	-0.013	0.013	-0.057	-0.044	-0.310	0.0E+0	0.0E+0	-1.5E-5	-1.1E-4	-3.3E-5	-8.8E-5
870	0.016	-0.014	0.017	-0.056	-0.057	-0.296	0.0E+0	0.0E+0	-2.3E-5	-1.0E-4	-1.4E-5	-2.8E-5
871	0.011	-0.016	0.029	-0.045	-0.060	-0.289	0.0E+0	0.0E+0	6.3E-8	-1.4E-5	8.0E-6	-1.3E-5
872	0.107	-0.127	0.012	-0.015	-0.070	-0.288	0.0E+0	0.0E+0	4.0E-5	-6.1E-5	3.7E-5	-1.1E-4
873	0.084	-0.118	0.041	-0.044	-0.072	-0.285	0.0E+0	0.0E+0	4.0E-5	-2.8E-5	4.7E-5	-1.1E-4
874	0.075	-0.113	0.056	-0.058	-0.073	-0.283	0.0E+0	0.0E+0	3.3E-5	-1.2E-6	4.4E-5	-9.1E-5
875	0.118	-0.131	0.005	-0.003	-0.070	-0.289	0.0E+0	0.0E+0	3.3E-5	-6.6E-5	2.7E-5	-9.9E-5
876	0.127	-0.133	0.014	-0.018	-0.069	-0.290	0.0E+0	0.0E+0	2.5E-5	-7.2E-5	1.4E-5	-7.7E-5
877	0.140	-0.136	0.040	-0.044	-0.064	-0.297	0.0E+0	0.0E+0	3.9E-5	-6.7E-5	1.5E-5	-5.7E-6
878	0.134	-0.134	0.028	-0.032	-0.069	-0.291	0.0E+0	0.0E+0	2.1E-5	-7.8E-5	-6.0E-6	-6.3E-5
879	0.135	-0.133	0.041	-0.045	-0.076	-0.284	0.0E+0	0.0E+0	2.1E-5	-6.7E-5	-3.7E-5	-6.1E-5
880	0.096	-0.123	0.026	-0.029	-0.071	-0.286	0.0E+0	0.0E+0	4.3E-5	-4.8E-5	4.4E-5	-1.2E-4
881	0.007	-0.016	-0.008	-0.033	-0.050	-0.290	0.0E+0	0.0E+0	-8.4E-6	-3.5E-5	2.1E-6	-9.0E-5
882	0.012	-0.015	-0.006	-0.038	-0.043	-0.300	0.0E+0	0.0E+0	-9.4E-6	-5.8E-5	-6.7E-6	-9.3E-5
883	0.067	0.021	0.038	-0.052	-0.059	-0.279	0.0E+0	0.0E+0	-4.8E-5	-7.5E-5	1.4E-4	-4.6E-6
884	0.073	0.025	0.039	-0.054	-0.048	-0.291	0.0E+0	0.0E+0	-5.4E-5	-9.2E-5	1.3E-4	-6.1E-6
885	0.080	0.029	0.040	-0.055	-0.037	-0.303	0.0E+0	0.0E+0	-6.3E-5	-1.1E-4	1.2E-4	-4.3E-6
886	0.050	0.020	0.024	-0.038	-0.059	-0.280	0.0E+0	0.0E+0	-4.8E-5	-9.4E-5	1.9E-4	1.3E-5
887	0.057	0.024	0.024	-0.039	-0.049	-0.290	0.0E+0	0.0E+0	-5.1E-5	-9.7E-5	1.8E-4	1.6E-5
888	0.064	0.027	0.025	-0.041	-0.039	-0.301	0.0E+0	0.0E+0	-5.7E-5	-1.1E-4	1.8E-4	1.9E-5
889	0.033	0.018	0.009	-0.024	-0.059	-0.280	0.0E+0	0.0E+0	-3.9E-5	-8.7E-5	2.0E-4	2.3E-5
890	0.039	0.021	0.010	-0.025	-0.051	-0.289	0.0E+0	0.0E+0	-4.5E-5	-9.6E-5	2.1E-4	2.8E-5
891	0.044	0.023	0.010	-0.026	-0.042	-0.298	0.0E+0	0.0E+0	-4.9E-5	-1.0E-4	2.1E-4	3.2E-5
892	0.024	0.019	-0.004	-0.017	-0.046	-0.296	0.0E+0	0.0E+0	-3.9E-5	-8.8E-5	2.0E-4	3.8E-5
893	0.014	0.000	0.003	-0.022	-0.051	-0.292	0.0E+0	0.0E+0	-2.6E-5	-6.9E-5	1.5E-4	2.8E-5
894	0.018	0.014	-0.004	-0.016	-0.060	-0.280	0.0E+0	0.0E+0	-3.1E-5	-7.7E-5	1.9E-4	2.7E-5
895	0.020	0.016	-0.005	-0.016	-0.054	-0.287	0.0E+0	0.0E+0	-3.4E-5	-8.1E-5	1.9E-4	3.0E-5
896	0.013	-0.003	0.004	-0.021	-0.058	-0.285	0.0E+0	0.0E+0	-2.3E-5	-6.8E-5	1.5E-4	2.6E-5
897	0.014	0.001	-0.001	-0.017	-0.062	-0.280	0.0E+0	0.0E+0	-2.3E-5	-6.4E-5	1.6E-4	2.4E-5
898	0.150	-0.029	0.115	0.008	-0.076	-0.352	0.0E+0	0.0E+0	-6.0E-5	-8.6E-5	7.2E-5	-3.5E-5
899	0.145	-0.036	0.110	0.001	-0.088	-0.339	0.0E+0	0.0E+0	-5.9E-5	-8.2E-5	7.7E-5	-3.2E-5
900	0.140	-0.042	0.105	-0.005	-0.100	-0.327	0.0E+0	0.0E+0	-5.9E-5	-7.9E-5	7.7E-5	-2.8E-5
901	0.151	-0.040	0.100	0.020	-0.074	-0.341	0.0E+0	0.0E+0	-6.2E-5	-8.8E-5	1.3E-4	-1.7E-5
902	0.146	-0.047	0.095	0.014	-0.084	-0.329	0.0E+0	0.0E+0	-6.1E-5	-8.0E-5	1.3E-4	-1.5E-5
903	0.142	-0.052	0.090	0.009	-0.095	-0.318	0.0E+0	0.0E+0	-6.2E-5	-7.3E-5	1.3E-4	-1.2E-5
904	0.150	-0.056	0.085	0.032	-0.072	-0.330	0.0E+0	0.0E+0	-6.3E-5	-8.0E-5	1.8E-4	-1.1E-6
905	0.146	-0.062	0.079	0.027	-0.081	-0.320	0.0E+0	0.0E+0	-5.9E-5	-7.1E-5	1.7E-4	1.1E-8
906	0.142	-0.067	0.074	0.023	-0.090	-0.309	0.0E+0	0.0E+0	-4.6E-5	-7.0E-5	1.7E-4	2.0E-7
907	0.148	-0.075	0.070	0.044	-0.070	-0.320	0.0E+0	0.0E+0	-5.4E-5	-6.9E-5	2.1E-4	1.3E-5
908	0.145	-0.080	0.065	0.041	-0.078	-0.310	0.0E+0	0.0E+0	-4.0E-5	-6.5E-5	2.0E-4	1.3E-5
909	0.141	-0.085	0.060	0.037	-0.086	-0.300	0.0E+0	0.0E+0	-2.6E-5	-6.1E-5	1.9E-4	1.1E-5
910	0.145	-0.095	0.061	0.054	-0.068	-0.309	0.0E+0	0.0E+0	-3.0E-5	-5.8E-5	2.1E-4	2.6E-5
911	0.142	-0.099	0.058	0.049	-0.075	-0.299	0.0E+0	0.0E+0	-1.8E-5	-5.3E-5	2.0E-4	2.3E-5
912	0.139	-0.103	0.055	0.044	-0.082	-0.290	0.0E+0	0.0E+0	-6.4E-6	-5.3E-5	1.9E-4	1.8E-5
913	0.142	-0.112	0.067	0.040	-0.066	-0.299	0.0E+0	0.0E+0	-5.7E-6	-4.8E-5	2.0E-4	3.5E-5
914	0.139	-0.116	0.066	0.035	-0.071	-0.291	0.0E+0	0.0E+0	7.6E-6	-4.3E-5	1.8E-4	3.2E-5
915	0.137	-0.120	0.067	0.028	-0.076	-0.282	0.0E+0	0.0E+0	2.0E-5	-3.5E-5	1.5E-4	2.9E-5

RELAZIONE DI CALCOLO -

916	0.134	-0.133	0.083	0.013	-0.071	-0.274	0.0E+0	0.0E+0	5.4E-5	-2.2E-5	1.0E-4	3.5E-5
917	0.136	-0.129	0.080	0.022	-0.067	-0.284	0.0E+0	0.0E+0	3.2E-5	-3.0E-5	1.4E-4	4.0E-5
918	0.139	-0.123	0.076	0.030	-0.064	-0.292	0.0E+0	0.0E+0	1.6E-5	-3.9E-5	1.7E-4	4.1E-5
919	0.091	0.006	0.100	-0.044	-0.090	-0.312	3.9E-5	3.4E-5	0.0E+0	0.0E+0	-8.1E-5	-1.5E-4
920	0.096	0.011	0.102	-0.041	-0.080	-0.323	4.1E-5	3.4E-5	0.0E+0	0.0E+0	-8.5E-5	-1.5E-4
921	0.100	0.016	0.105	-0.038	-0.069	-0.334	4.1E-5	3.4E-5	0.0E+0	0.0E+0	-9.0E-5	-1.7E-4
922	0.104	0.021	0.107	-0.035	-0.059	-0.346	4.2E-5	3.4E-5	0.0E+0	0.0E+0	-9.6E-5	-1.8E-4
923	0.079	0.050	0.089	-0.066	-0.048	-0.331	1.8E-5	2.3E-6	0.0E+0	0.0E+0	-9.3E-5	-1.6E-4
924	0.074	0.045	0.088	-0.067	-0.059	-0.321	2.0E-5	7.6E-6	0.0E+0	0.0E+0	-8.6E-5	-1.4E-4
925	0.069	0.040	0.086	-0.068	-0.069	-0.310	2.3E-5	1.5E-5	0.0E+0	0.0E+0	-8.2E-5	-1.3E-4
926	0.064	0.035	0.084	-0.069	-0.079	-0.298	2.3E-5	1.2E-5	0.0E+0	0.0E+0	-7.9E-5	-1.3E-4
927	0.066	0.049	0.077	-0.079	-0.058	-0.304	1.6E-5	7.9E-7	0.0E+0	0.0E+0	-5.7E-5	-7.8E-5
928	0.064	0.050	0.081	-0.074	-0.064	-0.307	1.9E-5	7.1E-6	0.0E+0	0.0E+0	-7.6E-5	-1.1E-4
929	0.057	0.047	0.078	-0.077	-0.074	-0.293	2.2E-5	1.5E-5	0.0E+0	0.0E+0	-7.1E-5	-9.4E-5
930	0.060	0.043	0.075	-0.080	-0.070	-0.290	2.0E-5	1.2E-5	0.0E+0	0.0E+0	-5.0E-5	-7.2E-5
931	0.102	-0.004	0.106	-0.035	-0.094	-0.318	4.9E-5	3.8E-5	0.0E+0	0.0E+0	-7.6E-5	-1.3E-4
932	0.113	-0.014	0.111	-0.027	-0.097	-0.324	6.2E-5	4.3E-5	0.0E+0	0.0E+0	-6.8E-5	-1.1E-4
933	0.125	-0.025	0.116	-0.021	-0.100	-0.330	7.4E-5	4.9E-5	0.0E+0	0.0E+0	-5.4E-5	-6.9E-5
934	0.130	-0.019	0.120	-0.014	-0.087	-0.343	7.4E-5	5.1E-5	0.0E+0	0.0E+0	-6.4E-5	-8.0E-5
935	0.134	-0.012	0.124	-0.008	-0.073	-0.357	7.1E-5	5.1E-5	0.0E+0	0.0E+0	-7.3E-5	-9.9E-5
936	0.107	0.001	0.109	-0.031	-0.082	-0.330	5.2E-5	3.9E-5	0.0E+0	0.0E+0	-8.1E-5	-1.4E-4
937	0.118	-0.008	0.115	-0.022	-0.084	-0.337	6.2E-5	4.4E-5	0.0E+0	0.0E+0	-7.5E-5	-1.2E-4
938	0.122	0.000	0.118	-0.017	-0.070	-0.350	6.1E-5	4.4E-5	0.0E+0	0.0E+0	-8.3E-5	-1.4E-4
939	0.110	0.007	0.111	-0.028	-0.071	-0.341	5.1E-5	3.9E-5	0.0E+0	0.0E+0	-8.7E-5	-1.6E-4
940	0.112	0.013	0.113	-0.026	-0.061	-0.350	5.0E-5	3.9E-5	0.0E+0	0.0E+0	-9.3E-5	-1.7E-4
941	0.090	0.035	0.098	-0.051	-0.053	-0.339	2.6E-5	2.2E-5	0.0E+0	0.0E+0	-9.7E-5	-1.8E-4
942	0.085	0.030	0.096	-0.053	-0.064	-0.328	2.7E-5	2.4E-5	0.0E+0	0.0E+0	-9.2E-5	-1.7E-4
943	0.081	0.025	0.094	-0.055	-0.074	-0.317	2.7E-5	2.5E-5	0.0E+0	0.0E+0	-8.7E-5	-1.6E-4
944	0.077	0.020	0.092	-0.057	-0.085	-0.306	2.9E-5	2.4E-5	0.0E+0	0.0E+0	-8.2E-5	-1.4E-4
945	0.072	0.061	0.081	-0.077	-0.043	-0.324	1.0E-5	-2.0E-5	0.0E+0	0.0E+0	-7.7E-5	-1.1E-4
946	0.068	0.055	0.082	-0.075	-0.054	-0.316	1.6E-5	-1.3E-6	0.0E+0	0.0E+0	-7.7E-5	-1.1E-4
947	0.070	0.051	0.077	-0.079	-0.051	-0.312	1.3E-5	-9.8E-6	0.0E+0	0.0E+0	-6.2E-5	-8.1E-5
948	0.086	0.036	0.071	-0.083	-0.036	-0.310	1.1E-5	-2.0E-5	0.0E+0	0.0E+0	1.2E-6	-4.9E-5
949	0.080	0.031	0.070	-0.082	-0.050	-0.297	1.2E-5	-1.5E-5	0.0E+0	0.0E+0	1.3E-6	-5.1E-5
950	0.073	0.026	0.069	-0.081	-0.063	-0.283	1.4E-5	-1.1E-5	0.0E+0	0.0E+0	2.0E-5	-4.6E-5

Tabella 20.II

Stato Limite d'Esercizio - Frequenti												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	0.031	-0.043	0.026	-0.028	-0.170	-0.192	3.1E-5	-4.6E-5	5.7E-5	-2.0E-6	3.7E-5	-1.1E-5
2	0.009	-0.021	0.016	-0.009	-0.186	-0.195	-5.9E-5	-1.1E-4	-1.2E-5	-6.8E-5	8.9E-6	4.8E-6
3	0.024	-0.005	0.010	-0.015	-0.155	-0.164	1.2E-5	-3.3E-5	6.8E-5	5.4E-6	-2.5E-5	-2.8E-5
4	0.046	-0.027	0.025	-0.028	-0.140	-0.162	9.9E-5	2.2E-5	1.4E-5	-5.3E-6	-2.1E-6	-5.3E-5
5	0.017	-0.018	0.006	0.003	-0.155	-0.166	-1.3E-4	-1.3E-4	-3.2E-5	-3.6E-5	1.4E-5	5.5E-6
6	0.003	-0.004	0.022	-0.022	-0.171	-0.178	4.9E-5	1.3E-5	-3.3E-5	-4.1E-5	2.8E-5	-1.1E-5
7	0.003	-0.004	0.020	-0.024	-0.168	-0.175	6.6E-5	2.9E-5	7.3E-5	6.5E-5	2.6E-5	-1.2E-5
8	0.018	-0.018	0.000	-0.003	-0.143	-0.154	-5.1E-5	-6.1E-5	3.3E-5	2.6E-5	-7.6E-6	-2.5E-5
9	0.035	-0.035	0.013	-0.015	-0.175	-0.185	1.6E-5	-2.0E-5	2.1E-4	1.4E-4	3.7E-5	-1.9E-5
10	0.005	-0.005	0.015	-0.014	-0.172	-0.181	5.1E-6	-7.5E-6	4.9E-6	-7.0E-6	1.9E-5	-1.6E-6
11	0.005	-0.005	0.013	-0.016	-0.171	-0.180	2.1E-5	8.0E-6	1.2E-5	8.7E-7	1.9E-5	-6.8E-6
12	0.035	-0.035	0.012	-0.016	-0.161	-0.171	8.4E-5	4.7E-5	-1.1E-4	-1.9E-4	7.3E-6	-4.6E-5
13	0.003	-0.005	0.019	-0.015	-0.156	-0.164	3.1E-6	-5.8E-5	-1.8E-6	-3.2E-5	7.9E-5	-5.7E-5
14	0.003	-0.005	0.017	-0.017	-0.165	-0.173	1.8E-5	-4.4E-5	-5.9E-5	-8.9E-5	6.9E-5	-6.7E-5
15	0.036	-0.036	0.031	-0.031	-0.181	-0.190	3.4E-5	-1.5E-5	8.8E-5	2.0E-5	1.1E-5	-1.5E-5
16	0.002	-0.002	0.024	-0.020	-0.158	-0.165	3.1E-5	-6.5E-5	5.7E-5	5.1E-6	3.9E-5	-4.5E-5
17	0.001	-0.003	0.022	-0.022	-0.174	-0.181	5.7E-5	-4.0E-5	-4.7E-5	-9.8E-5	4.2E-5	-4.2E-5
18	0.035	-0.037	0.030	-0.032	-0.221	-0.230	1.0E-4	5.4E-5	-6.2E-5	-1.3E-4	1.5E-5	-1.1E-5
19	0.004	-0.004	0.024	-0.020	-0.151	-0.163	2.2E-5	-5.8E-5	5.5E-5	-1.5E-5	7.3E-5	-5.9E-5
20	0.003	-0.005	0.022	-0.022	-0.161	-0.173	4.2E-5	-3.9E-5	-3.7E-5	-1.1E-4	6.3E-5	-6.9E-5
21	0.060	-0.059	0.038	-0.040	-0.167	-0.202	1.5E-5	-8.5E-6	1.4E-5	-2.4E-5	1.9E-5	-3.5E-5
22	0.032	-0.029	0.001	-0.041	-0.161	-0.219	-1.4E-4	-1.7E-4	-4.2E-4	-4.6E-4	2.6E-5	-5.7E-5
23	0.034	-0.028	0.019	-0.022	-0.130	-0.190	-1.1E-4	-1.4E-4	5.1E-4	4.6E-4	2.6E-5	-5.9E-5
24	0.064	-0.057	0.062	-0.017	-0.137	-0.171	8.5E-5	6.0E-5	3.4E-5	-1.3E-5	8.2E-6	-4.4E-5
25	0.031	-0.034	-0.017	-0.020	-0.148	-0.217	-1.1E-3	-1.1E-3	6.1E-5	4.9E-5	1.4E-5	-9.7E-6
26	0.006	-0.007	0.019	-0.034	-0.155	-0.215	-1.0E-3	-1.1E-3	7.6E-5	6.0E-5	-3.9E-6	-3.4E-5
27	0.007	-0.007	0.022	-0.031	-0.153	-0.213	-1.0E-3	-1.1E-3	-3.4E-5	-5.0E-5	4.7E-6	-2.6E-5
28	0.034	-0.035	0.001	-0.002	-0.134	-0.203	-1.0E-3	-1.1E-3	2.7E-6	-1.5E-5	-2.7E-5	-3.9E-5
29	0.060	-0.066	0.021	-0.022	-0.164	-0.208	-9.4E-4	-1.0E-3	-1.4E-4	-2.3E-4	4.3E-5	-4.5E-6
30	0.006	-0.008	0.009	-0.023	-0.150	-0.209	-2.5E-5	-3.9E-5	5.9E-6	7.3E-7	-1.6E-5	-1.8E-5
31	0.006	-0.007	0.012	-0.020	-0.150	-0.209	-8.2E-6	-2.3E-5	6.1E-6	-4.3E-7	-8.9E-7	-4.2E-6

RELAZIONE DI CALCOLO -

32	0.065	-0.062	0.045	0.001	-0.149	-0.192	-9.5E-4	-1.0E-3	2.2E-4	1.3E-4	-4.6E-6	-5.5E-5
33	0.001	-0.022	0.019	-0.035	-0.138	-0.186	0.0E+0	0.0E+0	5.3E-5	1.9E-5	3.9E-5	-6.5E-5
34	0.034	0.011	0.022	-0.031	-0.148	-0.196	0.0E+0	0.0E+0	-5.7E-5	-9.6E-5	8.0E-5	-1.8E-5
35	0.031	-0.057	0.038	-0.037	-0.160	-0.212	5.9E-6	-6.5E-6	3.0E-5	2.4E-5	6.1E-6	5.8E-6
36	-0.006	-0.017	0.027	-0.043	-0.139	-0.188	-8.7E-6	-6.2E-5	0.0E+0	0.0E+0	1.3E-5	3.3E-6
37	0.029	0.018	0.032	-0.039	-0.155	-0.204	9.3E-7	-5.0E-5	0.0E+0	0.0E+0	-2.1E-5	-3.3E-5
38	0.008	-0.003	0.036	-0.052	-0.367	-0.432	-7.7E-4	-8.2E-4	-2.4E-4	-2.5E-4	-6.6E-6	-3.4E-5
39	0.009	-0.004	0.040	-0.048	-0.361	-0.426	-7.6E-4	-8.1E-4	3.2E-4	3.1E-4	2.2E-6	-2.7E-5
40	0.070	-0.019	0.061	-0.013	-0.200	-0.253	7.6E-5	6.2E-5	-6.3E-5	-6.9E-5	-6.9E-6	-7.8E-6
41	0.004	-0.026	0.025	-0.042	-0.137	-0.180	-2.4E-5	-5.5E-5	4.7E-5	2.6E-5	2.9E-5	-3.8E-5
42	0.039	0.009	0.029	-0.038	-0.148	-0.192	-9.1E-6	-4.0E-5	-7.2E-5	-9.1E-5	3.3E-5	-2.8E-5
43	0.071	-0.064	0.042	-0.043	-0.146	-0.230	1.0E-5	-9.5E-6	1.4E-5	-2.9E-5	5.1E-6	-4.7E-6
44	0.038	-0.032	0.006	-0.052	-0.140	-0.242	-9.8E-5	-1.5E-4	-4.2E-4	-4.5E-4	1.6E-5	-2.0E-5
45	0.037	-0.036	0.043	-0.013	-0.108	-0.213	-9.1E-5	-1.4E-4	5.4E-4	5.0E-4	-2.8E-5	-8.5E-5
46	0.070	-0.069	0.088	0.002	-0.114	-0.197	9.1E-5	6.3E-5	3.2E-5	-1.9E-5	-6.0E-6	-2.7E-5
47	0.033	-0.035	-0.013	-0.032	-0.134	-0.251	-9.6E-4	-1.0E-3	5.5E-5	3.7E-5	2.3E-5	7.9E-6
48	0.006	-0.007	0.007	-0.042	-0.136	-0.244	-9.9E-4	-1.1E-3	7.5E-5	6.4E-5	-1.9E-5	-3.5E-5
49	0.006	-0.008	0.015	-0.033	-0.133	-0.241	-9.8E-4	-1.0E-3	-2.8E-5	-3.5E-5	-2.5E-5	-4.6E-5
50	0.033	-0.038	0.024	0.007	-0.121	-0.237	-8.9E-4	-9.8E-4	3.8E-5	2.0E-5	-6.4E-5	-7.1E-5
51	0.062	-0.067	0.025	-0.025	-0.144	-0.233	-8.3E-4	-9.1E-4	-1.5E-4	-2.1E-4	4.4E-5	5.3E-6
52	0.005	-0.009	-0.004	-0.031	-0.130	-0.235	-2.9E-5	-4.6E-5	3.3E-6	2.3E-6	-2.8E-5	-3.9E-5
53	0.005	-0.008	0.005	-0.022	-0.129	-0.235	-7.7E-6	-2.4E-5	-5.9E-6	-1.6E-5	2.7E-5	9.0E-6
54	0.066	-0.064	0.071	0.020	-0.129	-0.218	-7.6E-4	-8.6E-4	1.1E-4	6.9E-5	-8.5E-6	-6.5E-5
55	-0.008	-0.035	0.012	-0.046	-0.117	-0.214	-5.7E-6	-1.7E-5	4.8E-5	3.8E-5	2.8E-5	-4.5E-5
56	0.060	0.032	0.021	-0.038	-0.128	-0.225	4.0E-5	3.8E-5	-5.7E-5	-5.9E-5	3.4E-5	-1.3E-5
57	0.023	-0.066	0.036	-0.035	-0.137	-0.238	4.1E-6	-5.9E-6	2.9E-5	2.7E-5	1.1E-5	-2.1E-5
58	-0.014	-0.029	0.022	-0.058	-0.118	-0.215	-2.1E-5	-3.3E-5	1.7E-5	5.0E-6	3.3E-5	-2.7E-5
59	0.053	0.039	0.030	-0.046	-0.136	-0.233	1.7E-5	1.6E-5	-3.2E-5	-3.3E-5	-1.3E-6	-3.3E-5
60	0.008	-0.004	0.024	-0.059	-0.347	-0.450	-7.5E-4	-8.0E-4	-2.4E-4	-2.5E-4	-2.0E-5	-3.7E-5
61	0.009	-0.006	0.032	-0.051	-0.341	-0.445	-7.5E-4	-7.9E-4	3.1E-4	2.9E-4	-2.8E-5	-4.9E-5
62	0.090	0.002	0.081	0.010	-0.178	-0.281	7.8E-5	6.2E-5	-6.0E-5	-7.0E-5	-4.8E-6	-2.8E-5
63	0.062	0.030	0.027	-0.045	-0.129	-0.225	7.9E-6	-4.7E-6	-5.9E-5	-6.7E-5	7.4E-6	-2.8E-5
64	0.079	-0.071	0.045	-0.048	-0.112	-0.250	1.4E-5	-1.0E-5	2.1E-5	-2.2E-5	4.5E-5	3.8E-5
65	0.047	-0.039	0.018	-0.061	-0.104	-0.260	1.4E-5	-4.1E-5	-5.3E-5	-9.1E-5	5.3E-5	3.9E-5
66	0.035	-0.040	0.043	-0.015	-0.098	-0.206	1.2E-4	6.8E-5	-7.9E-5	-1.4E-4	-6.6E-6	-4.9E-5
67	0.070	-0.070	0.090	0.003	-0.104	-0.191	9.5E-5	6.0E-5	3.1E-5	-2.0E-5	-1.9E-6	-2.7E-5
68	0.052	-0.030	-0.004	-0.039	-0.107	-0.266	-9.1E-4	-1.3E-3	3.4E-5	1.0E-5	4.3E-5	2.8E-5
69	0.024	-0.002	-0.005	-0.049	-0.106	-0.256	-8.7E-4	-1.3E-3	2.2E-4	2.1E-4	1.1E-5	-1.7E-5
70	0.008	-0.008	0.014	-0.033	-0.116	-0.238	-7.1E-6	-4.9E-4	-5.9E-5	-9.0E-5	-2.3E-5	-9.8E-5
71	0.034	-0.040	0.032	0.011	-0.105	-0.235	-5.8E-5	-5.4E-4	5.3E-5	3.8E-5	-7.7E-5	-8.7E-5
72	0.082	-0.062	0.026	-0.030	-0.116	-0.247	-8.4E-4	-1.2E-3	-2.0E-4	-2.4E-4	4.8E-5	1.8E-5
73	0.014	-0.004	-0.013	-0.036	-0.103	-0.245	0.0E+0	0.0E+0	-2.9E-5	-6.7E-5	-4.2E-5	-8.6E-5
74	0.007	-0.004	0.003	-0.022	-0.109	-0.236	0.0E+0	0.0E+0	-2.7E-5	-4.0E-5	6.8E-5	3.5E-5
75	0.064	-0.068	0.077	0.024	-0.114	-0.217	2.2E-6	-4.7E-4	5.4E-5	2.6E-5	-6.5E-6	-7.3E-5
76	-0.007	-0.035	0.012	-0.047	-0.104	-0.211	6.2E-5	4.4E-5	6.4E-6	-9.7E-6	5.1E-5	-2.1E-5
77	0.084	0.051	0.024	-0.039	-0.096	-0.244	6.3E-6	-1.7E-5	-7.7E-5	-9.4E-5	-3.5E-6	-3.1E-5
78	0.024	-0.065	0.034	-0.037	-0.125	-0.231	2.5E-6	-7.4E-6	2.5E-5	2.4E-5	1.1E-5	-2.3E-5
79	-0.012	-0.028	0.023	-0.057	-0.108	-0.209	3.1E-5	1.2E-5	-3.1E-5	-4.7E-5	5.1E-5	-1.3E-5
80	0.075	0.058	0.035	-0.045	-0.102	-0.253	-8.7E-6	-3.1E-5	-5.5E-5	-7.0E-5	-1.6E-5	-3.8E-5
81	0.109	0.024	0.102	0.036	-0.143	-0.299	7.7E-5	6.4E-5	-5.9E-5	-6.8E-5	-3.4E-5	-5.2E-5
82	0.085	0.050	0.031	-0.046	-0.094	-0.244	1.9E-6	-1.2E-5	-6.3E-5	-7.2E-5	-9.6E-6	-3.6E-5
83	0.057	-0.058	0.037	-0.039	-0.172	-0.196	2.4E-5	-2.5E-5	2.1E-5	-7.4E-5	-3.5E-6	-4.0E-5
84	0.029	-0.040	0.024	-0.026	-0.170	-0.190	2.5E-5	-5.3E-5	4.2E-5	-8.8E-6	4.7E-5	-4.3E-5
85	0.024	-0.035	0.019	-0.019	-0.173	-0.187	2.5E-6	-7.1E-5	1.1E-5	-5.2E-5	3.8E-5	-7.2E-5
86	0.057	-0.056	0.037	-0.039	-0.167	-0.204	2.1E-5	-1.5E-5	0.0E+0	0.0E+0	5.2E-5	-2.5E-5
87	0.049	-0.048	0.025	-0.038	-0.165	-0.206	1.8E-6	-3.4E-5	0.0E+0	0.0E+0	1.4E-4	6.2E-6
88	0.063	-0.053	0.055	-0.020	-0.142	-0.164	9.4E-5	4.4E-5	7.7E-5	-2.7E-5	1.4E-5	-2.3E-5
89	0.038	-0.020	0.016	-0.021	-0.144	-0.158	7.1E-5	-1.4E-6	5.5E-5	-1.3E-5	6.2E-5	-4.7E-5
90	0.043	-0.025	0.023	-0.027	-0.140	-0.160	9.3E-5	1.4E-5	2.0E-5	-3.8E-5	3.5E-5	-6.0E-5
91	0.052	-0.045	0.046	-0.017	-0.135	-0.176	7.4E-5	3.7E-5	0.0E+0	0.0E+0	-8.6E-6	-1.5E-4
92	0.060	-0.053	0.059	-0.016	-0.136	-0.173	9.0E-5	5.1E-5	0.0E+0	0.0E+0	4.8E-6	-7.4E-5
93	0.026	-0.026	0.021	-0.020	-0.172	-0.179	4.3E-5	-4.1E-5	5.7E-5	5.3E-5	7.7E-5	-8.2E-5
94	0.017	-0.018	0.012	-0.010	-0.167	-0.173	4.3E-5	-5.7E-5	1.2E-5	8.8E-6	9.8E-6	-1.8E-5
95	0.018	-0.043	0.034	-0.036	-0.153	-0.208	7.2E-6	-1.8E-5	0.0E+0	0.0E+0	3.3E-5	-9.9E-6
96	0.005	-0.030	0.029	-0.036	-0.146	-0.202	2.1E-5	-5.4E-5	0.0E+0	0.0E+0	1.9E-5	1.5E-5
97	0.018	-0.019	0.011	-0.011	-0.195	-0.201	8.9E-5	-9.9E-6	-3.5E-5	-4.0E-5	2.1E-5	-1.7E-5
98	0.026	-0.028	0.021	-0.022	-0.205	-0.212	1.0E-4	1.8E-5	-8.9E-5	-9.4E-5	8.4E-5	-7.7E-5
99	0.043	0.006	0.043	-0.021	-0.177	-0.231	5.8E-5	-8.6E-6	0.0E+0	0.0E+0	-5.8E-5	-6.0E-5
100	0.056	-0.007	0.055	-0.015	-0.187	-0.243	6.8E-5	4.7E-5	0.0E+0	0.0E+0	-1.0E-5	-5.5E-5
101	0.069	-0.064	0.042	-0.043	-0.149	-0.226	9.1E-6	-1.1E-5	1.2E-5	-3.8E-5	2.9E-6	-9.4E-6
102	0.068	-0.061	0.041	-0.043	-0.145	-0.231	8.9E-6	-1.3E-5	0.0E+0	0.0E+0	5.3E-5	8.5E-6
103	0.059	-0.053	0.031	-0.045	-0.143	-0.234	2.7E-5	-1.4E-5	0.0E+0	0.0E+0	1.3E-4	2.9E-5

RELAZIONE DI CALCOLO -

104	0.058	-0.057	0.074	-0.002	-0.111	-0.202	1.0E-4	5.4E-5	0.0E+0	0.0E+0	-3.2E-5	-1.6E-4
105	0.066	-0.065	0.087	0.001	-0.113	-0.198	9.3E-5	5.9E-5	0.0E+0	0.0E+0	-2.7E-5	-6.8E-5
106	0.069	-0.067	0.085	0.000	-0.117	-0.193	8.7E-5	6.1E-5	3.8E-5	-1.8E-5	-1.3E-5	-2.0E-5
107	-0.006	-0.038	0.030	-0.047	-0.126	-0.226	-4.1E-6	-2.5E-5	0.0E+0	0.0E+0	5.8E-5	2.1E-5
108	0.003	-0.047	0.032	-0.041	-0.130	-0.230	-4.3E-6	-1.4E-5	0.0E+0	0.0E+0	4.9E-5	2.0E-5
109	0.013	-0.038	0.032	-0.035	-0.151	-0.206	1.6E-5	-3.2E-5	0.0E+0	0.0E+0	3.3E-5	-5.3E-6
110	0.068	0.025	0.061	-0.011	-0.160	-0.261	3.6E-5	3.6E-5	0.0E+0	0.0E+0	-9.5E-5	-1.2E-4
111	0.076	0.016	0.071	0.001	-0.167	-0.268	4.9E-5	4.2E-5	0.0E+0	0.0E+0	-7.8E-5	-9.0E-5
112	0.047	0.002	0.047	-0.018	-0.180	-0.236	6.5E-5	6.3E-6	0.0E+0	0.0E+0	-4.8E-5	-6.8E-5
113	0.056	-0.006	0.055	-0.015	-0.186	-0.242	7.0E-5	4.5E-5	0.0E+0	0.0E+0	-1.1E-5	-5.6E-5
114	0.052	-0.052	0.032	-0.038	-0.166	-0.205	1.7E-5	-2.9E-5	0.0E+0	0.0E+0	1.2E-4	-6.3E-6
115	0.043	-0.041	0.013	-0.039	-0.164	-0.210	-9.3E-6	-5.2E-5	0.0E+0	0.0E+0	1.1E-4	1.2E-5
116	0.037	-0.035	0.004	-0.039	-0.162	-0.215	1.1E-5	-3.6E-5	0.0E+0	0.0E+0	1.0E-4	1.6E-6
117	0.027	-0.038	0.021	-0.023	-0.171	-0.188	1.4E-5	-6.2E-5	1.9E-5	-2.6E-5	4.7E-5	-6.7E-5
118	0.019	-0.031	0.017	-0.013	-0.179	-0.188	-1.7E-5	-8.5E-5	1.2E-5	-7.4E-5	1.5E-5	-5.4E-5
119	0.014	-0.026	0.016	-0.010	-0.185	-0.191	-3.7E-5	-9.9E-5	3.7E-6	-6.9E-5	-7.0E-7	-2.5E-5
120	0.048	-0.055	0.034	-0.037	-0.179	-0.188	9.3E-6	-8.0E-6	4.8E-5	-1.2E-4	-2.7E-5	-3.6E-5
121	0.037	-0.049	0.031	-0.034	-0.178	-0.187	7.8E-5	-7.2E-5	7.8E-5	-1.1E-4	-8.1E-8	-3.7E-5
122	0.024	-0.026	0.003	-0.035	-0.166	-0.213	5.2E-5	-4.9E-6	3.1E-4	1.6E-4	2.5E-5	3.4E-6
123	0.020	-0.022	0.006	-0.029	-0.172	-0.206	-9.7E-5	-9.9E-5	-1.0E-4	-1.9E-4	2.4E-5	2.8E-6
124	0.013	-0.021	0.012	-0.020	-0.179	-0.199	-3.5E-5	-1.3E-4	6.1E-5	1.8E-7	2.3E-5	1.9E-5
125	0.059	-0.065	0.027	-0.028	-0.165	-0.206	0.0E+0	0.0E+0	-1.7E-5	-1.0E-4	-2.1E-5	-2.4E-5
126	0.060	-0.062	0.033	-0.034	-0.166	-0.204	0.0E+0	0.0E+0	2.9E-6	-5.9E-5	-9.7E-6	-4.0E-5
127	0.035	-0.038	0.018	-0.019	-0.174	-0.186	1.8E-5	-3.3E-5	1.6E-4	8.1E-5	4.3E-5	9.5E-6
128	0.034	-0.041	0.022	-0.023	-0.172	-0.188	2.9E-5	-3.7E-5	1.1E-4	3.5E-5	3.5E-5	2.1E-5
129	0.046	-0.067	0.020	-0.021	-0.169	-0.200	0.0E+0	0.0E+0	9.2E-5	-1.0E-4	9.2E-6	-3.7E-5
130	0.036	-0.059	0.018	-0.019	-0.174	-0.192	0.0E+0	0.0E+0	9.4E-5	-1.1E-4	2.3E-5	-4.7E-5
131	0.030	-0.049	0.016	-0.017	-0.179	-0.187	0.0E+0	0.0E+0	1.2E-4	-3.0E-5	3.9E-5	-4.2E-5
132	0.030	-0.029	-0.005	-0.034	-0.156	-0.218	0.0E+0	0.0E+0	9.3E-5	2.5E-5	9.2E-6	-2.2E-5
133	0.031	-0.032	-0.011	-0.027	-0.151	-0.216	0.0E+0	0.0E+0	1.2E-5	-4.5E-5	8.8E-6	-5.1E-5
134	0.011	-0.019	0.012	-0.004	-0.176	-0.187	-7.7E-5	-1.1E-4	-1.6E-5	-5.6E-5	3.1E-5	1.7E-5
135	0.014	-0.018	0.007	0.001	-0.166	-0.178	-1.3E-4	-1.3E-4	-2.1E-5	-4.7E-5	3.9E-5	1.1E-5
136	0.031	-0.029	-0.015	-0.016	-0.149	-0.205	0.0E+0	0.0E+0	6.1E-5	-5.2E-5	3.3E-5	-2.0E-5
137	0.026	-0.023	-0.008	-0.013	-0.152	-0.193	0.0E+0	0.0E+0	7.1E-5	-5.6E-5	2.9E-5	2.5E-6
138	0.021	-0.018	-0.001	-0.007	-0.154	-0.180	0.0E+0	0.0E+0	3.8E-5	-5.9E-5	2.8E-5	6.9E-6
139	0.040	-0.033	0.023	-0.019	-0.131	-0.185	8.4E-5	4.0E-5	0.0E+0	0.0E+0	-1.4E-5	-1.1E-4
140	0.046	-0.039	0.034	-0.018	-0.133	-0.180	5.8E-5	1.5E-5	0.0E+0	0.0E+0	-1.9E-5	-1.2E-4
141	0.056	-0.049	0.053	-0.016	-0.135	-0.174	8.5E-5	3.8E-5	0.0E+0	0.0E+0	6.9E-7	-1.3E-4
142	0.029	-0.010	0.011	-0.014	-0.155	-0.161	3.3E-5	-2.7E-5	7.0E-5	-9.3E-6	8.8E-6	-1.5E-5
143	0.034	-0.015	0.013	-0.016	-0.150	-0.159	5.2E-5	-1.5E-5	7.4E-5	-1.7E-5	4.2E-5	-2.6E-5
144	0.041	-0.022	0.019	-0.025	-0.142	-0.158	8.2E-5	6.4E-6	3.3E-5	-1.8E-5	5.9E-5	-5.7E-5
145	0.031	-0.020	0.015	-0.023	-0.135	-0.183	1.4E-4	8.2E-5	-1.8E-4	-3.4E-4	-2.7E-5	-4.8E-5
146	0.026	-0.016	0.012	-0.023	-0.141	-0.177	-4.1E-5	-4.3E-5	2.0E-4	1.1E-4	-2.3E-5	-4.3E-5
147	0.024	-0.009	0.011	-0.020	-0.148	-0.170	4.0E-5	-4.9E-5	-5.8E-6	-7.4E-5	-4.0E-5	-4.3E-5
148	0.058	-0.044	0.047	-0.025	-0.149	-0.157	8.0E-5	6.0E-5	1.1E-4	-5.6E-5	1.2E-5	-2.4E-6
149	0.052	-0.034	0.037	-0.028	-0.147	-0.157	1.4E-4	-5.3E-6	1.1E-4	-8.2E-5	1.8E-5	-2.4E-5
150	0.034	-0.032	0.006	-0.009	-0.132	-0.198	3.9E-6	-1.0E-6	5.1E-5	-1.3E-5	2.7E-5	-2.9E-5
151	0.032	-0.029	0.012	-0.015	-0.131	-0.193	-1.8E-6	-7.8E-6	-2.3E-5	-1.0E-4	-1.9E-7	-3.0E-5
152	0.019	-0.014	0.001	-0.005	-0.148	-0.160	-5.2E-5	-5.4E-5	4.7E-5	1.6E-5	-2.4E-5	-5.5E-5
153	0.021	-0.009	0.005	-0.010	-0.152	-0.163	-6.3E-6	-3.3E-5	5.5E-5	8.2E-6	-3.6E-5	-5.0E-5
154	0.028	-0.035	-0.002	-0.003	-0.137	-0.191	5.6E-6	-4.0E-6	7.2E-5	-5.2E-5	-1.4E-5	-6.9E-5
155	0.022	-0.029	-0.002	-0.006	-0.139	-0.180	5.5E-6	-5.0E-6	7.2E-5	-6.5E-5	-2.5E-5	-5.1E-5
156	0.018	-0.023	0.000	-0.007	-0.142	-0.168	5.6E-6	-2.4E-6	7.3E-5	-3.1E-5	-2.0E-5	-4.4E-5
157	0.064	-0.059	0.056	-0.011	-0.141	-0.178	0.0E+0	0.0E+0	6.6E-5	-2.4E-6	8.7E-6	-2.0E-5
158	0.065	-0.060	0.050	-0.005	-0.145	-0.185	0.0E+0	0.0E+0	1.0E-4	1.8E-5	-1.5E-7	-1.3E-6
159	0.043	-0.031	0.021	-0.024	-0.147	-0.164	9.7E-5	3.0E-5	-2.0E-5	-9.9E-5	-4.0E-5	-5.1E-5
160	0.039	-0.034	0.017	-0.020	-0.154	-0.166	8.7E-5	3.5E-5	-6.3E-5	-1.4E-4	-2.7E-5	-5.7E-5
161	0.066	-0.048	0.037	-0.004	-0.154	-0.185	0.0E+0	0.0E+0	1.1E-4	-8.6E-5	2.4E-5	-2.1E-5
162	0.058	-0.038	0.029	-0.008	-0.159	-0.177	0.0E+0	0.0E+0	1.1E-4	-9.3E-5	3.4E-5	-3.5E-5
163	0.048	-0.031	0.021	-0.012	-0.165	-0.172	0.0E+0	0.0E+0	3.8E-5	-1.2E-4	3.0E-5	-4.9E-5
164	0.006	-0.007	0.014	-0.029	-0.152	-0.212	0.0E+0	0.0E+0	7.6E-6	5.4E-6	1.9E-5	-4.9E-6
165	0.004	-0.004	0.019	-0.018	-0.172	-0.180	4.0E-5	1.1E-5	-1.5E-5	-2.1E-5	1.6E-5	-9.1E-6
166	0.008	-0.004	0.023	-0.032	-0.160	-0.205	0.0E+0	0.0E+0	-2.3E-6	-1.4E-5	-2.3E-5	-2.8E-5
167	0.007	-0.004	0.025	-0.030	-0.164	-0.195	0.0E+0	0.0E+0	1.7E-5	-1.4E-5	1.2E-6	-3.3E-5
168	0.005	-0.003	0.026	-0.027	-0.169	-0.184	0.0E+0	0.0E+0	6.5E-6	-2.2E-5	-3.7E-6	-2.2E-5
169	0.006	-0.008	0.012	-0.021	-0.155	-0.201	-2.9E-5	-3.2E-5	9.1E-6	-6.2E-7	-1.0E-5	-1.6E-5
170	0.006	-0.007	0.014	-0.019	-0.161	-0.193	-2.4E-5	-2.6E-5	1.3E-5	-9.4E-6	-7.6E-6	-1.5E-5
171	0.006	-0.007	0.015	-0.016	-0.166	-0.185	1.4E-6	-3.6E-5	3.3E-5	-1.9E-5	9.1E-6	-1.6E-5
172	0.006	-0.007	0.017	-0.025	-0.151	-0.210	0.0E+0	0.0E+0	-3.3E-6	-5.2E-6	5.0E-6	-2.7E-6
173	0.004	-0.004	0.017	-0.020	-0.170	-0.178	5.7E-5	2.8E-5	3.9E-5	3.3E-5	1.6E-5	-9.8E-6
174	0.006	-0.007	0.014	-0.019	-0.155	-0.201	-1.4E-5	-1.7E-5	7.4E-6	-1.8E-6	4.8E-6	3.6E-6
175	0.007	-0.007	0.015	-0.018	-0.160	-0.193	-8.6E-6	-1.1E-5	1.6E-5	-7.4E-6	1.3E-5	7.2E-6

RELAZIONE DI CALCOLO -

176	0.007	-0.006	0.015	-0.017	-0.166	-0.185	1.5E-5	-2.2E-5	2.6E-5	-2.5E-5	2.5E-5	9.6E-7
177	0.005	-0.009	0.024	-0.030	-0.157	-0.203	0.0E+0	0.0E+0	6.1E-6	-1.1E-5	2.2E-5	1.7E-5
178	0.003	-0.009	0.025	-0.029	-0.162	-0.192	0.0E+0	0.0E+0	9.0E-6	-2.7E-5	3.6E-5	7.1E-6
179	0.001	-0.007	0.025	-0.027	-0.166	-0.182	0.0E+0	0.0E+0	1.5E-5	-1.7E-5	3.4E-5	1.6E-5
180	0.030	-0.057	0.030	-0.029	-0.160	-0.213	0.0E+0	0.0E+0	4.5E-5	5.0E-6	1.6E-5	-9.8E-6
181	0.029	-0.056	0.023	-0.022	-0.159	-0.213	0.0E+0	0.0E+0	6.0E-5	-2.1E-5	1.0E-5	-1.4E-5
182	0.029	-0.055	0.015	-0.015	-0.159	-0.213	0.0E+0	0.0E+0	7.3E-5	-5.0E-5	-4.8E-6	-1.1E-5
183	0.031	-0.056	0.008	-0.007	-0.160	-0.212	0.0E+0	0.0E+0	7.8E-5	-7.4E-5	1.4E-5	-3.6E-5
184	0.037	-0.058	0.001	0.000	-0.160	-0.211	0.0E+0	0.0E+0	6.9E-5	-8.8E-5	3.2E-5	-7.2E-5
185	0.045	-0.061	0.007	-0.007	-0.161	-0.210	0.0E+0	0.0E+0	5.0E-5	-9.6E-5	3.8E-5	-8.2E-5
186	0.055	-0.065	0.014	-0.015	-0.162	-0.209	0.0E+0	0.0E+0	1.4E-5	-1.1E-4	2.6E-5	-1.3E-4
187	0.030	-0.030	0.025	-0.026	-0.183	-0.189	1.7E-5	-9.6E-6	1.1E-4	1.1E-5	8.8E-5	-9.3E-5
188	0.021	-0.020	0.020	-0.020	-0.182	-0.189	3.9E-6	-2.2E-6	1.3E-4	7.7E-6	9.0E-5	-9.5E-5
189	0.013	-0.012	0.014	-0.015	-0.182	-0.189	3.2E-6	-1.5E-6	1.5E-4	8.3E-6	5.4E-5	-5.8E-5
190	0.010	-0.009	0.008	-0.009	-0.182	-0.188	7.1E-6	-3.8E-6	1.6E-4	1.5E-5	2.9E-6	-5.6E-6
191	0.013	-0.011	0.002	-0.004	-0.182	-0.188	1.1E-5	-4.4E-6	1.7E-4	3.0E-5	4.8E-5	-4.8E-5
192	0.020	-0.018	0.002	-0.003	-0.180	-0.187	1.8E-5	-2.3E-6	1.8E-4	5.5E-5	8.8E-5	-8.4E-5
193	0.028	-0.028	0.008	-0.009	-0.178	-0.186	2.8E-5	1.8E-6	1.9E-4	9.0E-5	9.7E-5	-8.7E-5
194	0.033	-0.054	0.038	-0.037	-0.166	-0.205	1.1E-5	-1.1E-5	5.0E-5	8.1E-6	9.7E-6	8.1E-7
195	0.034	-0.050	0.037	-0.036	-0.173	-0.197	4.9E-6	-2.0E-6	4.2E-5	2.7E-5	9.7E-6	-2.5E-6
196	0.035	-0.044	0.035	-0.035	-0.179	-0.191	5.6E-5	-5.1E-5	9.3E-5	-7.0E-6	9.3E-6	-7.1E-6
197	-0.001	-0.001	0.011	-0.021	-0.150	-0.209	-2.0E-5	-3.0E-5	0.0E+0	0.0E+0	-2.6E-5	-2.7E-5
198	0.000	0.000	0.013	-0.014	-0.171	-0.181	1.4E-5	-1.8E-6	2.4E-6	2.1E-6	1.4E-5	1.4E-5
199	0.004	-0.009	0.002	-0.016	-0.148	-0.206	0.0E+0	0.0E+0	1.2E-5	6.8E-6	-7.0E-6	-3.0E-5
200	0.000	-0.009	-0.006	-0.010	-0.146	-0.203	0.0E+0	0.0E+0	2.6E-5	8.2E-6	4.0E-6	-3.9E-5
201	-0.004	-0.008	-0.003	-0.013	-0.143	-0.199	0.0E+0	0.0E+0	4.1E-5	8.2E-6	1.7E-5	-5.1E-5
202	-0.006	-0.009	0.004	-0.020	-0.142	-0.196	0.0E+0	0.0E+0	4.8E-5	1.2E-5	2.9E-5	-6.1E-5
203	-0.003	-0.015	0.012	-0.027	-0.140	-0.191	0.0E+0	0.0E+0	5.1E-5	1.5E-5	3.7E-5	-6.7E-5
204	0.006	-0.005	0.010	-0.008	-0.170	-0.179	-2.0E-5	-2.4E-5	4.1E-6	-4.3E-6	4.4E-6	-9.6E-6
205	0.006	-0.006	0.005	-0.003	-0.168	-0.177	-2.2E-5	-3.5E-5	2.5E-7	-2.4E-6	1.1E-6	-1.4E-5
206	0.006	-0.008	0.003	0.000	-0.166	-0.174	-2.2E-5	-4.0E-5	3.8E-6	-9.8E-6	2.5E-6	-1.7E-5
207	0.006	-0.009	0.009	-0.005	-0.164	-0.171	-2.1E-5	-4.6E-5	6.4E-6	-1.9E-5	-2.3E-7	-9.9E-6
208	0.006	-0.009	0.014	-0.010	-0.161	-0.167	-1.7E-5	-5.5E-5	5.6E-6	-2.6E-5	1.8E-5	-1.7E-5
209	0.002	-0.017	0.020	-0.030	-0.144	-0.179	0.0E+0	0.0E+0	5.6E-5	1.2E-5	4.5E-5	-6.6E-5
210	0.002	-0.012	0.021	-0.026	-0.150	-0.171	0.0E+0	0.0E+0	6.4E-5	-3.8E-6	6.3E-5	-8.4E-5
211	0.000	-0.003	0.021	-0.021	-0.156	-0.165	0.0E+0	0.0E+0	1.2E-4	-6.2E-5	9.9E-5	-1.1E-4
212	0.025	0.012	0.015	-0.024	-0.148	-0.200	0.0E+0	0.0E+0	-3.9E-5	-8.2E-5	9.7E-5	-4.0E-6
213	0.016	0.012	0.008	-0.017	-0.148	-0.202	0.0E+0	0.0E+0	-2.5E-5	-6.7E-5	9.8E-5	9.0E-6
214	0.011	0.007	0.001	-0.010	-0.148	-0.204	0.0E+0	0.0E+0	-9.1E-6	-4.7E-5	9.0E-5	2.1E-5
215	0.008	0.000	-0.002	-0.006	-0.149	-0.206	0.0E+0	0.0E+0	2.3E-7	-2.2E-5	7.0E-5	2.5E-5
216	0.007	-0.006	0.005	-0.013	-0.149	-0.207	0.0E+0	0.0E+0	5.6E-6	-1.9E-6	4.2E-5	1.6E-5
217	0.006	-0.009	0.012	-0.012	-0.169	-0.175	-1.8E-6	-4.1E-5	-4.4E-5	-7.6E-5	1.4E-5	-2.1E-5
218	0.007	-0.009	0.007	-0.007	-0.170	-0.177	-4.2E-6	-3.0E-5	-3.3E-5	-5.8E-5	-2.3E-7	-1.0E-5
219	0.007	-0.007	0.001	-0.002	-0.171	-0.178	-4.1E-6	-2.3E-5	-2.5E-5	-3.9E-5	4.3E-6	-1.5E-5
220	0.007	-0.006	0.003	-0.005	-0.171	-0.180	-4.1E-6	-1.6E-5	-1.7E-5	-2.0E-5	3.3E-6	-1.1E-5
221	0.006	-0.005	0.008	-0.010	-0.172	-0.181	-2.0E-6	-5.6E-6	-2.0E-6	-1.0E-5	6.5E-6	-7.2E-6
222	0.025	0.007	0.022	-0.028	-0.154	-0.189	0.0E+0	0.0E+0	-4.6E-5	-9.2E-5	7.2E-5	-3.5E-5
223	0.017	0.003	0.022	-0.025	-0.160	-0.181	0.0E+0	0.0E+0	-3.1E-5	-9.9E-5	8.3E-5	-6.2E-5
224	0.006	0.003	0.020	-0.021	-0.165	-0.174	0.0E+0	0.0E+0	3.2E-5	-1.5E-4	1.1E-4	-1.0E-4
225	0.063	-0.057	0.038	0.009	-0.154	-0.201	0.0E+0	0.0E+0	1.1E-4	-1.5E-5	1.3E-4	-2.3E-5
226	0.061	-0.046	0.030	0.016	-0.160	-0.209	0.0E+0	0.0E+0	9.0E-5	-5.6E-5	1.0E-4	-1.8E-5
227	0.060	-0.035	0.024	0.023	-0.166	-0.217	0.0E+0	0.0E+0	7.3E-5	-8.3E-5	1.0E-4	-3.7E-6
228	0.061	-0.027	0.031	0.016	-0.173	-0.225	0.0E+0	0.0E+0	4.9E-5	-1.0E-4	6.9E-5	1.6E-5
229	0.063	-0.021	0.038	0.009	-0.179	-0.233	0.0E+0	0.0E+0	1.7E-5	-1.0E-4	4.0E-5	3.2E-5
230	0.067	-0.019	0.046	0.001	-0.186	-0.240	0.0E+0	0.0E+0	-1.7E-5	-9.6E-5	3.5E-5	1.2E-5
231	0.069	-0.018	0.054	-0.006	-0.193	-0.247	0.0E+0	0.0E+0	-4.5E-5	-8.4E-5	2.2E-5	-4.2E-6
232	0.027	-0.029	0.007	-0.010	-0.170	-0.178	9.5E-5	6.8E-5	-7.5E-5	-1.8E-4	8.2E-5	-1.0E-4
233	0.017	-0.021	0.001	-0.004	-0.179	-0.186	8.6E-5	6.4E-5	-4.9E-5	-1.8E-4	8.4E-5	-8.9E-5
234	0.010	-0.014	0.002	-0.004	-0.187	-0.194	7.9E-5	6.3E-5	-3.3E-5	-1.8E-4	4.9E-5	-4.7E-5
235	0.008	-0.011	0.008	-0.010	-0.195	-0.201	7.5E-5	6.4E-5	-2.6E-5	-1.7E-4	6.4E-6	-1.7E-6
236	0.011	-0.014	0.013	-0.016	-0.201	-0.208	7.2E-5	6.6E-5	-2.7E-5	-1.7E-4	5.8E-5	-5.3E-5
237	0.019	-0.022	0.019	-0.021	-0.208	-0.215	7.2E-5	6.6E-5	-3.4E-5	-1.6E-4	9.4E-5	-9.1E-5
238	0.029	-0.031	0.025	-0.027	-0.216	-0.222	8.4E-5	5.9E-5	-4.5E-5	-1.4E-4	9.1E-5	-9.0E-5
239	0.063	-0.024	0.055	-0.019	-0.207	-0.245	8.0E-5	5.8E-5	-4.6E-5	-8.9E-5	-2.4E-7	-9.8E-6
240	0.056	-0.029	0.048	-0.025	-0.213	-0.237	7.4E-5	6.6E-5	-6.4E-5	-8.2E-5	3.7E-6	-9.3E-6
241	0.047	-0.033	0.040	-0.029	-0.219	-0.231	1.2E-4	1.8E-5	-3.4E-5	-1.3E-4	7.4E-6	-9.0E-6
242	0.005	-0.022	0.027	-0.037	-0.143	-0.174	-4.0E-6	-6.2E-5	6.2E-5	7.1E-6	2.8E-5	-4.0E-5
243	0.007	-0.017	0.028	-0.032	-0.150	-0.166	-2.0E-5	-3.6E-5	3.6E-5	2.8E-5	3.3E-5	-4.1E-5
244	0.007	-0.012	0.027	-0.027	-0.157	-0.162	3.8E-5	-9.5E-5	1.0E-4	-3.9E-5	5.9E-5	-6.8E-5
245	0.030	0.004	0.029	-0.035	-0.154	-0.185	1.1E-5	-4.7E-5	-4.7E-5	-1.0E-4	3.5E-5	-2.9E-5
246	0.022	-0.001	0.028	-0.032	-0.161	-0.177	-2.5E-6	-1.9E-5	-6.9E-5	-7.7E-5	3.4E-5	-3.8E-5
247	0.014	-0.005	0.027	-0.028	-0.168	-0.173	5.2E-5	-8.1E-5	4.2E-6	-1.3E-4	5.7E-5	-7.0E-5

RELAZIONE DI CALCOLO -

248	0.025	-0.050	0.037	-0.037	-0.156	-0.210	-4.2E-7	-2.8E-6	0.0E+0	0.0E+0	2.3E-5	-7.6E-6
249	0.009	-0.034	0.030	-0.035	-0.148	-0.204	2.1E-5	-4.4E-5	0.0E+0	0.0E+0	2.9E-5	4.1E-6
250	0.000	-0.024	0.028	-0.038	-0.144	-0.198	1.7E-5	-6.0E-5	0.0E+0	0.0E+0	2.6E-5	6.4E-6
251	-0.006	-0.018	0.028	-0.040	-0.142	-0.195	8.0E-6	-6.1E-5	0.0E+0	0.0E+0	2.9E-5	2.1E-7
252	-0.011	-0.012	0.028	-0.042	-0.141	-0.192	-3.2E-6	-5.8E-5	0.0E+0	0.0E+0	2.5E-5	8.5E-8
253	0.031	-0.031	0.028	-0.028	-0.178	-0.185	4.1E-5	-3.1E-5	7.3E-5	3.4E-5	6.5E-5	-6.9E-5
254	0.022	-0.022	0.015	-0.014	-0.168	-0.175	4.3E-5	-4.9E-5	3.7E-5	2.6E-5	5.2E-5	-5.8E-5
255	0.014	-0.014	0.013	-0.010	-0.166	-0.172	4.3E-5	-6.2E-5	1.8E-5	1.5E-5	1.5E-5	-2.5E-5
256	0.010	-0.010	0.016	-0.013	-0.164	-0.170	4.0E-5	-6.6E-5	3.5E-5	1.8E-5	4.1E-5	-5.1E-5
257	0.006	-0.006	0.020	-0.016	-0.162	-0.168	3.6E-5	-6.6E-5	4.7E-5	1.5E-5	5.2E-5	-6.2E-5
258	-0.004	-0.013	0.028	-0.038	-0.145	-0.180	-7.2E-6	-5.7E-5	0.0E+0	0.0E+0	1.3E-5	-4.2E-6
259	-0.002	-0.008	0.028	-0.033	-0.151	-0.173	8.0E-6	-6.9E-5	0.0E+0	0.0E+0	3.2E-5	-2.6E-5
260	-0.002	-0.003	0.027	-0.026	-0.156	-0.166	2.4E-5	-8.0E-5	0.0E+0	0.0E+0	3.8E-5	-3.7E-5
261	-0.001	-0.022	0.027	-0.043	-0.138	-0.184	-1.3E-5	-6.2E-5	0.0E+0	0.0E+0	1.6E-5	-1.5E-5
262	0.001	-0.001	0.026	-0.021	-0.154	-0.163	2.7E-5	-6.4E-5	6.1E-5	-5.2E-6	3.3E-6	-2.9E-6
263	0.025	0.023	0.034	-0.035	-0.161	-0.211	1.3E-5	-3.8E-5	0.0E+0	0.0E+0	-2.7E-5	-5.4E-5
264	0.031	0.017	0.036	-0.031	-0.166	-0.218	3.1E-5	-3.4E-5	0.0E+0	0.0E+0	-3.3E-5	-6.1E-5
265	0.037	0.012	0.039	-0.026	-0.171	-0.225	4.7E-5	-2.4E-5	0.0E+0	0.0E+0	-4.5E-5	-6.2E-5
266	0.051	-0.002	0.051	-0.016	-0.183	-0.239	6.7E-5	2.6E-5	0.0E+0	0.0E+0	-2.4E-5	-7.7E-5
267	0.063	-0.013	0.059	-0.014	-0.194	-0.248	6.5E-5	6.4E-5	0.0E+0	0.0E+0	-5.5E-6	-3.4E-5
268	0.005	-0.007	0.018	-0.018	-0.181	-0.187	6.6E-5	-3.6E-5	-5.5E-5	-8.7E-5	5.7E-5	-5.6E-5
269	0.009	-0.011	0.014	-0.014	-0.187	-0.193	7.6E-5	-3.0E-5	-5.7E-5	-7.2E-5	4.5E-5	-4.4E-5
270	0.013	-0.015	0.011	-0.011	-0.191	-0.198	8.3E-5	-2.2E-5	-4.9E-5	-5.1E-5	1.7E-5	-1.6E-5
271	0.022	-0.024	0.015	-0.015	-0.198	-0.205	9.4E-5	4.0E-6	-5.3E-5	-6.6E-5	6.2E-5	-5.6E-5
272	0.030	-0.032	0.028	-0.029	-0.214	-0.221	1.0E-4	3.3E-5	-7.6E-5	-1.2E-4	6.7E-5	-6.1E-5
273	0.021	0.013	0.031	-0.035	-0.161	-0.196	7.5E-6	-4.1E-5	0.0E+0	0.0E+0	-9.6E-6	-2.8E-5
274	0.014	0.008	0.030	-0.031	-0.167	-0.189	2.5E-5	-5.1E-5	0.0E+0	0.0E+0	1.5E-5	-4.3E-5
275	0.005	0.004	0.027	-0.026	-0.173	-0.182	4.5E-5	-5.8E-5	0.0E+0	0.0E+0	3.0E-5	-4.5E-5
276	0.034	0.014	0.031	-0.040	-0.151	-0.197	-8.1E-7	-4.9E-5	0.0E+0	0.0E+0	6.5E-6	-2.0E-5
277	0.000	-0.002	0.024	-0.023	-0.168	-0.177	5.0E-5	-4.1E-5	-4.0E-5	-1.1E-4	2.1E-6	-4.2E-6
278	0.064	-0.057	0.037	-0.044	-0.144	-0.233	1.3E-5	-1.6E-5	0.0E+0	0.0E+0	9.9E-5	2.2E-5
279	0.053	-0.046	0.019	-0.048	-0.142	-0.236	3.0E-5	-2.1E-5	0.0E+0	0.0E+0	1.2E-4	2.9E-5
280	0.046	-0.039	0.010	-0.050	-0.140	-0.239	5.7E-5	8.6E-7	0.0E+0	0.0E+0	9.5E-5	2.4E-5
281	0.066	-0.062	0.041	-0.042	-0.155	-0.219	8.3E-6	-1.1E-5	1.5E-5	-3.3E-5	-6.2E-6	-2.4E-5
282	0.063	-0.061	0.039	-0.041	-0.161	-0.211	2.0E-5	-1.1E-5	2.0E-5	-3.7E-5	1.0E-5	-3.2E-5
283	0.036	-0.032	0.004	-0.050	-0.145	-0.236	1.1E-4	5.1E-5	2.9E-4	2.7E-4	1.3E-5	6.8E-6
284	0.035	-0.030	0.002	-0.048	-0.150	-0.230	-4.8E-5	-9.9E-5	-2.0E-4	-2.6E-4	1.4E-5	-3.2E-6
285	0.034	-0.028	0.001	-0.045	-0.156	-0.224	9.1E-5	3.2E-5	2.9E-4	2.8E-4	1.3E-5	-2.2E-6
286	0.064	-0.066	0.031	-0.031	-0.144	-0.232	0.0E+0	0.0E+0	-3.4E-5	-6.7E-5	-2.0E-5	-6.9E-5
287	0.069	-0.065	0.036	-0.037	-0.145	-0.231	0.0E+0	0.0E+0	-1.9E-6	-4.3E-5	-1.6E-5	-4.8E-5
288	0.058	-0.070	0.024	-0.025	-0.149	-0.227	0.0E+0	0.0E+0	7.4E-5	5.6E-5	-9.1E-6	-1.2E-5
289	0.063	-0.067	0.023	-0.024	-0.154	-0.220	0.0E+0	0.0E+0	4.0E-5	3.3E-5	-9.9E-6	-1.8E-5
290	0.066	-0.063	0.022	-0.023	-0.159	-0.214	0.0E+0	0.0E+0	6.4E-5	5.0E-5	-9.5E-6	-1.7E-5
291	0.039	-0.030	0.000	-0.046	-0.137	-0.244	0.0E+0	0.0E+0	1.5E-5	-1.5E-5	2.2E-7	-7.4E-6
292	0.035	-0.033	-0.007	-0.039	-0.135	-0.247	0.0E+0	0.0E+0	-8.7E-6	-3.9E-5	-5.4E-5	-6.8E-5
293	0.033	-0.034	-0.015	-0.030	-0.137	-0.242	0.0E+0	0.0E+0	-2.2E-5	-2.5E-5	-1.4E-5	-2.0E-5
294	0.032	-0.035	-0.017	-0.027	-0.140	-0.233	0.0E+0	0.0E+0	-1.3E-5	-1.5E-5	-1.6E-5	-2.5E-5
295	0.030	-0.036	-0.017	-0.024	-0.144	-0.225	0.0E+0	0.0E+0	-2.6E-6	-2.4E-5	-2.1E-5	-3.0E-5
296	0.044	-0.044	0.048	-0.009	-0.108	-0.208	1.1E-4	7.2E-5	0.0E+0	0.0E+0	-2.7E-5	-1.0E-4
297	0.051	-0.050	0.060	-0.006	-0.110	-0.205	8.1E-5	4.1E-5	0.0E+0	0.0E+0	-3.9E-5	-1.5E-4
298	0.062	-0.061	0.081	-0.001	-0.112	-0.200	9.1E-5	5.4E-5	0.0E+0	0.0E+0	-3.2E-5	-1.3E-4
299	0.038	-0.033	0.036	-0.016	-0.113	-0.206	2.0E-4	1.5E-4	-3.1E-4	-3.4E-4	-3.7E-5	-3.8E-5
300	0.035	-0.032	0.029	-0.019	-0.118	-0.200	-9.4E-6	-5.7E-5	2.9E-4	2.3E-4	-2.5E-5	-4.0E-5
301	0.033	-0.031	0.023	-0.021	-0.124	-0.195	1.8E-4	1.3E-4	-3.0E-4	-3.3E-4	-2.2E-5	-3.7E-5
302	0.067	-0.064	0.077	-0.006	-0.124	-0.186	8.3E-5	6.1E-5	3.4E-5	-1.9E-5	-1.2E-5	-2.1E-5
303	0.065	-0.060	0.069	-0.011	-0.130	-0.179	9.1E-5	5.7E-5	4.4E-5	-2.0E-5	-2.8E-6	-4.0E-5
304	0.036	-0.036	0.030	0.000	-0.115	-0.227	3.7E-6	2.6E-6	4.8E-5	3.4E-5	2.0E-5	-1.3E-6
305	0.035	-0.037	0.036	-0.006	-0.111	-0.219	-5.0E-6	-6.8E-6	-6.6E-5	-8.9E-5	1.8E-5	1.0E-5
306	0.033	-0.037	0.016	0.004	-0.123	-0.228	3.6E-6	3.4E-6	4.7E-5	4.4E-5	-1.9E-5	-3.3E-5
307	0.036	-0.035	0.010	0.001	-0.127	-0.219	1.8E-6	1.8E-6	2.3E-5	2.3E-5	3.4E-6	-2.2E-6
308	0.037	-0.034	0.005	-0.001	-0.130	-0.211	2.8E-6	1.0E-6	3.7E-5	1.3E-5	1.5E-5	6.2E-6
309	0.068	-0.067	0.083	0.008	-0.119	-0.204	0.0E+0	0.0E+0	2.1E-5	-3.2E-6	4.6E-5	-1.8E-5
310	0.067	-0.063	0.077	0.014	-0.124	-0.211	0.0E+0	0.0E+0	6.1E-6	2.8E-6	4.3E-5	-1.5E-5
311	0.067	-0.063	0.064	0.015	-0.134	-0.211	0.0E+0	0.0E+0	-3.4E-5	-6.1E-5	1.5E-6	4.8E-7
312	0.065	-0.066	0.058	0.010	-0.139	-0.205	0.0E+0	0.0E+0	-2.1E-5	-3.0E-5	8.5E-6	4.4E-7
313	0.062	-0.068	0.051	0.005	-0.144	-0.199	0.0E+0	0.0E+0	-3.0E-5	-4.5E-5	6.6E-6	-1.4E-6
314	0.005	-0.008	0.001	-0.037	-0.132	-0.239	0.0E+0	0.0E+0	3.6E-6	-2.0E-6	1.7E-5	-1.4E-6
315	0.008	-0.006	0.010	-0.040	-0.140	-0.236	0.0E+0	0.0E+0	-1.1E-5	-1.4E-5	-1.9E-5	-2.4E-5
316	0.007	-0.006	0.013	-0.038	-0.144	-0.229	0.0E+0	0.0E+0	-1.1E-5	-1.6E-5	7.0E-6	-4.0E-6
317	0.005	-0.008	0.016	-0.037	-0.150	-0.222	0.0E+0	0.0E+0	-2.6E-5	-3.5E-5	2.5E-5	1.2E-5
318	0.005	-0.009	-0.001	-0.029	-0.135	-0.229	-2.4E-5	-4.1E-5	8.8E-6	8.5E-6	-3.1E-5	-3.7E-5
319	0.005	-0.008	0.003	-0.027	-0.140	-0.222	-2.3E-5	-4.0E-5	1.3E-7	-3.6E-7	-2.8E-5	-3.4E-5

RELAZIONE DI CALCOLO -

320	0.005	-0.008	0.006	-0.025	-0.145	-0.216	-2.5E-5	-3.8E-5	4.8E-6	1.2E-6	-2.1E-5	-2.2E-5
321	0.005	-0.009	0.010	-0.028	-0.130	-0.237	0.0E+0	0.0E+0	7.6E-6	3.9E-7	2.8E-6	-4.1E-7
322	0.005	-0.008	0.007	-0.022	-0.134	-0.228	-9.2E-6	-2.6E-5	5.5E-6	4.3E-6	4.4E-6	-9.0E-6
323	0.005	-0.008	0.009	-0.021	-0.140	-0.222	-4.3E-6	-2.2E-5	5.2E-6	2.4E-6	-1.7E-6	-1.3E-5
324	0.006	-0.008	0.010	-0.021	-0.145	-0.215	-8.7E-6	-2.3E-5	4.9E-6	2.3E-6	-2.4E-6	-8.8E-6
325	0.005	-0.009	0.018	-0.032	-0.137	-0.233	0.0E+0	0.0E+0	1.3E-5	1.3E-5	2.2E-6	-1.6E-6
326	0.006	-0.008	0.019	-0.032	-0.141	-0.226	0.0E+0	0.0E+0	1.7E-5	1.2E-5	-2.9E-6	-5.1E-6
327	0.007	-0.006	0.021	-0.032	-0.147	-0.219	0.0E+0	0.0E+0	1.8E-5	1.1E-5	-1.5E-5	-1.7E-5
328	0.026	-0.067	0.029	-0.028	-0.138	-0.238	0.0E+0	0.0E+0	2.7E-5	1.1E-5	8.1E-6	-5.5E-5
329	0.033	-0.068	0.021	-0.020	-0.138	-0.238	0.0E+0	0.0E+0	2.5E-5	-9.0E-6	4.2E-6	-6.7E-5
330	0.040	-0.068	0.013	-0.013	-0.138	-0.238	0.0E+0	0.0E+0	2.3E-5	-2.6E-5	9.4E-7	-7.4E-5
331	0.047	-0.068	0.006	-0.005	-0.139	-0.237	0.0E+0	0.0E+0	1.7E-5	-3.6E-5	-8.1E-7	-7.3E-5
332	0.054	-0.068	0.002	-0.002	-0.140	-0.236	0.0E+0	0.0E+0	1.0E-5	-3.9E-5	-3.8E-6	-6.8E-5
333	0.060	-0.068	0.010	-0.010	-0.141	-0.235	0.0E+0	0.0E+0	-2.6E-7	-4.0E-5	-1.2E-6	-4.2E-5
334	0.063	-0.067	0.018	-0.018	-0.142	-0.234	0.0E+0	0.0E+0	-2.0E-5	-5.4E-5	-8.7E-6	-2.9E-5
335	0.025	-0.064	0.037	-0.036	-0.143	-0.232	4.7E-6	-5.7E-6	3.1E-5	2.9E-5	1.1E-5	-1.2E-5
336	0.027	-0.062	0.037	-0.036	-0.148	-0.226	6.8E-6	-7.2E-6	3.1E-5	2.8E-5	1.1E-5	-5.3E-6
337	0.030	-0.060	0.038	-0.037	-0.154	-0.219	1.7E-6	-2.3E-6	3.2E-5	2.5E-5	9.1E-6	2.7E-7
338	-0.002	-0.002	0.002	-0.026	-0.129	-0.234	-1.3E-5	-2.8E-5	0.0E+0	0.0E+0	-8.4E-5	-8.6E-5
339	0.000	-0.011	-0.011	-0.024	-0.127	-0.231	0.0E+0	0.0E+0	6.7E-7	-1.3E-6	-1.3E-5	-5.7E-5
340	-0.006	-0.012	-0.017	-0.019	-0.125	-0.228	0.0E+0	0.0E+0	7.0E-6	3.5E-6	-7.2E-6	-7.4E-5
341	-0.012	-0.013	-0.010	-0.025	-0.122	-0.224	0.0E+0	0.0E+0	1.7E-5	1.0E-5	1.7E-6	-8.3E-5
342	-0.012	-0.021	-0.003	-0.032	-0.120	-0.220	0.0E+0	0.0E+0	2.8E-5	1.8E-5	9.4E-6	-8.6E-5
343	-0.010	-0.029	0.005	-0.039	-0.118	-0.217	0.0E+0	0.0E+0	3.6E-5	2.2E-5	2.2E-5	-7.4E-5
344	-0.005	-0.032	0.013	-0.043	-0.122	-0.207	0.0E+0	0.0E+0	3.3E-5	2.6E-5	3.3E-5	-5.8E-5
345	-0.003	-0.029	0.015	-0.040	-0.127	-0.200	0.0E+0	0.0E+0	4.1E-5	2.9E-5	3.2E-5	-6.6E-5
346	-0.001	-0.025	0.017	-0.038	-0.133	-0.194	0.0E+0	0.0E+0	4.5E-5	2.7E-5	3.6E-5	-6.8E-5
347	0.052	0.030	0.014	-0.030	-0.128	-0.226	0.0E+0	0.0E+0	-6.3E-5	-8.0E-5	1.3E-4	4.5E-5
348	0.039	0.025	0.007	-0.023	-0.128	-0.228	0.0E+0	0.0E+0	-5.7E-5	-7.9E-5	1.4E-4	5.4E-5
349	0.025	0.020	-0.001	-0.016	-0.128	-0.229	0.0E+0	0.0E+0	-4.8E-5	-7.2E-5	1.6E-4	6.7E-5
350	0.013	0.011	-0.008	-0.010	-0.128	-0.231	0.0E+0	0.0E+0	-3.7E-5	-5.8E-5	1.4E-4	6.6E-5
351	0.008	-0.001	-0.002	-0.015	-0.128	-0.233	0.0E+0	0.0E+0	-2.5E-5	-4.0E-5	1.1E-4	5.1E-5
352	0.055	0.027	0.021	-0.036	-0.133	-0.218	0.0E+0	0.0E+0	-6.5E-5	-7.5E-5	1.0E-4	1.8E-5
353	0.049	0.022	0.022	-0.034	-0.138	-0.211	0.0E+0	0.0E+0	-7.2E-5	-9.2E-5	1.1E-4	1.4E-5
354	0.041	0.016	0.022	-0.033	-0.143	-0.204	0.0E+0	0.0E+0	-6.9E-5	-9.7E-5	9.9E-5	9.8E-7
355	0.067	-0.064	0.063	0.027	-0.134	-0.226	0.0E+0	0.0E+0	2.9E-5	-4.1E-6	6.0E-5	3.9E-5
356	0.072	-0.056	0.056	0.035	-0.140	-0.234	0.0E+0	0.0E+0	9.2E-6	-2.0E-5	1.0E-4	4.7E-5
357	0.077	-0.044	0.048	0.043	-0.146	-0.242	0.0E+0	0.0E+0	-9.8E-6	-4.0E-5	1.4E-4	5.9E-5
358	0.082	-0.030	0.050	0.040	-0.152	-0.250	0.0E+0	0.0E+0	-2.5E-5	-5.3E-5	1.4E-4	5.2E-5
359	0.087	-0.017	0.058	0.033	-0.159	-0.258	0.0E+0	0.0E+0	-4.2E-5	-6.2E-5	1.2E-4	4.2E-5
360	0.090	-0.007	0.066	0.025	-0.165	-0.265	0.0E+0	0.0E+0	-5.8E-5	-6.6E-5	8.8E-5	2.4E-5
361	0.092	0.000	0.073	0.018	-0.172	-0.273	0.0E+0	0.0E+0	-6.5E-5	-6.9E-5	4.8E-5	1.0E-6
362	0.086	-0.003	0.076	0.004	-0.184	-0.274	7.6E-5	6.3E-5	-6.2E-5	-7.0E-5	-1.7E-6	-2.2E-5
363	0.081	-0.009	0.071	-0.002	-0.189	-0.267	7.8E-5	6.2E-5	-6.4E-5	-7.2E-5	-2.7E-6	-1.7E-5
364	0.076	-0.014	0.066	-0.008	-0.195	-0.261	7.2E-5	6.7E-5	-6.5E-5	-7.0E-5	-4.8E-6	-1.3E-5
365	0.016	-0.060	0.035	-0.035	-0.135	-0.236	5.9E-6	-5.4E-6	0.0E+0	0.0E+0	1.7E-5	1.4E-5
366	0.009	-0.053	0.034	-0.037	-0.132	-0.233	-2.9E-6	-4.9E-6	0.0E+0	0.0E+0	3.4E-5	1.7E-5
367	-0.002	-0.042	0.031	-0.044	-0.128	-0.229	-4.0E-6	-2.0E-5	0.0E+0	0.0E+0	5.8E-5	2.1E-5
368	-0.012	-0.032	0.028	-0.051	-0.124	-0.223	-5.4E-6	-3.4E-5	0.0E+0	0.0E+0	5.2E-5	2.3E-5
369	-0.018	-0.026	0.027	-0.055	-0.121	-0.220	-7.4E-6	-4.1E-5	0.0E+0	0.0E+0	3.5E-5	1.9E-5
370	-0.020	-0.023	0.025	-0.057	-0.119	-0.217	2.4E-7	-3.4E-5	0.0E+0	0.0E+0	3.5E-5	2.9E-5
371	-0.012	-0.026	0.023	-0.055	-0.123	-0.208	-1.8E-5	-3.2E-5	0.0E+0	0.0E+0	2.4E-5	1.5E-5
372	-0.010	-0.023	0.025	-0.052	-0.128	-0.202	-2.0E-5	-4.8E-5	0.0E+0	0.0E+0	2.2E-5	1.7E-5
373	-0.008	-0.020	0.026	-0.048	-0.133	-0.195	-1.6E-5	-5.7E-5	0.0E+0	0.0E+0	2.2E-5	8.3E-6
374	0.047	0.046	0.036	-0.042	-0.142	-0.239	9.8E-6	1.5E-6	0.0E+0	0.0E+0	-8.0E-5	-9.1E-5
375	0.053	0.039	0.044	-0.033	-0.148	-0.246	1.8E-5	9.1E-6	0.0E+0	0.0E+0	-8.6E-5	-1.0E-4
376	0.060	0.032	0.052	-0.022	-0.154	-0.254	2.8E-5	2.2E-5	0.0E+0	0.0E+0	-9.5E-5	-1.2E-4
377	0.072	0.020	0.066	-0.004	-0.164	-0.264	4.1E-5	3.8E-5	0.0E+0	0.0E+0	-9.0E-5	-1.1E-4
378	0.083	0.009	0.077	0.008	-0.173	-0.274	6.8E-5	5.4E-5	0.0E+0	0.0E+0	-5.1E-5	-5.5E-5
379	0.047	0.034	0.030	-0.047	-0.141	-0.226	-2.5E-6	-4.9E-6	0.0E+0	0.0E+0	-5.8E-5	-6.0E-5
380	0.041	0.029	0.030	-0.045	-0.146	-0.219	-1.2E-5	-3.0E-5	0.0E+0	0.0E+0	-5.1E-5	-6.3E-5
381	0.036	0.024	0.031	-0.043	-0.151	-0.212	-1.1E-5	-4.5E-5	0.0E+0	0.0E+0	-3.7E-5	-5.5E-5
382	0.073	-0.065	0.040	-0.051	-0.110	-0.252	1.6E-5	-1.5E-5	0.0E+0	0.0E+0	5.7E-5	2.7E-5
383	0.066	-0.058	0.035	-0.053	-0.109	-0.254	2.4E-5	-1.5E-5	0.0E+0	0.0E+0	7.4E-5	2.7E-5
384	0.060	-0.052	0.029	-0.056	-0.107	-0.256	3.0E-5	-1.6E-5	0.0E+0	0.0E+0	7.5E-5	2.7E-5
385	0.053	-0.046	0.023	-0.058	-0.105	-0.258	4.6E-5	-5.3E-6	0.0E+0	0.0E+0	6.0E-5	2.5E-5
386	0.077	-0.069	0.043	-0.047	-0.118	-0.243	1.3E-5	-1.0E-5	1.5E-5	-2.7E-5	3.5E-5	2.7E-5
387	0.074	-0.068	0.042	-0.047	-0.125	-0.236	1.1E-5	-1.2E-5	1.8E-5	-2.5E-5	2.6E-5	1.6E-5
388	0.072	-0.066	0.041	-0.045	-0.132	-0.229	1.0E-5	-1.2E-5	1.7E-5	-2.5E-5	1.9E-5	7.1E-6
389	0.045	-0.037	0.014	-0.059	-0.110	-0.253	7.0E-5	1.2E-5	1.1E-4	5.5E-5	3.9E-5	2.3E-5
390	0.043	-0.036	0.011	-0.057	-0.117	-0.246	-5.2E-6	-6.0E-5	-1.1E-4	-1.5E-4	3.6E-5	2.4E-5
391	0.041	-0.033	0.007	-0.056	-0.124	-0.240	1.1E-4	5.0E-5	2.5E-4	1.8E-4	2.5E-5	2.2E-5

RELAZIONE DI CALCOLO -

392	0.082	-0.063	0.032	-0.036	-0.114	-0.248	0.0E+0	0.0E+0	-3.5E-5	-7.5E-5	7.4E-5	4.3E-5
393	0.081	-0.067	0.039	-0.042	-0.113	-0.249	0.0E+0	0.0E+0	4.6E-6	-4.0E-5	4.4E-5	2.9E-5
394	0.071	-0.068	0.025	-0.029	-0.122	-0.240	0.0E+0	0.0E+0	4.3E-5	-1.0E-5	4.8E-7	-8.2E-6
395	0.070	-0.064	0.024	-0.028	-0.129	-0.232	0.0E+0	0.0E+0	4.5E-5	-8.0E-6	-4.4E-6	-1.2E-5
396	0.049	-0.036	0.011	-0.054	-0.104	-0.261	0.0E+0	0.0E+0	3.2E-5	-1.3E-5	2.9E-5	2.4E-5
397	0.050	-0.033	0.003	-0.046	-0.105	-0.263	0.0E+0	0.0E+0	1.7E-5	-2.7E-5	3.5E-5	1.2E-5
398	0.046	-0.031	-0.008	-0.038	-0.112	-0.257	0.0E+0	0.0E+0	-5.4E-5	-1.2E-4	2.8E-5	2.5E-5
399	0.036	-0.035	-0.011	-0.036	-0.117	-0.248	0.0E+0	0.0E+0	-4.2E-5	-1.0E-4	-3.1E-5	-5.1E-5
400	0.064	-0.063	0.084	0.000	-0.102	-0.194	9.4E-5	5.3E-5	0.0E+0	0.0E+0	-3.5E-5	-1.2E-4
401	0.057	-0.057	0.072	-0.003	-0.101	-0.197	9.0E-5	4.5E-5	0.0E+0	0.0E+0	-3.8E-5	-1.6E-4
402	0.051	-0.051	0.059	-0.006	-0.099	-0.199	8.7E-5	5.1E-5	0.0E+0	0.0E+0	-3.8E-5	-1.6E-4
403	0.044	-0.044	0.047	-0.010	-0.097	-0.202	3.5E-5	3.9E-6	0.0E+0	0.0E+0	-4.7E-5	-1.0E-4
404	0.034	-0.038	0.039	-0.006	-0.098	-0.214	7.1E-6	5.6E-6	9.2E-5	7.3E-5	2.9E-5	-5.7E-6
405	0.036	-0.037	0.035	0.002	-0.100	-0.223	3.0E-7	-7.8E-7	4.0E-6	-1.0E-5	2.7E-5	2.1E-5
406	0.065	-0.065	0.081	0.017	-0.110	-0.208	0.0E+0	0.0E+0	3.0E-5	1.4E-5	1.1E-5	-2.2E-5
407	0.068	-0.068	0.086	0.010	-0.107	-0.199	0.0E+0	0.0E+0	1.4E-5	2.2E-6	6.1E-5	-3.1E-5
408	0.022	-0.001	-0.009	-0.043	-0.104	-0.250	0.0E+0	0.0E+0	-2.0E-5	-7.0E-5	-3.6E-5	-7.6E-5
409	0.024	0.002	0.000	-0.046	-0.112	-0.248	0.0E+0	0.0E+0	-1.0E-4	-1.7E-4	-8.2E-5	-1.2E-4
410	0.009	-0.006	0.004	-0.043	-0.118	-0.240	0.0E+0	0.0E+0	-8.1E-5	-1.4E-4	1.1E-5	5.7E-6
411	0.009	-0.007	-0.009	-0.034	-0.109	-0.239	0.0E+0	0.0E+0	-2.8E-5	-5.8E-5	-3.3E-5	-6.5E-5
412	0.006	-0.009	-0.006	-0.032	-0.115	-0.232	0.0E+0	0.0E+0	-2.0E-5	-3.4E-5	-2.2E-5	-3.9E-5
413	0.005	-0.008	0.008	-0.028	-0.112	-0.236	0.0E+0	0.0E+0	1.4E-7	-3.8E-6	2.9E-5	6.4E-6
414	0.006	-0.006	0.005	-0.021	-0.114	-0.231	0.0E+0	0.0E+0	-1.8E-5	-3.6E-5	5.5E-5	3.0E-5
415	0.027	-0.067	0.028	-0.030	-0.123	-0.233	0.0E+0	0.0E+0	2.5E-5	7.1E-6	1.1E-5	-6.2E-5
416	0.033	-0.068	0.020	-0.023	-0.122	-0.235	0.0E+0	0.0E+0	2.3E-5	-1.2E-5	6.7E-6	-7.6E-5
417	0.041	-0.069	0.013	-0.016	-0.120	-0.237	0.0E+0	0.0E+0	1.9E-5	-2.6E-5	1.9E-6	-8.3E-5
418	0.049	-0.070	0.006	-0.009	-0.119	-0.239	0.0E+0	0.0E+0	1.4E-5	-3.7E-5	-3.5E-6	-8.2E-5
419	0.058	-0.069	-0.002	-0.002	-0.118	-0.241	0.0E+0	0.0E+0	6.9E-6	-4.6E-5	-9.0E-6	-7.6E-5
420	0.065	-0.068	0.005	-0.009	-0.117	-0.242	0.0E+0	0.0E+0	1.4E-6	-5.3E-5	-1.4E-5	-6.4E-5
421	0.071	-0.068	0.012	-0.016	-0.116	-0.244	0.0E+0	0.0E+0	8.1E-6	-4.7E-5	-8.2E-6	-4.1E-5
422	0.077	-0.066	0.019	-0.023	-0.116	-0.245	0.0E+0	0.0E+0	-2.9E-5	-9.5E-5	-2.6E-5	-4.6E-5
423	0.005	-0.009	-0.018	-0.028	-0.103	-0.239	0.0E+0	0.0E+0	-1.8E-5	-3.9E-5	-3.2E-5	-8.7E-5
424	-0.005	-0.011	-0.020	-0.024	-0.102	-0.233	0.0E+0	0.0E+0	-5.9E-6	-1.7E-5	-1.7E-5	-9.1E-5
425	-0.012	-0.014	-0.012	-0.030	-0.102	-0.227	0.0E+0	0.0E+0	5.2E-6	1.6E-7	-5.6E-6	-9.7E-5
426	-0.012	-0.023	-0.004	-0.035	-0.103	-0.221	0.0E+0	0.0E+0	1.5E-5	1.3E-5	7.1E-6	-9.5E-5
427	-0.010	-0.030	0.005	-0.041	-0.103	-0.216	0.0E+0	0.0E+0	3.3E-5	2.4E-5	1.8E-5	-8.4E-5
428	0.013	0.008	-0.004	-0.014	-0.106	-0.237	0.0E+0	0.0E+0	-3.9E-5	-6.0E-5	1.4E-4	7.1E-5
429	0.024	0.022	-0.006	-0.011	-0.104	-0.238	0.0E+0	0.0E+0	-5.6E-5	-8.0E-5	1.7E-4	8.4E-5
430	0.043	0.032	0.002	-0.018	-0.102	-0.239	0.0E+0	0.0E+0	-6.7E-5	-9.3E-5	1.7E-4	8.1E-5
431	0.061	0.041	0.009	-0.025	-0.100	-0.240	0.0E+0	0.0E+0	-7.6E-5	-1.0E-4	1.4E-4	6.0E-5
432	0.076	0.048	0.016	-0.032	-0.098	-0.242	0.0E+0	0.0E+0	-8.6E-5	-1.1E-4	9.4E-5	3.2E-5
433	0.076	0.045	0.023	-0.038	-0.102	-0.237	0.0E+0	0.0E+0	-7.2E-5	-9.0E-5	3.2E-5	-9.6E-6
434	0.069	0.039	0.023	-0.038	-0.108	-0.231	0.0E+0	0.0E+0	-6.3E-5	-7.5E-5	4.5E-5	-3.3E-6
435	0.063	0.034	0.023	-0.037	-0.114	-0.224	0.0E+0	0.0E+0	-5.3E-5	-6.0E-5	4.4E-5	-5.5E-6
436	0.110	0.022	0.094	0.041	-0.139	-0.290	0.0E+0	0.0E+0	-6.7E-5	-7.9E-5	3.2E-5	-1.6E-5
437	0.108	0.014	0.085	0.045	-0.136	-0.281	0.0E+0	0.0E+0	-7.1E-5	-8.4E-5	9.3E-5	1.7E-5
438	0.104	0.001	0.076	0.049	-0.132	-0.272	0.0E+0	0.0E+0	-6.9E-5	-7.8E-5	1.3E-4	4.3E-5
439	0.097	-0.014	0.068	0.054	-0.128	-0.263	0.0E+0	0.0E+0	-6.4E-5	-6.5E-5	1.6E-4	6.2E-5
440	0.089	-0.031	0.059	0.058	-0.125	-0.253	0.0E+0	0.0E+0	-4.6E-5	-5.5E-5	1.7E-4	7.5E-5
441	0.080	-0.047	0.063	0.050	-0.122	-0.244	0.0E+0	0.0E+0	-2.2E-5	-4.2E-5	1.7E-4	8.0E-5
442	0.072	-0.061	0.067	0.041	-0.119	-0.235	0.0E+0	0.0E+0	6.6E-6	-2.3E-5	1.4E-4	7.7E-5
443	0.066	-0.070	0.072	0.032	-0.116	-0.226	0.0E+0	0.0E+0	3.9E-5	3.3E-8	7.3E-5	5.5E-5
444	0.104	0.018	0.096	0.029	-0.149	-0.292	7.5E-5	6.3E-5	-5.9E-5	-6.6E-5	-2.3E-5	-4.5E-5
445	0.099	0.012	0.091	0.023	-0.156	-0.285	7.6E-5	6.3E-5	-5.9E-5	-6.7E-5	-1.4E-5	-3.8E-5
446	0.094	0.006	0.085	0.016	-0.162	-0.278	7.5E-5	6.1E-5	-5.8E-5	-6.6E-5	-6.9E-6	-3.2E-5
447	0.078	0.044	0.030	-0.045	-0.101	-0.238	4.3E-6	-9.6E-6	-6.3E-5	-7.1E-5	-3.3E-6	-3.2E-5
448	0.072	0.038	0.030	-0.044	-0.108	-0.231	3.3E-6	-1.1E-5	-6.0E-5	-6.9E-5	9.5E-6	-2.5E-5
449	0.066	0.033	0.030	-0.043	-0.115	-0.224	5.4E-6	-8.2E-6	-6.0E-5	-6.7E-5	1.3E-5	-2.5E-5
450	0.016	-0.058	0.033	-0.037	-0.122	-0.228	4.3E-6	-7.4E-6	0.0E+0	0.0E+0	1.9E-5	1.1E-5
451	0.009	-0.051	0.032	-0.039	-0.120	-0.225	-5.8E-6	-6.6E-6	0.0E+0	0.0E+0	3.6E-5	1.3E-5
452	0.001	-0.043	0.031	-0.044	-0.117	-0.222	-4.4E-6	-1.7E-5	0.0E+0	0.0E+0	5.2E-5	1.4E-5
453	-0.006	-0.036	0.030	-0.049	-0.114	-0.219	-4.0E-6	-2.7E-5	0.0E+0	0.0E+0	5.4E-5	1.5E-5
454	-0.014	-0.028	0.028	-0.054	-0.111	-0.215	-4.8E-6	-3.6E-5	0.0E+0	0.0E+0	4.3E-5	1.8E-5
455	-0.020	-0.021	0.026	-0.057	-0.109	-0.212	-7.9E-6	-4.4E-5	0.0E+0	0.0E+0	1.8E-5	1.4E-5
456	0.068	0.066	0.041	-0.039	-0.108	-0.260	-3.0E-6	-2.1E-5	0.0E+0	0.0E+0	-9.7E-5	-1.1E-4
457	0.073	0.061	0.051	-0.027	-0.114	-0.266	1.4E-5	6.3E-6	0.0E+0	0.0E+0	-1.1E-4	-1.4E-4
458	0.080	0.054	0.063	-0.012	-0.120	-0.273	2.5E-5	2.3E-5	0.0E+0	0.0E+0	-1.2E-4	-1.6E-4
459	0.088	0.046	0.075	0.004	-0.125	-0.279	4.1E-5	3.7E-5	0.0E+0	0.0E+0	-1.2E-4	-1.6E-4
460	0.095	0.039	0.086	0.019	-0.131	-0.286	5.7E-5	4.8E-5	0.0E+0	0.0E+0	-1.1E-4	-1.4E-4
461	0.102	0.032	0.095	0.030	-0.137	-0.292	6.9E-5	5.7E-5	0.0E+0	0.0E+0	-8.6E-5	-9.5E-5
462	0.069	0.053	0.035	-0.043	-0.109	-0.246	2.0E-6	-1.1E-5	0.0E+0	0.0E+0	-3.7E-5	-5.1E-5
463	0.063	0.047	0.034	-0.043	-0.115	-0.239	9.5E-6	9.8E-7	0.0E+0	0.0E+0	-3.2E-5	-4.9E-5

RELAZIONE DI CALCOLO -

464	0.057	0.042	0.033	-0.043	-0.122	-0.232	1.5E-5	1.0E-5	0.0E+0	0.0E+0	-1.8E-5	-4.2E-5
465	0.080	0.054	0.033	-0.046	-0.098	-0.249	9.8E-7	-1.5E-5	0.0E+0	0.0E+0	-4.1E-6	-3.2E-5
466	0.057	0.034	0.029	-0.046	-0.133	-0.229	9.8E-6	6.5E-7	0.0E+0	0.0E+0	2.2E-5	-2.2E-5
467	0.034	-0.046	0.031	-0.032	-0.181	-0.187	9.8E-5	-6.8E-5	0.0E+0	0.0E+0	1.8E-5	4.2E-5
468	0.045	-0.052	0.036	-0.036	-0.177	-0.191	6.2E-6	-1.1E-5	0.0E+0	0.0E+0	-2.8E-5	-3.7E-5
469	0.054	-0.055	0.036	-0.037	-0.171	-0.198	6.0E-6	-2.3E-5	0.0E+0	0.0E+0	4.7E-5	-3.5E-5
470	0.051	-0.051	0.031	-0.036	-0.171	-0.199	6.5E-6	-3.0E-5	0.0E+0	0.0E+0	1.2E-4	-1.6E-5
471	0.046	-0.047	0.024	-0.035	-0.171	-0.200	1.6E-5	-4.3E-5	0.0E+0	0.0E+0	1.2E-4	-3.4E-6
472	0.040	-0.044	0.022	-0.031	-0.177	-0.190	3.0E-5	-5.9E-5	0.0E+0	0.0E+0	8.7E-5	-2.3E-5
473	0.033	-0.041	0.020	-0.025	-0.181	-0.187	1.0E-5	-5.7E-5	0.0E+0	0.0E+0	4.7E-5	-4.3E-5
474	0.027	-0.034	0.016	-0.021	-0.180	-0.190	-6.5E-6	-8.7E-5	0.0E+0	0.0E+0	4.5E-5	-3.7E-5
475	0.020	-0.027	0.013	-0.020	-0.179	-0.194	-4.0E-5	-1.2E-4	0.0E+0	0.0E+0	1.2E-5	5.0E-7
476	0.033	-0.037	0.015	-0.029	-0.175	-0.196	-1.5E-5	-7.5E-5	0.0E+0	0.0E+0	6.4E-5	-9.3E-6
477	0.026	-0.029	0.010	-0.029	-0.174	-0.201	-2.9E-5	-7.6E-5	0.0E+0	0.0E+0	4.9E-5	1.1E-5
478	0.032	-0.032	0.006	-0.034	-0.168	-0.208	-5.5E-5	-6.8E-5	0.0E+0	0.0E+0	5.0E-5	6.5E-6
479	0.039	-0.039	0.014	-0.034	-0.169	-0.203	-6.1E-6	-5.5E-5	0.0E+0	0.0E+0	1.1E-4	-1.2E-6
480	0.054	-0.061	0.031	-0.033	-0.171	-0.197	0.0E+0	0.0E+0	2.0E-5	-1.0E-4	-4.5E-5	-4.8E-5
481	0.049	-0.065	0.025	-0.027	-0.170	-0.198	0.0E+0	0.0E+0	1.8E-5	-1.2E-4	-5.2E-5	-5.9E-5
482	0.036	-0.051	0.026	-0.028	-0.181	-0.187	0.0E+0	0.0E+0	9.7E-5	-7.8E-5	-8.5E-6	-2.8E-5
483	0.044	-0.058	0.029	-0.031	-0.177	-0.189	0.0E+0	0.0E+0	6.0E-5	-1.1E-4	-4.8E-5	-5.2E-5
484	0.040	-0.060	0.023	-0.025	-0.175	-0.190	0.0E+0	0.0E+0	9.0E-5	-9.9E-5	-1.3E-5	-4.9E-5
485	0.033	-0.051	0.020	-0.022	-0.180	-0.187	0.0E+0	0.0E+0	1.2E-4	-4.8E-5	-3.1E-6	-3.2E-5
486	0.028	-0.028	-0.010	-0.022	-0.155	-0.207	0.0E+0	0.0E+0	7.2E-5	-3.5E-5	2.8E-5	-9.0E-6
487	0.026	-0.027	-0.003	-0.029	-0.161	-0.210	0.0E+0	0.0E+0	1.1E-6	-9.0E-5	1.5E-5	-1.2E-5
488	0.019	-0.019	-0.001	-0.008	-0.162	-0.187	0.0E+0	0.0E+0	3.3E-5	-5.3E-5	2.3E-5	8.5E-6
489	0.023	-0.023	-0.007	-0.015	-0.159	-0.197	0.0E+0	0.0E+0	5.0E-5	-6.0E-5	2.9E-5	-6.0E-6
490	0.021	-0.022	0.000	-0.022	-0.166	-0.202	0.0E+0	0.0E+0	7.7E-5	-3.7E-5	1.8E-5	-7.3E-6
491	0.016	-0.019	0.005	-0.014	-0.171	-0.194	0.0E+0	0.0E+0	1.3E-7	-7.0E-5	3.8E-5	7.4E-6
492	0.044	-0.029	0.023	-0.021	-0.152	-0.158	7.8E-5	1.0E-5	0.0E+0	0.0E+0	3.2E-5	-5.7E-5
493	0.048	-0.036	0.032	-0.020	-0.147	-0.161	9.5E-5	5.2E-6	0.0E+0	0.0E+0	1.6E-5	-9.3E-5
494	0.051	-0.042	0.040	-0.019	-0.140	-0.170	8.4E-5	2.3E-5	0.0E+0	0.0E+0	-4.2E-7	-1.3E-4
495	0.055	-0.047	0.048	-0.019	-0.141	-0.169	7.7E-5	3.9E-5	0.0E+0	0.0E+0	1.0E-5	-1.3E-4
496	0.059	-0.050	0.053	-0.020	-0.141	-0.167	7.5E-5	4.7E-5	0.0E+0	0.0E+0	1.6E-5	-6.9E-5
497	0.055	-0.041	0.047	-0.025	-0.146	-0.160	7.7E-5	5.6E-5	0.0E+0	0.0E+0	5.5E-6	3.0E-6
498	0.049	-0.030	0.035	-0.027	-0.151	-0.157	1.6E-4	-3.9E-6	0.0E+0	0.0E+0	2.5E-5	-4.5E-5
499	0.031	-0.016	0.014	-0.017	-0.149	-0.164	2.8E-5	-5.2E-5	0.0E+0	0.0E+0	-1.5E-5	-2.7E-5
500	0.037	-0.022	0.018	-0.018	-0.150	-0.160	6.2E-5	-1.9E-5	0.0E+0	0.0E+0	2.6E-5	-5.5E-5
501	0.037	-0.028	0.020	-0.020	-0.137	-0.178	1.2E-5	-2.7E-6	0.0E+0	0.0E+0	-2.3E-5	-6.7E-5
502	0.034	-0.022	0.017	-0.020	-0.143	-0.171	4.2E-5	-5.7E-6	0.0E+0	0.0E+0	-2.5E-5	-6.4E-5
503	0.041	-0.029	0.023	-0.019	-0.145	-0.166	5.4E-5	-7.4E-6	0.0E+0	0.0E+0	-2.3E-7	-7.4E-5
504	0.044	-0.035	0.028	-0.019	-0.139	-0.173	6.3E-5	1.3E-5	0.0E+0	0.0E+0	-4.5E-6	-1.1E-4
505	0.030	-0.024	0.009	-0.016	-0.136	-0.186	7.7E-6	1.0E-7	1.0E-4	1.3E-6	-1.4E-5	-3.8E-5
506	0.029	-0.029	0.002	-0.009	-0.136	-0.188	2.9E-6	-6.0E-6	3.7E-5	-7.8E-5	-2.0E-5	-5.7E-5
507	0.022	-0.014	0.005	-0.014	-0.146	-0.171	5.6E-6	-6.5E-7	7.3E-5	-8.5E-6	-3.0E-5	-5.7E-5
508	0.025	-0.020	0.006	-0.016	-0.141	-0.178	3.0E-6	-6.4E-6	3.9E-5	-8.4E-5	-1.8E-5	-4.0E-5
509	0.024	-0.024	0.000	-0.009	-0.140	-0.179	5.6E-6	-3.7E-6	7.3E-5	-4.8E-5	-1.8E-5	-5.3E-5
510	0.020	-0.019	-0.001	-0.007	-0.144	-0.170	4.5E-6	-2.9E-6	5.9E-5	-3.8E-5	-2.5E-5	-4.1E-5
511	0.065	-0.050	0.043	-0.009	-0.150	-0.178	0.0E+0	0.0E+0	1.2E-4	-2.0E-5	3.2E-5	2.4E-5
512	0.063	-0.052	0.049	-0.015	-0.146	-0.171	0.0E+0	0.0E+0	1.0E-4	-2.4E-5	1.7E-5	1.5E-5
513	0.051	-0.033	0.026	-0.017	-0.161	-0.167	0.0E+0	0.0E+0	5.7E-5	-1.2E-4	1.2E-5	-1.6E-5
514	0.060	-0.041	0.035	-0.014	-0.156	-0.170	0.0E+0	0.0E+0	1.0E-4	-9.0E-5	2.7E-5	-8.1E-6
515	0.060	-0.043	0.040	-0.019	-0.152	-0.163	0.0E+0	0.0E+0	1.1E-4	-6.5E-5	2.5E-5	1.9E-5
516	0.052	-0.034	0.031	-0.022	-0.155	-0.162	0.0E+0	0.0E+0	8.4E-5	-9.7E-5	4.8E-6	-1.3E-5
517	0.007	-0.006	0.017	-0.026	-0.157	-0.203	0.0E+0	0.0E+0	1.6E-5	9.7E-6	-1.5E-5	-2.1E-5
518	0.007	-0.006	0.020	-0.024	-0.162	-0.194	0.0E+0	0.0E+0	-3.2E-7	-9.4E-6	-7.5E-6	-2.7E-5
519	0.006	-0.005	0.020	-0.021	-0.167	-0.185	0.0E+0	0.0E+0	2.9E-5	-2.4E-5	9.8E-6	-3.7E-5
520	0.006	-0.008	0.019	-0.024	-0.156	-0.202	0.0E+0	0.0E+0	-3.2E-6	-5.8E-6	1.4E-5	1.1E-5
521	0.005	-0.008	0.020	-0.023	-0.161	-0.193	0.0E+0	0.0E+0	4.3E-6	-6.2E-6	2.8E-5	1.3E-5
522	0.004	-0.007	0.020	-0.022	-0.165	-0.184	0.0E+0	0.0E+0	2.5E-5	-2.9E-5	4.8E-5	2.7E-6
523	0.025	-0.043	0.010	-0.011	-0.178	-0.187	0.0E+0	0.0E+0	1.5E-4	-2.2E-5	9.3E-5	-5.9E-5
524	0.031	-0.055	0.011	-0.012	-0.173	-0.194	0.0E+0	0.0E+0	1.2E-4	-9.6E-5	6.9E-5	-5.5E-5
525	0.042	-0.062	0.013	-0.013	-0.168	-0.201	0.0E+0	0.0E+0	4.6E-5	-1.7E-4	7.9E-5	-4.1E-5
526	0.019	-0.034	0.003	-0.004	-0.177	-0.188	0.0E+0	0.0E+0	1.7E-4	-3.9E-5	9.2E-5	-6.9E-5
527	0.025	-0.047	0.005	-0.005	-0.172	-0.196	0.0E+0	0.0E+0	1.2E-4	-1.1E-4	8.9E-5	-5.6E-5
528	0.035	-0.055	0.006	-0.006	-0.166	-0.203	0.0E+0	0.0E+0	8.1E-5	-1.2E-4	5.7E-5	-9.0E-5
529	0.014	-0.026	0.002	-0.003	-0.177	-0.189	0.0E+0	0.0E+0	1.7E-4	-5.2E-5	5.7E-5	-3.8E-5
530	0.020	-0.040	0.002	-0.002	-0.171	-0.197	0.0E+0	0.0E+0	1.4E-4	-9.0E-5	5.1E-5	-4.9E-5
531	0.028	-0.050	0.001	-0.001	-0.166	-0.204	0.0E+0	0.0E+0	1.0E-4	-1.0E-4	4.5E-5	-5.1E-5
532	0.012	-0.023	0.008	-0.009	-0.177	-0.190	0.0E+0	0.0E+0	1.6E-4	-4.8E-5	4.3E-6	2.4E-6
533	0.017	-0.036	0.008	-0.008	-0.171	-0.198	0.0E+0	0.0E+0	1.4E-4	-7.8E-5	1.1E-5	-2.5E-6
534	0.025	-0.047	0.008	-0.008	-0.165	-0.205	0.0E+0	0.0E+0	1.1E-4	-8.3E-5	1.4E-5	-2.4E-5
535	0.015	-0.025	0.015	-0.015	-0.176	-0.191	0.0E+0	0.0E+0	1.5E-4	-4.0E-5	5.3E-5	-4.6E-5

RELAZIONE DI CALCOLO -

536	0.019	-0.037	0.015	-0.015	-0.171	-0.198	0.0E+0	0.0E+0	1.3E-4	-5.8E-5	3.3E-5	-2.8E-5
537	0.024	-0.047	0.015	-0.015	-0.165	-0.206	0.0E+0	0.0E+0	1.0E-4	-6.0E-5	1.6E-5	-1.6E-5
538	0.027	-0.050	0.023	-0.022	-0.165	-0.206	0.0E+0	0.0E+0	8.0E-5	-2.8E-5	3.8E-5	-3.3E-5
539	0.031	-0.053	0.030	-0.029	-0.166	-0.205	0.0E+0	0.0E+0	5.6E-5	2.1E-6	3.6E-5	-2.6E-5
540	0.021	-0.031	0.021	-0.021	-0.176	-0.191	0.0E+0	0.0E+0	1.3E-4	-2.5E-5	8.0E-5	-7.5E-5
541	0.024	-0.042	0.022	-0.022	-0.171	-0.198	0.0E+0	0.0E+0	1.1E-4	-3.6E-5	6.8E-5	-5.8E-5
542	0.031	-0.047	0.030	-0.029	-0.171	-0.198	0.0E+0	0.0E+0	7.3E-5	-9.3E-7	6.2E-5	-5.1E-5
543	0.030	-0.039	0.028	-0.028	-0.177	-0.190	0.0E+0	0.0E+0	1.1E-4	-1.2E-5	9.6E-5	-9.1E-5
544	-0.001	-0.001	0.013	-0.020	-0.155	-0.201	-2.0E-5	-2.6E-5	0.0E+0	0.0E+0	-1.6E-5	-1.7E-5
545	0.000	0.000	0.015	-0.018	-0.160	-0.193	-1.3E-5	-2.4E-5	0.0E+0	0.0E+0	-6.0E-6	-6.2E-6
546	0.000	0.000	0.015	-0.016	-0.166	-0.186	1.5E-5	-2.6E-5	0.0E+0	0.0E+0	3.9E-6	3.5E-6
547	0.003	-0.006	0.014	-0.015	-0.157	-0.169	0.0E+0	0.0E+0	6.7E-5	-4.1E-5	2.5E-5	-2.2E-5
548	-0.003	-0.004	0.014	-0.019	-0.151	-0.177	0.0E+0	0.0E+0	8.7E-5	-2.8E-5	5.2E-5	-6.9E-5
549	-0.002	-0.010	0.013	-0.023	-0.146	-0.184	0.0E+0	0.0E+0	5.9E-5	3.9E-6	4.4E-5	-7.0E-5
550	0.004	-0.008	0.008	-0.009	-0.158	-0.174	0.0E+0	0.0E+0	3.8E-5	-1.9E-5	3.7E-6	-1.3E-5
551	0.000	-0.006	0.007	-0.013	-0.153	-0.181	0.0E+0	0.0E+0	5.6E-5	-1.3E-5	1.7E-5	-3.0E-5
552	-0.005	-0.006	0.006	-0.016	-0.147	-0.188	0.0E+0	0.0E+0	5.9E-5	-2.5E-6	2.9E-5	-5.4E-5
553	0.005	-0.007	0.002	-0.003	-0.160	-0.178	0.0E+0	0.0E+0	2.0E-5	-2.3E-6	-5.3E-6	-6.5E-6
554	0.003	-0.007	0.001	-0.006	-0.155	-0.185	0.0E+0	0.0E+0	3.5E-5	-7.6E-8	4.9E-6	-2.1E-5
555	0.000	-0.008	-0.001	-0.009	-0.149	-0.192	0.0E+0	0.0E+0	4.0E-5	5.3E-6	1.4E-5	-3.6E-5
556	0.003	-0.009	-0.002	-0.008	-0.151	-0.196	0.0E+0	0.0E+0	2.7E-5	5.8E-6	5.8E-6	-2.7E-5
557	0.005	-0.009	0.005	-0.014	-0.153	-0.199	0.0E+0	0.0E+0	1.3E-5	3.9E-6	-5.8E-6	-1.7E-5
558	0.006	-0.007	0.003	-0.004	-0.162	-0.181	0.0E+0	0.0E+0	9.7E-6	9.2E-6	-2.1E-6	-9.7E-6
559	0.005	-0.008	0.000	-0.006	-0.157	-0.189	0.0E+0	0.0E+0	1.8E-5	1.2E-5	4.7E-6	-1.6E-5
560	0.006	-0.008	0.007	-0.012	-0.159	-0.191	0.0E+0	0.0E+0	1.2E-5	6.9E-6	1.1E-6	-7.8E-6
561	0.006	-0.007	0.009	-0.010	-0.164	-0.184	0.0E+0	0.0E+0	2.4E-5	-1.2E-6	1.1E-5	-1.0E-5
562	0.007	-0.006	0.008	-0.011	-0.166	-0.185	0.0E+0	0.0E+0	9.2E-6	-1.5E-5	1.7E-5	-4.7E-6
563	0.008	-0.006	0.008	-0.012	-0.160	-0.193	0.0E+0	0.0E+0	5.2E-6	-1.5E-6	1.9E-5	8.9E-6
564	0.007	-0.006	0.007	-0.012	-0.154	-0.200	0.0E+0	0.0E+0	8.6E-6	-2.5E-6	2.8E-5	1.5E-5
565	0.008	-0.005	0.002	-0.005	-0.165	-0.184	0.0E+0	0.0E+0	-1.1E-5	-1.2E-5	1.2E-5	4.6E-6
566	0.009	-0.004	0.001	-0.005	-0.160	-0.192	0.0E+0	0.0E+0	-5.4E-6	-1.3E-5	3.0E-5	9.0E-6
567	0.009	-0.002	-0.001	-0.006	-0.154	-0.199	0.0E+0	0.0E+0	3.8E-6	-2.0E-5	5.0E-5	1.6E-5
568	0.009	-0.004	0.001	-0.004	-0.165	-0.182	0.0E+0	0.0E+0	-1.4E-5	-3.8E-5	9.0E-6	7.5E-6
569	0.010	0.000	0.001	-0.006	-0.159	-0.190	0.0E+0	0.0E+0	-4.6E-6	-4.3E-5	3.6E-5	1.1E-5
570	0.010	0.003	0.001	-0.008	-0.154	-0.197	0.0E+0	0.0E+0	-5.2E-6	-4.4E-5	6.4E-5	1.4E-5
571	0.011	0.010	0.008	-0.014	-0.154	-0.195	0.0E+0	0.0E+0	-7.7E-6	-7.3E-5	7.9E-5	-2.3E-6
572	0.018	0.009	0.015	-0.021	-0.154	-0.192	0.0E+0	0.0E+0	-2.7E-5	-8.6E-5	8.8E-5	-2.3E-5
573	0.009	-0.003	0.007	-0.010	-0.165	-0.180	0.0E+0	0.0E+0	-1.3E-5	-7.1E-5	1.7E-5	9.7E-9
574	0.010	0.004	0.008	-0.012	-0.159	-0.188	0.0E+0	0.0E+0	-4.6E-6	-7.6E-5	4.7E-5	1.2E-6
575	0.009	0.008	0.015	-0.019	-0.159	-0.185	0.0E+0	0.0E+0	4.8E-6	-1.1E-4	7.9E-5	-4.1E-5
576	0.009	0.000	0.013	-0.015	-0.165	-0.177	0.0E+0	0.0E+0	-2.2E-6	-1.1E-4	3.3E-5	-1.3E-5
577	0.042	-0.028	0.033	-0.022	-0.210	-0.224	0.0E+0	0.0E+0	-2.6E-5	-1.4E-4	9.5E-5	-9.1E-5
578	0.053	-0.025	0.041	-0.018	-0.205	-0.231	0.0E+0	0.0E+0	-3.6E-5	-1.1E-4	5.9E-5	-5.3E-5
579	0.062	-0.022	0.047	-0.012	-0.199	-0.239	0.0E+0	0.0E+0	-4.0E-5	-9.4E-5	3.6E-5	-2.6E-5
580	0.033	-0.020	0.026	-0.016	-0.203	-0.217	0.0E+0	0.0E+0	-5.3E-6	-1.6E-4	8.0E-5	-7.4E-5
581	0.046	-0.020	0.033	-0.011	-0.197	-0.225	0.0E+0	0.0E+0	3.3E-6	-1.4E-4	7.0E-5	-5.5E-5
582	0.057	-0.020	0.040	-0.005	-0.192	-0.232	0.0E+0	0.0E+0	-6.6E-6	-1.1E-4	5.0E-5	-1.9E-5
583	0.026	-0.014	0.020	-0.010	-0.196	-0.210	0.0E+0	0.0E+0	1.8E-5	-1.7E-4	5.3E-5	-4.6E-5
584	0.041	-0.016	0.026	-0.004	-0.190	-0.218	0.0E+0	0.0E+0	3.4E-5	-1.5E-4	4.2E-5	-1.8E-5
585	0.053	-0.019	0.033	0.002	-0.185	-0.225	0.0E+0	0.0E+0	3.2E-5	-1.3E-4	3.7E-5	7.3E-6
586	0.023	-0.012	0.014	-0.004	-0.189	-0.203	0.0E+0	0.0E+0	3.6E-5	-1.8E-4	6.2E-6	3.5E-6
587	0.038	-0.016	0.019	0.003	-0.184	-0.210	0.0E+0	0.0E+0	6.3E-5	-1.6E-4	2.0E-5	4.4E-6
588	0.051	-0.022	0.025	0.009	-0.178	-0.218	0.0E+0	0.0E+0	6.4E-5	-1.3E-4	4.8E-5	8.6E-6
589	0.026	-0.015	0.007	0.002	-0.183	-0.195	0.0E+0	0.0E+0	4.8E-5	-1.8E-4	4.6E-5	-4.9E-5
590	0.040	-0.020	0.013	0.009	-0.177	-0.203	0.0E+0	0.0E+0	8.4E-5	-1.5E-4	6.4E-5	-3.8E-5
591	0.051	-0.028	0.018	0.016	-0.172	-0.210	0.0E+0	0.0E+0	9.1E-5	-1.2E-4	7.4E-5	-2.4E-5
592	0.055	-0.037	0.023	0.011	-0.166	-0.202	0.0E+0	0.0E+0	1.1E-4	-8.7E-5	1.1E-4	-4.4E-5
593	0.061	-0.045	0.030	0.004	-0.160	-0.193	0.0E+0	0.0E+0	1.7E-4	-5.1E-5	4.7E-5	-7.2E-5
594	0.033	-0.021	0.009	0.001	-0.177	-0.187	0.0E+0	0.0E+0	4.4E-5	-1.7E-4	7.5E-5	-8.7E-5
595	0.046	-0.027	0.016	0.006	-0.171	-0.194	0.0E+0	0.0E+0	1.1E-4	-1.3E-4	6.7E-5	-7.7E-5
596	0.053	-0.033	0.023	-0.001	-0.165	-0.186	0.0E+0	0.0E+0	1.0E-4	-1.2E-4	5.6E-5	-6.8E-5
597	0.041	-0.027	0.015	-0.005	-0.170	-0.180	0.0E+0	0.0E+0	3.0E-5	-1.5E-4	5.9E-5	-9.2E-5
598	0.021	-0.030	0.026	-0.026	-0.167	-0.185	6.5E-5	-6.8E-5	0.0E+0	0.0E+0	6.3E-5	-6.1E-5
599	0.020	-0.036	0.031	-0.031	-0.162	-0.194	3.9E-5	-4.7E-5	0.0E+0	0.0E+0	5.8E-5	-5.2E-5
600	0.019	-0.041	0.033	-0.034	-0.157	-0.203	1.2E-5	-2.3E-5	0.0E+0	0.0E+0	4.0E-5	-2.4E-5
601	0.014	-0.034	0.029	-0.032	-0.155	-0.200	2.2E-5	-4.3E-5	0.0E+0	0.0E+0	4.3E-5	-1.8E-5
602	0.009	-0.028	0.027	-0.032	-0.151	-0.196	3.5E-5	-6.5E-5	0.0E+0	0.0E+0	1.6E-5	8.7E-6
603	0.014	-0.026	0.022	-0.024	-0.156	-0.187	6.5E-5	-9.4E-5	0.0E+0	0.0E+0	1.7E-5	-6.1E-6
604	0.017	-0.023	0.016	-0.016	-0.162	-0.178	5.4E-5	-7.6E-5	0.0E+0	0.0E+0	1.3E-5	-1.2E-5
605	0.028	-0.037	0.032	-0.032	-0.172	-0.187	5.2E-5	-5.1E-5	0.0E+0	0.0E+0	7.4E-5	-7.2E-5
606	0.027	-0.043	0.035	-0.035	-0.167	-0.195	2.1E-5	-2.4E-5	0.0E+0	0.0E+0	4.2E-5	-3.6E-5
607	0.026	-0.047	0.036	-0.036	-0.162	-0.203	3.9E-6	-7.2E-6	0.0E+0	0.0E+0	2.9E-5	-1.9E-5

RELAZIONE DI CALCOLO -

608	0.012	-0.017	0.017	-0.017	-0.160	-0.176	6.2E-5	-9.1E-5	0.0E+0	0.0E+0	1.9E-5	-2.0E-5
609	0.007	-0.012	0.020	-0.020	-0.158	-0.173	5.2E-5	-9.0E-5	0.0E+0	0.0E+0	4.0E-5	-4.2E-5
610	0.002	-0.007	0.023	-0.023	-0.157	-0.169	3.7E-5	-8.4E-5	0.0E+0	0.0E+0	5.0E-5	-5.2E-5
611	-0.003	-0.008	0.026	-0.030	-0.152	-0.177	2.4E-5	-8.0E-5	0.0E+0	0.0E+0	3.9E-5	-3.2E-5
612	-0.007	-0.010	0.027	-0.037	-0.146	-0.184	8.7E-6	-6.8E-5	0.0E+0	0.0E+0	3.2E-5	-1.5E-5
613	0.008	-0.020	0.022	-0.025	-0.155	-0.184	4.8E-5	-8.5E-5	0.0E+0	0.0E+0	2.3E-5	-1.3E-5
614	0.003	-0.014	0.024	-0.027	-0.153	-0.180	3.9E-5	-8.6E-5	0.0E+0	0.0E+0	3.5E-5	-2.6E-5
615	-0.002	-0.016	0.026	-0.034	-0.148	-0.188	2.1E-5	-7.3E-5	0.0E+0	0.0E+0	3.1E-5	-1.2E-5
616	0.004	-0.022	0.026	-0.032	-0.149	-0.191	3.3E-5	-7.4E-5	0.0E+0	0.0E+0	2.4E-5	-3.6E-6
617	0.001	-0.017	0.028	-0.038	-0.144	-0.177	-1.1E-5	-5.6E-5	0.0E+0	0.0E+0	1.0E-5	-1.1E-5
618	0.002	-0.013	0.029	-0.034	-0.150	-0.169	-9.6E-6	-4.8E-5	0.0E+0	0.0E+0	3.7E-6	-2.6E-6
619	0.002	-0.007	0.028	-0.028	-0.156	-0.164	2.5E-5	-8.6E-5	0.0E+0	0.0E+0	2.4E-5	-1.8E-5
620	0.026	-0.016	0.020	-0.013	-0.191	-0.206	9.8E-5	-2.9E-5	0.0E+0	0.0E+0	-4.4E-6	-2.0E-5
621	0.033	-0.009	0.030	-0.017	-0.186	-0.216	1.1E-4	-4.9E-5	0.0E+0	0.0E+0	-1.9E-5	-3.6E-5
622	0.038	0.000	0.039	-0.020	-0.181	-0.225	7.7E-5	-2.2E-5	0.0E+0	0.0E+0	-4.1E-5	-5.2E-5
623	0.045	-0.005	0.045	-0.018	-0.187	-0.233	7.0E-5	1.5E-5	0.0E+0	0.0E+0	-1.3E-5	-7.9E-5
624	0.052	-0.010	0.051	-0.018	-0.191	-0.237	6.8E-5	4.0E-5	0.0E+0	0.0E+0	8.0E-6	-5.6E-5
625	0.043	-0.015	0.043	-0.020	-0.195	-0.228	1.0E-4	2.2E-5	0.0E+0	0.0E+0	4.2E-5	-6.3E-5
626	0.033	-0.020	0.032	-0.021	-0.200	-0.218	1.3E-4	-1.8E-6	0.0E+0	0.0E+0	5.7E-5	-6.5E-5
627	0.019	0.016	0.032	-0.032	-0.166	-0.204	2.8E-5	-4.8E-5	0.0E+0	0.0E+0	-4.5E-6	-5.3E-5
628	0.014	0.008	0.029	-0.027	-0.171	-0.196	4.6E-5	-5.8E-5	0.0E+0	0.0E+0	1.8E-5	-5.4E-5
629	0.009	0.000	0.024	-0.022	-0.177	-0.189	6.2E-5	-5.8E-5	0.0E+0	0.0E+0	4.3E-5	-5.9E-5
630	0.014	-0.005	0.021	-0.018	-0.181	-0.195	8.2E-5	-6.0E-5	0.0E+0	0.0E+0	3.0E-5	-4.9E-5
631	0.020	-0.010	0.020	-0.015	-0.186	-0.201	9.9E-5	-5.4E-5	0.0E+0	0.0E+0	4.9E-6	-2.7E-5
632	0.025	0.010	0.033	-0.027	-0.171	-0.210	4.7E-5	-4.6E-5	0.0E+0	0.0E+0	-1.4E-5	-5.6E-5
633	0.020	0.002	0.028	-0.023	-0.176	-0.203	6.7E-5	-5.8E-5	0.0E+0	0.0E+0	7.8E-6	-5.1E-5
634	0.026	-0.003	0.028	-0.019	-0.181	-0.209	8.4E-5	-5.0E-5	0.0E+0	0.0E+0	-9.8E-6	-4.0E-5
635	0.032	0.004	0.034	-0.023	-0.176	-0.217	6.6E-5	-3.9E-5	0.0E+0	0.0E+0	-2.7E-5	-5.1E-5
636	0.049	-0.004	0.049	-0.017	-0.186	-0.237	6.8E-5	2.4E-5	0.0E+0	0.0E+0	-1.6E-5	-7.1E-5
637	0.052	-0.007	0.052	-0.016	-0.188	-0.239	6.8E-5	3.6E-5	0.0E+0	0.0E+0	-5.3E-6	-6.4E-5
638	0.040	-0.027	0.038	-0.027	-0.209	-0.224	1.2E-4	1.8E-5	0.0E+0	0.0E+0	6.6E-5	-7.4E-5
639	0.050	-0.022	0.047	-0.024	-0.204	-0.232	8.7E-5	4.6E-5	0.0E+0	0.0E+0	2.7E-5	-4.4E-5
640	0.057	-0.017	0.054	-0.019	-0.199	-0.240	7.0E-5	6.1E-5	0.0E+0	0.0E+0	9.3E-6	-3.5E-5
641	0.026	0.008	0.030	-0.036	-0.158	-0.190	3.3E-6	-4.1E-5	0.0E+0	0.0E+0	2.1E-7	-1.9E-5
642	0.018	0.003	0.030	-0.032	-0.164	-0.183	5.3E-6	-3.3E-5	0.0E+0	0.0E+0	-7.6E-6	-1.3E-5
643	0.009	0.000	0.028	-0.028	-0.170	-0.178	4.4E-5	-6.7E-5	0.0E+0	0.0E+0	1.4E-5	-2.9E-5
644	0.060	-0.058	0.039	-0.040	-0.160	-0.212	2.8E-5	-8.1E-6	0.0E+0	0.0E+0	5.0E-6	-3.2E-5
645	0.063	-0.059	0.041	-0.041	-0.154	-0.220	5.6E-6	-1.7E-5	0.0E+0	0.0E+0	-5.3E-6	-2.4E-5
646	0.066	-0.060	0.041	-0.042	-0.148	-0.228	6.7E-7	-1.6E-5	0.0E+0	0.0E+0	3.8E-5	8.8E-7
647	0.062	-0.056	0.036	-0.043	-0.147	-0.230	8.7E-6	-1.7E-5	0.0E+0	0.0E+0	1.2E-4	2.5E-5
648	0.058	-0.052	0.029	-0.045	-0.146	-0.231	3.2E-5	-1.5E-5	0.0E+0	0.0E+0	1.3E-4	2.9E-5
649	0.056	-0.051	0.026	-0.043	-0.153	-0.223	3.4E-5	-1.9E-5	0.0E+0	0.0E+0	1.3E-4	2.4E-5
650	0.053	-0.050	0.025	-0.041	-0.159	-0.215	2.1E-6	-3.2E-5	0.0E+0	0.0E+0	1.2E-4	1.6E-5
651	0.047	-0.043	0.013	-0.042	-0.158	-0.218	1.3E-5	-3.3E-5	0.0E+0	0.0E+0	1.3E-4	1.8E-5
652	0.040	-0.036	0.004	-0.044	-0.157	-0.221	5.0E-6	-6.5E-5	0.0E+0	0.0E+0	6.6E-5	1.9E-5
653	0.049	-0.044	0.015	-0.045	-0.152	-0.225	2.3E-5	-3.0E-5	0.0E+0	0.0E+0	1.1E-4	2.2E-5
654	0.042	-0.037	0.006	-0.047	-0.151	-0.228	3.9E-5	-1.4E-5	0.0E+0	0.0E+0	7.5E-5	2.3E-5
655	0.044	-0.038	0.008	-0.049	-0.146	-0.233	5.7E-6	-3.7E-5	0.0E+0	0.0E+0	7.1E-5	1.8E-5
656	0.051	-0.045	0.017	-0.047	-0.147	-0.231	3.7E-5	-1.7E-5	0.0E+0	0.0E+0	1.2E-4	2.7E-5
657	0.066	-0.065	0.036	-0.037	-0.149	-0.225	0.0E+0	0.0E+0	3.5E-6	-3.0E-5	-2.8E-5	-2.5E-5
658	0.061	-0.068	0.030	-0.031	-0.149	-0.226	0.0E+0	0.0E+0	-5.6E-6	-8.5E-6	-5.2E-5	-7.3E-5
659	0.063	-0.063	0.034	-0.035	-0.160	-0.212	0.0E+0	0.0E+0	1.5E-5	-1.8E-5	6.7E-6	-2.6E-5
660	0.065	-0.064	0.035	-0.036	-0.155	-0.219	0.0E+0	0.0E+0	1.6E-5	-1.4E-5	-1.8E-5	-2.9E-5
661	0.064	-0.066	0.029	-0.030	-0.154	-0.219	0.0E+0	0.0E+0	6.0E-5	5.5E-5	-1.6E-5	-2.3E-5
662	0.065	-0.063	0.028	-0.029	-0.160	-0.213	0.0E+0	0.0E+0	-3.2E-7	-3.4E-5	3.6E-5	7.9E-6
663	0.034	-0.033	-0.009	-0.037	-0.139	-0.240	0.0E+0	0.0E+0	9.6E-6	-2.8E-6	-5.1E-6	-6.2E-6
664	0.035	-0.033	-0.003	-0.043	-0.142	-0.238	0.0E+0	0.0E+0	-4.5E-5	-6.1E-5	-9.7E-6	-2.1E-5
665	0.032	-0.033	-0.011	-0.031	-0.148	-0.225	0.0E+0	0.0E+0	1.3E-5	3.4E-7	-2.3E-5	-3.9E-5
666	0.033	-0.033	-0.011	-0.034	-0.144	-0.232	0.0E+0	0.0E+0	-9.5E-6	-2.1E-5	-1.9E-5	-2.3E-5
667	0.035	-0.031	-0.005	-0.041	-0.147	-0.231	0.0E+0	0.0E+0	7.0E-5	4.8E-5	-1.9E-5	-2.4E-5
668	0.034	-0.030	-0.005	-0.038	-0.151	-0.224	0.0E+0	0.0E+0	-4.2E-5	-8.6E-5	-1.6E-5	-3.5E-5
669	0.055	-0.050	0.052	-0.013	-0.128	-0.184	7.5E-5	4.0E-5	0.0E+0	0.0E+0	-2.1E-5	-1.3E-4
670	0.056	-0.053	0.060	-0.009	-0.121	-0.192	1.0E-4	4.8E-5	0.0E+0	0.0E+0	-2.6E-5	-1.5E-4
671	0.057	-0.056	0.070	-0.005	-0.114	-0.199	1.0E-4	5.1E-5	0.0E+0	0.0E+0	-3.4E-5	-1.6E-4
672	0.061	-0.060	0.078	-0.003	-0.115	-0.197	8.6E-5	5.4E-5	0.0E+0	0.0E+0	-2.9E-5	-1.4E-4
673	0.066	-0.064	0.083	-0.001	-0.116	-0.195	8.2E-5	5.8E-5	0.0E+0	0.0E+0	-2.4E-5	-5.4E-5
674	0.064	-0.060	0.076	-0.006	-0.123	-0.188	8.2E-5	5.6E-5	0.0E+0	0.0E+0	-1.1E-5	-2.1E-5
675	0.062	-0.057	0.068	-0.011	-0.129	-0.180	9.9E-5	5.8E-5	0.0E+0	0.0E+0	-3.1E-6	-3.4E-5
676	0.041	-0.037	0.029	-0.018	-0.125	-0.191	6.3E-5	-1.9E-6	0.0E+0	0.0E+0	-3.6E-5	-8.5E-5
677	0.048	-0.043	0.040	-0.015	-0.127	-0.187	8.2E-5	3.8E-5	0.0E+0	0.0E+0	-2.6E-5	-1.4E-4
678	0.044	-0.041	0.042	-0.012	-0.114	-0.203	6.5E-5	3.0E-5	0.0E+0	0.0E+0	-3.9E-5	-9.6E-5
679	0.042	-0.039	0.036	-0.016	-0.120	-0.197	1.1E-4	6.2E-5	0.0E+0	0.0E+0	-4.1E-5	-9.6E-5

RELAZIONE DI CALCOLO -

680	0.049	-0.046	0.046	-0.012	-0.121	-0.194	8.9E-5	4.0E-5	0.0E+0	0.0E+0	-3.0E-5	-1.3E-4
681	0.050	-0.048	0.054	-0.009	-0.115	-0.200	9.6E-5	5.0E-5	0.0E+0	0.0E+0	-2.9E-5	-1.4E-4
682	0.036	-0.035	0.029	-0.009	-0.116	-0.213	6.7E-6	5.4E-6	8.7E-5	7.0E-5	7.6E-6	-1.4E-5
683	0.035	-0.036	0.023	-0.003	-0.119	-0.220	-7.9E-7	-1.7E-6	-1.0E-5	-2.2E-5	-1.0E-5	-1.6E-5
684	0.033	-0.033	0.017	-0.014	-0.126	-0.200	7.4E-6	3.4E-6	9.7E-5	4.5E-5	8.0E-6	-6.9E-6
685	0.035	-0.034	0.023	-0.012	-0.121	-0.207	-3.3E-6	-5.6E-6	-4.3E-5	-7.3E-5	-2.9E-6	-3.9E-6
686	0.035	-0.035	0.017	-0.005	-0.124	-0.213	2.7E-6	1.6E-6	3.5E-5	2.1E-5	6.6E-7	-1.0E-6
687	0.035	-0.034	0.011	-0.007	-0.128	-0.205	4.5E-7	-1.2E-6	5.8E-6	-1.5E-5	1.9E-5	4.2E-6
688	0.067	-0.064	0.071	0.009	-0.129	-0.205	0.0E+0	0.0E+0	-4.7E-6	-1.3E-5	3.0E-5	2.4E-6
689	0.067	-0.066	0.077	0.004	-0.124	-0.199	0.0E+0	0.0E+0	1.1E-5	-1.6E-5	2.8E-5	-1.3E-5
690	0.064	-0.066	0.057	0.000	-0.139	-0.192	0.0E+0	0.0E+0	4.2E-5	5.9E-6	-2.9E-5	-5.5E-5
691	0.065	-0.066	0.064	0.005	-0.134	-0.199	0.0E+0	0.0E+0	-3.7E-5	-4.4E-5	-6.8E-6	-8.9E-6
692	0.066	-0.065	0.070	-0.001	-0.129	-0.192	0.0E+0	0.0E+0	1.5E-5	-1.6E-5	-1.3E-5	-1.6E-5
693	0.065	-0.063	0.063	-0.006	-0.135	-0.185	0.0E+0	0.0E+0	3.0E-5	-8.0E-6	-6.3E-6	-3.4E-5
694	0.007	-0.007	0.005	-0.034	-0.138	-0.233	0.0E+0	0.0E+0	2.5E-5	1.7E-5	-8.4E-6	-1.4E-5
695	0.007	-0.007	0.008	-0.033	-0.142	-0.226	0.0E+0	0.0E+0	-1.2E-5	-1.7E-5	-3.7E-6	-1.0E-5
696	0.006	-0.007	0.011	-0.031	-0.147	-0.219	0.0E+0	0.0E+0	-1.3E-7	-8.7E-6	9.4E-6	3.2E-7
697	0.005	-0.009	0.012	-0.027	-0.136	-0.231	0.0E+0	0.0E+0	1.0E-5	6.1E-6	3.8E-6	-1.9E-6
698	0.006	-0.008	0.014	-0.027	-0.141	-0.224	0.0E+0	0.0E+0	1.4E-5	9.8E-6	-2.2E-6	-6.8E-6
699	0.006	-0.007	0.015	-0.026	-0.146	-0.217	0.0E+0	0.0E+0	1.4E-6	-3.0E-6	-9.5E-6	-1.1E-5
700	0.060	-0.065	0.015	-0.015	-0.157	-0.215	0.0E+0	0.0E+0	5.0E-6	-2.8E-5	-2.0E-5	-9.8E-5
701	0.060	-0.067	0.016	-0.016	-0.152	-0.222	0.0E+0	0.0E+0	4.9E-5	4.0E-5	3.7E-6	-4.0E-5
702	0.059	-0.069	0.017	-0.017	-0.147	-0.228	0.0E+0	0.0E+0	-1.0E-5	-3.4E-5	3.2E-5	2.0E-5
703	0.051	-0.065	0.008	-0.008	-0.156	-0.217	0.0E+0	0.0E+0	3.4E-5	-6.0E-5	2.6E-5	-9.1E-5
704	0.054	-0.066	0.009	-0.008	-0.151	-0.223	0.0E+0	0.0E+0	1.4E-5	-3.9E-5	1.1E-5	-6.6E-5
705	0.057	-0.067	0.009	-0.009	-0.146	-0.229	0.0E+0	0.0E+0	1.1E-5	-2.8E-5	-9.4E-8	-5.9E-5
706	0.043	-0.062	0.001	0.000	-0.155	-0.218	0.0E+0	0.0E+0	4.6E-5	-6.8E-5	2.1E-5	-6.8E-5
707	0.047	-0.065	0.001	-0.001	-0.150	-0.224	0.0E+0	0.0E+0	3.0E-5	-5.1E-5	1.2E-5	-7.4E-5
708	0.051	-0.067	0.002	-0.001	-0.145	-0.230	0.0E+0	0.0E+0	1.7E-5	-4.1E-5	4.9E-6	-6.6E-5
709	0.037	-0.061	0.007	-0.007	-0.155	-0.219	0.0E+0	0.0E+0	5.5E-5	-6.0E-5	1.2E-5	-5.3E-5
710	0.041	-0.064	0.007	-0.006	-0.150	-0.225	0.0E+0	0.0E+0	3.7E-5	-4.7E-5	8.2E-6	-5.9E-5
711	0.044	-0.067	0.006	-0.006	-0.144	-0.231	0.0E+0	0.0E+0	2.5E-5	-3.9E-5	3.6E-6	-6.9E-5
712	0.033	-0.060	0.015	-0.014	-0.154	-0.219	0.0E+0	0.0E+0	5.4E-5	-4.0E-5	1.4E-6	-2.9E-5
713	0.035	-0.064	0.014	-0.014	-0.149	-0.225	0.0E+0	0.0E+0	3.9E-5	-3.2E-5	3.5E-6	-4.8E-5
714	0.038	-0.066	0.014	-0.013	-0.144	-0.231	0.0E+0	0.0E+0	2.9E-5	-2.6E-5	3.3E-6	-6.1E-5
715	0.032	-0.066	0.022	-0.021	-0.143	-0.232	0.0E+0	0.0E+0	3.0E-5	-7.5E-6	4.5E-6	-5.2E-5
716	0.027	-0.065	0.029	-0.028	-0.143	-0.232	0.0E+0	0.0E+0	2.8E-5	1.5E-5	8.1E-6	-3.8E-5
717	0.030	-0.060	0.023	-0.022	-0.154	-0.219	0.0E+0	0.0E+0	4.7E-5	-1.4E-5	-3.7E-6	-1.3E-5
718	0.031	-0.063	0.022	-0.021	-0.149	-0.225	0.0E+0	0.0E+0	3.6E-5	-8.8E-6	2.4E-6	-3.3E-5
719	0.029	-0.063	0.030	-0.029	-0.149	-0.226	0.0E+0	0.0E+0	3.2E-5	1.5E-5	5.7E-6	-2.0E-5
720	0.030	-0.060	0.030	-0.029	-0.154	-0.219	0.0E+0	0.0E+0	3.6E-5	1.2E-5	2.9E-7	-2.2E-6
721	-0.001	-0.002	0.004	-0.025	-0.134	-0.228	-1.4E-5	-3.0E-5	0.0E+0	0.0E+0	-6.1E-5	-6.3E-5
722	-0.001	-0.001	0.006	-0.024	-0.140	-0.222	-1.3E-5	-2.8E-5	0.0E+0	0.0E+0	-4.6E-5	-4.6E-5
723	-0.001	-0.001	0.008	-0.023	-0.145	-0.215	-1.5E-5	-2.9E-5	0.0E+0	0.0E+0	-3.7E-5	-3.8E-5
724	-0.004	-0.019	0.010	-0.031	-0.135	-0.198	0.0E+0	0.0E+0	4.6E-5	2.2E-5	3.3E-5	-6.7E-5
725	-0.006	-0.022	0.008	-0.033	-0.129	-0.204	0.0E+0	0.0E+0	4.2E-5	2.5E-5	3.0E-5	-6.7E-5
726	-0.008	-0.026	0.006	-0.036	-0.124	-0.210	0.0E+0	0.0E+0	4.4E-5	2.8E-5	2.6E-5	-6.7E-5
727	-0.007	-0.013	0.003	-0.023	-0.136	-0.202	0.0E+0	0.0E+0	4.4E-5	1.7E-5	2.6E-5	-6.5E-5
728	-0.009	-0.016	0.001	-0.026	-0.131	-0.208	0.0E+0	0.0E+0	4.0E-5	2.1E-5	2.1E-5	-7.0E-5
729	-0.010	-0.019	-0.001	-0.029	-0.126	-0.214	0.0E+0	0.0E+0	3.5E-5	2.0E-5	1.6E-5	-7.8E-5
730	-0.007	-0.009	-0.004	-0.016	-0.138	-0.205	0.0E+0	0.0E+0	3.6E-5	1.3E-5	1.5E-5	-6.0E-5
731	-0.010	-0.010	-0.006	-0.019	-0.133	-0.212	0.0E+0	0.0E+0	3.2E-5	1.5E-5	1.2E-5	-6.8E-5
732	-0.011	-0.012	-0.008	-0.022	-0.128	-0.218	0.0E+0	0.0E+0	2.5E-5	1.4E-5	6.7E-6	-7.6E-5
733	-0.005	-0.011	-0.015	-0.016	-0.130	-0.221	0.0E+0	0.0E+0	1.7E-5	8.4E-6	-1.3E-6	-6.6E-5
734	0.001	-0.011	-0.008	-0.022	-0.132	-0.225	0.0E+0	0.0E+0	1.1E-5	6.9E-6	-1.4E-5	-5.7E-5
735	-0.002	-0.010	-0.009	-0.011	-0.140	-0.209	0.0E+0	0.0E+0	2.5E-5	1.0E-5	3.1E-6	-5.1E-5
736	-0.004	-0.011	-0.012	-0.013	-0.135	-0.215	0.0E+0	0.0E+0	2.3E-5	1.1E-5	4.2E-7	-6.0E-5
737	0.002	-0.010	-0.005	-0.020	-0.138	-0.219	0.0E+0	0.0E+0	1.2E-5	8.2E-6	-1.2E-5	-4.8E-5
738	0.003	-0.010	-0.001	-0.018	-0.143	-0.212	0.0E+0	0.0E+0	1.3E-5	6.8E-6	-1.0E-5	-4.0E-5
739	0.006	-0.005	0.003	-0.014	-0.144	-0.214	0.0E+0	0.0E+0	3.8E-6	-5.2E-6	5.3E-5	1.9E-5
740	0.006	-0.005	0.001	-0.014	-0.139	-0.220	0.0E+0	0.0E+0	-8.9E-7	-7.7E-6	6.9E-5	2.7E-5
741	0.006	-0.004	0.000	-0.015	-0.134	-0.226	0.0E+0	0.0E+0	-1.1E-5	-2.0E-5	9.1E-5	4.0E-5
742	0.009	0.002	-0.004	-0.006	-0.143	-0.212	0.0E+0	0.0E+0	-5.4E-6	-2.5E-5	9.1E-5	3.3E-5
743	0.009	0.004	-0.006	-0.007	-0.138	-0.218	0.0E+0	0.0E+0	-1.5E-5	-3.2E-5	1.1E-4	4.4E-5
744	0.011	0.007	-0.007	-0.008	-0.133	-0.225	0.0E+0	0.0E+0	-2.6E-5	-4.4E-5	1.3E-4	5.6E-5
745	0.012	0.011	0.001	-0.011	-0.143	-0.210	0.0E+0	0.0E+0	-2.0E-5	-4.9E-5	1.1E-4	3.2E-5
746	0.015	0.014	0.000	-0.013	-0.138	-0.217	0.0E+0	0.0E+0	-2.9E-5	-5.5E-5	1.3E-4	4.5E-5
747	0.020	0.016	0.000	-0.015	-0.133	-0.223	0.0E+0	0.0E+0	-3.9E-5	-6.3E-5	1.4E-4	5.6E-5
748	0.033	0.021	0.007	-0.022	-0.133	-0.221	0.0E+0	0.0E+0	-5.2E-5	-7.7E-5	1.4E-4	5.0E-5
749	0.045	0.025	0.014	-0.029	-0.133	-0.220	0.0E+0	0.0E+0	-6.8E-5	-9.2E-5	1.1E-4	2.8E-5
750	0.021	0.014	0.008	-0.019	-0.143	-0.209	0.0E+0	0.0E+0	-3.5E-5	-6.9E-5	1.1E-4	2.2E-5
751	0.027	0.017	0.007	-0.020	-0.138	-0.215	0.0E+0	0.0E+0	-4.6E-5	-7.6E-5	1.3E-4	3.5E-5

RELAZIONE DI CALCOLO -

752	0.038	0.020	0.014	-0.027	-0.138	-0.213	0.0E+0	0.0E+0	-6.0E-5	-8.6E-5	1.1E-4	2.0E-5
753	0.032	0.016	0.015	-0.026	-0.143	-0.206	0.0E+0	0.0E+0	-5.1E-5	-8.3E-5	1.0E-4	8.2E-6
754	0.076	-0.014	0.059	0.000	-0.188	-0.253	0.0E+0	0.0E+0	-5.5E-5	-7.5E-5	1.3E-5	1.2E-5
755	0.081	-0.010	0.064	0.006	-0.183	-0.260	0.0E+0	0.0E+0	-6.1E-5	-7.0E-5	2.9E-5	7.0E-6
756	0.087	-0.005	0.069	0.012	-0.177	-0.266	0.0E+0	0.0E+0	-6.5E-5	-6.8E-5	4.1E-5	3.3E-6
757	0.074	-0.017	0.051	0.007	-0.181	-0.246	0.0E+0	0.0E+0	-2.8E-5	-8.3E-5	3.7E-5	2.8E-5
758	0.080	-0.014	0.056	0.013	-0.176	-0.253	0.0E+0	0.0E+0	-4.0E-5	-7.4E-5	5.8E-5	2.5E-5
759	0.085	-0.011	0.061	0.019	-0.171	-0.259	0.0E+0	0.0E+0	-4.9E-5	-6.9E-5	7.6E-5	2.4E-5
760	0.071	-0.022	0.043	0.015	-0.174	-0.239	0.0E+0	0.0E+0	1.7E-6	-8.6E-5	6.4E-5	3.2E-5
761	0.077	-0.022	0.048	0.021	-0.169	-0.245	0.0E+0	0.0E+0	-1.4E-5	-7.3E-5	8.7E-5	3.4E-5
762	0.082	-0.020	0.053	0.027	-0.164	-0.251	0.0E+0	0.0E+0	-2.9E-5	-6.5E-5	1.0E-4	3.7E-5
763	0.068	-0.030	0.036	0.022	-0.168	-0.231	0.0E+0	0.0E+0	2.9E-5	-8.0E-5	9.3E-5	2.5E-5
764	0.073	-0.031	0.041	0.028	-0.163	-0.238	0.0E+0	0.0E+0	8.1E-6	-6.5E-5	1.1E-4	3.4E-5
765	0.078	-0.031	0.046	0.034	-0.157	-0.244	0.0E+0	0.0E+0	-9.9E-6	-5.7E-5	1.2E-4	4.4E-5
766	0.066	-0.040	0.030	0.028	-0.161	-0.224	0.0E+0	0.0E+0	4.8E-5	-6.3E-5	1.1E-4	1.5E-5
767	0.070	-0.043	0.036	0.033	-0.156	-0.230	0.0E+0	0.0E+0	2.4E-5	-5.0E-5	1.2E-4	2.9E-5
768	0.074	-0.044	0.042	0.038	-0.151	-0.236	0.0E+0	0.0E+0	4.2E-6	-4.1E-5	1.3E-4	4.3E-5
769	0.070	-0.056	0.049	0.030	-0.145	-0.228	0.0E+0	0.0E+0	5.3E-6	-2.9E-5	1.1E-4	4.0E-5
770	0.067	-0.062	0.057	0.023	-0.139	-0.220	0.0E+0	0.0E+0	1.6E-5	-5.9E-6	1.8E-5	8.9E-6
771	0.065	-0.051	0.037	0.021	-0.155	-0.216	0.0E+0	0.0E+0	5.4E-5	-3.9E-5	1.2E-4	1.4E-6
772	0.067	-0.054	0.043	0.026	-0.150	-0.222	0.0E+0	0.0E+0	2.3E-5	-2.6E-5	1.1E-4	2.6E-5
773	0.065	-0.063	0.051	0.018	-0.144	-0.214	0.0E+0	0.0E+0	-3.0E-5	-3.8E-5	5.9E-5	1.5E-5
774	0.064	-0.063	0.044	0.013	-0.149	-0.207	0.0E+0	0.0E+0	3.0E-5	-2.6E-6	1.0E-4	2.6E-5
775	0.009	-0.034	0.030	-0.036	-0.148	-0.205	2.1E-5	-4.5E-5	0.0E+0	0.0E+0	3.0E-5	3.0E-6
776	0.013	-0.038	0.032	-0.035	-0.150	-0.207	1.5E-5	-3.0E-5	0.0E+0	0.0E+0	3.3E-5	-4.7E-6
777	0.010	-0.041	0.033	-0.038	-0.144	-0.214	4.5E-6	-1.6E-5	0.0E+0	0.0E+0	2.5E-5	8.5E-6
778	0.007	-0.043	0.033	-0.039	-0.138	-0.221	-1.8E-6	-1.6E-5	0.0E+0	0.0E+0	2.4E-5	2.1E-5
779	0.004	-0.046	0.032	-0.041	-0.132	-0.228	-4.3E-6	-1.6E-5	0.0E+0	0.0E+0	4.2E-5	1.9E-5
780	0.000	-0.041	0.031	-0.043	-0.131	-0.226	-4.2E-6	-2.1E-5	0.0E+0	0.0E+0	5.8E-5	2.1E-5
781	-0.005	-0.037	0.030	-0.046	-0.128	-0.224	-3.2E-6	-2.5E-5	0.0E+0	0.0E+0	5.4E-5	2.2E-5
782	-0.001	-0.034	0.030	-0.044	-0.134	-0.216	2.6E-8	-3.2E-5	0.0E+0	0.0E+0	3.9E-5	1.8E-5
783	0.002	-0.032	0.030	-0.041	-0.140	-0.209	6.6E-6	-4.3E-5	0.0E+0	0.0E+0	3.1E-5	1.6E-5
784	0.005	-0.030	0.029	-0.036	-0.146	-0.202	2.0E-5	-5.3E-5	0.0E+0	0.0E+0	1.9E-5	1.5E-5
785	-0.009	-0.020	0.028	-0.044	-0.137	-0.201	-7.6E-7	-5.3E-5	0.0E+0	0.0E+0	2.9E-5	9.8E-6
786	-0.012	-0.022	0.028	-0.048	-0.132	-0.208	-6.4E-6	-4.9E-5	0.0E+0	0.0E+0	3.0E-5	1.7E-5
787	-0.015	-0.024	0.027	-0.052	-0.126	-0.214	-5.3E-6	-4.1E-5	0.0E+0	0.0E+0	3.8E-5	2.3E-5
788	-0.007	-0.028	0.029	-0.046	-0.133	-0.212	-1.4E-6	-4.1E-5	0.0E+0	0.0E+0	3.8E-5	1.8E-5
789	-0.004	-0.026	0.029	-0.042	-0.139	-0.205	4.6E-6	-5.0E-5	0.0E+0	0.0E+0	3.1E-5	1.3E-5
790	0.014	-0.050	0.034	-0.037	-0.142	-0.223	-1.6E-6	-3.8E-6	0.0E+0	0.0E+0	2.1E-5	1.8E-5
791	0.021	-0.056	0.036	-0.036	-0.145	-0.224	6.1E-6	-5.5E-6	0.0E+0	0.0E+0	1.5E-5	6.8E-6
792	0.023	-0.053	0.036	-0.037	-0.151	-0.217	3.8E-6	-4.9E-6	0.0E+0	0.0E+0	1.8E-5	1.6E-6
793	0.016	-0.047	0.035	-0.037	-0.147	-0.216	-2.7E-7	-6.3E-6	0.0E+0	0.0E+0	2.4E-5	5.3E-6
794	-0.018	-0.021	0.025	-0.054	-0.125	-0.211	-1.5E-5	-4.8E-5	0.0E+0	0.0E+0	2.5E-5	2.0E-5
795	-0.016	-0.018	0.026	-0.050	-0.130	-0.205	-1.2E-5	-4.8E-5	0.0E+0	0.0E+0	2.4E-5	1.6E-5
796	-0.014	-0.015	0.027	-0.046	-0.135	-0.198	-8.8E-6	-5.4E-5	0.0E+0	0.0E+0	2.4E-5	9.2E-6
797	-0.009	-0.030	0.029	-0.049	-0.128	-0.218	-4.9E-6	-3.7E-5	0.0E+0	0.0E+0	4.3E-5	1.9E-5
798	0.002	-0.027	0.029	-0.038	-0.144	-0.202	1.6E-5	-5.5E-5	0.0E+0	0.0E+0	2.4E-5	1.2E-5
799	0.001	-0.028	0.029	-0.039	-0.143	-0.203	1.4E-5	-5.3E-5	0.0E+0	0.0E+0	2.6E-5	1.2E-5
800	0.018	-0.058	0.036	-0.036	-0.140	-0.230	6.3E-6	-6.1E-6	0.0E+0	0.0E+0	1.5E-5	1.2E-5
801	0.012	-0.052	0.034	-0.037	-0.137	-0.228	-1.6E-6	-4.7E-6	0.0E+0	0.0E+0	2.6E-5	1.8E-5
802	0.014	-0.041	0.033	-0.036	-0.150	-0.210	9.0E-6	-2.1E-5	0.0E+0	0.0E+0	3.0E-5	-1.9E-6
803	0.053	0.008	0.052	-0.017	-0.175	-0.243	4.7E-5	1.2E-5	0.0E+0	0.0E+0	-7.2E-5	-7.6E-5
804	0.059	0.015	0.056	-0.015	-0.169	-0.250	4.2E-5	2.5E-5	0.0E+0	0.0E+0	-8.1E-5	-9.3E-5
805	0.065	0.022	0.060	-0.012	-0.163	-0.257	3.8E-5	3.6E-5	0.0E+0	0.0E+0	-9.3E-5	-1.1E-4
806	0.069	0.018	0.065	-0.006	-0.167	-0.261	3.9E-5	3.7E-5	0.0E+0	0.0E+0	-9.2E-5	-1.1E-4
807	0.074	0.014	0.069	-0.001	-0.170	-0.265	4.5E-5	4.0E-5	0.0E+0	0.0E+0	-7.0E-5	-7.7E-5
808	0.068	0.007	0.066	-0.005	-0.175	-0.257	5.2E-5	4.6E-5	0.0E+0	0.0E+0	-4.1E-5	-4.9E-5
809	0.062	0.001	0.061	-0.010	-0.181	-0.249	6.1E-5	5.9E-5	0.0E+0	0.0E+0	-2.4E-5	-4.5E-5
810	0.072	0.002	0.068	-0.003	-0.180	-0.260	6.6E-5	5.4E-5	0.0E+0	0.0E+0	-3.7E-5	-4.6E-5
811	0.077	-0.003	0.070	-0.002	-0.185	-0.264	7.5E-5	6.0E-5	0.0E+0	0.0E+0	-2.2E-5	-3.3E-5
812	0.080	0.007	0.074	0.004	-0.175	-0.270	6.8E-5	5.4E-5	0.0E+0	0.0E+0	-4.7E-5	-5.1E-5
813	0.076	0.004	0.071	0.000	-0.178	-0.265	6.7E-5	5.4E-5	0.0E+0	0.0E+0	-4.2E-5	-4.8E-5
814	0.077	0.010	0.072	0.002	-0.172	-0.267	5.8E-5	4.8E-5	0.0E+0	0.0E+0	-6.1E-5	-6.4E-5
815	0.048	0.034	0.042	-0.034	-0.152	-0.240	1.5E-5	-2.6E-6	0.0E+0	0.0E+0	-7.9E-5	-9.6E-5
816	0.042	0.029	0.040	-0.033	-0.157	-0.232	1.5E-5	-1.6E-5	0.0E+0	0.0E+0	-6.4E-5	-7.9E-5
817	0.036	0.023	0.038	-0.033	-0.161	-0.225	2.1E-5	-2.3E-5	0.0E+0	0.0E+0	-5.0E-5	-6.9E-5
818	0.053	0.020	0.050	-0.022	-0.165	-0.244	3.4E-5	1.1E-5	0.0E+0	0.0E+0	-7.8E-5	-9.2E-5
819	0.048	0.024	0.045	-0.028	-0.161	-0.238	2.6E-5	-2.7E-6	0.0E+0	0.0E+0	-7.3E-5	-8.9E-5
820	0.058	0.028	0.052	-0.022	-0.158	-0.250	2.9E-5	1.9E-5	0.0E+0	0.0E+0	-8.8E-5	-1.1E-4
821	0.056	0.024	0.051	-0.022	-0.161	-0.247	3.1E-5	1.5E-5	0.0E+0	0.0E+0	-8.3E-5	-1.0E-4
822	0.071	-0.009	0.065	-0.008	-0.190	-0.256	7.3E-5	6.1E-5	0.0E+0	0.0E+0	-1.6E-5	-3.1E-5
823	0.066	-0.004	0.063	-0.009	-0.185	-0.252	6.4E-5	5.9E-5	0.0E+0	0.0E+0	-2.3E-5	-4.2E-5

RELAZIONE DI CALCOLO -

824	0.080	0.000	0.074	0.002	-0.181	-0.269	7.5E-5	5.9E-5	0.0E+0	0.0E+0	-2.6E-5	-3.6E-5
825	0.083	0.003	0.076	0.006	-0.178	-0.273	7.4E-5	5.9E-5	0.0E+0	0.0E+0	-2.8E-5	-3.9E-5
826	0.074	0.007	0.070	-0.001	-0.175	-0.263	5.8E-5	4.8E-5	0.0E+0	0.0E+0	-5.2E-5	-5.5E-5
827	0.079	0.012	0.074	0.004	-0.171	-0.270	5.9E-5	4.8E-5	0.0E+0	0.0E+0	-6.4E-5	-6.9E-5
828	0.031	0.029	0.034	-0.038	-0.156	-0.218	5.5E-6	-3.3E-5	0.0E+0	0.0E+0	-4.1E-5	-5.8E-5
829	0.036	0.035	0.035	-0.040	-0.151	-0.226	1.0E-6	-2.4E-5	0.0E+0	0.0E+0	-5.5E-5	-6.6E-5
830	0.042	0.041	0.035	-0.041	-0.147	-0.233	4.3E-7	-1.8E-5	0.0E+0	0.0E+0	-6.4E-5	-6.8E-5
831	0.048	0.013	0.047	-0.022	-0.170	-0.238	4.3E-5	-6.7E-7	0.0E+0	0.0E+0	-6.8E-5	-7.5E-5
832	0.042	0.018	0.042	-0.027	-0.166	-0.232	3.3E-5	-1.4E-5	0.0E+0	0.0E+0	-6.0E-5	-7.5E-5
833	0.050	0.027	0.046	-0.028	-0.158	-0.242	2.4E-5	3.1E-6	0.0E+0	0.0E+0	-7.8E-5	-9.5E-5
834	0.054	-0.048	0.020	-0.051	-0.127	-0.235	3.4E-5	-1.6E-5	0.0E+0	0.0E+0	1.1E-4	3.1E-5
835	0.056	-0.049	0.023	-0.053	-0.120	-0.242	3.5E-5	-1.7E-5	0.0E+0	0.0E+0	9.6E-5	3.0E-5
836	0.058	-0.050	0.026	-0.054	-0.114	-0.249	3.4E-5	-1.3E-5	0.0E+0	0.0E+0	8.3E-5	2.7E-5
837	0.068	-0.062	0.038	-0.048	-0.123	-0.238	1.1E-5	-1.6E-5	0.0E+0	0.0E+0	7.3E-5	2.5E-5
838	0.062	-0.055	0.031	-0.050	-0.122	-0.240	2.1E-5	-1.7E-5	0.0E+0	0.0E+0	9.8E-5	2.9E-5
839	0.066	-0.060	0.037	-0.047	-0.130	-0.231	1.1E-5	-1.7E-5	0.0E+0	0.0E+0	8.6E-5	2.3E-5
840	0.051	-0.044	0.019	-0.057	-0.112	-0.251	3.3E-5	-2.1E-5	0.0E+0	0.0E+0	7.1E-5	3.1E-5
841	0.049	-0.042	0.016	-0.055	-0.119	-0.244	5.0E-5	-7.4E-6	0.0E+0	0.0E+0	7.1E-5	2.5E-5
842	0.047	-0.041	0.012	-0.054	-0.125	-0.237	3.5E-5	-3.0E-5	0.0E+0	0.0E+0	7.5E-5	2.7E-5
843	0.070	-0.063	0.039	-0.050	-0.117	-0.245	1.3E-5	-1.6E-5	0.0E+0	0.0E+0	6.6E-5	2.6E-5
844	0.064	-0.057	0.033	-0.052	-0.115	-0.247	2.3E-5	-1.6E-5	0.0E+0	0.0E+0	8.3E-5	2.7E-5
845	0.060	-0.054	0.029	-0.049	-0.129	-0.233	2.0E-5	-1.9E-5	0.0E+0	0.0E+0	1.1E-4	2.9E-5
846	0.068	-0.062	0.039	-0.045	-0.135	-0.225	6.8E-6	-1.6E-5	0.0E+0	0.0E+0	5.5E-5	1.2E-5
847	0.075	-0.067	0.038	-0.042	-0.124	-0.237	0.0E+0	0.0E+0	1.1E-5	-3.2E-5	6.8E-6	-7.0E-6
848	0.074	-0.067	0.034	-0.038	-0.124	-0.238	0.0E+0	0.0E+0	1.3E-5	-3.2E-5	1.5E-6	-2.0E-5
849	0.073	-0.067	0.029	-0.034	-0.123	-0.239	0.0E+0	0.0E+0	1.6E-5	-3.0E-5	-1.9E-5	-3.3E-5
850	0.070	-0.065	0.029	-0.032	-0.129	-0.231	0.0E+0	0.0E+0	2.1E-5	-4.2E-5	2.5E-5	1.1E-5
851	0.071	-0.066	0.033	-0.037	-0.130	-0.231	0.0E+0	0.0E+0	9.9E-6	-4.5E-5	1.5E-6	-3.1E-5
852	0.072	-0.066	0.037	-0.041	-0.131	-0.230	0.0E+0	0.0E+0	1.4E-5	-3.3E-5	-2.4E-7	-2.2E-5
853	0.067	-0.065	0.029	-0.033	-0.133	-0.228	0.0E+0	0.0E+0	-1.3E-5	-7.7E-5	1.3E-5	-2.3E-5
854	0.078	-0.067	0.038	-0.042	-0.119	-0.243	0.0E+0	0.0E+0	1.9E-6	-4.0E-5	2.8E-5	1.2E-5
855	0.077	-0.067	0.034	-0.038	-0.119	-0.243	0.0E+0	0.0E+0	-3.0E-5	-7.1E-5	8.7E-6	-1.2E-5
856	0.075	-0.067	0.030	-0.034	-0.119	-0.243	0.0E+0	0.0E+0	-2.6E-5	-6.4E-5	-3.9E-6	-2.5E-5
857	0.068	-0.066	0.032	-0.036	-0.133	-0.227	0.0E+0	0.0E+0	-5.5E-6	-5.3E-5	-4.1E-7	-3.8E-5
858	0.045	-0.032	-0.004	-0.043	-0.113	-0.254	0.0E+0	0.0E+0	-1.6E-5	-6.5E-5	1.2E-5	7.7E-6
859	0.045	-0.033	0.001	-0.048	-0.114	-0.251	0.0E+0	0.0E+0	4.2E-7	-5.0E-5	1.6E-5	-7.7E-7
860	0.044	-0.034	0.006	-0.053	-0.116	-0.249	0.0E+0	0.0E+0	3.0E-5	-1.8E-5	2.3E-5	1.3E-5
861	0.042	-0.032	0.003	-0.051	-0.122	-0.242	0.0E+0	0.0E+0	1.3E-5	-4.3E-5	9.2E-6	-1.0E-5
862	0.040	-0.033	-0.002	-0.046	-0.120	-0.244	0.0E+0	0.0E+0	5.8E-6	-4.7E-5	-3.4E-5	-4.1E-5
863	0.038	-0.034	-0.007	-0.041	-0.119	-0.246	0.0E+0	0.0E+0	-2.3E-5	-7.7E-5	-8.8E-6	-2.5E-5
864	0.040	-0.031	0.000	-0.049	-0.125	-0.238	0.0E+0	0.0E+0	7.0E-5	1.0E-5	-5.9E-5	-6.3E-5
865	0.047	-0.036	0.010	-0.055	-0.110	-0.254	0.0E+0	0.0E+0	5.7E-6	-3.8E-5	1.9E-5	1.8E-5
866	0.038	-0.033	-0.004	-0.044	-0.123	-0.240	0.0E+0	0.0E+0	-9.4E-6	-5.1E-5	-1.5E-5	-2.6E-5
867	0.035	-0.035	-0.008	-0.039	-0.122	-0.242	0.0E+0	0.0E+0	-1.4E-5	-5.8E-5	-4.6E-5	-6.4E-5
868	0.066	-0.066	0.086	0.000	-0.104	-0.191	9.2E-5	5.6E-5	0.0E+0	0.0E+0	-2.9E-5	-6.4E-5
869	0.015	-0.003	-0.005	-0.040	-0.110	-0.243	0.0E+0	0.0E+0	-3.7E-5	-8.3E-5	-4.7E-5	-7.5E-5
870	0.008	-0.007	-0.001	-0.037	-0.117	-0.236	0.0E+0	0.0E+0	-4.1E-5	-7.6E-5	-1.7E-5	-2.4E-5
871	0.004	-0.009	0.010	-0.027	-0.117	-0.231	0.0E+0	0.0E+0	-3.8E-6	-1.1E-5	3.2E-6	-6.2E-6
872	0.049	-0.069	0.005	-0.008	-0.124	-0.233	0.0E+0	0.0E+0	1.5E-5	-3.6E-5	-4.5E-7	-7.6E-5
873	0.034	-0.067	0.020	-0.023	-0.125	-0.232	0.0E+0	0.0E+0	2.3E-5	-1.1E-5	7.3E-6	-7.1E-5
874	0.028	-0.066	0.027	-0.030	-0.126	-0.231	0.0E+0	0.0E+0	2.5E-5	7.4E-6	1.1E-5	-5.7E-5
875	0.056	-0.069	-0.001	-0.003	-0.124	-0.234	0.0E+0	0.0E+0	8.0E-6	-4.1E-5	-4.1E-6	-6.7E-5
876	0.062	-0.068	0.006	-0.010	-0.124	-0.235	0.0E+0	0.0E+0	6.4E-7	-4.8E-5	-8.4E-6	-5.4E-5
877	0.071	-0.067	0.019	-0.023	-0.122	-0.238	0.0E+0	0.0E+0	1.2E-5	-4.1E-5	1.0E-5	6.8E-7
878	0.067	-0.067	0.013	-0.017	-0.125	-0.235	0.0E+0	0.0E+0	-4.1E-6	-5.4E-5	-1.9E-5	-4.4E-5
879	0.068	-0.066	0.020	-0.023	-0.128	-0.232	0.0E+0	0.0E+0	-1.1E-6	-4.5E-5	-3.8E-5	-3.9E-5
880	0.041	-0.068	0.012	-0.015	-0.125	-0.233	0.0E+0	0.0E+0	2.0E-5	-2.5E-5	3.6E-6	-7.6E-5
881	0.002	-0.010	-0.014	-0.025	-0.110	-0.230	0.0E+0	0.0E+0	-1.3E-5	-2.2E-5	-2.1E-5	-6.7E-5
882	0.005	-0.009	-0.014	-0.029	-0.107	-0.236	0.0E+0	0.0E+0	-1.9E-5	-3.8E-5	-2.8E-5	-7.0E-5
883	0.055	0.032	0.015	-0.030	-0.114	-0.224	0.0E+0	0.0E+0	-5.4E-5	-6.4E-5	1.1E-4	3.2E-5
884	0.061	0.037	0.016	-0.031	-0.109	-0.230	0.0E+0	0.0E+0	-6.2E-5	-7.9E-5	9.4E-5	2.7E-5
885	0.068	0.042	0.016	-0.031	-0.103	-0.236	0.0E+0	0.0E+0	-7.4E-5	-9.6E-5	9.1E-5	2.7E-5
886	0.043	0.028	0.008	-0.023	-0.114	-0.224	0.0E+0	0.0E+0	-5.9E-5	-8.1E-5	1.5E-4	5.8E-5
887	0.048	0.032	0.008	-0.023	-0.109	-0.230	0.0E+0	0.0E+0	-6.2E-5	-8.3E-5	1.4E-4	5.8E-5
888	0.054	0.036	0.009	-0.024	-0.105	-0.235	0.0E+0	0.0E+0	-6.9E-5	-9.3E-5	1.4E-4	5.9E-5
889	0.028	0.021	0.001	-0.016	-0.115	-0.225	0.0E+0	0.0E+0	-5.1E-5	-7.4E-5	1.6E-4	6.7E-5
890	0.032	0.025	0.001	-0.016	-0.110	-0.230	0.0E+0	0.0E+0	-5.7E-5	-8.3E-5	1.6E-4	7.3E-5
891	0.037	0.028	0.001	-0.017	-0.106	-0.234	0.0E+0	0.0E+0	-6.2E-5	-8.8E-5	1.6E-4	7.7E-5
892	0.020	0.019	-0.006	-0.010	-0.108	-0.233	0.0E+0	0.0E+0	-5.1E-5	-7.6E-5	1.6E-4	7.9E-5
893	0.011	0.004	-0.003	-0.014	-0.111	-0.232	0.0E+0	0.0E+0	-3.7E-5	-5.8E-5	1.2E-4	5.9E-5
894	0.015	0.014	-0.005	-0.009	-0.115	-0.225	0.0E+0	0.0E+0	-4.3E-5	-6.6E-5	1.5E-4	6.8E-5
895	0.016	0.016	-0.006	-0.009	-0.112	-0.229	0.0E+0	0.0E+0	-4.6E-5	-6.9E-5	1.5E-4	7.0E-5

896	0.009	0.001	-0.002	-0.013	-0.115	-0.228	0.0E+0	0.0E+0	-3.4E-5	-5.6E-5	1.2E-4	5.8E-5
897	0.010	0.004	-0.004	-0.011	-0.116	-0.226	0.0E+0	0.0E+0	-3.3E-5	-5.4E-5	1.3E-4	5.8E-5
898	0.105	0.016	0.088	0.035	-0.145	-0.283	0.0E+0	0.0E+0	-6.4E-5	-7.4E-5	4.5E-5	-8.3E-6
899	0.100	0.010	0.083	0.028	-0.151	-0.276	0.0E+0	0.0E+0	-6.3E-5	-7.1E-5	5.0E-5	-4.6E-6
900	0.095	0.004	0.077	0.022	-0.156	-0.270	0.0E+0	0.0E+0	-6.2E-5	-6.8E-5	5.1E-5	-1.9E-6
901	0.103	0.007	0.080	0.040	-0.141	-0.274	0.0E+0	0.0E+0	-6.7E-5	-7.6E-5	9.6E-5	2.1E-5
902	0.098	0.002	0.075	0.034	-0.146	-0.268	0.0E+0	0.0E+0	-6.4E-5	-6.9E-5	9.7E-5	2.2E-5
903	0.093	-0.004	0.069	0.029	-0.151	-0.262	0.0E+0	0.0E+0	-6.2E-5	-6.2E-5	9.4E-5	2.3E-5
904	0.099	-0.005	0.071	0.045	-0.136	-0.266	0.0E+0	0.0E+0	-6.5E-5	-6.9E-5	1.3E-4	4.4E-5
905	0.094	-0.010	0.066	0.040	-0.141	-0.260	0.0E+0	0.0E+0	-6.0E-5	-6.1E-5	1.3E-4	4.3E-5
906	0.090	-0.015	0.062	0.036	-0.145	-0.254	0.0E+0	0.0E+0	-5.0E-5	-5.9E-5	1.2E-4	4.1E-5
907	0.092	-0.019	0.063	0.050	-0.132	-0.257	0.0E+0	0.0E+0	-5.5E-5	-5.9E-5	1.6E-4	6.1E-5
908	0.088	-0.024	0.058	0.046	-0.136	-0.252	0.0E+0	0.0E+0	-4.5E-5	-5.5E-5	1.5E-4	5.8E-5
909	0.084	-0.028	0.054	0.043	-0.139	-0.246	0.0E+0	0.0E+0	-3.4E-5	-5.2E-5	1.4E-4	5.5E-5
910	0.085	-0.035	0.055	0.054	-0.128	-0.248	0.0E+0	0.0E+0	-3.6E-5	-4.9E-5	1.6E-4	7.2E-5
911	0.082	-0.039	0.052	0.050	-0.131	-0.243	0.0E+0	0.0E+0	-2.7E-5	-4.4E-5	1.5E-4	6.6E-5
912	0.079	-0.042	0.050	0.046	-0.134	-0.238	0.0E+0	0.0E+0	-1.8E-5	-4.1E-5	1.4E-4	6.0E-5
913	0.078	-0.048	0.060	0.047	-0.124	-0.241	0.0E+0	0.0E+0	-1.6E-5	-3.7E-5	1.6E-4	7.5E-5
914	0.075	-0.052	0.059	0.043	-0.126	-0.236	0.0E+0	0.0E+0	-4.9E-6	-3.0E-5	1.4E-4	6.9E-5
915	0.073	-0.056	0.057	0.038	-0.128	-0.230	0.0E+0	0.0E+0	6.6E-6	-2.1E-5	1.2E-4	6.0E-5
916	0.067	-0.066	0.066	0.030	-0.121	-0.223	0.0E+0	0.0E+0	3.5E-5	-2.8E-6	8.5E-5	5.2E-5
917	0.070	-0.063	0.065	0.036	-0.121	-0.230	0.0E+0	0.0E+0	1.6E-5	-1.5E-5	1.1E-4	6.4E-5
918	0.073	-0.058	0.064	0.041	-0.121	-0.235	0.0E+0	0.0E+0	2.2E-6	-2.5E-5	1.4E-4	7.4E-5
919	0.070	0.027	0.064	-0.008	-0.146	-0.257	3.8E-5	3.5E-5	0.0E+0	0.0E+0	-9.5E-5	-1.2E-4
920	0.074	0.032	0.066	-0.005	-0.141	-0.263	3.9E-5	3.6E-5	0.0E+0	0.0E+0	-1.0E-4	-1.3E-4
921	0.079	0.037	0.069	-0.002	-0.136	-0.268	4.0E-5	3.6E-5	0.0E+0	0.0E+0	-1.1E-4	-1.4E-4
922	0.083	0.041	0.072	0.001	-0.131	-0.274	4.0E-5	3.6E-5	0.0E+0	0.0E+0	-1.1E-4	-1.5E-4
923	0.069	0.056	0.050	-0.027	-0.119	-0.261	1.5E-5	8.7E-6	0.0E+0	0.0E+0	-1.1E-4	-1.3E-4
924	0.064	0.051	0.049	-0.028	-0.124	-0.255	1.8E-5	1.3E-5	0.0E+0	0.0E+0	-9.7E-5	-1.2E-4
925	0.060	0.046	0.048	-0.029	-0.129	-0.249	2.2E-5	2.0E-5	0.0E+0	0.0E+0	-9.2E-5	-1.1E-4
926	0.056	0.042	0.046	-0.031	-0.134	-0.244	2.1E-5	1.7E-5	0.0E+0	0.0E+0	-8.9E-5	-1.1E-4
927	0.057	0.052	0.038	-0.040	-0.120	-0.243	1.4E-5	8.0E-6	0.0E+0	0.0E+0	-6.0E-5	-6.4E-5
928	0.056	0.052	0.042	-0.035	-0.124	-0.246	1.7E-5	1.3E-5	0.0E+0	0.0E+0	-8.0E-5	-8.9E-5
929	0.050	0.048	0.040	-0.038	-0.129	-0.239	2.1E-5	1.9E-5	0.0E+0	0.0E+0	-7.4E-5	-7.9E-5
930	0.052	0.046	0.036	-0.042	-0.125	-0.235	1.9E-5	1.7E-5	0.0E+0	0.0E+0	-5.3E-5	-6.0E-5
931	0.076	0.022	0.070	0.000	-0.150	-0.262	4.7E-5	4.1E-5	0.0E+0	0.0E+0	-8.7E-5	-1.1E-4
932	0.081	0.017	0.076	0.007	-0.153	-0.267	5.7E-5	4.8E-5	0.0E+0	0.0E+0	-7.5E-5	-8.8E-5
933	0.087	0.012	0.081	0.013	-0.157	-0.272	6.8E-5	5.5E-5	0.0E+0	0.0E+0	-5.5E-5	-5.6E-5
934	0.093	0.018	0.087	0.019	-0.151	-0.279	6.8E-5	5.6E-5	0.0E+0	0.0E+0	-6.4E-5	-6.5E-5
935	0.097	0.025	0.091	0.025	-0.144	-0.286	6.6E-5	5.6E-5	0.0E+0	0.0E+0	-7.6E-5	-8.1E-5
936	0.080	0.028	0.074	0.004	-0.144	-0.268	4.8E-5	4.2E-5	0.0E+0	0.0E+0	-9.4E-5	-1.2E-4
937	0.086	0.023	0.080	0.012	-0.147	-0.274	5.7E-5	4.8E-5	0.0E+0	0.0E+0	-8.3E-5	-1.0E-4
938	0.091	0.030	0.084	0.017	-0.140	-0.280	5.7E-5	4.9E-5	0.0E+0	0.0E+0	-9.4E-5	-1.2E-4
939	0.084	0.033	0.076	0.007	-0.138	-0.274	4.8E-5	4.2E-5	0.0E+0	0.0E+0	-1.0E-4	-1.3E-4
940	0.087	0.038	0.078	0.009	-0.133	-0.278	4.8E-5	4.2E-5	0.0E+0	0.0E+0	-1.1E-4	-1.4E-4
941	0.076	0.049	0.061	-0.014	-0.125	-0.267	2.6E-5	2.5E-5	0.0E+0	0.0E+0	-1.1E-4	-1.5E-4
942	0.072	0.044	0.059	-0.016	-0.130	-0.262	2.7E-5	2.7E-5	0.0E+0	0.0E+0	-1.1E-4	-1.4E-4
943	0.067	0.039	0.057	-0.018	-0.135	-0.256	2.7E-5	2.7E-5	0.0E+0	0.0E+0	-1.0E-4	-1.3E-4
944	0.063	0.034	0.055	-0.020	-0.140	-0.250	2.8E-5	2.7E-5	0.0E+0	0.0E+0	-9.5E-5	-1.2E-4
945	0.063	0.061	0.041	-0.038	-0.113	-0.254	3.5E-6	-9.6E-6	0.0E+0	0.0E+0	-8.1E-5	-8.8E-5
946	0.059	0.057	0.043	-0.035	-0.120	-0.251	1.3E-5	6.0E-6	0.0E+0	0.0E+0	-8.2E-5	-9.1E-5
947	0.061	0.055	0.038	-0.040	-0.116	-0.246	8.3E-6	-9.7E-7	0.0E+0	0.0E+0	-6.4E-5	-6.7E-5
948	0.074	0.048	0.032	-0.045	-0.105	-0.242	4.0E-6	-9.4E-6	0.0E+0	0.0E+0	-1.1E-5	-3.6E-5
949	0.067	0.043	0.032	-0.044	-0.112	-0.235	6.2E-6	-5.1E-6	0.0E+0	0.0E+0	-1.2E-5	-3.8E-5
950	0.061	0.038	0.031	-0.044	-0.118	-0.228	8.5E-6	-2.1E-6	0.0E+0	0.0E+0	3.7E-6	-2.9E-5

Tabella 20.III

Stato Limite d'Esercizio - Quasi Permanenti												
Nodo	Spostamenti						Rotazioni					
	Vx [cm]		Vy [cm]		Vz [cm]		Rx [rad]		Ry [rad]		Rz [rad]	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	-0.006	-0.006	-0.001	-0.001	-0.181	-0.181	-7.4E-6	-7.4E-6	2.7E-5	2.7E-5	1.3E-5	1.3E-5
2	-0.006	-0.006	0.004	0.004	-0.189	-0.189	-8.3E-5	-8.3E-5	-4.0E-5	-4.0E-5	6.6E-6	6.6E-6
3	0.009	0.009	-0.003	-0.003	-0.159	-0.159	-1.1E-5	-1.1E-5	3.7E-5	3.7E-5	-2.6E-5	-2.6E-5
4	0.009	0.009	-0.002	-0.002	-0.151	-0.151	6.0E-5	6.0E-5	-2.0E-5	-2.0E-5	-2.7E-5	-2.7E-5
5	0.000	0.000	0.004	0.004	-0.160	-0.160	-1.3E-4	-1.3E-4	-3.4E-5	-3.4E-5	9.5E-6	9.5E-6
6	-0.001	-0.001	0.000	0.000	-0.172	-0.172	3.1E-5	3.1E-5	-3.7E-5	-3.7E-5	8.3E-6	8.3E-6
7	0.000	0.000	-0.002	-0.002	-0.169	-0.169	4.7E-5	4.7E-5	6.9E-5	6.9E-5	7.0E-6	7.0E-6
8	0.000	0.000	-0.001	-0.001	-0.149	-0.149	-5.6E-5	-5.6E-5	2.9E-5	2.9E-5	-1.6E-5	-1.6E-5
9	0.000	0.000	-0.001	-0.001	-0.179	-0.179	-1.9E-6	-1.9E-6	1.7E-4	1.7E-4	8.8E-6	8.8E-6
10	0.000	0.000	0.001	0.001	-0.175	-0.175	-1.2E-6	-1.2E-6	-1.1E-6	-1.1E-6	5.6E-6	5.6E-6
11	0.000	0.000	-0.002	-0.002	-0.174	-0.174	1.4E-5	1.4E-5	6.6E-6	6.6E-6	6.3E-6	6.3E-6

RELAZIONE DI CALCOLO -

12	0.000	0.000	-0.002	-0.002	-0.165	-0.165	6.6E-5	6.6E-5	-1.5E-4	-1.5E-4	-2.0E-5	-2.0E-5
13	-0.001	-0.001	0.002	0.002	-0.159	-0.159	-2.7E-5	-2.7E-5	-1.7E-5	-1.7E-5	1.1E-5	1.1E-5
14	-0.001	-0.001	0.000	0.000	-0.168	-0.168	-1.3E-5	-1.3E-5	-7.4E-5	-7.4E-5	1.2E-6	1.2E-6
15	0.000	0.000	0.000	0.000	-0.183	-0.183	9.3E-6	9.3E-6	5.4E-5	5.4E-5	-2.1E-6	-2.1E-6
16	0.000	0.000	0.002	0.002	-0.160	-0.160	-1.7E-5	-1.7E-5	3.1E-5	3.1E-5	-3.1E-6	-3.1E-6
17	-0.001	-0.001	0.000	0.000	-0.176	-0.176	8.8E-6	8.8E-6	-7.2E-5	-7.2E-5	-8.7E-8	-8.7E-8
18	-0.001	-0.001	-0.001	-0.001	-0.223	-0.223	7.7E-5	7.7E-5	-9.6E-5	-9.6E-5	1.8E-6	1.8E-6
19	0.000	0.000	0.002	0.002	-0.157	-0.157	-1.8E-5	-1.8E-5	2.0E-5	2.0E-5	6.5E-6	6.5E-6
20	-0.001	-0.001	0.000	0.000	-0.167	-0.167	1.5E-6	1.5E-6	-7.2E-5	-7.2E-5	-3.2E-6	-3.2E-6
21	0.000	0.000	-0.001	-0.001	-0.185	-0.185	3.5E-6	3.5E-6	-5.0E-6	-5.0E-6	-8.2E-6	-8.2E-6
22	0.002	0.002	-0.020	-0.020	-0.190	-0.190	-1.6E-4	-1.6E-4	-4.4E-4	-4.4E-4	-1.6E-5	-1.6E-5
23	0.003	0.003	-0.002	-0.002	-0.160	-0.160	-1.2E-4	-1.2E-4	4.8E-4	4.8E-4	-1.7E-5	-1.7E-5
24	0.004	0.004	0.022	0.022	-0.154	-0.154	7.3E-5	7.3E-5	1.0E-5	1.0E-5	-1.8E-5	-1.8E-5
25	-0.001	-0.001	-0.019	-0.019	-0.182	-0.182	-1.1E-3	-1.1E-3	5.5E-5	5.5E-5	2.2E-6	2.2E-6
26	0.000	0.000	-0.008	-0.008	-0.185	-0.185	-1.0E-3	-1.0E-3	6.8E-5	6.8E-5	-1.9E-5	-1.9E-5
27	0.000	0.000	-0.004	-0.004	-0.183	-0.183	-1.0E-3	-1.0E-3	-4.2E-5	-4.2E-5	-1.1E-5	-1.1E-5
28	-0.001	-0.001	-0.001	-0.001	-0.169	-0.169	-1.0E-3	-1.0E-3	-6.1E-6	-6.1E-6	-3.3E-5	-3.3E-5
29	-0.003	-0.003	0.000	0.000	-0.186	-0.186	-9.5E-4	-9.5E-4	-1.9E-4	-1.9E-4	1.9E-5	1.9E-5
30	-0.001	-0.001	-0.007	-0.007	-0.180	-0.180	-3.2E-5	-3.2E-5	3.3E-6	3.3E-6	-1.7E-5	-1.7E-5
31	-0.001	-0.001	-0.004	-0.004	-0.179	-0.179	-1.6E-5	-1.6E-5	2.8E-6	2.8E-6	-2.6E-6	-2.6E-6
32	0.001	0.001	0.023	0.023	-0.171	-0.171	-9.5E-4	-9.5E-4	1.7E-4	1.7E-4	-3.0E-5	-3.0E-5
33	-0.010	-0.010	-0.008	-0.008	-0.162	-0.162	0.0E+0	0.0E+0	3.6E-5	3.6E-5	-1.3E-5	-1.3E-5
34	0.022	0.022	-0.004	-0.004	-0.172	-0.172	0.0E+0	0.0E+0	-7.7E-5	-7.7E-5	3.1E-5	3.1E-5
35	-0.013	-0.013	0.001	0.001	-0.186	-0.186	-3.2E-7	-3.2E-7	2.7E-5	2.7E-5	5.8E-6	5.8E-6
36	-0.011	-0.011	-0.008	-0.008	-0.163	-0.163	-3.6E-5	-3.6E-5	0.0E+0	0.0E+0	7.9E-6	7.9E-6
37	0.024	0.024	-0.004	-0.004	-0.180	-0.180	-2.4E-5	-2.4E-5	0.0E+0	0.0E+0	-2.7E-5	-2.7E-5
38	0.002	0.002	-0.008	-0.008	-0.400	-0.400	-7.8E-4	-7.8E-4	-2.4E-4	-2.4E-4	-2.0E-5	-2.0E-5
39	0.002	0.002	-0.004	-0.004	-0.393	-0.393	-7.7E-4	-7.7E-4	3.1E-4	3.1E-4	-1.2E-5	-1.2E-5
40	0.026	0.026	0.024	0.024	-0.227	-0.227	6.9E-5	6.9E-5	-6.6E-5	-6.6E-5	-7.2E-6	-7.2E-6
41	-0.011	-0.011	-0.008	-0.008	-0.159	-0.159	-4.0E-5	-4.0E-5	3.6E-5	3.6E-5	-4.7E-6	-4.7E-6
42	0.024	0.024	-0.005	-0.005	-0.170	-0.170	-2.5E-5	-2.5E-5	-8.1E-5	-8.1E-5	2.6E-6	2.6E-6
43	0.003	0.003	0.000	0.000	-0.188	-0.188	3.6E-7	3.6E-7	-7.6E-6	-7.6E-6	1.7E-7	1.7E-7
44	0.003	0.003	-0.023	-0.023	-0.191	-0.191	-1.2E-4	-1.2E-4	-4.3E-4	-4.3E-4	-1.8E-6	-1.8E-6
45	0.001	0.001	0.015	0.015	-0.160	-0.160	-1.1E-4	-1.1E-4	5.1E-4	5.1E-4	-5.6E-5	-5.6E-5
46	0.001	0.001	0.045	0.045	-0.155	-0.155	7.7E-5	7.7E-5	6.2E-6	6.2E-6	-1.7E-5	-1.7E-5
47	-0.001	-0.001	-0.023	-0.023	-0.192	-0.192	-9.9E-4	-9.9E-4	4.6E-5	4.6E-5	1.5E-5	1.5E-5
48	-0.001	-0.001	-0.018	-0.018	-0.190	-0.190	-1.0E-3	-1.0E-3	6.9E-5	6.9E-5	-2.7E-5	-2.7E-5
49	-0.001	-0.001	-0.009	-0.009	-0.187	-0.187	-9.9E-4	-9.9E-4	-3.1E-5	-3.1E-5	-3.5E-5	-3.5E-5
50	-0.002	-0.002	0.015	0.015	-0.179	-0.179	-9.3E-4	-9.3E-4	2.9E-5	2.9E-5	-6.7E-5	-6.7E-5
51	-0.002	-0.002	0.000	0.000	-0.189	-0.189	-8.7E-4	-8.7E-4	-1.8E-4	-1.8E-4	2.5E-5	2.5E-5
52	-0.002	-0.002	-0.018	-0.018	-0.183	-0.183	-3.7E-5	-3.7E-5	3.0E-6	3.0E-6	-3.3E-5	-3.3E-5
53	-0.001	-0.001	-0.009	-0.009	-0.182	-0.182	-1.6E-5	-1.6E-5	-1.1E-5	-1.1E-5	1.8E-5	1.8E-5
54	0.001	0.001	0.045	0.045	-0.173	-0.173	-8.1E-4	-8.1E-4	9.0E-5	9.0E-5	-3.7E-5	-3.7E-5
55	-0.021	-0.021	-0.017	-0.017	-0.165	-0.165	-1.1E-5	-1.1E-5	4.3E-5	4.3E-5	-8.6E-6	-8.6E-6
56	0.046	0.046	-0.008	-0.008	-0.177	-0.177	3.9E-5	3.9E-5	-5.8E-5	-5.8E-5	1.0E-5	1.0E-5
57	-0.022	-0.022	0.000	0.000	-0.188	-0.188	-9.3E-7	-9.3E-7	2.8E-5	2.8E-5	-4.8E-6	-4.8E-6
58	-0.022	-0.022	-0.018	-0.018	-0.167	-0.167	-2.7E-5	-2.7E-5	1.1E-5	1.1E-5	2.7E-6	2.7E-6
59	0.046	0.046	-0.008	-0.008	-0.185	-0.185	1.7E-5	1.7E-5	-3.2E-5	-3.2E-5	-1.7E-5	-1.7E-5
60	0.002	0.002	-0.018	-0.018	-0.398	-0.398	-7.6E-4	-7.6E-4	-2.4E-4	-2.4E-4	-2.9E-5	-2.9E-5
61	0.002	0.002	-0.009	-0.009	-0.393	-0.393	-7.6E-4	-7.6E-4	3.0E-4	3.0E-4	-3.9E-5	-3.9E-5
62	0.046	0.046	0.046	0.046	-0.230	-0.230	7.0E-5	7.0E-5	-6.5E-5	-6.5E-5	-1.6E-5	-1.6E-5
63	0.046	0.046	-0.009	-0.009	-0.177	-0.177	1.6E-6	1.6E-6	-6.3E-5	-6.3E-5	-1.0E-5	-1.0E-5
64	0.004	0.004	-0.002	-0.002	-0.181	-0.181	2.0E-6	2.0E-6	-6.9E-7	-6.9E-7	4.1E-5	4.1E-5
65	0.004	0.004	-0.021	-0.021	-0.182	-0.182	-1.4E-5	-1.4E-5	-7.2E-5	-7.2E-5	4.6E-5	4.6E-5
66	-0.002	-0.002	0.014	0.014	-0.152	-0.152	9.2E-5	9.2E-5	-1.1E-4	-1.1E-4	-2.8E-5	-2.8E-5
67	0.000	0.000	0.046	0.046	-0.147	-0.147	7.7E-5	7.7E-5	5.5E-6	5.5E-6	-1.5E-5	-1.5E-5
68	0.011	0.011	-0.021	-0.021	-0.186	-0.186	-1.1E-3	-1.1E-3	2.2E-5	2.2E-5	3.5E-5	3.5E-5
69	0.011	0.011	-0.027	-0.027	-0.181	-0.181	-1.1E-3	-1.1E-3	2.1E-4	2.1E-4	-2.7E-6	-2.7E-6
70	0.000	0.000	-0.009	-0.009	-0.177	-0.177	-2.5E-4	-2.5E-4	-7.4E-5	-7.4E-5	-6.0E-5	-6.0E-5
71	-0.003	-0.003	0.022	0.022	-0.170	-0.170	-3.0E-4	-3.0E-4	4.6E-5	4.6E-5	-8.2E-5	-8.2E-5
72	0.010	0.010	-0.002	-0.002	-0.181	-0.181	-1.0E-3	-1.0E-3	-2.2E-4	-2.2E-4	3.3E-5	3.3E-5
73	0.005	0.005	-0.025	-0.025	-0.174	-0.174	0.0E+0	0.0E+0	-4.8E-5	-4.8E-5	-6.4E-5	-6.4E-5
74	0.002	0.002	-0.009	-0.009	-0.173	-0.173	0.0E+0	0.0E+0	-3.4E-5	-3.4E-5	5.2E-5	5.2E-5
75	-0.002	-0.002	0.050	0.050	-0.165	-0.165	-2.4E-4	-2.4E-4	4.0E-5	4.0E-5	-4.0E-5	-4.0E-5
76	-0.021	-0.021	-0.017	-0.017	-0.158	-0.158	5.3E-5	5.3E-5	-1.6E-6	-1.6E-6	1.5E-5	1.5E-5
77	0.067	0.067	-0.008	-0.008	-0.170	-0.170	-5.5E-6	-5.5E-6	-8.6E-5	-8.6E-5	-1.7E-5	-1.7E-5
78	-0.021	-0.021	-0.001	-0.001	-0.178	-0.178	-2.4E-6	-2.4E-6	2.4E-5	2.4E-5	-6.1E-6	-6.1E-6
79	-0.020	-0.020	-0.017	-0.017	-0.159	-0.159	2.2E-5	2.2E-5	-3.9E-5	-3.9E-5	1.9E-5	1.9E-5
80	0.067	0.067	-0.005	-0.005	-0.178	-0.178	-2.0E-5	-2.0E-5	-6.3E-5	-6.3E-5	-2.7E-5	-2.7E-5
81	0.067	0.067	0.069	0.069	-0.221	-0.221	7.1E-5	7.1E-5	-6.4E-5	-6.4E-5	-4.3E-5	-4.3E-5
82	0.067	0.067	-0.008	-0.008	-0.169	-0.169	-5.2E-6	-5.2E-6	-6.7E-5	-6.7E-5	-2.3E-5	-2.3E-5
83	-0.001	-0.001	-0.001	-0.001	-0.184	-0.184	-8.5E-7	-8.5E-7	-2.6E-5	-2.6E-5	-2.2E-5	-2.2E-5

RELAZIONE DI CALCOLO -

84	-0.006	-0.006	-0.001	-0.001	-0.180	-0.180	-1.4E-5	-1.4E-5	1.7E-5	1.7E-5	1.7E-6	1.7E-6
85	-0.006	-0.006	0.000	0.000	-0.180	-0.180	-3.4E-5	-3.4E-5	-2.1E-5	-2.1E-5	-1.7E-5	-1.7E-5
86	0.000	0.000	-0.001	-0.001	-0.185	-0.185	3.0E-6	3.0E-6	0.0E+0	0.0E+0	1.4E-5	1.4E-5
87	0.001	0.001	-0.007	-0.007	-0.186	-0.186	-1.6E-5	-1.6E-5	0.0E+0	0.0E+0	7.4E-5	7.4E-5
88	0.005	0.005	0.017	0.017	-0.153	-0.153	6.9E-5	6.9E-5	2.5E-5	2.5E-5	-4.8E-6	-4.8E-6
89	0.009	0.009	-0.002	-0.002	-0.151	-0.151	3.5E-5	3.5E-5	2.1E-5	2.1E-5	7.7E-6	7.7E-6
90	0.009	0.009	-0.002	-0.002	-0.150	-0.150	5.3E-5	5.3E-5	-9.2E-6	-9.2E-6	-1.2E-5	-1.2E-5
91	0.004	0.004	0.015	0.015	-0.155	-0.155	5.5E-5	5.5E-5	0.0E+0	0.0E+0	-7.8E-5	-7.8E-5
92	0.004	0.004	0.021	0.021	-0.154	-0.154	7.1E-5	7.1E-5	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5
93	0.000	0.000	0.000	0.000	-0.173	-0.173	7.8E-7	7.8E-7	5.5E-5	5.5E-5	-2.4E-6	-2.4E-6
94	0.000	0.000	0.001	0.001	-0.167	-0.167	-6.8E-6	-6.8E-6	1.1E-5	1.1E-5	-4.2E-6	-4.2E-6
95	-0.013	-0.013	-0.001	-0.001	-0.181	-0.181	-5.2E-6	-5.2E-6	0.0E+0	0.0E+0	1.2E-5	1.2E-5
96	-0.012	-0.012	-0.004	-0.004	-0.174	-0.174	-1.6E-5	-1.6E-5	0.0E+0	0.0E+0	1.7E-5	1.7E-5
97	-0.001	-0.001	0.000	0.000	-0.195	-0.195	3.9E-5	3.9E-5	-3.7E-5	-3.7E-5	1.8E-6	1.8E-6
98	-0.001	-0.001	0.000	0.000	-0.206	-0.206	5.9E-5	5.9E-5	-9.1E-5	-9.1E-5	3.3E-6	3.3E-6
99	0.025	0.025	0.011	0.011	-0.204	-0.204	2.5E-5	2.5E-5	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5
100	0.025	0.025	0.020	0.020	-0.215	-0.215	5.8E-5	5.8E-5	0.0E+0	0.0E+0	-3.2E-5	-3.2E-5
101	0.003	0.003	0.000	0.000	-0.187	-0.187	-9.9E-7	-9.9E-7	-1.3E-5	-1.3E-5	-3.2E-6	-3.2E-6
102	0.003	0.003	-0.001	-0.001	-0.188	-0.188	-2.2E-6	-2.2E-6	0.0E+0	0.0E+0	3.1E-5	3.1E-5
103	0.003	0.003	-0.007	-0.007	-0.189	-0.189	6.4E-6	6.4E-6	0.0E+0	0.0E+0	7.8E-5	7.8E-5
104	0.000	0.000	0.036	0.036	-0.157	-0.157	7.7E-5	7.7E-5	0.0E+0	0.0E+0	-9.4E-5	-9.4E-5
105	0.000	0.000	0.044	0.044	-0.156	-0.156	7.6E-5	7.6E-5	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5
106	0.001	0.001	0.042	0.042	-0.155	-0.155	7.4E-5	7.4E-5	9.9E-6	9.9E-6	-1.7E-5	-1.7E-5
107	-0.022	-0.022	-0.009	-0.009	-0.176	-0.176	-1.5E-5	-1.5E-5	0.0E+0	0.0E+0	4.0E-5	4.0E-5
108	-0.022	-0.022	-0.004	-0.004	-0.180	-0.180	-9.0E-6	-9.0E-6	0.0E+0	0.0E+0	3.5E-5	3.5E-5
109	-0.012	-0.012	-0.002	-0.002	-0.179	-0.179	-7.9E-6	-7.9E-6	0.0E+0	0.0E+0	1.4E-5	1.4E-5
110	0.046	0.046	0.025	0.025	-0.210	-0.210	3.6E-5	3.6E-5	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4
111	0.046	0.046	0.036	0.036	-0.218	-0.218	4.6E-5	4.6E-5	0.0E+0	0.0E+0	-8.4E-5	-8.4E-5
112	0.025	0.025	0.015	0.015	-0.208	-0.208	3.6E-5	3.6E-5	0.0E+0	0.0E+0	-5.8E-5	-5.8E-5
113	0.025	0.025	0.020	0.020	-0.214	-0.214	5.8E-5	5.8E-5	0.0E+0	0.0E+0	-3.4E-5	-3.4E-5
114	0.000	0.000	-0.003	-0.003	-0.185	-0.185	-6.0E-6	-6.0E-6	0.0E+0	0.0E+0	5.6E-5	5.6E-5
115	0.001	0.001	-0.013	-0.013	-0.187	-0.187	-3.1E-5	-3.1E-5	0.0E+0	0.0E+0	5.9E-5	5.9E-5
116	0.001	0.001	-0.018	-0.018	-0.188	-0.188	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	5.1E-5	5.1E-5
117	-0.006	-0.006	-0.001	-0.001	-0.179	-0.179	-2.4E-5	-2.4E-5	-3.6E-6	-3.6E-6	-9.9E-6	-9.9E-6
118	-0.006	-0.006	0.002	0.002	-0.183	-0.183	-5.1E-5	-5.1E-5	-3.1E-5	-3.1E-5	-2.0E-5	-2.0E-5
119	-0.006	-0.006	0.003	0.003	-0.186	-0.186	-6.8E-5	-6.8E-5	-3.3E-5	-3.3E-5	-1.3E-5	-1.3E-5
120	-0.003	-0.003	-0.001	-0.001	-0.183	-0.183	6.3E-7	6.3E-7	-3.5E-5	-3.5E-5	-3.1E-5	-3.1E-5
121	-0.006	-0.006	-0.001	-0.001	-0.182	-0.182	3.0E-6	3.0E-6	-1.5E-5	-1.5E-5	-1.9E-5	-1.9E-5
122	-0.001	-0.001	-0.016	-0.016	-0.190	-0.190	2.4E-5	2.4E-5	2.3E-4	2.3E-4	1.4E-5	1.4E-5
123	-0.001	-0.001	-0.011	-0.011	-0.189	-0.189	-9.8E-5	-9.8E-5	-1.4E-4	-1.4E-4	1.4E-5	1.4E-5
124	-0.004	-0.004	-0.004	-0.004	-0.189	-0.189	-8.0E-5	-8.0E-5	3.1E-5	3.1E-5	2.1E-5	2.1E-5
125	-0.003	-0.003	-0.001	-0.001	-0.185	-0.185	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5	-2.3E-5	-2.3E-5
126	-0.001	-0.001	-0.001	-0.001	-0.185	-0.185	0.0E+0	0.0E+0	-2.8E-5	-2.8E-5	-2.5E-5	-2.5E-5
127	-0.002	-0.002	-0.001	-0.001	-0.180	-0.180	-7.3E-6	-7.3E-6	1.2E-4	1.2E-4	2.6E-5	2.6E-5
128	-0.004	-0.004	-0.001	-0.001	-0.180	-0.180	-3.9E-6	-3.9E-6	7.1E-5	7.1E-5	2.8E-5	2.8E-5
129	-0.011	-0.011	-0.001	-0.001	-0.184	-0.184	0.0E+0	0.0E+0	-5.6E-6	-5.6E-6	-1.4E-5	-1.4E-5
130	-0.012	-0.012	-0.001	-0.001	-0.183	-0.183	0.0E+0	0.0E+0	-6.7E-6	-6.7E-6	-1.2E-5	-1.2E-5
131	-0.010	-0.010	-0.001	-0.001	-0.181	-0.181	0.0E+0	0.0E+0	4.7E-5	4.7E-5	-1.6E-6	-1.6E-6
132	0.001	0.001	-0.020	-0.020	-0.187	-0.187	0.0E+0	0.0E+0	5.9E-5	5.9E-5	-6.5E-6	-6.5E-6
133	0.000	0.000	-0.019	-0.019	-0.184	-0.184	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5	-2.1E-5	-2.1E-5
134	-0.004	-0.004	0.004	0.004	-0.181	-0.181	-9.3E-5	-9.3E-5	-3.6E-5	-3.6E-5	2.4E-5	2.4E-5
135	-0.002	-0.002	0.004	0.004	-0.172	-0.172	-1.3E-4	-1.3E-4	-3.4E-5	-3.4E-5	2.5E-5	2.5E-5
136	0.001	0.001	-0.015	-0.015	-0.177	-0.177	0.0E+0	0.0E+0	4.2E-6	4.2E-6	6.7E-6	6.7E-6
137	0.002	0.002	-0.010	-0.010	-0.172	-0.172	0.0E+0	0.0E+0	7.7E-6	7.7E-6	1.6E-5	1.6E-5
138	0.001	0.001	-0.004	-0.004	-0.167	-0.167	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	1.7E-5	1.7E-5
139	0.003	0.003	0.002	0.002	-0.158	-0.158	6.2E-5	6.2E-5	0.0E+0	0.0E+0	-6.3E-5	-6.3E-5
140	0.003	0.003	0.008	0.008	-0.157	-0.157	3.6E-5	3.6E-5	0.0E+0	0.0E+0	-6.9E-5	-6.9E-5
141	0.004	0.004	0.019	0.019	-0.155	-0.155	6.2E-5	6.2E-5	0.0E+0	0.0E+0	-6.4E-5	-6.4E-5
142	0.009	0.009	-0.001	-0.001	-0.156	-0.156	3.2E-6	3.2E-6	3.0E-5	3.0E-5	-3.0E-6	-3.0E-6
143	0.009	0.009	-0.002	-0.002	-0.153	-0.153	1.9E-5	1.9E-5	2.9E-5	2.9E-5	7.9E-6	7.9E-6
144	0.009	0.009	-0.003	-0.003	-0.150	-0.150	4.4E-5	4.4E-5	7.6E-6	7.6E-6	7.9E-7	7.9E-7
145	0.006	0.006	-0.004	-0.004	-0.159	-0.159	1.1E-4	1.1E-4	-2.6E-4	-2.6E-4	-3.7E-5	-3.7E-5
146	0.005	0.005	-0.005	-0.005	-0.159	-0.159	-4.2E-5	-4.2E-5	1.6E-4	1.6E-4	-3.3E-5	-3.3E-5
147	0.008	0.008	-0.004	-0.004	-0.159	-0.159	-4.5E-6	-4.5E-6	-4.0E-5	-4.0E-5	-4.1E-5	-4.1E-5
148	0.007	0.007	0.011	0.011	-0.152	-0.152	7.0E-5	7.0E-5	2.9E-5	2.9E-5	4.8E-6	4.8E-6
149	0.009	0.009	0.004	0.004	-0.151	-0.151	7.0E-5	7.0E-5	1.4E-5	1.4E-5	-3.1E-6	-3.1E-6
150	0.001	0.001	-0.001	-0.001	-0.165	-0.165	1.5E-6	1.5E-6	1.9E-5	1.9E-5	-1.2E-6	-1.2E-6
151	0.001	0.001	-0.002	-0.002	-0.162	-0.162	-4.8E-6	-4.8E-6	-6.2E-5	-6.2E-5	-1.5E-5	-1.5E-5
152	0.003	0.003	-0.002	-0.002	-0.154	-0.154	-5.3E-5	-5.3E-5	3.1E-5	3.1E-5	-3.9E-5	-3.9E-5
153	0.006	0.006	-0.002	-0.002	-0.157	-0.157	-2.0E-5	-2.0E-5	3.2E-5	3.2E-5	-4.3E-5	-4.3E-5
154	-0.004	-0.004	-0.003	-0.003	-0.164	-0.164	7.7E-7	7.7E-7	1.0E-5	1.0E-5	-4.1E-5	-4.1E-5
155	-0.003	-0.003	-0.004	-0.004	-0.160	-0.160	2.4E-7	2.4E-7	3.2E-6	3.2E-6	-3.8E-5	-3.8E-5

RELAZIONE DI CALCOLO -

156	-0.002	-0.002	-0.003	-0.003	-0.155	-0.155	1.6E-6	1.6E-6	2.1E-5	2.1E-5	-3.2E-5	-3.2E-5
157	0.003	0.003	0.023	0.023	-0.159	-0.159	0.0E+0	0.0E+0	3.2E-5	3.2E-5	-5.5E-6	-5.5E-6
158	0.002	0.002	0.023	0.023	-0.165	-0.165	0.0E+0	0.0E+0	6.0E-5	6.0E-5	-6.8E-7	-6.8E-7
159	0.006	0.006	-0.002	-0.002	-0.156	-0.156	6.4E-5	6.4E-5	-6.0E-5	-6.0E-5	-4.5E-5	-4.5E-5
160	0.003	0.003	-0.002	-0.002	-0.160	-0.160	6.1E-5	6.1E-5	-1.0E-4	-1.0E-4	-4.2E-5	-4.2E-5
161	0.009	0.009	0.017	0.017	-0.169	-0.169	0.0E+0	0.0E+0	1.3E-5	1.3E-5	1.3E-6	1.3E-6
162	0.010	0.010	0.011	0.011	-0.168	-0.168	0.0E+0	0.0E+0	9.2E-6	9.2E-6	-2.5E-7	-2.5E-7
163	0.008	0.008	0.004	0.004	-0.167	-0.167	0.0E+0	0.0E+0	-4.2E-5	-4.2E-5	-9.5E-6	-9.5E-6
164	-0.001	-0.001	-0.007	-0.007	-0.182	-0.182	0.0E+0	0.0E+0	6.5E-6	6.5E-6	7.0E-6	7.0E-6
165	0.000	0.000	0.000	0.000	-0.174	-0.174	2.6E-5	2.6E-5	-1.8E-5	-1.8E-5	3.7E-6	3.7E-6
166	0.002	0.002	-0.005	-0.005	-0.182	-0.182	0.0E+0	0.0E+0	-8.1E-6	-8.1E-6	-2.5E-5	-2.5E-5
167	0.002	0.002	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	1.6E-6	1.6E-6	-1.6E-5	-1.6E-5
168	0.001	0.001	-0.001	-0.001	-0.176	-0.176	0.0E+0	0.0E+0	-7.8E-6	-7.8E-6	-1.3E-5	-1.3E-5
169	-0.001	-0.001	-0.005	-0.005	-0.178	-0.178	-3.0E-5	-3.0E-5	4.2E-6	4.2E-6	-1.3E-5	-1.3E-5
170	0.000	0.000	-0.002	-0.002	-0.177	-0.177	-2.4E-5	-2.4E-5	1.9E-6	1.9E-6	-1.1E-5	-1.1E-5
171	0.000	0.000	0.000	0.000	-0.176	-0.176	-1.7E-5	-1.7E-5	6.8E-6	6.8E-6	-3.2E-6	-3.2E-6
172	-0.001	-0.001	-0.004	-0.004	-0.180	-0.180	0.0E+0	0.0E+0	-4.3E-6	-4.3E-6	1.2E-6	1.2E-6
173	0.000	0.000	-0.002	-0.002	-0.172	-0.172	4.2E-5	4.2E-5	3.6E-5	3.6E-5	3.3E-6	3.3E-6
174	0.000	0.000	-0.003	-0.003	-0.178	-0.178	-1.5E-5	-1.5E-5	2.8E-6	2.8E-6	4.2E-6	4.2E-6
175	0.000	0.000	-0.002	-0.002	-0.177	-0.177	-8.9E-6	-8.9E-6	4.1E-6	4.1E-6	1.0E-5	1.0E-5
176	0.000	0.000	-0.001	-0.001	-0.175	-0.175	-3.6E-6	-3.6E-6	1.4E-7	1.4E-7	1.3E-5	1.3E-5
177	-0.002	-0.002	-0.003	-0.003	-0.180	-0.180	0.0E+0	0.0E+0	-2.5E-6	-2.5E-6	1.9E-5	1.9E-5
178	-0.003	-0.003	-0.002	-0.002	-0.177	-0.177	0.0E+0	0.0E+0	-9.2E-6	-9.2E-6	2.2E-5	2.2E-5
179	-0.003	-0.003	-0.001	-0.001	-0.174	-0.174	0.0E+0	0.0E+0	-8.8E-7	-8.8E-7	2.5E-5	2.5E-5
180	-0.013	-0.013	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	2.5E-5	2.5E-5	2.9E-6	2.9E-6
181	-0.013	-0.013	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	2.0E-5	2.0E-5	-1.8E-6	-1.8E-6
182	-0.013	-0.013	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	1.2E-5	1.2E-5	-7.8E-6	-7.8E-6
183	-0.012	-0.012	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	2.2E-6	2.2E-6	-1.1E-5	-1.1E-5
184	-0.011	-0.011	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	-9.1E-6	-9.1E-6	-2.0E-5	-2.0E-5
185	-0.008	-0.008	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	-2.3E-5	-2.3E-5	-2.2E-5	-2.2E-5
186	-0.005	-0.005	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5	-5.1E-5	-5.1E-5
187	0.000	0.000	0.000	0.000	-0.183	-0.183	3.6E-6	3.6E-6	6.0E-5	6.0E-5	-2.5E-6	-2.5E-6
188	0.000	0.000	0.000	0.000	-0.183	-0.183	8.9E-7	8.9E-7	6.8E-5	6.8E-5	-2.4E-6	-2.4E-6
189	0.001	0.001	0.000	0.000	-0.183	-0.183	8.5E-7	8.5E-7	7.7E-5	7.7E-5	-2.2E-6	-2.2E-6
190	0.001	0.001	0.000	0.000	-0.182	-0.182	1.7E-6	1.7E-6	8.8E-5	8.8E-5	-1.4E-6	-1.4E-6
191	0.001	0.001	-0.001	-0.001	-0.182	-0.182	3.4E-6	3.4E-6	1.0E-4	1.0E-4	-6.5E-8	-6.5E-8
192	0.001	0.001	-0.001	-0.001	-0.182	-0.182	7.8E-6	7.8E-6	1.2E-4	1.2E-4	2.0E-6	2.0E-6
193	0.000	0.000	-0.001	-0.001	-0.181	-0.181	1.5E-5	1.5E-5	1.4E-4	1.4E-4	4.7E-6	4.7E-6
194	-0.011	-0.011	0.001	0.001	-0.185	-0.185	1.2E-7	1.2E-7	2.9E-5	2.9E-5	5.2E-6	5.2E-6
195	-0.008	-0.008	0.000	0.000	-0.185	-0.185	1.5E-6	1.5E-6	3.4E-5	3.4E-5	3.6E-6	3.6E-6
196	-0.004	-0.004	0.000	0.000	-0.184	-0.184	2.6E-6	2.6E-6	4.3E-5	4.3E-5	1.1E-6	1.1E-6
197	-0.001	-0.001	-0.005	-0.005	-0.179	-0.179	-2.5E-5	-2.5E-5	0.0E+0	0.0E+0	-2.7E-5	-2.7E-5
198	0.000	0.000	0.000	0.000	-0.175	-0.175	6.2E-6	6.2E-6	2.2E-6	2.2E-6	1.4E-5	1.4E-5
199	-0.003	-0.003	-0.007	-0.007	-0.177	-0.177	0.0E+0	0.0E+0	9.5E-6	9.5E-6	-1.8E-5	-1.8E-5
200	-0.004	-0.004	-0.008	-0.008	-0.174	-0.174	0.0E+0	0.0E+0	1.7E-5	1.7E-5	-1.8E-5	-1.8E-5
201	-0.006	-0.006	-0.008	-0.008	-0.171	-0.171	0.0E+0	0.0E+0	2.4E-5	2.4E-5	-1.7E-5	-1.7E-5
202	-0.008	-0.008	-0.008	-0.008	-0.169	-0.169	0.0E+0	0.0E+0	3.0E-5	3.0E-5	-1.6E-5	-1.6E-5
203	-0.009	-0.009	-0.008	-0.008	-0.166	-0.166	0.0E+0	0.0E+0	3.3E-5	3.3E-5	-1.5E-5	-1.5E-5
204	0.000	0.000	0.001	0.001	-0.173	-0.173	-2.2E-5	-2.2E-5	-1.1E-7	-1.1E-7	-2.6E-6	-2.6E-6
205	0.000	0.000	0.001	0.001	-0.171	-0.171	-2.8E-5	-2.8E-5	-1.0E-6	-1.0E-6	-6.3E-6	-6.3E-6
206	-0.001	-0.001	0.002	0.002	-0.168	-0.168	-3.1E-5	-3.1E-5	-3.0E-6	-3.0E-6	-7.1E-6	-7.1E-6
207	-0.001	-0.001	0.002	0.002	-0.165	-0.165	-3.4E-5	-3.4E-5	-6.0E-6	-6.0E-6	-5.0E-6	-5.0E-6
208	-0.002	-0.002	0.002	0.002	-0.162	-0.162	-3.6E-5	-3.6E-5	-1.0E-5	-1.0E-5	5.1E-7	5.1E-7
209	-0.007	-0.007	-0.005	-0.005	-0.162	-0.162	0.0E+0	0.0E+0	3.4E-5	3.4E-5	-1.0E-5	-1.0E-5
210	-0.005	-0.005	-0.002	-0.002	-0.161	-0.161	0.0E+0	0.0E+0	3.0E-5	3.0E-5	-1.1E-5	-1.1E-5
211	-0.002	-0.002	0.000	0.000	-0.160	-0.160	0.0E+0	0.0E+0	3.1E-5	3.1E-5	-6.2E-6	-6.2E-6
212	0.019	0.019	-0.004	-0.004	-0.174	-0.174	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5	4.7E-5	4.7E-5
213	0.014	0.014	-0.004	-0.004	-0.175	-0.175	0.0E+0	0.0E+0	-4.6E-5	-4.6E-5	5.3E-5	5.3E-5
214	0.009	0.009	-0.004	-0.004	-0.176	-0.176	0.0E+0	0.0E+0	-2.8E-5	-2.8E-5	5.5E-5	5.5E-5
215	0.004	0.004	-0.004	-0.004	-0.177	-0.177	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	4.7E-5	4.7E-5
216	0.001	0.001	-0.004	-0.004	-0.178	-0.178	0.0E+0	0.0E+0	1.9E-6	1.9E-6	2.9E-5	2.9E-5
217	-0.001	-0.001	0.000	0.000	-0.170	-0.170	-2.1E-5	-2.1E-5	-6.0E-5	-6.0E-5	-3.4E-6	-3.4E-6
218	-0.001	-0.001	0.000	0.000	-0.171	-0.171	-1.7E-5	-1.7E-5	-4.6E-5	-4.6E-5	-5.2E-6	-5.2E-6
219	0.000	0.000	0.000	0.000	-0.173	-0.173	-1.3E-5	-1.3E-5	-3.2E-5	-3.2E-5	-5.4E-6	-5.4E-6
220	0.000	0.000	-0.001	-0.001	-0.174	-0.174	-1.0E-5	-1.0E-5	-1.9E-5	-1.9E-5	-4.0E-6	-4.0E-6
221	0.001	0.001	-0.001	-0.001	-0.175	-0.175	-3.8E-6	-3.8E-6	-6.0E-6	-6.0E-6	-3.5E-7	-3.5E-7
222	0.016	0.016	-0.003	-0.003	-0.171	-0.171	0.0E+0	0.0E+0	-6.9E-5	-6.9E-5	1.9E-5	1.9E-5
223	0.010	0.010	-0.002	-0.002	-0.170	-0.170	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5	1.1E-5	1.1E-5
224	0.005	0.005	-0.001	-0.001	-0.169	-0.169	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5	2.7E-6	2.7E-6
225	0.003	0.003	0.023	0.023	-0.178	-0.178	0.0E+0	0.0E+0	4.7E-5	4.7E-5	5.4E-5	5.4E-5
226	0.008	0.008	0.023	0.023	-0.185	-0.185	0.0E+0	0.0E+0	1.7E-5	1.7E-5	4.3E-5	4.3E-5
227	0.012	0.012	0.023	0.023	-0.192	-0.192	0.0E+0	0.0E+0	-5.0E-6	-5.0E-6	4.9E-5	4.9E-5

RELAZIONE DI CALCOLO -

228	0.017	0.017	0.023	0.023	-0.199	-0.199	0.0E+0	0.0E+0	-2.6E-5	-2.6E-5	4.3E-5	4.3E-5
229	0.021	0.021	0.024	0.024	-0.206	-0.206	0.0E+0	0.0E+0	-4.3E-5	-4.3E-5	3.6E-5	3.6E-5
230	0.024	0.024	0.024	0.024	-0.213	-0.213	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	2.4E-5	2.4E-5
231	0.026	0.026	0.024	0.024	-0.220	-0.220	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5	8.7E-6	8.7E-6
232	-0.001	-0.001	-0.002	-0.002	-0.173	-0.173	8.1E-5	8.1E-5	-1.3E-4	-1.3E-4	-9.5E-6	-9.5E-6
233	-0.002	-0.002	-0.002	-0.002	-0.181	-0.181	7.5E-5	7.5E-5	-1.1E-4	-1.1E-4	-2.9E-6	-2.9E-6
234	-0.002	-0.002	-0.001	-0.001	-0.188	-0.188	7.1E-5	7.1E-5	-1.1E-4	-1.1E-4	9.0E-7	9.0E-7
235	-0.002	-0.002	-0.001	-0.001	-0.195	-0.195	7.0E-5	7.0E-5	-9.9E-5	-9.9E-5	2.4E-6	2.4E-6
236	-0.001	-0.001	-0.001	-0.001	-0.202	-0.202	6.9E-5	6.9E-5	-9.6E-5	-9.6E-5	2.2E-6	2.2E-6
237	-0.001	-0.001	-0.001	-0.001	-0.209	-0.209	6.9E-5	6.9E-5	-9.5E-5	-9.5E-5	1.2E-6	1.2E-6
238	-0.001	-0.001	-0.001	-0.001	-0.216	-0.216	7.2E-5	7.2E-5	-9.5E-5	-9.5E-5	6.0E-7	6.0E-7
239	0.020	0.020	0.018	0.018	-0.226	-0.226	6.9E-5	6.9E-5	-6.8E-5	-6.8E-5	-5.0E-6	-5.0E-6
240	0.014	0.014	0.012	0.012	-0.225	-0.225	7.0E-5	7.0E-5	-7.3E-5	-7.3E-5	-2.8E-6	-2.8E-6
241	0.007	0.007	0.006	0.006	-0.224	-0.224	7.1E-5	7.1E-5	-8.4E-5	-8.4E-5	-8.1E-7	-8.1E-7
242	-0.008	-0.008	-0.005	-0.005	-0.158	-0.158	-3.3E-5	-3.3E-5	3.5E-5	3.5E-5	-6.0E-6	-6.0E-6
243	-0.005	-0.005	-0.002	-0.002	-0.158	-0.158	-2.8E-5	-2.8E-5	3.2E-5	3.2E-5	-4.2E-6	-4.2E-6
244	-0.002	-0.002	0.000	0.000	-0.157	-0.157	-2.8E-5	-2.8E-5	3.0E-5	3.0E-5	-4.6E-6	-4.6E-6
245	0.017	0.017	-0.003	-0.003	-0.169	-0.169	-1.8E-5	-1.8E-5	-7.5E-5	-7.5E-5	3.2E-6	3.2E-6
246	0.011	0.011	-0.002	-0.002	-0.169	-0.169	-1.1E-5	-1.1E-5	-7.3E-5	-7.3E-5	-2.1E-6	-2.1E-6
247	0.005	0.005	-0.001	-0.001	-0.168	-0.168	-1.4E-5	-1.4E-5	-6.5E-5	-6.5E-5	-6.6E-6	-6.6E-6
248	-0.013	-0.013	0.000	0.000	-0.183	-0.183	-1.7E-6	-1.7E-6	0.0E+0	0.0E+0	7.6E-6	7.6E-6
249	-0.012	-0.012	-0.003	-0.003	-0.176	-0.176	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	1.7E-5	1.7E-5
250	-0.012	-0.012	-0.005	-0.005	-0.171	-0.171	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	1.6E-5	1.6E-5
251	-0.012	-0.012	-0.006	-0.006	-0.169	-0.169	-2.7E-5	-2.7E-5	0.0E+0	0.0E+0	1.5E-5	1.5E-5
252	-0.011	-0.011	-0.007	-0.007	-0.166	-0.166	-3.1E-5	-3.1E-5	0.0E+0	0.0E+0	1.3E-5	1.3E-5
253	0.000	0.000	0.000	0.000	-0.178	-0.178	4.8E-6	4.8E-6	5.4E-5	5.4E-5	-1.9E-6	-1.9E-6
254	0.000	0.000	0.000	0.000	-0.169	-0.169	-3.0E-6	-3.0E-6	3.2E-5	3.2E-5	-3.3E-6	-3.3E-6
255	0.000	0.000	0.001	0.001	-0.166	-0.166	-9.9E-6	-9.9E-6	1.7E-5	1.7E-5	-4.8E-6	-4.8E-6
256	0.000	0.000	0.002	0.002	-0.165	-0.165	-1.3E-5	-1.3E-5	2.6E-5	2.6E-5	-5.3E-6	-5.3E-6
257	0.000	0.000	0.002	0.002	-0.163	-0.163	-1.5E-5	-1.5E-5	3.1E-5	3.1E-5	-5.0E-6	-5.0E-6
258	-0.008	-0.008	-0.005	-0.005	-0.162	-0.162	-3.2E-5	-3.2E-5	0.0E+0	0.0E+0	4.3E-6	4.3E-6
259	-0.005	-0.005	-0.002	-0.002	-0.162	-0.162	-3.0E-5	-3.0E-5	0.0E+0	0.0E+0	3.3E-6	3.3E-6
260	-0.003	-0.003	0.000	0.000	-0.161	-0.161	-2.8E-5	-2.8E-5	0.0E+0	0.0E+0	2.9E-7	2.9E-7
261	-0.011	-0.011	-0.008	-0.008	-0.161	-0.161	-3.7E-5	-3.7E-5	0.0E+0	0.0E+0	5.4E-7	5.4E-7
262	0.000	0.000	0.002	0.002	-0.158	-0.158	-1.8E-5	-1.8E-5	2.8E-5	2.8E-5	2.1E-7	2.1E-7
263	0.024	0.024	-0.001	-0.001	-0.186	-0.186	-1.3E-5	-1.3E-5	0.0E+0	0.0E+0	-4.0E-5	-4.0E-5
264	0.024	0.024	0.003	0.003	-0.192	-0.192	-1.7E-6	-1.7E-6	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5
265	0.024	0.024	0.007	0.007	-0.198	-0.198	1.1E-5	1.1E-5	0.0E+0	0.0E+0	-5.4E-5	-5.4E-5
266	0.024	0.024	0.018	0.018	-0.211	-0.211	4.7E-5	4.7E-5	0.0E+0	0.0E+0	-5.1E-5	-5.1E-5
267	0.025	0.025	0.023	0.023	-0.221	-0.221	6.4E-5	6.4E-5	0.0E+0	0.0E+0	-2.0E-5	-2.0E-5
268	-0.001	-0.001	0.000	0.000	-0.182	-0.182	1.5E-5	1.5E-5	-7.1E-5	-7.1E-5	3.8E-7	3.8E-7
269	-0.001	-0.001	0.000	0.000	-0.187	-0.187	2.3E-5	2.3E-5	-6.5E-5	-6.5E-5	5.0E-7	5.0E-7
270	-0.001	-0.001	0.000	0.000	-0.192	-0.192	3.1E-5	3.1E-5	-5.0E-5	-5.0E-5	8.4E-7	8.4E-7
271	-0.001	-0.001	0.000	0.000	-0.199	-0.199	4.9E-5	4.9E-5	-5.9E-5	-5.9E-5	2.9E-6	2.9E-6
272	-0.001	-0.001	-0.001	-0.001	-0.215	-0.215	6.8E-5	6.8E-5	-9.5E-5	-9.5E-5	3.1E-6	3.1E-6
273	0.017	0.017	-0.002	-0.002	-0.179	-0.179	-1.7E-5	-1.7E-5	0.0E+0	0.0E+0	-1.9E-5	-1.9E-5
274	0.011	0.011	0.000	0.000	-0.178	-0.178	-1.3E-5	-1.3E-5	0.0E+0	0.0E+0	-1.4E-5	-1.4E-5
275	0.005	0.005	0.000	0.000	-0.177	-0.177	-6.1E-6	-6.1E-6	0.0E+0	0.0E+0	-7.4E-6	-7.4E-6
276	0.024	0.024	-0.005	-0.005	-0.174	-0.174	-2.5E-5	-2.5E-5	0.0E+0	0.0E+0	-6.6E-6	-6.6E-6
277	-0.001	-0.001	0.000	0.000	-0.172	-0.172	4.7E-6	4.7E-6	-7.3E-5	-7.3E-5	-1.1E-6	-1.1E-6
278	0.003	0.003	-0.004	-0.004	-0.189	-0.189	-1.6E-6	-1.6E-6	0.0E+0	0.0E+0	6.0E-5	6.0E-5
279	0.003	0.003	-0.014	-0.014	-0.189	-0.189	4.5E-6	4.5E-6	0.0E+0	0.0E+0	7.3E-5	7.3E-5
280	0.003	0.003	-0.020	-0.020	-0.190	-0.190	2.9E-5	2.9E-5	0.0E+0	0.0E+0	5.9E-5	5.9E-5
281	0.002	0.002	-0.001	-0.001	-0.187	-0.187	-1.4E-6	-1.4E-6	-9.2E-6	-9.2E-6	-1.5E-5	-1.5E-5
282	0.001	0.001	-0.001	-0.001	-0.186	-0.186	4.5E-6	4.5E-6	-8.2E-6	-8.2E-6	-1.1E-5	-1.1E-5
283	0.002	0.002	-0.023	-0.023	-0.190	-0.190	8.2E-5	8.2E-5	2.8E-4	2.8E-4	9.9E-6	9.9E-6
284	0.003	0.003	-0.023	-0.023	-0.190	-0.190	-7.3E-5	-7.3E-5	-2.3E-4	-2.3E-4	5.5E-6	5.5E-6
285	0.003	0.003	-0.022	-0.022	-0.190	-0.190	6.2E-5	6.2E-5	2.8E-4	2.8E-4	5.6E-6	5.6E-6
286	-0.001	-0.001	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-5.0E-5	-5.0E-5	-4.5E-5	-4.5E-5
287	0.002	0.002	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-2.2E-5	-2.2E-5	-3.2E-5	-3.2E-5
288	-0.006	-0.006	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	6.5E-5	6.5E-5	-1.1E-5	-1.1E-5
289	-0.002	-0.002	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	3.6E-5	3.6E-5	-1.4E-5	-1.4E-5
290	0.001	0.001	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	5.7E-5	5.7E-5	-1.4E-5	-1.4E-5
291	0.004	0.004	-0.023	-0.023	-0.191	-0.191	0.0E+0	0.0E+0	1.2E-7	1.2E-7	-3.6E-6	-3.6E-6
292	0.001	0.001	-0.023	-0.023	-0.191	-0.191	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5	-6.1E-5	-6.1E-5
293	0.000	0.000	-0.023	-0.023	-0.189	-0.189	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5	-1.7E-5	-1.7E-5
294	-0.002	-0.002	-0.022	-0.022	-0.187	-0.187	0.0E+0	0.0E+0	-1.4E-5	-1.4E-5	-2.0E-5	-2.0E-5
295	-0.003	-0.003	-0.021	-0.021	-0.184	-0.184	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	-2.5E-5	-2.5E-5
296	0.000	0.000	0.020	0.020	-0.158	-0.158	8.9E-5	8.9E-5	0.0E+0	0.0E+0	-6.4E-5	-6.4E-5
297	0.000	0.000	0.027	0.027	-0.157	-0.157	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-9.5E-5	-9.5E-5
298	0.000	0.000	0.040	0.040	-0.156	-0.156	7.3E-5	7.3E-5	0.0E+0	0.0E+0	-7.9E-5	-7.9E-5
299	0.002	0.002	0.010	0.010	-0.160	-0.160	1.8E-4	1.8E-4	-3.2E-4	-3.2E-4	-3.7E-5	-3.7E-5

RELAZIONE DI CALCOLO -

300	0.002	0.002	0.005	0.005	-0.159	-0.159	-3.3E-5	-3.3E-5	2.6E-4	2.6E-4	-3.3E-5	-3.3E-5
301	0.001	0.001	0.001	0.001	-0.159	-0.159	1.5E-4	1.5E-4	-3.1E-4	-3.1E-4	-3.0E-5	-3.0E-5
302	0.002	0.002	0.036	0.036	-0.155	-0.155	7.2E-5	7.2E-5	7.9E-6	7.9E-6	-1.7E-5	-1.7E-5
303	0.003	0.003	0.029	0.029	-0.154	-0.154	7.4E-5	7.4E-5	1.2E-5	1.2E-5	-2.1E-5	-2.1E-5
304	0.000	0.000	0.015	0.015	-0.171	-0.171	3.1E-6	3.1E-6	4.1E-5	4.1E-5	9.2E-6	9.2E-6
305	-0.001	-0.001	0.015	0.015	-0.165	-0.165	-5.9E-6	-5.9E-6	-7.7E-5	-7.7E-5	1.4E-5	1.4E-5
306	-0.002	-0.002	0.010	0.010	-0.175	-0.175	3.4E-6	3.4E-6	4.5E-5	4.5E-5	-2.6E-5	-2.6E-5
307	0.000	0.000	0.006	0.006	-0.173	-0.173	1.8E-6	1.8E-6	2.3E-5	2.3E-5	6.2E-7	6.2E-7
308	0.002	0.002	0.002	0.002	-0.171	-0.171	1.9E-6	1.9E-6	2.5E-5	2.5E-5	1.1E-5	1.1E-5
309	0.000	0.000	0.045	0.045	-0.161	-0.161	0.0E+0	0.0E+0	9.1E-6	9.1E-6	1.4E-5	1.4E-5
310	0.002	0.002	0.045	0.045	-0.167	-0.167	0.0E+0	0.0E+0	4.3E-6	4.3E-6	1.4E-5	1.4E-5
311	0.002	0.002	0.040	0.040	-0.173	-0.173	0.0E+0	0.0E+0	-4.8E-5	-4.8E-5	4.9E-7	4.9E-7
312	-0.001	-0.001	0.034	0.034	-0.172	-0.172	0.0E+0	0.0E+0	-2.6E-5	-2.6E-5	4.5E-6	4.5E-6
313	-0.003	-0.003	0.028	0.028	-0.171	-0.171	0.0E+0	0.0E+0	-3.7E-5	-3.7E-5	2.6E-6	2.6E-6
314	-0.001	-0.001	-0.018	-0.018	-0.186	-0.186	0.0E+0	0.0E+0	8.2E-7	8.2E-7	7.8E-6	7.8E-6
315	0.001	0.001	-0.015	-0.015	-0.188	-0.188	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	-2.1E-5	-2.1E-5
316	0.000	0.000	-0.013	-0.013	-0.187	-0.187	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	1.5E-6	1.5E-6
317	-0.002	-0.002	-0.010	-0.010	-0.186	-0.186	0.0E+0	0.0E+0	-3.0E-5	-3.0E-5	1.9E-5	1.9E-5
318	-0.002	-0.002	-0.015	-0.015	-0.182	-0.182	-3.3E-5	-3.3E-5	8.5E-6	8.5E-6	-3.4E-5	-3.4E-5
319	-0.001	-0.001	-0.012	-0.012	-0.181	-0.181	-3.1E-5	-3.1E-5	4.8E-8	4.8E-8	-3.1E-5	-3.1E-5
320	-0.001	-0.001	-0.010	-0.010	-0.180	-0.180	-3.2E-5	-3.2E-5	3.0E-6	3.0E-6	-2.1E-5	-2.1E-5
321	-0.002	-0.002	-0.009	-0.009	-0.184	-0.184	0.0E+0	0.0E+0	4.0E-6	4.0E-6	1.2E-6	1.2E-6
322	-0.002	-0.002	-0.007	-0.007	-0.181	-0.181	-1.8E-5	-1.8E-5	4.9E-6	4.9E-6	-2.3E-6	-2.3E-6
323	-0.001	-0.001	-0.006	-0.006	-0.181	-0.181	-1.3E-5	-1.3E-5	3.8E-6	3.8E-6	-7.3E-6	-7.3E-6
324	-0.001	-0.001	-0.005	-0.005	-0.180	-0.180	-1.6E-5	-1.6E-5	3.6E-6	3.6E-6	-5.6E-6	-5.6E-6
325	-0.002	-0.002	-0.007	-0.007	-0.185	-0.185	0.0E+0	0.0E+0	1.3E-5	1.3E-5	3.2E-7	3.2E-7
326	-0.001	-0.001	-0.006	-0.006	-0.184	-0.184	0.0E+0	0.0E+0	1.5E-5	1.5E-5	-4.0E-6	-4.0E-6
327	0.001	0.001	-0.006	-0.006	-0.183	-0.183	0.0E+0	0.0E+0	1.4E-5	1.4E-5	-1.5E-5	-1.5E-5
328	-0.021	-0.021	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	1.9E-5	1.9E-5	-2.4E-5	-2.4E-5
329	-0.018	-0.018	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	8.2E-6	8.2E-6	-3.1E-5	-3.1E-5
330	-0.014	-0.014	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-1.5E-6	-1.5E-6	-3.6E-5	-3.6E-5
331	-0.011	-0.011	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-9.2E-6	-9.2E-6	-3.7E-5	-3.7E-5
332	-0.007	-0.007	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5	-3.6E-5	-3.6E-5
333	-0.004	-0.004	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-2.0E-5	-2.0E-5	-2.1E-5	-2.1E-5
334	-0.002	-0.002	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-3.7E-5	-3.7E-5	-1.9E-5	-1.9E-5
335	-0.020	-0.020	0.000	0.000	-0.187	-0.187	-5.2E-7	-5.2E-7	3.0E-5	3.0E-5	-3.8E-7	-3.8E-7
336	-0.017	-0.017	0.001	0.001	-0.187	-0.187	-2.0E-7	-2.0E-7	2.9E-5	2.9E-5	2.8E-6	2.8E-6
337	-0.015	-0.015	0.001	0.001	-0.187	-0.187	-3.0E-7	-3.0E-7	2.8E-5	2.8E-5	4.7E-6	4.7E-6
338	-0.002	-0.002	-0.012	-0.012	-0.181	-0.181	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	-8.5E-5	-8.5E-5
339	-0.005	-0.005	-0.018	-0.018	-0.179	-0.179	0.0E+0	0.0E+0	-3.2E-7	-3.2E-7	-3.5E-5	-3.5E-5
340	-0.009	-0.009	-0.017	-0.017	-0.176	-0.176	0.0E+0	0.0E+0	5.2E-6	5.2E-6	-4.1E-5	-4.1E-5
341	-0.013	-0.013	-0.017	-0.017	-0.173	-0.173	0.0E+0	0.0E+0	1.4E-5	1.4E-5	-4.1E-5	-4.1E-5
342	-0.017	-0.017	-0.017	-0.017	-0.170	-0.170	0.0E+0	0.0E+0	2.3E-5	2.3E-5	-3.8E-5	-3.8E-5
343	-0.020	-0.020	-0.017	-0.017	-0.168	-0.168	0.0E+0	0.0E+0	2.9E-5	2.9E-5	-2.6E-5	-2.6E-5
344	-0.018	-0.018	-0.015	-0.015	-0.164	-0.164	0.0E+0	0.0E+0	2.9E-5	2.9E-5	-1.3E-5	-1.3E-5
345	-0.016	-0.016	-0.013	-0.013	-0.164	-0.164	0.0E+0	0.0E+0	3.5E-5	3.5E-5	-1.7E-5	-1.7E-5
346	-0.013	-0.013	-0.010	-0.010	-0.163	-0.163	0.0E+0	0.0E+0	3.6E-5	3.6E-5	-1.6E-5	-1.6E-5
347	0.041	0.041	-0.008	-0.008	-0.177	-0.177	0.0E+0	0.0E+0	-7.1E-5	-7.1E-5	8.9E-5	8.9E-5
348	0.032	0.032	-0.008	-0.008	-0.178	-0.178	0.0E+0	0.0E+0	-6.8E-5	-6.8E-5	9.9E-5	9.9E-5
349	0.022	0.022	-0.008	-0.008	-0.178	-0.178	0.0E+0	0.0E+0	-6.0E-5	-6.0E-5	1.1E-4	1.1E-4
350	0.012	0.012	-0.009	-0.009	-0.179	-0.179	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5	1.0E-4	1.0E-4
351	0.003	0.003	-0.009	-0.009	-0.180	-0.180	0.0E+0	0.0E+0	-3.2E-5	-3.2E-5	8.0E-5	8.0E-5
352	0.041	0.041	-0.007	-0.007	-0.175	-0.175	0.0E+0	0.0E+0	-7.0E-5	-7.0E-5	5.9E-5	5.9E-5
353	0.035	0.035	-0.006	-0.006	-0.174	-0.174	0.0E+0	0.0E+0	-8.2E-5	-8.2E-5	6.0E-5	6.0E-5
354	0.029	0.029	-0.005	-0.005	-0.173	-0.173	0.0E+0	0.0E+0	-8.3E-5	-8.3E-5	5.0E-5	5.0E-5
355	0.002	0.002	0.045	0.045	-0.180	-0.180	0.0E+0	0.0E+0	1.2E-5	1.2E-5	4.9E-5	4.9E-5
356	0.008	0.008	0.045	0.045	-0.187	-0.187	0.0E+0	0.0E+0	-5.2E-6	-5.2E-6	7.6E-5	7.6E-5
357	0.017	0.017	0.045	0.045	-0.194	-0.194	0.0E+0	0.0E+0	-2.5E-5	-2.5E-5	1.0E-4	1.0E-4
358	0.026	0.026	0.045	0.045	-0.201	-0.201	0.0E+0	0.0E+0	-3.9E-5	-3.9E-5	9.4E-5	9.4E-5
359	0.035	0.035	0.045	0.045	-0.208	-0.208	0.0E+0	0.0E+0	-5.2E-5	-5.2E-5	8.1E-5	8.1E-5
360	0.042	0.042	0.046	0.046	-0.215	-0.215	0.0E+0	0.0E+0	-6.2E-5	-6.2E-5	5.6E-5	5.6E-5
361	0.046	0.046	0.046	0.046	-0.222	-0.222	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5	2.5E-5	2.5E-5
362	0.041	0.041	0.040	0.040	-0.229	-0.229	7.0E-5	7.0E-5	-6.6E-5	-6.6E-5	-1.2E-5	-1.2E-5
363	0.036	0.036	0.035	0.035	-0.228	-0.228	7.0E-5	7.0E-5	-6.8E-5	-6.8E-5	-1.0E-5	-1.0E-5
364	0.031	0.031	0.029	0.029	-0.228	-0.228	7.0E-5	7.0E-5	-6.8E-5	-6.8E-5	-8.7E-6	-8.7E-6
365	-0.022	-0.022	0.000	0.000	-0.185	-0.185	2.3E-7	2.3E-7	0.0E+0	0.0E+0	1.5E-5	1.5E-5
366	-0.022	-0.022	-0.002	-0.002	-0.183	-0.183	-3.9E-6	-3.9E-6	0.0E+0	0.0E+0	2.5E-5	2.5E-5
367	-0.022	-0.022	-0.006	-0.006	-0.178	-0.178	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	3.9E-5	3.9E-5
368	-0.022	-0.022	-0.012	-0.012	-0.173	-0.173	-2.0E-5	-2.0E-5	0.0E+0	0.0E+0	3.7E-5	3.7E-5
369	-0.022	-0.022	-0.014	-0.014	-0.171	-0.171	-2.4E-5	-2.4E-5	0.0E+0	0.0E+0	2.7E-5	2.7E-5
370	-0.022	-0.022	-0.016	-0.016	-0.168	-0.168	-1.7E-5	-1.7E-5	0.0E+0	0.0E+0	3.1E-5	3.1E-5
371	-0.019	-0.019	-0.016	-0.016	-0.166	-0.166	-2.5E-5	-2.5E-5	0.0E+0	0.0E+0	2.0E-5	2.0E-5

RELAZIONE DI CALCOLO -

372	-0.017	-0.017	-0.014	-0.014	-0.165	-0.165	-3.4E-5	-3.4E-5	0.0E+0	0.0E+0	2.0E-5	2.0E-5
373	-0.014	-0.014	-0.011	-0.011	-0.164	-0.164	-3.6E-5	-3.6E-5	0.0E+0	0.0E+0	1.5E-5	1.5E-5
374	0.046	0.046	-0.003	-0.003	-0.191	-0.191	5.6E-6	5.6E-6	0.0E+0	0.0E+0	-8.5E-5	-8.5E-5
375	0.046	0.046	0.006	0.006	-0.197	-0.197	1.3E-5	1.3E-5	0.0E+0	0.0E+0	-9.4E-5	-9.4E-5
376	0.046	0.046	0.015	0.015	-0.204	-0.204	2.5E-5	2.5E-5	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4
377	0.046	0.046	0.031	0.031	-0.214	-0.214	4.0E-5	4.0E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
378	0.046	0.046	0.042	0.042	-0.223	-0.223	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-5.3E-5	-5.3E-5
379	0.040	0.040	-0.009	-0.009	-0.183	-0.183	-3.3E-6	-3.3E-6	0.0E+0	0.0E+0	-5.8E-5	-5.8E-5
380	0.035	0.035	-0.008	-0.008	-0.182	-0.182	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5
381	0.030	0.030	-0.006	-0.006	-0.181	-0.181	-2.8E-5	-2.8E-5	0.0E+0	0.0E+0	-4.6E-5	-4.6E-5
382	0.004	0.004	-0.005	-0.005	-0.181	-0.181	7.8E-7	7.8E-7	0.0E+0	0.0E+0	4.2E-5	4.2E-5
383	0.004	0.004	-0.009	-0.009	-0.181	-0.181	4.6E-6	4.6E-6	0.0E+0	0.0E+0	5.0E-5	5.0E-5
384	0.004	0.004	-0.014	-0.014	-0.181	-0.181	6.8E-6	6.8E-6	0.0E+0	0.0E+0	5.1E-5	5.1E-5
385	0.004	0.004	-0.018	-0.018	-0.182	-0.182	2.0E-5	2.0E-5	0.0E+0	0.0E+0	4.3E-5	4.3E-5
386	0.004	0.004	-0.002	-0.002	-0.181	-0.181	1.7E-6	1.7E-6	-5.6E-6	-5.6E-6	3.1E-5	3.1E-5
387	0.003	0.003	-0.002	-0.002	-0.181	-0.181	-5.0E-7	-5.0E-7	-3.7E-6	-3.7E-6	2.1E-5	2.1E-5
388	0.003	0.003	-0.002	-0.002	-0.180	-0.180	-5.6E-7	-5.6E-7	-4.2E-6	-4.2E-6	1.3E-5	1.3E-5
389	0.004	0.004	-0.022	-0.022	-0.182	-0.182	4.1E-5	4.1E-5	8.0E-5	8.0E-5	3.1E-5	3.1E-5
390	0.003	0.003	-0.023	-0.023	-0.182	-0.182	-3.3E-5	-3.3E-5	-1.3E-4	-1.3E-4	3.0E-5	3.0E-5
391	0.004	0.004	-0.024	-0.024	-0.182	-0.182	8.0E-5	8.0E-5	2.2E-4	2.2E-4	2.4E-5	2.4E-5
392	0.010	0.010	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-5.5E-5	-5.5E-5	5.8E-5	5.8E-5
393	0.007	0.007	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-1.8E-5	-1.8E-5	3.7E-5	3.7E-5
394	0.002	0.002	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	1.6E-5	1.6E-5	-3.9E-6	-3.9E-6
395	0.003	0.003	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	1.9E-5	1.9E-5	-8.2E-6	-8.2E-6
396	0.006	0.006	-0.021	-0.021	-0.183	-0.183	0.0E+0	0.0E+0	9.4E-6	9.4E-6	2.6E-5	2.6E-5
397	0.009	0.009	-0.022	-0.022	-0.184	-0.184	0.0E+0	0.0E+0	-4.9E-6	-4.9E-6	2.4E-5	2.4E-5
398	0.008	0.008	-0.023	-0.023	-0.184	-0.184	0.0E+0	0.0E+0	-8.9E-5	-8.9E-5	2.6E-5	2.6E-5
399	0.000	0.000	-0.024	-0.024	-0.183	-0.183	0.0E+0	0.0E+0	-7.1E-5	-7.1E-5	-4.1E-5	-4.1E-5
400	0.000	0.000	0.042	0.042	-0.148	-0.148	7.4E-5	7.4E-5	0.0E+0	0.0E+0	-7.7E-5	-7.7E-5
401	0.000	0.000	0.034	0.034	-0.149	-0.149	6.7E-5	6.7E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
402	0.000	0.000	0.026	0.026	-0.149	-0.149	6.9E-5	6.9E-5	0.0E+0	0.0E+0	-9.7E-5	-9.7E-5
403	0.000	0.000	0.019	0.019	-0.150	-0.150	2.0E-5	2.0E-5	0.0E+0	0.0E+0	-7.4E-5	-7.4E-5
404	-0.002	-0.002	0.016	0.016	-0.156	-0.156	6.3E-6	6.3E-6	8.2E-5	8.2E-5	1.1E-5	1.1E-5
405	0.000	0.000	0.019	0.019	-0.161	-0.161	-2.4E-7	-2.4E-7	-3.0E-6	-3.0E-6	2.4E-5	2.4E-5
406	0.000	0.000	0.049	0.049	-0.159	-0.159	0.0E+0	0.0E+0	2.2E-5	2.2E-5	-5.4E-6	-5.4E-6
407	0.000	0.000	0.048	0.048	-0.153	-0.153	0.0E+0	0.0E+0	8.2E-6	8.2E-6	1.5E-5	1.5E-5
408	0.010	0.010	-0.026	-0.026	-0.177	-0.177	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5	-5.6E-5	-5.6E-5
409	0.013	0.013	-0.023	-0.023	-0.180	-0.180	0.0E+0	0.0E+0	-1.4E-4	-1.4E-4	-1.0E-4	-1.0E-4
410	0.002	0.002	-0.019	-0.019	-0.179	-0.179	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4	8.4E-6	8.4E-6
411	0.001	0.001	-0.022	-0.022	-0.174	-0.174	0.0E+0	0.0E+0	-4.3E-5	-4.3E-5	-4.9E-5	-4.9E-5
412	-0.001	-0.001	-0.019	-0.019	-0.174	-0.174	0.0E+0	0.0E+0	-2.7E-5	-2.7E-5	-3.0E-5	-3.0E-5
413	-0.001	-0.001	-0.010	-0.010	-0.174	-0.174	0.0E+0	0.0E+0	-1.8E-6	-1.8E-6	1.8E-5	1.8E-5
414	0.000	0.000	-0.008	-0.008	-0.173	-0.173	0.0E+0	0.0E+0	-2.7E-5	-2.7E-5	4.2E-5	4.2E-5
415	-0.020	-0.020	-0.001	-0.001	-0.178	-0.178	0.0E+0	0.0E+0	1.6E-5	1.6E-5	-2.6E-5	-2.6E-5
416	-0.017	-0.017	-0.001	-0.001	-0.178	-0.178	0.0E+0	0.0E+0	5.8E-6	5.8E-6	-3.5E-5	-3.5E-5
417	-0.014	-0.014	-0.002	-0.002	-0.179	-0.179	0.0E+0	0.0E+0	-3.5E-6	-3.5E-6	-4.1E-5	-4.1E-5
418	-0.010	-0.010	-0.002	-0.002	-0.179	-0.179	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	-4.3E-5	-4.3E-5
419	-0.006	-0.006	-0.002	-0.002	-0.179	-0.179	0.0E+0	0.0E+0	-2.0E-5	-2.0E-5	-4.2E-5	-4.2E-5
420	-0.002	-0.002	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-2.6E-5	-2.6E-5	-3.9E-5	-3.9E-5
421	0.002	0.002	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-1.9E-5	-1.9E-5	-2.4E-5	-2.4E-5
422	0.006	0.006	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-6.2E-5	-6.2E-5	-3.6E-5	-3.6E-5
423	-0.002	-0.002	-0.023	-0.023	-0.171	-0.171	0.0E+0	0.0E+0	-2.9E-5	-2.9E-5	-5.9E-5	-5.9E-5
424	-0.008	-0.008	-0.022	-0.022	-0.167	-0.167	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	-5.4E-5	-5.4E-5
425	-0.013	-0.013	-0.021	-0.021	-0.165	-0.165	0.0E+0	0.0E+0	2.7E-6	2.7E-6	-5.1E-5	-5.1E-5
426	-0.017	-0.017	-0.019	-0.019	-0.162	-0.162	0.0E+0	0.0E+0	1.4E-5	1.4E-5	-4.4E-5	-4.4E-5
427	-0.020	-0.020	-0.018	-0.018	-0.160	-0.160	0.0E+0	0.0E+0	2.8E-5	2.8E-5	-3.3E-5	-3.3E-5
428	0.010	0.010	-0.009	-0.009	-0.172	-0.172	0.0E+0	0.0E+0	-4.9E-5	-4.9E-5	1.0E-4	1.0E-4
429	0.023	0.023	-0.008	-0.008	-0.171	-0.171	0.0E+0	0.0E+0	-6.8E-5	-6.8E-5	1.3E-4	1.3E-4
430	0.038	0.038	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-8.0E-5	-8.0E-5	1.2E-4	1.2E-4
431	0.051	0.051	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-8.9E-5	-8.9E-5	1.0E-4	1.0E-4
432	0.062	0.062	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4	6.3E-5	6.3E-5
433	0.060	0.060	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-8.1E-5	-8.1E-5	1.1E-5	1.1E-5
434	0.054	0.054	-0.007	-0.007	-0.169	-0.169	0.0E+0	0.0E+0	-6.9E-5	-6.9E-5	2.1E-5	2.1E-5
435	0.049	0.049	-0.007	-0.007	-0.169	-0.169	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	1.9E-5	1.9E-5
436	0.066	0.066	0.067	0.067	-0.214	-0.214	0.0E+0	0.0E+0	-7.3E-5	-7.3E-5	8.2E-6	8.2E-6
437	0.061	0.061	0.065	0.065	-0.208	-0.208	0.0E+0	0.0E+0	-7.8E-5	-7.8E-5	5.5E-5	5.5E-5
438	0.052	0.052	0.063	0.063	-0.202	-0.202	0.0E+0	0.0E+0	-7.4E-5	-7.4E-5	8.9E-5	8.9E-5
439	0.041	0.041	0.061	0.061	-0.195	-0.195	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5	1.1E-4	1.1E-4
440	0.029	0.029	0.059	0.059	-0.189	-0.189	0.0E+0	0.0E+0	-5.0E-5	-5.0E-5	1.2E-4	1.2E-4
441	0.017	0.017	0.056	0.056	-0.183	-0.183	0.0E+0	0.0E+0	-3.2E-5	-3.2E-5	1.2E-4	1.2E-4
442	0.006	0.006	0.054	0.054	-0.177	-0.177	0.0E+0	0.0E+0	-8.4E-6	-8.4E-6	1.1E-4	1.1E-4
443	-0.002	-0.002	0.052	0.052	-0.171	-0.171	0.0E+0	0.0E+0	2.0E-5	2.0E-5	6.4E-5	6.4E-5

RELAZIONE DI CALCOLO -

444	0.061	0.061	0.063	0.063	-0.220	-0.220	6.9E-5	6.9E-5	-6.3E-5	-6.3E-5	-3.4E-5	-3.4E-5
445	0.056	0.056	0.057	0.057	-0.220	-0.220	6.9E-5	6.9E-5	-6.3E-5	-6.3E-5	-2.6E-5	-2.6E-5
446	0.050	0.050	0.050	0.050	-0.220	-0.220	6.8E-5	6.8E-5	-6.2E-5	-6.2E-5	-1.9E-5	-1.9E-5
447	0.061	0.061	-0.008	-0.008	-0.169	-0.169	-2.7E-6	-2.7E-6	-6.7E-5	-6.7E-5	-1.7E-5	-1.7E-5
448	0.055	0.055	-0.007	-0.007	-0.169	-0.169	-4.0E-6	-4.0E-6	-6.4E-5	-6.4E-5	-7.8E-6	-7.8E-6
449	0.049	0.049	-0.007	-0.007	-0.169	-0.169	-1.4E-6	-1.4E-6	-6.4E-5	-6.4E-5	-6.0E-6	-6.0E-6
450	-0.021	-0.021	-0.002	-0.002	-0.175	-0.175	-1.5E-6	-1.5E-6	0.0E+0	0.0E+0	1.5E-5	1.5E-5
451	-0.021	-0.021	-0.004	-0.004	-0.173	-0.173	-6.2E-6	-6.2E-6	0.0E+0	0.0E+0	2.4E-5	2.4E-5
452	-0.021	-0.021	-0.006	-0.006	-0.170	-0.170	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0	3.3E-5	3.3E-5
453	-0.021	-0.021	-0.010	-0.010	-0.167	-0.167	-1.6E-5	-1.6E-5	0.0E+0	0.0E+0	3.5E-5	3.5E-5
454	-0.021	-0.021	-0.013	-0.013	-0.163	-0.163	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	3.0E-5	3.0E-5
455	-0.021	-0.021	-0.015	-0.015	-0.160	-0.160	-2.6E-5	-2.6E-5	0.0E+0	0.0E+0	1.6E-5	1.6E-5
456	0.067	0.067	0.001	0.001	-0.184	-0.184	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
457	0.067	0.067	0.012	0.012	-0.190	-0.190	1.0E-5	1.0E-5	0.0E+0	0.0E+0	-1.3E-4	-1.3E-4
458	0.067	0.067	0.026	0.026	-0.196	-0.196	2.4E-5	2.4E-5	0.0E+0	0.0E+0	-1.4E-4	-1.4E-4
459	0.067	0.067	0.039	0.039	-0.202	-0.202	3.9E-5	3.9E-5	0.0E+0	0.0E+0	-1.4E-4	-1.4E-4
460	0.067	0.067	0.052	0.052	-0.209	-0.209	5.2E-5	5.2E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
461	0.067	0.067	0.063	0.063	-0.215	-0.215	6.3E-5	6.3E-5	0.0E+0	0.0E+0	-9.0E-5	-9.0E-5
462	0.061	0.061	-0.004	-0.004	-0.177	-0.177	-4.7E-6	-4.7E-6	0.0E+0	0.0E+0	-4.4E-5	-4.4E-5
463	0.055	0.055	-0.004	-0.004	-0.177	-0.177	5.2E-6	5.2E-6	0.0E+0	0.0E+0	-4.0E-5	-4.0E-5
464	0.049	0.049	-0.005	-0.005	-0.177	-0.177	1.2E-5	1.2E-5	0.0E+0	0.0E+0	-3.0E-5	-3.0E-5
465	0.067	0.067	-0.007	-0.007	-0.173	-0.173	-6.8E-6	-6.8E-6	0.0E+0	0.0E+0	-1.8E-5	-1.8E-5
466	0.046	0.046	-0.008	-0.008	-0.181	-0.181	5.2E-6	5.2E-6	0.0E+0	0.0E+0	-1.0E-8	-1.0E-8
467	-0.006	-0.006	-0.001	-0.001	-0.182	-0.182	1.5E-5	1.5E-5	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5
468	-0.003	-0.003	0.000	0.000	-0.184	-0.184	-2.5E-6	-2.5E-6	0.0E+0	0.0E+0	-3.3E-5	-3.3E-5
469	0.000	0.000	-0.001	-0.001	-0.185	-0.185	-8.7E-6	-8.7E-6	0.0E+0	0.0E+0	5.8E-6	5.8E-6
470	0.000	0.000	-0.002	-0.002	-0.185	-0.185	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	5.4E-5	5.4E-5
471	0.000	0.000	-0.006	-0.006	-0.185	-0.185	-1.4E-5	-1.4E-5	0.0E+0	0.0E+0	6.0E-5	6.0E-5
472	-0.002	-0.002	-0.004	-0.004	-0.184	-0.184	-1.4E-5	-1.4E-5	0.0E+0	0.0E+0	3.2E-5	3.2E-5
473	-0.004	-0.004	-0.003	-0.003	-0.182	-0.182	-2.4E-5	-2.4E-5	0.0E+0	0.0E+0	2.2E-6	2.2E-6
474	-0.003	-0.003	-0.003	-0.003	-0.184	-0.184	-4.7E-5	-4.7E-5	0.0E+0	0.0E+0	4.1E-6	4.1E-6
475	-0.003	-0.003	-0.003	-0.003	-0.187	-0.187	-8.1E-5	-8.1E-5	0.0E+0	0.0E+0	6.0E-6	6.0E-6
476	-0.002	-0.002	-0.007	-0.007	-0.185	-0.185	-4.5E-5	-4.5E-5	0.0E+0	0.0E+0	2.8E-5	2.8E-5
477	-0.002	-0.002	-0.009	-0.009	-0.187	-0.187	-5.2E-5	-5.2E-5	0.0E+0	0.0E+0	3.0E-5	3.0E-5
478	0.000	0.000	-0.014	-0.014	-0.188	-0.188	-6.2E-5	-6.2E-5	0.0E+0	0.0E+0	2.8E-5	2.8E-5
479	0.000	0.000	-0.010	-0.010	-0.186	-0.186	-3.1E-5	-3.1E-5	0.0E+0	0.0E+0	5.2E-5	5.2E-5
480	-0.004	-0.004	-0.001	-0.001	-0.184	-0.184	0.0E+0	0.0E+0	-4.2E-5	-4.2E-5	-4.6E-5	-4.6E-5
481	-0.008	-0.008	-0.001	-0.001	-0.184	-0.184	0.0E+0	0.0E+0	-5.2E-5	-5.2E-5	-5.5E-5	-5.5E-5
482	-0.007	-0.007	-0.001	-0.001	-0.182	-0.182	0.0E+0	0.0E+0	9.5E-6	9.5E-6	-1.8E-5	-1.8E-5
483	-0.007	-0.007	-0.001	-0.001	-0.183	-0.183	0.0E+0	0.0E+0	-2.6E-5	-2.6E-5	-5.0E-5	-5.0E-5
484	-0.010	-0.010	-0.001	-0.001	-0.183	-0.183	0.0E+0	0.0E+0	-4.3E-6	-4.3E-6	-3.1E-5	-3.1E-5
485	-0.009	-0.009	-0.001	-0.001	-0.181	-0.181	0.0E+0	0.0E+0	3.7E-5	3.7E-5	-1.8E-5	-1.8E-5
486	0.000	0.000	-0.016	-0.016	-0.181	-0.181	0.0E+0	0.0E+0	1.9E-5	1.9E-5	9.7E-6	9.7E-6
487	0.000	0.000	-0.016	-0.016	-0.185	-0.185	0.0E+0	0.0E+0	-4.4E-5	-4.4E-5	1.6E-6	1.6E-6
488	0.000	0.000	-0.005	-0.005	-0.175	-0.175	0.0E+0	0.0E+0	-9.9E-6	-9.9E-6	1.6E-5	1.6E-5
489	0.000	0.000	-0.011	-0.011	-0.178	-0.178	0.0E+0	0.0E+0	-4.9E-6	-4.9E-6	1.2E-5	1.2E-5
490	0.000	0.000	-0.011	-0.011	-0.184	-0.184	0.0E+0	0.0E+0	2.0E-5	2.0E-5	5.3E-6	5.3E-6
491	-0.002	-0.002	-0.005	-0.005	-0.182	-0.182	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5	2.3E-5	2.3E-5
492	0.008	0.008	0.001	0.001	-0.152	-0.152	4.4E-5	4.4E-5	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5
493	0.006	0.006	0.006	0.006	-0.154	-0.154	5.0E-5	5.0E-5	0.0E+0	0.0E+0	-3.8E-5	-3.8E-5
494	0.004	0.004	0.011	0.011	-0.155	-0.155	5.4E-5	5.4E-5	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5
495	0.004	0.004	0.014	0.014	-0.155	-0.155	5.8E-5	5.8E-5	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5
496	0.005	0.005	0.017	0.017	-0.154	-0.154	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-2.6E-5	-2.6E-5
497	0.007	0.007	0.011	0.011	-0.153	-0.153	6.7E-5	6.7E-5	0.0E+0	0.0E+0	4.3E-6	4.3E-6
498	0.009	0.009	0.004	0.004	-0.152	-0.152	8.0E-5	8.0E-5	0.0E+0	0.0E+0	-9.9E-6	-9.9E-6
499	0.007	0.007	-0.002	-0.002	-0.157	-0.157	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	-2.1E-5	-2.1E-5
500	0.007	0.007	0.000	0.000	-0.154	-0.154	2.1E-5	2.1E-5	0.0E+0	0.0E+0	-1.4E-5	-1.4E-5
501	0.005	0.005	0.000	0.000	-0.158	-0.158	4.8E-6	4.8E-6	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5
502	0.006	0.006	-0.002	-0.002	-0.157	-0.157	1.8E-5	1.8E-5	0.0E+0	0.0E+0	-4.4E-5	-4.4E-5
503	0.006	0.006	0.002	0.002	-0.155	-0.155	2.3E-5	2.3E-5	0.0E+0	0.0E+0	-3.7E-5	-3.7E-5
504	0.004	0.004	0.005	0.005	-0.156	-0.156	3.8E-5	3.8E-5	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5
505	0.003	0.003	-0.004	-0.004	-0.161	-0.161	3.9E-6	3.9E-6	5.1E-5	5.1E-5	-2.6E-5	-2.6E-5
506	0.000	0.000	-0.003	-0.003	-0.162	-0.162	-1.6E-6	-1.6E-6	-2.0E-5	-2.0E-5	-3.8E-5	-3.8E-5
507	0.004	0.004	-0.004	-0.004	-0.158	-0.158	2.5E-6	2.5E-6	3.2E-5	3.2E-5	-4.3E-5	-4.3E-5
508	0.003	0.003	-0.005	-0.005	-0.159	-0.159	-1.7E-6	-1.7E-6	-2.2E-5	-2.2E-5	-2.9E-5	-2.9E-5
509	0.000	0.000	-0.004	-0.004	-0.159	-0.159	9.6E-7	9.6E-7	1.2E-5	1.2E-5	-3.6E-5	-3.6E-5
510	0.001	0.001	-0.004	-0.004	-0.157	-0.157	8.0E-7	8.0E-7	1.0E-5	1.0E-5	-3.3E-5	-3.3E-5
511	0.007	0.007	0.017	0.017	-0.164	-0.164	0.0E+0	0.0E+0	5.1E-5	5.1E-5	2.8E-5	2.8E-5
512	0.006	0.006	0.017	0.017	-0.159	-0.159	0.0E+0	0.0E+0	4.0E-5	4.0E-5	1.6E-5	1.6E-5
513	0.009	0.009	0.004	0.004	-0.162	-0.162	0.0E+0	0.0E+0	-3.1E-5	-3.1E-5	-2.1E-6	-2.1E-6
514	0.010	0.010	0.010	0.010	-0.163	-0.163	0.0E+0	0.0E+0	6.9E-6	6.9E-6	9.5E-6	9.5E-6
515	0.008	0.008	0.011	0.011	-0.158	-0.158	0.0E+0	0.0E+0	2.3E-5	2.3E-5	2.2E-5	2.2E-5

RELAZIONE DI CALCOLO -

516	0.009	0.009	0.004	0.004	-0.157	-0.157	0.0E+0	0.0E+0	-6.7E-6	-6.7E-6	-4.1E-6	-4.1E-6
517	0.000	0.000	-0.005	-0.005	-0.180	-0.180	0.0E+0	0.0E+0	1.3E-5	1.3E-5	-1.8E-5	-1.8E-5
518	0.001	0.001	-0.002	-0.002	-0.178	-0.178	0.0E+0	0.0E+0	-4.9E-6	-4.9E-6	-1.7E-5	-1.7E-5
519	0.000	0.000	0.000	0.000	-0.176	-0.176	0.0E+0	0.0E+0	2.3E-6	2.3E-6	-1.3E-5	-1.3E-5
520	-0.001	-0.001	-0.003	-0.003	-0.179	-0.179	0.0E+0	0.0E+0	-4.5E-6	-4.5E-6	1.2E-5	1.2E-5
521	-0.001	-0.001	-0.002	-0.002	-0.177	-0.177	0.0E+0	0.0E+0	-9.3E-7	-9.3E-7	2.1E-5	2.1E-5
522	-0.001	-0.001	-0.001	-0.001	-0.174	-0.174	0.0E+0	0.0E+0	-1.7E-6	-1.7E-6	2.5E-5	2.5E-5
523	-0.009	-0.009	0.000	0.000	-0.182	-0.182	0.0E+0	0.0E+0	6.4E-5	6.4E-5	1.7E-5	1.7E-5
524	-0.012	-0.012	0.000	0.000	-0.183	-0.183	0.0E+0	0.0E+0	1.3E-5	1.3E-5	7.0E-6	7.0E-6
525	-0.010	-0.010	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5	1.9E-5	1.9E-5
526	-0.007	-0.007	0.000	0.000	-0.183	-0.183	0.0E+0	0.0E+0	6.6E-5	6.6E-5	1.2E-5	1.2E-5
527	-0.011	-0.011	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	8.5E-6	8.5E-6	1.7E-5	1.7E-5
528	-0.010	-0.010	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	-1.9E-5	-1.9E-5	-1.7E-5	-1.7E-5
529	-0.006	-0.006	0.000	0.000	-0.183	-0.183	0.0E+0	0.0E+0	5.8E-5	5.8E-5	9.4E-6	9.4E-6
530	-0.010	-0.010	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	2.5E-5	2.5E-5	1.3E-6	1.3E-6
531	-0.011	-0.011	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	1.2E-6	1.2E-6	-3.0E-6	-3.0E-6
532	-0.006	-0.006	0.000	0.000	-0.183	-0.183	0.0E+0	0.0E+0	5.7E-5	5.7E-5	3.4E-6	3.4E-6
533	-0.009	-0.009	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	3.1E-5	3.1E-5	4.5E-6	4.5E-6
534	-0.011	-0.011	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	1.3E-5	1.3E-5	-4.6E-6	-4.6E-6
535	-0.005	-0.005	0.000	0.000	-0.183	-0.183	0.0E+0	0.0E+0	5.5E-5	5.5E-5	3.8E-6	3.8E-6
536	-0.009	-0.009	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	3.5E-5	3.5E-5	2.9E-6	2.9E-6
537	-0.012	-0.012	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	2.1E-5	2.1E-5	1.2E-7	1.2E-7
538	-0.011	-0.011	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	2.6E-5	2.6E-5	2.4E-6	2.4E-6
539	-0.011	-0.011	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	2.9E-5	2.9E-5	5.4E-6	5.4E-6
540	-0.005	-0.005	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	5.1E-5	5.1E-5	2.5E-6	2.5E-6
541	-0.009	-0.009	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	3.7E-5	3.7E-5	4.8E-6	4.8E-6
542	-0.008	-0.008	0.000	0.000	-0.185	-0.185	0.0E+0	0.0E+0	3.6E-5	3.6E-5	5.0E-6	5.0E-6
543	-0.005	-0.005	0.000	0.000	-0.184	-0.184	0.0E+0	0.0E+0	4.7E-5	4.7E-5	2.6E-6	2.6E-6
544	-0.001	-0.001	-0.003	-0.003	-0.178	-0.178	-2.3E-5	-2.3E-5	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5
545	0.000	0.000	-0.001	-0.001	-0.177	-0.177	-1.8E-5	-1.8E-5	0.0E+0	0.0E+0	-6.1E-6	-6.1E-6
546	0.000	0.000	0.000	0.000	-0.176	-0.176	-5.2E-6	-5.2E-6	0.0E+0	0.0E+0	3.7E-6	3.7E-6
547	-0.002	-0.002	0.000	0.000	-0.163	-0.163	0.0E+0	0.0E+0	1.3E-5	1.3E-5	1.6E-6	1.6E-6
548	-0.004	-0.004	-0.003	-0.003	-0.164	-0.164	0.0E+0	0.0E+0	2.9E-5	2.9E-5	-8.7E-6	-8.7E-6
549	-0.006	-0.006	-0.005	-0.005	-0.165	-0.165	0.0E+0	0.0E+0	3.1E-5	3.1E-5	-1.3E-5	-1.3E-5
550	-0.002	-0.002	0.000	0.000	-0.166	-0.166	0.0E+0	0.0E+0	9.5E-6	9.5E-6	-4.9E-6	-4.9E-6
551	-0.003	-0.003	-0.003	-0.003	-0.167	-0.167	0.0E+0	0.0E+0	2.1E-5	2.1E-5	-6.4E-6	-6.4E-6
552	-0.005	-0.005	-0.005	-0.005	-0.168	-0.168	0.0E+0	0.0E+0	2.8E-5	2.8E-5	-1.2E-5	-1.2E-5
553	-0.001	-0.001	-0.001	-0.001	-0.169	-0.169	0.0E+0	0.0E+0	8.9E-6	8.9E-6	-5.9E-6	-5.9E-6
554	-0.002	-0.002	-0.003	-0.003	-0.170	-0.170	0.0E+0	0.0E+0	1.8E-5	1.8E-5	-7.9E-6	-7.9E-6
555	-0.004	-0.004	-0.005	-0.005	-0.171	-0.171	0.0E+0	0.0E+0	2.3E-5	2.3E-5	-1.1E-5	-1.1E-5
556	-0.003	-0.003	-0.005	-0.005	-0.173	-0.173	0.0E+0	0.0E+0	1.6E-5	1.6E-5	-1.1E-5	-1.1E-5
557	-0.002	-0.002	-0.005	-0.005	-0.176	-0.176	0.0E+0	0.0E+0	8.4E-6	8.4E-6	-1.1E-5	-1.1E-5
558	-0.001	-0.001	-0.001	-0.001	-0.172	-0.172	0.0E+0	0.0E+0	9.3E-6	9.3E-6	-5.9E-6	-5.9E-6
559	-0.002	-0.002	-0.003	-0.003	-0.173	-0.173	0.0E+0	0.0E+0	1.5E-5	1.5E-5	-5.8E-6	-5.8E-6
560	-0.001	-0.001	-0.002	-0.002	-0.175	-0.175	0.0E+0	0.0E+0	9.3E-6	9.3E-6	-3.4E-6	-3.4E-6
561	0.000	0.000	-0.001	-0.001	-0.174	-0.174	0.0E+0	0.0E+0	1.1E-5	1.1E-5	1.8E-7	1.8E-7
562	0.001	0.001	-0.001	-0.001	-0.175	-0.175	0.0E+0	0.0E+0	-2.8E-6	-2.8E-6	6.0E-6	6.0E-6
563	0.001	0.001	-0.002	-0.002	-0.176	-0.176	0.0E+0	0.0E+0	1.9E-6	1.9E-6	1.4E-5	1.4E-5
564	0.001	0.001	-0.003	-0.003	-0.177	-0.177	0.0E+0	0.0E+0	3.0E-6	3.0E-6	2.1E-5	2.1E-5
565	0.002	0.002	-0.001	-0.001	-0.175	-0.175	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	8.3E-6	8.3E-6
566	0.003	0.003	-0.002	-0.002	-0.176	-0.176	0.0E+0	0.0E+0	-9.2E-6	-9.2E-6	2.0E-5	2.0E-5
567	0.003	0.003	-0.003	-0.003	-0.176	-0.176	0.0E+0	0.0E+0	-8.1E-6	-8.1E-6	3.3E-5	3.3E-5
568	0.002	0.002	-0.001	-0.001	-0.174	-0.174	0.0E+0	0.0E+0	-2.6E-5	-2.6E-5	8.2E-6	8.2E-6
569	0.005	0.005	-0.002	-0.002	-0.175	-0.175	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5	2.3E-5	2.3E-5
570	0.007	0.007	-0.003	-0.003	-0.175	-0.175	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5	3.9E-5	3.9E-5
571	0.010	0.010	-0.003	-0.003	-0.174	-0.174	0.0E+0	0.0E+0	-4.0E-5	-4.0E-5	3.8E-5	3.8E-5
572	0.014	0.014	-0.003	-0.003	-0.173	-0.173	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	3.2E-5	3.2E-5
573	0.003	0.003	-0.001	-0.001	-0.172	-0.172	0.0E+0	0.0E+0	-4.2E-5	-4.2E-5	8.3E-6	8.3E-6
574	0.007	0.007	-0.002	-0.002	-0.173	-0.173	0.0E+0	0.0E+0	-4.0E-5	-4.0E-5	2.4E-5	2.4E-5
575	0.009	0.009	-0.002	-0.002	-0.172	-0.172	0.0E+0	0.0E+0	-5.3E-5	-5.3E-5	1.9E-5	1.9E-5
576	0.004	0.004	-0.001	-0.001	-0.171	-0.171	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	1.0E-5	1.0E-5
577	0.007	0.007	0.005	0.005	-0.217	-0.217	0.0E+0	0.0E+0	-8.5E-5	-8.5E-5	2.0E-6	2.0E-6
578	0.014	0.014	0.012	0.012	-0.218	-0.218	0.0E+0	0.0E+0	-7.4E-5	-7.4E-5	2.9E-6	2.9E-6
579	0.020	0.020	0.018	0.018	-0.219	-0.219	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5	4.9E-6	4.9E-6
580	0.006	0.006	0.005	0.005	-0.210	-0.210	0.0E+0	0.0E+0	-8.2E-5	-8.2E-5	2.8E-6	2.8E-6
581	0.013	0.013	0.011	0.011	-0.211	-0.211	0.0E+0	0.0E+0	-7.0E-5	-7.0E-5	7.6E-6	7.6E-6
582	0.019	0.019	0.018	0.018	-0.212	-0.212	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5	1.5E-5	1.5E-5
583	0.006	0.006	0.005	0.005	-0.203	-0.203	0.0E+0	0.0E+0	-7.7E-5	-7.7E-5	3.7E-6	3.7E-6
584	0.012	0.012	0.011	0.011	-0.204	-0.204	0.0E+0	0.0E+0	-6.0E-5	-6.0E-5	1.2E-5	1.2E-5
585	0.017	0.017	0.017	0.017	-0.205	-0.205	0.0E+0	0.0E+0	-4.9E-5	-4.9E-5	2.2E-5	2.2E-5
586	0.006	0.006	0.005	0.005	-0.196	-0.196	0.0E+0	0.0E+0	-7.1E-5	-7.1E-5	4.9E-6	4.9E-6
587	0.011	0.011	0.011	0.011	-0.197	-0.197	0.0E+0	0.0E+0	-4.8E-5	-4.8E-5	1.2E-5	1.2E-5

RELAZIONE DI CALCOLO -

588	0.014	0.014	0.017	0.017	-0.198	-0.198	0.0E+0	0.0E+0	-3.2E-5	-3.2E-5	2.9E-5	2.9E-5
589	0.006	0.006	0.005	0.005	-0.189	-0.189	0.0E+0	0.0E+0	-6.3E-5	-6.3E-5	-1.1E-6	-1.1E-6
590	0.010	0.010	0.011	0.011	-0.190	-0.190	0.0E+0	0.0E+0	-3.2E-5	-3.2E-5	1.3E-5	1.3E-5
591	0.012	0.012	0.017	0.017	-0.191	-0.191	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	2.5E-5	2.5E-5
592	0.009	0.009	0.017	0.017	-0.184	-0.184	0.0E+0	0.0E+0	1.4E-5	1.4E-5	3.1E-5	3.1E-5
593	0.008	0.008	0.017	0.017	-0.177	-0.177	0.0E+0	0.0E+0	5.8E-5	5.8E-5	-1.3E-5	-1.3E-5
594	0.006	0.006	0.005	0.005	-0.182	-0.182	0.0E+0	0.0E+0	-6.3E-5	-6.3E-5	-6.3E-6	-6.3E-6
595	0.009	0.009	0.011	0.011	-0.183	-0.183	0.0E+0	0.0E+0	-1.0E-5	-1.0E-5	-4.8E-6	-4.8E-6
596	0.010	0.010	0.011	0.011	-0.175	-0.175	0.0E+0	0.0E+0	-9.5E-6	-9.5E-6	-5.8E-6	-5.8E-6
597	0.007	0.007	0.005	0.005	-0.174	-0.174	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	-1.6E-5	-1.6E-5
598	-0.004	-0.004	0.000	0.000	-0.176	-0.176	-1.4E-6	-1.4E-6	0.0E+0	0.0E+0	7.6E-7	7.6E-7
599	-0.008	-0.008	0.000	0.000	-0.178	-0.178	-4.2E-6	-4.2E-6	0.0E+0	0.0E+0	3.2E-6	3.2E-6
600	-0.011	-0.011	-0.001	-0.001	-0.180	-0.180	-5.7E-6	-5.7E-6	0.0E+0	0.0E+0	7.9E-6	7.9E-6
601	-0.010	-0.010	-0.002	-0.002	-0.178	-0.178	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0	1.2E-5	1.2E-5
602	-0.009	-0.009	-0.003	-0.003	-0.174	-0.174	-1.5E-5	-1.5E-5	0.0E+0	0.0E+0	1.2E-5	1.2E-5
603	-0.006	-0.006	-0.001	-0.001	-0.172	-0.172	-1.5E-5	-1.5E-5	0.0E+0	0.0E+0	5.6E-6	5.6E-6
604	-0.003	-0.003	0.000	0.000	-0.170	-0.170	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0	4.6E-7	4.6E-7
605	-0.004	-0.004	0.000	0.000	-0.180	-0.180	5.8E-7	5.8E-7	0.0E+0	0.0E+0	8.1E-7	8.1E-7
606	-0.008	-0.008	0.000	0.000	-0.181	-0.181	-1.2E-6	-1.2E-6	0.0E+0	0.0E+0	2.9E-6	2.9E-6
607	-0.011	-0.011	0.000	0.000	-0.182	-0.182	-1.7E-6	-1.7E-6	0.0E+0	0.0E+0	5.2E-6	5.2E-6
608	-0.003	-0.003	0.000	0.000	-0.168	-0.168	-1.5E-5	-1.5E-5	0.0E+0	0.0E+0	-3.8E-7	-3.8E-7
609	-0.003	-0.003	0.000	0.000	-0.166	-0.166	-1.9E-5	-1.9E-5	0.0E+0	0.0E+0	-1.1E-6	-1.1E-6
610	-0.003	-0.003	0.000	0.000	-0.163	-0.163	-2.4E-5	-2.4E-5	0.0E+0	0.0E+0	-1.3E-6	-1.3E-6
611	-0.005	-0.005	-0.002	-0.002	-0.164	-0.164	-2.8E-5	-2.8E-5	0.0E+0	0.0E+0	3.7E-6	3.7E-6
612	-0.008	-0.008	-0.005	-0.005	-0.165	-0.165	-3.0E-5	-3.0E-5	0.0E+0	0.0E+0	8.2E-6	8.2E-6
613	-0.006	-0.006	-0.002	-0.002	-0.169	-0.169	-1.9E-5	-1.9E-5	0.0E+0	0.0E+0	5.0E-6	5.0E-6
614	-0.006	-0.006	-0.002	-0.002	-0.167	-0.167	-2.3E-5	-2.3E-5	0.0E+0	0.0E+0	4.2E-6	4.2E-6
615	-0.009	-0.009	-0.004	-0.004	-0.168	-0.168	-2.6E-5	-2.6E-5	0.0E+0	0.0E+0	9.8E-6	9.8E-6
616	-0.009	-0.009	-0.003	-0.003	-0.170	-0.170	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	1.0E-5	1.0E-5
617	-0.008	-0.008	-0.005	-0.005	-0.160	-0.160	-3.4E-5	-3.4E-5	0.0E+0	0.0E+0	-5.9E-7	-5.9E-7
618	-0.005	-0.005	-0.002	-0.002	-0.160	-0.160	-2.9E-5	-2.9E-5	0.0E+0	0.0E+0	5.7E-7	5.7E-7
619	-0.003	-0.003	0.000	0.000	-0.159	-0.159	-3.0E-5	-3.0E-5	0.0E+0	0.0E+0	3.4E-6	3.4E-6
620	0.005	0.005	0.004	0.004	-0.199	-0.199	3.5E-5	3.5E-5	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5
621	0.012	0.012	0.007	0.007	-0.201	-0.201	2.9E-5	2.9E-5	0.0E+0	0.0E+0	-2.7E-5	-2.7E-5
622	0.019	0.019	0.009	0.009	-0.203	-0.203	2.7E-5	2.7E-5	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5
623	0.020	0.020	0.013	0.013	-0.210	-0.210	4.2E-5	4.2E-5	0.0E+0	0.0E+0	-4.6E-5	-4.6E-5
624	0.021	0.021	0.017	0.017	-0.214	-0.214	5.4E-5	5.4E-5	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5
625	0.014	0.014	0.011	0.011	-0.212	-0.212	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5
626	0.007	0.007	0.005	0.005	-0.209	-0.209	6.4E-5	6.4E-5	0.0E+0	0.0E+0	-4.2E-6	-4.2E-6
627	0.017	0.017	0.000	0.000	-0.185	-0.185	-1.0E-5	-1.0E-5	0.0E+0	0.0E+0	-2.9E-5	-2.9E-5
628	0.011	0.011	0.001	0.001	-0.184	-0.184	-5.6E-6	-5.6E-6	0.0E+0	0.0E+0	-1.8E-5	-1.8E-5
629	0.005	0.005	0.001	0.001	-0.183	-0.183	2.0E-6	2.0E-6	0.0E+0	0.0E+0	-8.3E-6	-8.3E-6
630	0.005	0.005	0.002	0.002	-0.188	-0.188	1.1E-5	1.1E-5	0.0E+0	0.0E+0	-9.6E-6	-9.6E-6
631	0.005	0.005	0.003	0.003	-0.193	-0.193	2.3E-5	2.3E-5	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5
632	0.018	0.018	0.003	0.003	-0.191	-0.191	8.0E-7	8.0E-7	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5
633	0.011	0.011	0.002	0.002	-0.189	-0.189	4.6E-6	4.6E-6	0.0E+0	0.0E+0	-2.2E-5	-2.2E-5
634	0.011	0.011	0.004	0.004	-0.195	-0.195	1.7E-5	1.7E-5	0.0E+0	0.0E+0	-2.5E-5	-2.5E-5
635	0.018	0.018	0.006	0.006	-0.197	-0.197	1.3E-5	1.3E-5	0.0E+0	0.0E+0	-3.9E-5	-3.9E-5
636	0.022	0.022	0.016	0.016	-0.211	-0.211	4.6E-5	4.6E-5	0.0E+0	0.0E+0	-4.3E-5	-4.3E-5
637	0.023	0.023	0.018	0.018	-0.213	-0.213	5.2E-5	5.2E-5	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5
638	0.007	0.007	0.005	0.005	-0.217	-0.217	6.9E-5	6.9E-5	0.0E+0	0.0E+0	-4.4E-6	-4.4E-6
639	0.014	0.014	0.012	0.012	-0.218	-0.218	6.7E-5	6.7E-5	0.0E+0	0.0E+0	-8.6E-6	-8.6E-6
640	0.020	0.020	0.017	0.017	-0.220	-0.220	6.5E-5	6.5E-5	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5
641	0.017	0.017	-0.003	-0.003	-0.174	-0.174	-1.9E-5	-1.9E-5	0.0E+0	0.0E+0	-9.2E-6	-9.2E-6
642	0.011	0.011	-0.001	-0.001	-0.173	-0.173	-1.4E-5	-1.4E-5	0.0E+0	0.0E+0	-1.0E-5	-1.0E-5
643	0.005	0.005	0.000	0.000	-0.173	-0.173	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0	-7.6E-6	-7.6E-6
644	0.001	0.001	0.000	0.000	-0.186	-0.186	1.0E-5	1.0E-5	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5
645	0.002	0.002	0.000	0.000	-0.187	-0.187	-5.5E-6	-5.5E-6	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5
646	0.003	0.003	-0.001	-0.001	-0.188	-0.188	-7.4E-6	-7.4E-6	0.0E+0	0.0E+0	2.0E-5	2.0E-5
647	0.003	0.003	-0.003	-0.003	-0.189	-0.189	-4.3E-6	-4.3E-6	0.0E+0	0.0E+0	7.0E-5	7.0E-5
648	0.003	0.003	-0.008	-0.008	-0.189	-0.189	8.5E-6	8.5E-6	0.0E+0	0.0E+0	7.9E-5	7.9E-5
649	0.003	0.003	-0.008	-0.008	-0.188	-0.188	7.4E-6	7.4E-6	0.0E+0	0.0E+0	7.8E-5	7.8E-5
650	0.002	0.002	-0.008	-0.008	-0.187	-0.187	-1.5E-5	-1.5E-5	0.0E+0	0.0E+0	6.9E-5	6.9E-5
651	0.002	0.002	-0.015	-0.015	-0.188	-0.188	-1.0E-5	-1.0E-5	0.0E+0	0.0E+0	7.3E-5	7.3E-5
652	0.002	0.002	-0.020	-0.020	-0.189	-0.189	-3.0E-5	-3.0E-5	0.0E+0	0.0E+0	4.2E-5	4.2E-5
653	0.003	0.003	-0.015	-0.015	-0.189	-0.189	-3.5E-6	-3.5E-6	0.0E+0	0.0E+0	6.7E-5	6.7E-5
654	0.003	0.003	-0.020	-0.020	-0.189	-0.189	1.3E-5	1.3E-5	0.0E+0	0.0E+0	4.9E-5	4.9E-5
655	0.003	0.003	-0.020	-0.020	-0.190	-0.190	-1.6E-5	-1.6E-5	0.0E+0	0.0E+0	4.4E-5	4.4E-5
656	0.003	0.003	-0.015	-0.015	-0.189	-0.189	1.0E-5	1.0E-5	0.0E+0	0.0E+0	7.4E-5	7.4E-5
657	0.001	0.001	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	-4.0E-5	-4.0E-5
658	-0.003	-0.003	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-6.6E-6	-6.6E-6	-6.2E-5	-6.2E-5
659	0.000	0.000	-0.001	-0.001	-0.186	-0.186	0.0E+0	0.0E+0	-1.6E-6	-1.6E-6	-9.8E-6	-9.8E-6

RELAZIONE DI CALCOLO -

660	0.000	0.000	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	1.0E-6	1.0E-6	-2.3E-5	-2.3E-5
661	-0.001	-0.001	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	5.8E-5	5.8E-5	-2.0E-5	-2.0E-5
662	0.001	0.001	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5	2.2E-5	2.2E-5
663	0.001	0.001	-0.023	-0.023	-0.190	-0.190	0.0E+0	0.0E+0	3.4E-6	3.4E-6	-5.6E-6	-5.6E-6
664	0.001	0.001	-0.023	-0.023	-0.190	-0.190	0.0E+0	0.0E+0	-5.3E-5	-5.3E-5	-1.5E-5	-1.5E-5
665	0.000	0.000	-0.021	-0.021	-0.186	-0.186	0.0E+0	0.0E+0	6.8E-6	6.8E-6	-3.1E-5	-3.1E-5
666	0.000	0.000	-0.022	-0.022	-0.188	-0.188	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5	-2.1E-5	-2.1E-5
667	0.002	0.002	-0.023	-0.023	-0.189	-0.189	0.0E+0	0.0E+0	5.9E-5	5.9E-5	-2.1E-5	-2.1E-5
668	0.002	0.002	-0.022	-0.022	-0.188	-0.188	0.0E+0	0.0E+0	-6.4E-5	-6.4E-5	-2.5E-5	-2.5E-5
669	0.002	0.002	0.020	0.020	-0.156	-0.156	5.8E-5	5.8E-5	0.0E+0	0.0E+0	-7.7E-5	-7.7E-5
670	0.002	0.002	0.026	0.026	-0.156	-0.156	7.5E-5	7.5E-5	0.0E+0	0.0E+0	-8.6E-5	-8.6E-5
671	0.001	0.001	0.033	0.033	-0.157	-0.157	7.7E-5	7.7E-5	0.0E+0	0.0E+0	-9.6E-5	-9.6E-5
672	0.001	0.001	0.037	0.037	-0.156	-0.156	7.0E-5	7.0E-5	0.0E+0	0.0E+0	-8.3E-5	-8.3E-5
673	0.001	0.001	0.041	0.041	-0.156	-0.156	7.0E-5	7.0E-5	0.0E+0	0.0E+0	-3.9E-5	-3.9E-5
674	0.002	0.002	0.035	0.035	-0.155	-0.155	6.9E-5	6.9E-5	0.0E+0	0.0E+0	-1.6E-5	-1.6E-5
675	0.003	0.003	0.028	0.028	-0.155	-0.155	7.8E-5	7.8E-5	0.0E+0	0.0E+0	-1.9E-5	-1.9E-5
676	0.002	0.002	0.005	0.005	-0.158	-0.158	3.1E-5	3.1E-5	0.0E+0	0.0E+0	-6.0E-5	-6.0E-5
677	0.002	0.002	0.012	0.012	-0.157	-0.157	6.0E-5	6.0E-5	0.0E+0	0.0E+0	-8.3E-5	-8.3E-5
678	0.001	0.001	0.015	0.015	-0.158	-0.158	4.8E-5	4.8E-5	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5
679	0.002	0.002	0.010	0.010	-0.158	-0.158	8.5E-5	8.5E-5	0.0E+0	0.0E+0	-6.9E-5	-6.9E-5
680	0.002	0.002	0.017	0.017	-0.157	-0.157	6.5E-5	6.5E-5	0.0E+0	0.0E+0	-8.0E-5	-8.0E-5
681	0.001	0.001	0.022	0.022	-0.157	-0.157	7.3E-5	7.3E-5	0.0E+0	0.0E+0	-8.3E-5	-8.3E-5
682	0.000	0.000	0.010	0.010	-0.164	-0.164	6.0E-6	6.0E-6	7.8E-5	7.8E-5	-3.3E-6	-3.3E-6
683	0.000	0.000	0.010	0.010	-0.170	-0.170	-1.2E-6	-1.2E-6	-1.6E-5	-1.6E-5	-1.3E-5	-1.3E-5
684	0.000	0.000	0.001	0.001	-0.163	-0.163	5.4E-6	5.4E-6	7.1E-5	7.1E-5	5.4E-7	5.4E-7
685	0.000	0.000	0.005	0.005	-0.164	-0.164	-4.5E-6	-4.5E-6	-5.8E-5	-5.8E-5	-3.4E-6	-3.4E-6
686	0.000	0.000	0.006	0.006	-0.168	-0.168	2.2E-6	2.2E-6	2.8E-5	2.8E-5	-1.8E-7	-1.8E-7
687	0.001	0.001	0.002	0.002	-0.167	-0.167	-3.7E-7	-3.7E-7	-4.8E-6	-4.8E-6	1.2E-5	1.2E-5
688	0.002	0.002	0.040	0.040	-0.167	-0.167	0.0E+0	0.0E+0	-9.0E-6	-9.0E-6	1.6E-5	1.6E-5
689	0.001	0.001	0.040	0.040	-0.161	-0.161	0.0E+0	0.0E+0	-2.3E-6	-2.3E-6	7.5E-6	7.5E-6
690	-0.001	-0.001	0.029	0.029	-0.166	-0.166	0.0E+0	0.0E+0	2.4E-5	2.4E-5	-4.2E-5	-4.2E-5
691	0.000	0.000	0.034	0.034	-0.166	-0.166	0.0E+0	0.0E+0	-4.1E-5	-4.1E-5	-7.8E-6	-7.8E-6
692	0.001	0.001	0.035	0.035	-0.161	-0.161	0.0E+0	0.0E+0	-4.4E-7	-4.4E-7	-1.5E-5	-1.5E-5
693	0.001	0.001	0.029	0.029	-0.160	-0.160	0.0E+0	0.0E+0	1.1E-5	1.1E-5	-2.0E-5	-2.0E-5
694	0.000	0.000	-0.015	-0.015	-0.185	-0.185	0.0E+0	0.0E+0	2.1E-5	2.1E-5	-1.1E-5	-1.1E-5
695	0.000	0.000	-0.012	-0.012	-0.184	-0.184	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5	-7.0E-6	-7.0E-6
696	-0.001	-0.001	-0.010	-0.010	-0.183	-0.183	0.0E+0	0.0E+0	-4.4E-6	-4.4E-6	4.8E-6	4.8E-6
697	-0.002	-0.002	-0.007	-0.007	-0.183	-0.183	0.0E+0	0.0E+0	8.2E-6	8.2E-6	9.9E-7	9.9E-7
698	-0.001	-0.001	-0.006	-0.006	-0.182	-0.182	0.0E+0	0.0E+0	1.2E-5	1.2E-5	-4.5E-6	-4.5E-6
699	0.000	0.000	-0.005	-0.005	-0.181	-0.181	0.0E+0	0.0E+0	-8.1E-7	-8.1E-7	-1.0E-5	-1.0E-5
700	-0.002	-0.002	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	-5.9E-5	-5.9E-5
701	-0.004	-0.004	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	4.5E-5	4.5E-5	-1.8E-5	-1.8E-5
702	-0.005	-0.005	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-2.2E-5	-2.2E-5	2.6E-5	2.6E-5
703	-0.007	-0.007	0.000	0.000	-0.186	-0.186	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	-3.3E-5	-3.3E-5
704	-0.006	-0.006	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	-2.7E-5	-2.7E-5
705	-0.005	-0.005	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-8.8E-6	-8.8E-6	-3.0E-5	-3.0E-5
706	-0.010	-0.010	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	-2.4E-5	-2.4E-5
707	-0.009	-0.009	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	-3.1E-5	-3.1E-5
708	-0.008	-0.008	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	-3.1E-5	-3.1E-5
709	-0.012	-0.012	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	-2.7E-6	-2.7E-6	-2.1E-5	-2.1E-5
710	-0.012	-0.012	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	-4.8E-6	-4.8E-6	-2.6E-5	-2.6E-5
711	-0.011	-0.011	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	-7.0E-6	-7.0E-6	-3.3E-5	-3.3E-5
712	-0.014	-0.014	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	7.0E-6	7.0E-6	-1.4E-5	-1.4E-5
713	-0.014	-0.014	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	3.7E-6	3.7E-6	-2.2E-5	-2.2E-5
714	-0.014	-0.014	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	1.4E-6	1.4E-6	-2.9E-5	-2.9E-5
715	-0.017	-0.017	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	1.1E-5	1.1E-5	-2.4E-5	-2.4E-5
716	-0.019	-0.019	0.000	0.000	-0.188	-0.188	0.0E+0	0.0E+0	2.2E-5	2.2E-5	-1.5E-5	-1.5E-5
717	-0.015	-0.015	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	1.6E-5	1.6E-5	-8.5E-6	-8.5E-6
718	-0.016	-0.016	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	1.4E-5	1.4E-5	-1.5E-5	-1.5E-5
719	-0.017	-0.017	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	2.3E-5	2.3E-5	-7.3E-6	-7.3E-6
720	-0.015	-0.015	0.000	0.000	-0.187	-0.187	0.0E+0	0.0E+0	2.4E-5	2.4E-5	-9.4E-7	-9.4E-7
721	-0.002	-0.002	-0.010	-0.010	-0.181	-0.181	-2.2E-5	-2.2E-5	0.0E+0	0.0E+0	-6.2E-5	-6.2E-5
722	-0.001	-0.001	-0.009	-0.009	-0.181	-0.181	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	-4.6E-5	-4.6E-5
723	-0.001	-0.001	-0.007	-0.007	-0.180	-0.180	-2.2E-5	-2.2E-5	0.0E+0	0.0E+0	-3.7E-5	-3.7E-5
724	-0.012	-0.012	-0.010	-0.010	-0.166	-0.166	0.0E+0	0.0E+0	3.4E-5	3.4E-5	-1.7E-5	-1.7E-5
725	-0.014	-0.014	-0.013	-0.013	-0.167	-0.167	0.0E+0	0.0E+0	3.3E-5	3.3E-5	-1.9E-5	-1.9E-5
726	-0.017	-0.017	-0.015	-0.015	-0.167	-0.167	0.0E+0	0.0E+0	3.6E-5	3.6E-5	-2.0E-5	-2.0E-5
727	-0.010	-0.010	-0.010	-0.010	-0.169	-0.169	0.0E+0	0.0E+0	3.0E-5	3.0E-5	-2.0E-5	-2.0E-5
728	-0.012	-0.012	-0.013	-0.013	-0.169	-0.169	0.0E+0	0.0E+0	3.0E-5	3.0E-5	-2.4E-5	-2.4E-5
729	-0.015	-0.015	-0.015	-0.015	-0.170	-0.170	0.0E+0	0.0E+0	2.7E-5	2.7E-5	-3.1E-5	-3.1E-5
730	-0.008	-0.008	-0.010	-0.010	-0.172	-0.172	0.0E+0	0.0E+0	2.5E-5	2.5E-5	-2.2E-5	-2.2E-5
731	-0.010	-0.010	-0.013	-0.013	-0.172	-0.172	0.0E+0	0.0E+0	2.3E-5	2.3E-5	-2.8E-5	-2.8E-5

RELAZIONE DI CALCOLO -

732	-0.011	-0.011	-0.015	-0.015	-0.173	-0.173	0.0E+0	0.0E+0	1.9E-5	1.9E-5	-3.4E-5	-3.4E-5
733	-0.008	-0.008	-0.015	-0.015	-0.176	-0.176	0.0E+0	0.0E+0	1.3E-5	1.3E-5	-3.4E-5	-3.4E-5
734	-0.005	-0.005	-0.015	-0.015	-0.179	-0.179	0.0E+0	0.0E+0	8.8E-6	8.8E-6	-3.5E-5	-3.5E-5
735	-0.006	-0.006	-0.010	-0.010	-0.175	-0.175	0.0E+0	0.0E+0	1.8E-5	1.8E-5	-2.4E-5	-2.4E-5
736	-0.007	-0.007	-0.012	-0.012	-0.175	-0.175	0.0E+0	0.0E+0	1.7E-5	1.7E-5	-3.0E-5	-3.0E-5
737	-0.004	-0.004	-0.012	-0.012	-0.178	-0.178	0.0E+0	0.0E+0	1.0E-5	1.0E-5	-3.0E-5	-3.0E-5
738	-0.003	-0.003	-0.010	-0.010	-0.178	-0.178	0.0E+0	0.0E+0	1.0E-5	1.0E-5	-2.5E-5	-2.5E-5
739	0.000	0.000	-0.005	-0.005	-0.179	-0.179	0.0E+0	0.0E+0	-7.1E-7	-7.1E-7	3.6E-5	3.6E-5
740	0.001	0.001	-0.006	-0.006	-0.179	-0.179	0.0E+0	0.0E+0	-4.3E-6	-4.3E-6	4.8E-5	4.8E-5
741	0.001	0.001	-0.007	-0.007	-0.180	-0.180	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5	6.5E-5	6.5E-5
742	0.005	0.005	-0.005	-0.005	-0.178	-0.178	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5	6.2E-5	6.2E-5
743	0.007	0.007	-0.006	-0.006	-0.178	-0.178	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5	7.7E-5	7.7E-5
744	0.009	0.009	-0.007	-0.007	-0.179	-0.179	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5	9.3E-5	9.3E-5
745	0.011	0.011	-0.005	-0.005	-0.177	-0.177	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5	7.1E-5	7.1E-5
746	0.014	0.014	-0.006	-0.006	-0.177	-0.177	0.0E+0	0.0E+0	-4.2E-5	-4.2E-5	8.7E-5	8.7E-5
747	0.018	0.018	-0.007	-0.007	-0.178	-0.178	0.0E+0	0.0E+0	-5.1E-5	-5.1E-5	9.9E-5	9.9E-5
748	0.027	0.027	-0.008	-0.008	-0.177	-0.177	0.0E+0	0.0E+0	-6.4E-5	-6.4E-5	9.6E-5	9.6E-5
749	0.035	0.035	-0.008	-0.008	-0.176	-0.176	0.0E+0	0.0E+0	-8.0E-5	-8.0E-5	7.1E-5	7.1E-5
750	0.018	0.018	-0.005	-0.005	-0.176	-0.176	0.0E+0	0.0E+0	-5.2E-5	-5.2E-5	6.7E-5	6.7E-5
751	0.022	0.022	-0.007	-0.007	-0.176	-0.176	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5	8.0E-5	8.0E-5
752	0.029	0.029	-0.007	-0.007	-0.175	-0.175	0.0E+0	0.0E+0	-7.3E-5	-7.3E-5	6.6E-5	6.6E-5
753	0.024	0.024	-0.006	-0.006	-0.175	-0.175	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5	5.6E-5	5.6E-5
754	0.031	0.031	0.029	0.029	-0.221	-0.221	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5	1.3E-5	1.3E-5
755	0.036	0.036	0.035	0.035	-0.221	-0.221	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5	1.8E-5	1.8E-5
756	0.041	0.041	0.040	0.040	-0.222	-0.222	0.0E+0	0.0E+0	-6.6E-5	-6.6E-5	2.2E-5	2.2E-5
757	0.028	0.028	0.029	0.029	-0.214	-0.214	0.0E+0	0.0E+0	-5.6E-5	-5.6E-5	3.3E-5	3.3E-5
758	0.033	0.033	0.035	0.035	-0.214	-0.214	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	4.1E-5	4.1E-5
759	0.037	0.037	0.040	0.040	-0.215	-0.215	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5	5.0E-5	5.0E-5
760	0.024	0.024	0.029	0.029	-0.207	-0.207	0.0E+0	0.0E+0	-4.2E-5	-4.2E-5	4.8E-5	4.8E-5
761	0.028	0.028	0.035	0.035	-0.207	-0.207	0.0E+0	0.0E+0	-4.4E-5	-4.4E-5	6.0E-5	6.0E-5
762	0.031	0.031	0.040	0.040	-0.208	-0.208	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5	7.0E-5	7.0E-5
763	0.019	0.019	0.029	0.029	-0.200	-0.200	0.0E+0	0.0E+0	-2.5E-5	-2.5E-5	5.9E-5	5.9E-5
764	0.021	0.021	0.034	0.034	-0.200	-0.200	0.0E+0	0.0E+0	-2.9E-5	-2.9E-5	7.1E-5	7.1E-5
765	0.023	0.023	0.040	0.040	-0.201	-0.201	0.0E+0	0.0E+0	-3.4E-5	-3.4E-5	8.4E-5	8.4E-5
766	0.013	0.013	0.029	0.029	-0.192	-0.192	0.0E+0	0.0E+0	-7.8E-6	-7.8E-6	6.2E-5	6.2E-5
767	0.014	0.014	0.034	0.034	-0.193	-0.193	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5	7.6E-5	7.6E-5
768	0.015	0.015	0.040	0.040	-0.194	-0.194	0.0E+0	0.0E+0	-1.8E-5	-1.8E-5	8.5E-5	8.5E-5
769	0.007	0.007	0.040	0.040	-0.187	-0.187	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	7.4E-5	7.4E-5
770	0.003	0.003	0.040	0.040	-0.180	-0.180	0.0E+0	0.0E+0	5.2E-6	5.2E-6	1.4E-5	1.4E-5
771	0.007	0.007	0.029	0.029	-0.185	-0.185	0.0E+0	0.0E+0	7.2E-6	7.2E-6	6.1E-5	6.1E-5
772	0.007	0.007	0.034	0.034	-0.186	-0.186	0.0E+0	0.0E+0	-1.5E-6	-1.5E-6	6.7E-5	6.7E-5
773	0.001	0.001	0.034	0.034	-0.179	-0.179	0.0E+0	0.0E+0	-3.4E-5	-3.4E-5	3.7E-5	3.7E-5
774	0.000	0.000	0.029	0.029	-0.178	-0.178	0.0E+0	0.0E+0	1.4E-5	1.4E-5	6.5E-5	6.5E-5
775	-0.013	-0.013	-0.003	-0.003	-0.176	-0.176	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	1.6E-5	1.6E-5
776	-0.013	-0.013	-0.002	-0.002	-0.179	-0.179	-7.6E-6	-7.6E-6	0.0E+0	0.0E+0	1.4E-5	1.4E-5
777	-0.015	-0.015	-0.003	-0.003	-0.179	-0.179	-5.7E-6	-5.7E-6	0.0E+0	0.0E+0	1.7E-5	1.7E-5
778	-0.018	-0.018	-0.003	-0.003	-0.180	-0.180	-8.7E-6	-8.7E-6	0.0E+0	0.0E+0	2.1E-5	2.1E-5
779	-0.021	-0.021	-0.004	-0.004	-0.180	-0.180	-1.0E-5	-1.0E-5	0.0E+0	0.0E+0	3.1E-5	3.1E-5
780	-0.021	-0.021	-0.006	-0.006	-0.178	-0.178	-1.2E-5	-1.2E-5	0.0E+0	0.0E+0	4.0E-5	4.0E-5
781	-0.021	-0.021	-0.008	-0.008	-0.176	-0.176	-1.4E-5	-1.4E-5	0.0E+0	0.0E+0	3.8E-5	3.8E-5
782	-0.018	-0.018	-0.007	-0.007	-0.175	-0.175	-1.6E-5	-1.6E-5	0.0E+0	0.0E+0	2.8E-5	2.8E-5
783	-0.015	-0.015	-0.005	-0.005	-0.175	-0.175	-1.8E-5	-1.8E-5	0.0E+0	0.0E+0	2.4E-5	2.4E-5
784	-0.012	-0.012	-0.004	-0.004	-0.174	-0.174	-1.6E-5	-1.6E-5	0.0E+0	0.0E+0	1.7E-5	1.7E-5
785	-0.014	-0.014	-0.008	-0.008	-0.169	-0.169	-2.7E-5	-2.7E-5	0.0E+0	0.0E+0	1.9E-5	1.9E-5
786	-0.017	-0.017	-0.010	-0.010	-0.170	-0.170	-2.8E-5	-2.8E-5	0.0E+0	0.0E+0	2.4E-5	2.4E-5
787	-0.019	-0.019	-0.012	-0.012	-0.170	-0.170	-2.3E-5	-2.3E-5	0.0E+0	0.0E+0	3.0E-5	3.0E-5
788	-0.017	-0.017	-0.009	-0.009	-0.173	-0.173	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	2.8E-5	2.8E-5
789	-0.015	-0.015	-0.007	-0.007	-0.172	-0.172	-2.3E-5	-2.3E-5	0.0E+0	0.0E+0	2.2E-5	2.2E-5
790	-0.018	-0.018	-0.001	-0.001	-0.182	-0.182	-2.7E-6	-2.7E-6	0.0E+0	0.0E+0	1.9E-5	1.9E-5
791	-0.018	-0.018	0.000	0.000	-0.185	-0.185	2.9E-7	2.9E-7	0.0E+0	0.0E+0	1.1E-5	1.1E-5
792	-0.015	-0.015	0.000	0.000	-0.184	-0.184	-5.6E-7	-5.6E-7	0.0E+0	0.0E+0	9.8E-6	9.8E-6
793	-0.015	-0.015	-0.001	-0.001	-0.182	-0.182	-3.3E-6	-3.3E-6	0.0E+0	0.0E+0	1.5E-5	1.5E-5
794	-0.019	-0.019	-0.014	-0.014	-0.168	-0.168	-3.1E-5	-3.1E-5	0.0E+0	0.0E+0	2.2E-5	2.2E-5
795	-0.017	-0.017	-0.012	-0.012	-0.167	-0.167	-3.0E-5	-3.0E-5	0.0E+0	0.0E+0	2.0E-5	2.0E-5
796	-0.014	-0.014	-0.010	-0.010	-0.167	-0.167	-3.2E-5	-3.2E-5	0.0E+0	0.0E+0	1.6E-5	1.6E-5
797	-0.020	-0.020	-0.010	-0.010	-0.173	-0.173	-2.1E-5	-2.1E-5	0.0E+0	0.0E+0	3.1E-5	3.1E-5
798	-0.013	-0.013	-0.005	-0.005	-0.173	-0.173	-1.9E-5	-1.9E-5	0.0E+0	0.0E+0	1.8E-5	1.8E-5
799	-0.013	-0.013	-0.005	-0.005	-0.173	-0.173	-2.0E-5	-2.0E-5	0.0E+0	0.0E+0	1.9E-5	1.9E-5
800	-0.020	-0.020	0.000	0.000	-0.185	-0.185	1.3E-7	1.3E-7	0.0E+0	0.0E+0	1.3E-5	1.3E-5
801	-0.020	-0.020	-0.002	-0.002	-0.182	-0.182	-3.2E-6	-3.2E-6	0.0E+0	0.0E+0	2.2E-5	2.2E-5
802	-0.013	-0.013	-0.002	-0.002	-0.180	-0.180	-6.0E-6	-6.0E-6	0.0E+0	0.0E+0	1.4E-5	1.4E-5
803	0.031	0.031	0.018	0.018	-0.209	-0.209	3.0E-5	3.0E-5	0.0E+0	0.0E+0	-7.4E-5	-7.4E-5

RELAZIONE DI CALCOLO -

804	0.037	0.037	0.021	0.021	-0.209	-0.209	3.4E-5	3.4E-5	0.0E+0	0.0E+0	-8.7E-5	-8.7E-5
805	0.043	0.043	0.024	0.024	-0.210	-0.210	3.7E-5	3.7E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
806	0.043	0.043	0.029	0.029	-0.214	-0.214	3.8E-5	3.8E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
807	0.044	0.044	0.034	0.034	-0.217	-0.217	4.3E-5	4.3E-5	0.0E+0	0.0E+0	-7.4E-5	-7.4E-5
808	0.038	0.038	0.030	0.030	-0.216	-0.216	4.9E-5	4.9E-5	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5
809	0.031	0.031	0.025	0.025	-0.215	-0.215	6.0E-5	6.0E-5	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5
810	0.037	0.037	0.033	0.033	-0.220	-0.220	6.0E-5	6.0E-5	0.0E+0	0.0E+0	-4.1E-5	-4.1E-5
811	0.037	0.037	0.034	0.034	-0.224	-0.224	6.7E-5	6.7E-5	0.0E+0	0.0E+0	-2.8E-5	-2.8E-5
812	0.043	0.043	0.039	0.039	-0.222	-0.222	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-4.9E-5	-4.9E-5
813	0.040	0.040	0.036	0.036	-0.221	-0.221	6.0E-5	6.0E-5	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5
814	0.043	0.043	0.037	0.037	-0.220	-0.220	5.3E-5	5.3E-5	0.0E+0	0.0E+0	-6.1E-5	-6.1E-5
815	0.041	0.041	0.004	0.004	-0.196	-0.196	6.3E-6	6.3E-6	0.0E+0	0.0E+0	-8.8E-5	-8.8E-5
816	0.035	0.035	0.003	0.003	-0.195	-0.195	-9.2E-7	-9.2E-7	0.0E+0	0.0E+0	-7.2E-5	-7.2E-5
817	0.030	0.030	0.003	0.003	-0.193	-0.193	-1.3E-6	-1.3E-6	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5
818	0.037	0.037	0.014	0.014	-0.205	-0.205	2.3E-5	2.3E-5	0.0E+0	0.0E+0	-8.5E-5	-8.5E-5
819	0.036	0.036	0.009	0.009	-0.200	-0.200	1.2E-5	1.2E-5	0.0E+0	0.0E+0	-8.1E-5	-8.1E-5
820	0.043	0.043	0.015	0.015	-0.204	-0.204	2.4E-5	2.4E-5	0.0E+0	0.0E+0	-9.8E-5	-9.8E-5
821	0.040	0.040	0.015	0.015	-0.204	-0.204	2.3E-5	2.3E-5	0.0E+0	0.0E+0	-9.2E-5	-9.2E-5
822	0.031	0.031	0.028	0.028	-0.223	-0.223	6.7E-5	6.7E-5	0.0E+0	0.0E+0	-2.3E-5	-2.3E-5
823	0.031	0.031	0.027	0.027	-0.219	-0.219	6.2E-5	6.2E-5	0.0E+0	0.0E+0	-3.2E-5	-3.2E-5
824	0.040	0.040	0.038	0.038	-0.225	-0.225	6.7E-5	6.7E-5	0.0E+0	0.0E+0	-3.1E-5	-3.1E-5
825	0.043	0.043	0.041	0.041	-0.226	-0.226	6.6E-5	6.6E-5	0.0E+0	0.0E+0	-3.4E-5	-3.4E-5
826	0.040	0.040	0.034	0.034	-0.219	-0.219	5.3E-5	5.3E-5	0.0E+0	0.0E+0	-5.3E-5	-5.3E-5
827	0.045	0.045	0.039	0.039	-0.220	-0.220	5.3E-5	5.3E-5	0.0E+0	0.0E+0	-6.6E-5	-6.6E-5
828	0.030	0.030	-0.002	-0.002	-0.187	-0.187	-1.4E-5	-1.4E-5	0.0E+0	0.0E+0	-5.0E-5	-5.0E-5
829	0.035	0.035	-0.002	-0.002	-0.188	-0.188	-1.1E-5	-1.1E-5	0.0E+0	0.0E+0	-6.0E-5	-6.0E-5
830	0.041	0.041	-0.003	-0.003	-0.190	-0.190	-8.8E-6	-8.8E-6	0.0E+0	0.0E+0	-6.6E-5	-6.6E-5
831	0.031	0.031	0.013	0.013	-0.204	-0.204	2.1E-5	2.1E-5	0.0E+0	0.0E+0	-7.2E-5	-7.2E-5
832	0.030	0.030	0.008	0.008	-0.199	-0.199	9.3E-6	9.3E-6	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5
833	0.039	0.039	0.009	0.009	-0.200	-0.200	1.3E-5	1.3E-5	0.0E+0	0.0E+0	-8.7E-5	-8.7E-5
834	0.003	0.003	-0.015	-0.015	-0.181	-0.181	9.0E-6	9.0E-6	0.0E+0	0.0E+0	7.3E-5	7.3E-5
835	0.003	0.003	-0.015	-0.015	-0.181	-0.181	9.0E-6	9.0E-6	0.0E+0	0.0E+0	6.3E-5	6.3E-5
836	0.004	0.004	-0.014	-0.014	-0.181	-0.181	1.0E-5	1.0E-5	0.0E+0	0.0E+0	5.5E-5	5.5E-5
837	0.003	0.003	-0.005	-0.005	-0.181	-0.181	-2.8E-6	-2.8E-6	0.0E+0	0.0E+0	4.9E-5	4.9E-5
838	0.003	0.003	-0.010	-0.010	-0.181	-0.181	2.1E-6	2.1E-6	0.0E+0	0.0E+0	6.3E-5	6.3E-5
839	0.003	0.003	-0.005	-0.005	-0.181	-0.181	-2.8E-6	-2.8E-6	0.0E+0	0.0E+0	5.4E-5	5.4E-5
840	0.004	0.004	-0.019	-0.019	-0.182	-0.182	6.0E-6	6.0E-6	0.0E+0	0.0E+0	5.1E-5	5.1E-5
841	0.004	0.004	-0.020	-0.020	-0.182	-0.182	2.1E-5	2.1E-5	0.0E+0	0.0E+0	4.8E-5	4.8E-5
842	0.003	0.003	-0.021	-0.021	-0.181	-0.181	2.3E-6	2.3E-6	0.0E+0	0.0E+0	5.1E-5	5.1E-5
843	0.004	0.004	-0.005	-0.005	-0.181	-0.181	-1.5E-6	-1.5E-6	0.0E+0	0.0E+0	4.6E-5	4.6E-5
844	0.004	0.004	-0.010	-0.010	-0.181	-0.181	3.5E-6	3.5E-6	0.0E+0	0.0E+0	5.5E-5	5.5E-5
845	0.003	0.003	-0.010	-0.010	-0.181	-0.181	8.0E-7	8.0E-7	0.0E+0	0.0E+0	6.9E-5	6.9E-5
846	0.003	0.003	-0.003	-0.003	-0.180	-0.180	-4.5E-6	-4.5E-6	0.0E+0	0.0E+0	3.3E-5	3.3E-5
847	0.004	0.004	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	-1.3E-7	-1.3E-7
848	0.004	0.004	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-9.6E-6	-9.6E-6	-9.2E-6	-9.2E-6
849	0.003	0.003	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-7.1E-6	-7.1E-6	-2.6E-5	-2.6E-5
850	0.002	0.002	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-1.0E-5	-1.0E-5	1.8E-5	1.8E-5
851	0.002	0.002	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5	-1.5E-5	-1.5E-5
852	0.003	0.003	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-9.7E-6	-9.7E-6	-1.1E-5	-1.1E-5
853	0.001	0.001	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5	-5.0E-6	-5.0E-6
854	0.005	0.005	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-1.9E-5	-1.9E-5	2.0E-5	2.0E-5
855	0.005	0.005	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-5.0E-5	-5.0E-5	-1.4E-6	-1.4E-6
856	0.004	0.004	-0.002	-0.002	-0.181	-0.181	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5	-1.4E-5	-1.4E-5
857	0.001	0.001	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-2.9E-5	-2.9E-5	-1.9E-5	-1.9E-5
858	0.006	0.006	-0.023	-0.023	-0.183	-0.183	0.0E+0	0.0E+0	-4.1E-5	-4.1E-5	9.6E-6	9.6E-6
859	0.006	0.006	-0.023	-0.023	-0.183	-0.183	0.0E+0	0.0E+0	-2.5E-5	-2.5E-5	7.8E-6	7.8E-6
860	0.005	0.005	-0.023	-0.023	-0.182	-0.182	0.0E+0	0.0E+0	6.4E-6	6.4E-6	1.8E-5	1.8E-5
861	0.005	0.005	-0.024	-0.024	-0.182	-0.182	0.0E+0	0.0E+0	-1.5E-5	-1.5E-5	-5.1E-7	-5.1E-7
862	0.004	0.004	-0.024	-0.024	-0.182	-0.182	0.0E+0	0.0E+0	-2.0E-5	-2.0E-5	-3.7E-5	-3.7E-5
863	0.002	0.002	-0.024	-0.024	-0.183	-0.183	0.0E+0	0.0E+0	-5.0E-5	-5.0E-5	-1.7E-5	-1.7E-5
864	0.005	0.005	-0.024	-0.024	-0.182	-0.182	0.0E+0	0.0E+0	4.0E-5	4.0E-5	-6.1E-5	-6.1E-5
865	0.005	0.005	-0.022	-0.022	-0.182	-0.182	0.0E+0	0.0E+0	-1.6E-5	-1.6E-5	1.8E-5	1.8E-5
866	0.002	0.002	-0.024	-0.024	-0.182	-0.182	0.0E+0	0.0E+0	-3.0E-5	-3.0E-5	-2.0E-5	-2.0E-5
867	0.000	0.000	-0.024	-0.024	-0.182	-0.182	0.0E+0	0.0E+0	-3.6E-5	-3.6E-5	-5.5E-5	-5.5E-5
868	0.000	0.000	0.043	0.043	-0.148	-0.148	7.4E-5	7.4E-5	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5
869	0.006	0.006	-0.022	-0.022	-0.177	-0.177	0.0E+0	0.0E+0	-6.0E-5	-6.0E-5	-6.1E-5	-6.1E-5
870	0.001	0.001	-0.019	-0.019	-0.176	-0.176	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5	-2.1E-5	-2.1E-5
871	-0.002	-0.002	-0.008	-0.008	-0.174	-0.174	0.0E+0	0.0E+0	-7.3E-6	-7.3E-6	-1.5E-6	-1.5E-6
872	-0.010	-0.010	-0.002	-0.002	-0.179	-0.179	0.0E+0	0.0E+0	-1.1E-5	-1.1E-5	-3.8E-5	-3.8E-5
873	-0.017	-0.017	-0.001	-0.001	-0.178	-0.178	0.0E+0	0.0E+0	6.3E-6	6.3E-6	-3.2E-5	-3.2E-5
874	-0.019	-0.019	-0.001	-0.001	-0.178	-0.178	0.0E+0	0.0E+0	1.6E-5	1.6E-5	-2.3E-5	-2.3E-5
875	-0.006	-0.006	-0.002	-0.002	-0.179	-0.179	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5	-3.6E-5	-3.6E-5

RELAZIONE DI CALCOLO -

876	-0.003	-0.003	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5	-3.1E-5	-3.1E-5
877	0.002	0.002	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-1.4E-5	-1.4E-5	5.5E-6	5.5E-6
878	0.000	0.000	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-2.9E-5	-2.9E-5	-3.1E-5	-3.1E-5
879	0.001	0.001	-0.002	-0.002	-0.180	-0.180	0.0E+0	0.0E+0	-2.3E-5	-2.3E-5	-3.8E-5	-3.8E-5
880	-0.014	-0.014	-0.001	-0.001	-0.179	-0.179	0.0E+0	0.0E+0	-2.7E-6	-2.7E-6	-3.6E-5	-3.6E-5
881	-0.004	-0.004	-0.019	-0.019	-0.170	-0.170	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5	-4.4E-5	-4.4E-5
882	-0.002	-0.002	-0.021	-0.021	-0.172	-0.172	0.0E+0	0.0E+0	-2.9E-5	-2.9E-5	-4.9E-5	-4.9E-5
883	0.044	0.044	-0.007	-0.007	-0.169	-0.169	0.0E+0	0.0E+0	-5.9E-5	-5.9E-5	6.9E-5	6.9E-5
884	0.049	0.049	-0.007	-0.007	-0.169	-0.169	0.0E+0	0.0E+0	-7.1E-5	-7.1E-5	6.1E-5	6.1E-5
885	0.055	0.055	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-8.5E-5	-8.5E-5	5.9E-5	5.9E-5
886	0.035	0.035	-0.007	-0.007	-0.169	-0.169	0.0E+0	0.0E+0	-7.0E-5	-7.0E-5	1.0E-4	1.0E-4
887	0.040	0.040	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-7.2E-5	-7.2E-5	1.0E-4	1.0E-4
888	0.045	0.045	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-8.1E-5	-8.1E-5	1.0E-4	1.0E-4
889	0.025	0.025	-0.007	-0.007	-0.170	-0.170	0.0E+0	0.0E+0	-6.3E-5	-6.3E-5	1.1E-4	1.1E-4
890	0.028	0.028	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-7.0E-5	-7.0E-5	1.2E-4	1.2E-4
891	0.033	0.033	-0.008	-0.008	-0.170	-0.170	0.0E+0	0.0E+0	-7.5E-5	-7.5E-5	1.2E-4	1.2E-4
892	0.019	0.019	-0.008	-0.008	-0.171	-0.171	0.0E+0	0.0E+0	-6.4E-5	-6.4E-5	1.2E-4	1.2E-4
893	0.007	0.007	-0.008	-0.008	-0.171	-0.171	0.0E+0	0.0E+0	-4.7E-5	-4.7E-5	8.9E-5	8.9E-5
894	0.015	0.015	-0.007	-0.007	-0.170	-0.170	0.0E+0	0.0E+0	-5.4E-5	-5.4E-5	1.1E-4	1.1E-4
895	0.016	0.016	-0.008	-0.008	-0.171	-0.171	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	1.1E-4	1.1E-4
896	0.005	0.005	-0.008	-0.008	-0.171	-0.171	0.0E+0	0.0E+0	-4.5E-5	-4.5E-5	8.9E-5	8.9E-5
897	0.007	0.007	-0.007	-0.007	-0.171	-0.171	0.0E+0	0.0E+0	-4.3E-5	-4.3E-5	9.2E-5	9.2E-5
898	0.060	0.060	0.061	0.061	-0.214	-0.214	0.0E+0	0.0E+0	-6.9E-5	-6.9E-5	1.8E-5	1.8E-5
899	0.055	0.055	0.056	0.056	-0.214	-0.214	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5	2.3E-5	2.3E-5
900	0.049	0.049	0.050	0.050	-0.213	-0.213	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5	2.4E-5	2.4E-5
901	0.055	0.055	0.060	0.060	-0.208	-0.208	0.0E+0	0.0E+0	-7.1E-5	-7.1E-5	5.8E-5	5.8E-5
902	0.050	0.050	0.055	0.055	-0.207	-0.207	0.0E+0	0.0E+0	-6.6E-5	-6.6E-5	5.9E-5	5.9E-5
903	0.045	0.045	0.049	0.049	-0.206	-0.206	0.0E+0	0.0E+0	-6.2E-5	-6.2E-5	5.8E-5	5.8E-5
904	0.047	0.047	0.058	0.058	-0.201	-0.201	0.0E+0	0.0E+0	-6.7E-5	-6.7E-5	8.9E-5	8.9E-5
905	0.042	0.042	0.053	0.053	-0.200	-0.200	0.0E+0	0.0E+0	-6.0E-5	-6.0E-5	8.7E-5	8.7E-5
906	0.037	0.037	0.049	0.049	-0.200	-0.200	0.0E+0	0.0E+0	-5.5E-5	-5.5E-5	8.3E-5	8.3E-5
907	0.036	0.036	0.057	0.057	-0.195	-0.195	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5	1.1E-4	1.1E-4
908	0.032	0.032	0.052	0.052	-0.194	-0.194	0.0E+0	0.0E+0	-5.0E-5	-5.0E-5	1.0E-4	1.0E-4
909	0.028	0.028	0.048	0.048	-0.193	-0.193	0.0E+0	0.0E+0	-4.3E-5	-4.3E-5	9.8E-5	9.8E-5
910	0.025	0.025	0.055	0.055	-0.188	-0.188	0.0E+0	0.0E+0	-4.3E-5	-4.3E-5	1.2E-4	1.2E-4
911	0.021	0.021	0.051	0.051	-0.187	-0.187	0.0E+0	0.0E+0	-3.5E-5	-3.5E-5	1.1E-4	1.1E-4
912	0.018	0.018	0.048	0.048	-0.186	-0.186	0.0E+0	0.0E+0	-3.0E-5	-3.0E-5	1.0E-4	1.0E-4
913	0.015	0.015	0.054	0.054	-0.183	-0.183	0.0E+0	0.0E+0	-2.7E-5	-2.7E-5	1.2E-4	1.2E-4
914	0.012	0.012	0.051	0.051	-0.181	-0.181	0.0E+0	0.0E+0	-1.7E-5	-1.7E-5	1.1E-4	1.1E-4
915	0.008	0.008	0.048	0.048	-0.179	-0.179	0.0E+0	0.0E+0	-7.3E-6	-7.3E-6	9.1E-5	9.1E-5
916	0.000	0.000	0.048	0.048	-0.172	-0.172	0.0E+0	0.0E+0	1.6E-5	1.6E-5	6.9E-5	6.9E-5
917	0.003	0.003	0.051	0.051	-0.175	-0.175	0.0E+0	0.0E+0	5.3E-7	5.3E-7	8.9E-5	8.9E-5
918	0.008	0.008	0.053	0.053	-0.178	-0.178	0.0E+0	0.0E+0	-1.2E-5	-1.2E-5	1.1E-4	1.1E-4
919	0.049	0.049	0.028	0.028	-0.201	-0.201	3.6E-5	3.6E-5	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4
920	0.053	0.053	0.031	0.031	-0.202	-0.202	3.7E-5	3.7E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
921	0.058	0.058	0.034	0.034	-0.202	-0.202	3.8E-5	3.8E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
922	0.062	0.062	0.036	0.036	-0.202	-0.202	3.8E-5	3.8E-5	0.0E+0	0.0E+0	-1.3E-4	-1.3E-4
923	0.062	0.062	0.012	0.012	-0.190	-0.190	1.2E-5	1.2E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
924	0.058	0.058	0.010	0.010	-0.190	-0.190	1.5E-5	1.5E-5	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4
925	0.053	0.053	0.009	0.009	-0.189	-0.189	2.1E-5	2.1E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
926	0.049	0.049	0.008	0.008	-0.189	-0.189	1.9E-5	1.9E-5	0.0E+0	0.0E+0	-9.9E-5	-9.9E-5
927	0.055	0.055	-0.001	-0.001	-0.181	-0.181	1.1E-5	1.1E-5	0.0E+0	0.0E+0	-6.2E-5	-6.2E-5
928	0.054	0.054	0.003	0.003	-0.185	-0.185	1.5E-5	1.5E-5	0.0E+0	0.0E+0	-8.4E-5	-8.4E-5
929	0.049	0.049	0.001	0.001	-0.184	-0.184	2.0E-5	2.0E-5	0.0E+0	0.0E+0	-7.6E-5	-7.6E-5
930	0.049	0.049	-0.003	-0.003	-0.180	-0.180	1.8E-5	1.8E-5	0.0E+0	0.0E+0	-5.7E-5	-5.7E-5
931	0.049	0.049	0.035	0.035	-0.206	-0.206	4.4E-5	4.4E-5	0.0E+0	0.0E+0	-9.8E-5	-9.8E-5
932	0.049	0.049	0.042	0.042	-0.210	-0.210	5.3E-5	5.3E-5	0.0E+0	0.0E+0	-8.1E-5	-8.1E-5
933	0.050	0.050	0.047	0.047	-0.215	-0.215	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-5.6E-5	-5.6E-5
934	0.055	0.055	0.053	0.053	-0.215	-0.215	6.2E-5	6.2E-5	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5
935	0.061	0.061	0.058	0.058	-0.215	-0.215	6.1E-5	6.1E-5	0.0E+0	0.0E+0	-7.8E-5	-7.8E-5
936	0.054	0.054	0.039	0.039	-0.206	-0.206	4.5E-5	4.5E-5	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4
937	0.055	0.055	0.046	0.046	-0.210	-0.210	5.3E-5	5.3E-5	0.0E+0	0.0E+0	-9.2E-5	-9.2E-5
938	0.061	0.061	0.050	0.050	-0.210	-0.210	5.3E-5	5.3E-5	0.0E+0	0.0E+0	-1.0E-4	-1.0E-4
939	0.059	0.059	0.042	0.042	-0.206	-0.206	4.5E-5	4.5E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
940	0.063	0.063	0.043	0.043	-0.206	-0.206	4.5E-5	4.5E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
941	0.062	0.062	0.024	0.024	-0.196	-0.196	2.5E-5	2.5E-5	0.0E+0	0.0E+0	-1.3E-4	-1.3E-4
942	0.058	0.058	0.022	0.022	-0.196	-0.196	2.7E-5	2.7E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
943	0.053	0.053	0.020	0.020	-0.195	-0.195	2.7E-5	2.7E-5	0.0E+0	0.0E+0	-1.2E-4	-1.2E-4
944	0.049	0.049	0.017	0.017	-0.195	-0.195	2.8E-5	2.8E-5	0.0E+0	0.0E+0	-1.1E-4	-1.1E-4
945	0.062	0.062	0.002	0.002	-0.184	-0.184	-3.0E-6	-3.0E-6	0.0E+0	0.0E+0	-8.4E-5	-8.4E-5
946	0.058	0.058	0.004	0.004	-0.185	-0.185	9.3E-6	9.3E-6	0.0E+0	0.0E+0	-8.6E-5	-8.6E-5
947	0.058	0.058	-0.001	-0.001	-0.181	-0.181	3.7E-6	3.7E-6	0.0E+0	0.0E+0	-6.5E-5	-6.5E-5

RELAZIONE DI CALCOLO -

948	0.061	0.061	-0.006	-0.006	-0.173	-0.173	-2.7E-6	-2.7E-6	0.0E+0	0.0E+0	-2.4E-5	-2.4E-5
949	0.055	0.055	-0.006	-0.006	-0.173	-0.173	5.5E-7	5.5E-7	0.0E+0	0.0E+0	-2.5E-5	-2.5E-5
950	0.049	0.049	-0.006	-0.006	-0.173	-0.173	3.2E-6	3.2E-6	0.0E+0	0.0E+0	-1.3E-5	-1.3E-5

4.2.2 Involuppi dei diagrammi delle sollecitazioni: Sforzo Normale.

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

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

Tabella 21.I

				Sforzo Normale (N) [daN]									
				SLV		SLD		SLE					
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Caratteristiche		Frequenti		Quasi Permanenti	
								Max	Min	Max	Min	Max	Min
1	Fond.	1-2	0	2976	-4268	1903	-3195	1599	-2892	476	-1769	-646	-646
			20	3496	-4831	2266	-3600	1250	-2585	291	-1626	-667	-667
			40	4019	-5395	2630	-4007	910	-2287	111	-1488	-688	-688
2	Fond.	1-2	0	2581	-5207	1417	-4042	875	-3500	-219	-2406	-1313	-1313
			28	2471	-5722	1331	-4015	1269	-3953	-36	-2647	-1342	-1342
			55	3037	-6375	1731	-4473	1648	-4390	138	-2880	-1371	-1371
3	Fond.	1-2	0	2974	-6409	1686	-4427	1672	-4413	151	-2891	-1370	-1370
			28	3691	-7037	2186	-4986	2034	-4833	317	-3117	-1400	-1400
			55	4411	-7642	2688	-5547	2379	-5238	475	-3334	-1429	-1429
4	Fond.	1-2	0	5214	-6597	3429	-4445	3429	-4445	1460	-2477	-508	-508
			46	4267	-5790	2795	-3910	2795	-3910	1119	-2234	-558	-558
			91	3393	-5058	2210	-3424	2210	-3424	801	-2016	-607	-607
5	Fond.	1-2	0	9190	-9636	6112	-6438	6112	-6438	2974	-3301	-163	-163
			46	8391	-8979	5577	-6003	5577	-6003	2682	-3108	-213	-213
			91	7670	-8399	5094	-5619	5094	-5619	2415	-2941	-263	-263
6	Fond.	1-2	0	10594	-7944	7155	-5204	7155	-5204	4066	-2114	976	976
			46	9950	-7441	6723	-4871	6723	-4871	3824	-1972	926	926
			91	9383	-7014	6342	-4589	6342	-4589	3609	-1856	877	877
7	Fond.	9-1	0	10922	-11324	7261	-7570	7261	-7570	3553	-3862	-154	-154
			38	11324	-11705	7530	-7823	7530	-7823	3692	-3984	-146	-146
			77	11781	-12143	7837	-8113	7837	-8113	3849	-4125	-138	-138
8	Fond.	9-1	0	8852	-8533	5915	-5675	5915	-5675	3017	-2778	120	120
			38	9365	-9026	6258	-6002	6258	-6002	3193	-2937	128	128
			77	9932	-9573	6638	-6366	6638	-6366	3387	-3115	136	136
9	Fond.	9-1	0	5479	-5454	3656	-3632	3656	-3632	1834	-1810	12	12
			38	6099	-6054	4071	-4031	4071	-4031	2046	-2005	20	20
			77	6773	-6708	4522	-4465	4522	-4465	2275	-2218	28	28
10	Fond.	2-5	0	10673	-4726	7349	-2917	7349	-2917	4782	-351	2216	2216
			43	10395	-4346	7171	-2656	7171	-2656	4714	-199	2258	2258
			87	10186	-4033	7040	-2439	7040	-2439	4670	-70	2300	2300
11	Fond.	2-5	0	13739	-4664	9501	-2768	9501	-2768	6434	299	3366	3366
			43	13600	-4419	9416	-2596	9416	-2596	6413	407	3410	3410
			87	13532	-4242	9379	-2470	9379	-2470	6417	492	3455	3455
12	Fond.	2-5	0	10737	-4526	7366	-2810	7366	-2810	4822	-266	2278	2278
			43	10740	-4417	7376	-2728	7376	-2728	4850	-202	2324	2324
			87	10811	-4375	7432	-2692	7432	-2692	4901	-161	2370	2370
13	Fond.	3-4	0	9505	-7079	6429	-4627	6429	-4627	3665	-1863	901	901
			45	10098	-7438	6832	-4859	6832	-4859	3909	-1936	986	986
			90	10767	-7872	7285	-5141	7285	-5141	4179	-2034	1072	1072
14	Fond.	3-4	0	7547	-8693	4993	-5834	4993	-5834	2286	-3127	-421	-421
			45	8291	-9201	5496	-6165	5496	-6165	2581	-3250	-335	-335
			90	9109	-9784	6049	-6547	6049	-6547	2900	-3398	-249	-249
15	Fond.	3-4	0	3130	-5584	1995	-3814	1995	-3814	543	-2362	-909	-909
			45	4021	-6240	2597	-4244	2597	-4244	887	-2534	-824	-824
			90	4984	-6969	3246	-4723	3246	-4723	1254	-2730	-738	-738
16	Fond.	3-4	0	3797	-7858	2169	-5627	1963	-5422	117	-3575	-1729	-1729
			28	3214	-7236	1770	-5124	1648	-5002	-15	-3340	-1677	-1677
			55	2633	-6590	1373	-4623	1316	-4567	-155	-3096	-1625	-1625
17	Fond.	3-4	0	2630	-6555	1370	-4627	1286	-4544	-171	-3086	-1629	-1629
			28	2051	-5884	974	-4128	938	-4092	-319	-2835	-1577	-1577
			55	1719	-5190	752	-3804	573	-3625	-476	-2575	-1526	-1526
18	Fond.	3-4	0	2894	-4885	1746	-3737	666	-2656	-165	-1826	-995	-995
			22	2430	-4339	1428	-3337	1052	-2961	49	-1957	-954	-954
			44	2324	-4764	1449	-3276	1449	-3276	268	-2095	-914	-914
19	Fond.	8-3	0	11029	-4582	7577	-2831	7577	-2831	4975	-229	2373	2373
			43	10988	-4517	7547	-2789	7547	-2789	4963	-205	2379	2379
			87	11016	-4520	7565	-2793	7565	-2793	4975	-203	2386	2386
20	Fond.	8-3	0	13430	-4634	9287	-2755	9287	-2755	6277	255	3266	3266
			43	13530	-4705	9352	-2804	9352	-2804	6313	235	3274	3274
			87	13700	-4844	9464	-2899	9464	-2899	6374	192	3283	3283
21	Fond.	8-3	0	9912	-4291	6833	-2636	6833	-2636	4466	-269	2099	2099

RELAZIONE DI CALCOLO -

			43	10154	-4498	6993	-2775	6993	-2775	4551	-333	2109	2109
			87	10464	-4774	7199	-2960	7199	-2960	4659	-421	2119	2119
22	Fond.	4-12	0	6541	-7064	4334	-4736	4334	-4736	2067	-2468	-201	-201
			38	5861	-6420	3879	-4308	3879	-4308	1832	-2262	-215	-215
			77	5284	-5828	3635	-4094	3458	-3917	1614	-2073	-229	-229
23	Fond.	4-12	0	9649	-9849	6415	-6583	6415	-6583	3166	-3334	-84	-84
			38	9075	-9312	6031	-6227	6031	-6227	2966	-3163	-98	-98
			77	8556	-8829	5682	-5907	5682	-5907	2785	-3010	-113	-113
24	Fond.	4-12	0	11583	-12250	7684	-8206	7684	-8206	3711	-4233	-261	-261
			38	11119	-11822	7372	-7923	7372	-7923	3548	-4099	-275	-275
			77	10710	-11450	7097	-7677	7097	-7677	3403	-3983	-290	-290
25	Fond.	5-6	0	17439	-15054	11701	-9961	11701	-9961	6285	-4546	870	870
			188	19093	-16789	12800	-11121	12800	-11121	6820	-5140	840	840
			376	19786	-17547	13260	-11629	13260	-11629	7038	-5407	815	815
26	Fond.	9-5	0	7418	-6489	4966	-4305	4966	-4305	2648	-1987	331	331
			213	11834	-10930	7913	-7264	7913	-7264	4118	-3470	324	324
			425	14912	-14026	9967	-9325	9967	-9325	5144	-4502	321	321
27	Fond.	6-7	0	18099	-14661	12215	-9625	12215	-9625	6755	-4165	1295	1295
			90	18199	-14787	12280	-9710	12280	-9710	6783	-4213	1285	1285
			180	18076	-14685	12197	-9643	12197	-9643	6737	-4183	1277	1277
28	Fond.	6-10	0	12020	-6436	9306	-3721	6406	-822	4599	985	2792	2792
			36	12269	-6686	9479	-3897	6058	-476	4425	1158	2791	2791
			73	12520	-6937	9655	-4073	5742	-160	4267	1316	2791	2791
29	Fond.	6-10	0	15741	-5904	12562	-2725	10804	-967	7861	1976	4918	4918
			36	15995	-6156	12741	-2902	10520	-682	7720	2119	4919	4919
			73	16253	-6410	12922	-3080	10270	-428	7596	2247	4921	4921
30	Fond.	7-8	0	20490	-16903	13806	-11123	13806	-11123	7574	-4891	1341	1341
			198	19670	-16128	13256	-10609	13256	-10609	7290	-4643	1323	1323
			395	17792	-14272	12003	-9374	12003	-9374	6659	-4030	1315	1315
31	Fond.	7-11	0	11963	-7457	9104	-4598	5940	-1434	4096	409	2253	2253
			36	12117	-7647	9207	-4736	5576	-1105	3905	565	2235	2235
			73	12275	-7838	9312	-4874	5243	-806	3731	707	2219	2219
32	Fond.	7-11	0	16612	-7501	13068	-3957	10483	-1372	7519	1592	4556	4556
			36	16772	-7693	13176	-4096	10183	-1104	7362	1718	4540	4540
			73	16937	-7888	13286	-4237	9917	-867	7221	1829	4525	4525
33	Fond.	8-12	0	15118	-13407	10147	-8870	10147	-8870	5393	-4116	639	639
			203	12093	-10370	8128	-6847	8128	-6847	4384	-3103	641	641
			405	7853	-6104	5300	-4005	5300	-4005	2974	-1679	647	647
34	Fond.	15-9	0	6967	-6259	4676	-4142	4676	-4142	2471	-1937	267	267
			50	5972	-5255	4029	-3487	4013	-3472	2142	-1600	271	271
			100	7302	-6752	5213	-4663	3410	-2861	1843	-1293	275	275
35	Fond.	15-9	0	11069	-9424	7452	-6210	7452	-6210	4037	-2795	621	621
			50	10255	-8601	6910	-5660	6910	-5660	3768	-2517	625	625
			100	9533	-7869	6431	-5171	6431	-5171	3530	-2271	630	630
36	Fond.	15-9	0	14038	-11201	9483	-7343	9483	-7343	5277	-3136	1070	1070
			50	13411	-10563	9066	-6916	9066	-6916	5071	-2921	1075	1075
			100	12880	-10019	8714	-6553	8714	-6553	4897	-2736	1081	1081
37	Fond.	15-9	0	15928	-12107	10784	-7906	10784	-7906	6112	-3233	1439	1439
			50	15493	-11658	10496	-7605	10496	-7605	5971	-3080	1445	1445
			100	15156	-11306	10272	-7369	10272	-7369	5862	-2958	1452	1452
38	Fond.	15-9	0	16790	-12373	11382	-8059	11382	-8059	6522	-3199	1662	1662
			50	16550	-12116	11224	-7886	11224	-7886	6447	-3109	1669	1669
			100	16409	-11955	11132	-7778	11132	-7778	6404	-3050	1677	1677
39	Fond.	15-9	0	16535	-12233	11205	-7974	11205	-7974	6410	-3179	1616	1616
			50	16491	-12169	11178	-7929	11178	-7929	6401	-3152	1624	1624
			100	16546	-12200	11216	-7948	11216	-7948	6425	-3157	1634	1634
40	Fond.	15-9	0	14731	-12115	9928	-7970	9928	-7970	5453	-3495	979	979
			50	14884	-12242	10031	-8053	10031	-8053	5510	-3532	989	989
			100	15133	-12466	10199	-8200	10199	-8200	5600	-3600	1000	1000
41	Fond.	15-9	0	11495	-11738	7646	-7843	7646	-7843	3774	-3971	-99	-99
			50	11840	-12057	7878	-8054	7878	-8054	3895	-4071	-88	-88
			100	12281	-12471	8173	-8328	8173	-8328	4048	-4203	-77	-77
42	Fond.	10-11	0	7019	-5179	4735	-3397	4735	-3397	2702	-1364	669	669
			45	6913	-5068	4664	-3323	4664	-3323	2668	-1326	671	671
			90	6880	-5029	4643	-3297	4643	-3297	2658	-1312	673	673
43	Fond.	10-11	0	7076	-4814	4796	-3131	4796	-3131	2814	-1149	833	833
			45	7116	-4848	4823	-3153	4823	-3153	2829	-1159	835	835
			90	7230	-4954	4899	-3223	4899	-3223	2868	-1193	838	838
44	Fond.	10-13	0	19312	-7246	15416	-3349	13351	-1284	9692	2374	6033	6033
			47	19653	-7578	15656	-3581	13076	-1001	9557	2518	6038	6038
			94	20002	-7913	15903	-3814	12860	-771	9452	2637	6045	6045
45	Fond.	10-13	0	19368	-5360	13509	-2976	13509	-2976	9388	1146	5267	5267
			47	19130	-5095	13351	-2799	13351	-2799	9313	1239	5276	5276
			94	18979	-4912	13251	-2676	13251	-2676	9269	1305	5287	5287
46	Fond.	10-13	0	18290	-7236	12671	-4346	12671	-4346	8416	-92	4162	4162
			47	18226	-7134	12629	-4278	12629	-4278	8402	-51	4175	4175
			94	18249	-7116	12645	-4265	12645	-4265	8418	-37	4190	4190
47	Fond.	10-13	0	16137	-8071	11111	-5028	11111	-5028	7076	-993	3041	3041
			47	16247	-8136	11185	-5070	11185	-5070	7121	-1006	3058	3058
			94	16443	-8283	11317	-5167	11317	-5167	7196	-1046	3075	3075
48	Fond.	10-13	0	12797	-8116	8741	-5201	8741	-5201	5255	-1716	1770	1770
			47	13079	-8345	8929	-5353	8929	-5353	5359	-1782	1788	1788
			94	13444	-8657	9174	-5560	9174	-5560	5491	-1876	1807	1807
49	Fond.	10-13	0	8333	-7264	5609	-4790	5609	-4790	3009	-2190	409	409
			47	8782	-7658	5909	-5051	5909	-5051	3169	-2311	429	429
			94	9311	-8133	6263	-5366	6263	-5366	3356	-2459	449	449
50	Fond.	11-14	0	20108	-10130	15667	-5689	12332	-2353	8660	1318	4989	4989
			47	20328	-10385	15816	-5873	12035	-2093	8503	1439	4971	4971
			94	20557	-10645	15971	-6059	11797	-1885	8376	1535	4956	4956
51	Fond.	11-14	0	18687	-6317	12967	-3509	12967	-3509	8848	610	4729	4729
			47	18420	-6580	12786	-3356	12786	-3356	8751	680	4715	4715
			94	18240	-6846	12858	-3451	12664	-3257	8684	723	4704	4704
52	Fond.	11-14	0	18214	-7227	12601	-4359	12601	-4359	8361	-119	4121	4121
			47	18121	-7156	12537	-4315	12537	-4315	8324	-102	4111	4111
			94	18115	-7168	12530	-4325	12530	-4325	8316	-111	4102	4102

RELAZIONE DI CALCOLO -

53	Fond.	11-14	0	16541	-7529	11417	-4630	11417	-4630	7405	-618	3393	3393
			47	16621	-7624	11468	-4695	11468	-4695	7427	-654	3387	3387
			94	16788	-7801	11577	-4816	11577	-4816	7479	-717	3381	3381
54	Fond.	11-14	0	13481	-7270	9267	-4567	9267	-4567	5808	-1109	2350	2350
			47	13733	-7530	9433	-4742	9433	-4742	5889	-1199	2345	2345
			94	14070	-7872	9656	-4972	9656	-4972	5999	-1315	2342	2342
55	Fond.	11-14	0	9103	-6352	6205	-4098	6205	-4098	3629	-1522	1053	1053
			47	9523	-6775	6483	-4382	6483	-4382	3767	-1666	1051	1051
			94	10025	-7279	6816	-4720	6816	-4720	3932	-1836	1048	1048
56	Fond.	12-20	0	11993	-12618	7952	-8455	7952	-8455	3850	-4353	-252	-252
			50	11543	-12216	7649	-8190	7649	-8190	3689	-4231	-271	-271
			100	11189	-11910	7410	-7989	7410	-7989	3560	-4139	-290	-290
57	Fond.	12-20	0	14803	-12618	9947	-8333	9947	-8333	5377	-3763	807	807
			50	14544	-12407	9772	-8195	9772	-8195	5280	-3704	788	788
			100	14382	-12292	9661	-8122	9661	-8122	5215	-3676	770	770
58	Fond.	12-20	0	16247	-12332	10989	-8064	10989	-8064	6225	-3301	1462	1462
			50	16183	-12313	10942	-8054	10942	-8054	6193	-3305	1444	1444
			100	16216	-12390	10962	-8109	10962	-8109	6194	-3341	1427	1427
59	Fond.	12-20	0	16217	-12021	10985	-7840	10985	-7840	6279	-3134	1573	1573
			50	16349	-12194	11070	-7958	11070	-7958	6313	-3201	1556	1556
			100	16578	-12463	11220	-8141	11220	-8141	6380	-3301	1540	1540
60	Fond.	12-20	0	15090	-11287	10221	-7364	10221	-7364	5825	-2967	1429	1429
			50	15417	-11652	10436	-7610	10436	-7610	5925	-3098	1413	1413
			100	15842	-12113	10717	-7920	10717	-7920	6058	-3261	1398	1398
61	Fond.	12-20	0	12933	-9909	8752	-6475	8752	-6475	4946	-2668	1139	1139
			50	13454	-10465	9097	-6849	9097	-6849	5111	-2862	1124	1124
			100	14070	-11115	9506	-7285	9506	-7285	5308	-3087	1111	1111
62	Fond.	12-20	0	9685	-7677	6546	-5029	6546	-5029	3652	-2135	759	759
			50	10396	-8420	7017	-5527	7017	-5527	3881	-2391	745	745
			100	11200	-9256	7551	-6087	7551	-6087	4142	-2677	732	732
63	Fond.	12-20	0	6850	-5952	4946	-4048	3573	-2676	2011	-1113	449	449
			50	6173	-5023	4168	-3296	4168	-3296	2302	-1430	436	436
			100	7158	-6039	4822	-3976	4822	-3976	2623	-1776	423	423
64	Fond.	13-14	0	15320	-16541	10167	-11073	10167	-11073	4857	-5763	-453	-453
			90	15401	-16684	10218	-11172	10218	-11172	4871	-5824	-477	-477
			180	15254	-16601	10117	-11119	10117	-11119	4808	-5810	-501	-501
65	Fond.	13-21	0	4922	-4822	3317	-3220	3296	-3199	1672	-1575	48	48
			45	5503	-5350	3685	-3550	3685	-3550	1876	-1742	67	67
			90	6157	-5951	4122	-3950	4122	-3950	2104	-1932	86	86
66	Fond.	14-22	0	4889	-4808	3271	-3194	3271	-3194	1655	-1578	39	39
			45	5444	-5365	3639	-3566	3639	-3566	1838	-1765	36	36
			90	6071	-5993	4056	-3987	4056	-3987	2045	-1976	34	34
67	Fond.	15-16	0	4390	-3955	2940	-2623	2940	-2623	1549	-1232	158	158
			48	3593	-3280	2576	-2263	2199	-1886	1178	-865	156	156
			95	4329	-4019	3090	-2781	1511	-1202	833	-523	155	155
68	Fond.	15-16	0	3001	-3223	2084	-2306	1860	-2081	875	-1096	-111	-111
			48	3618	-3843	2519	-2744	1224	-1449	556	-781	-112	-112
			95	4344	-4572	3026	-3254	640	-868	263	-491	-114	-114
69	Fond.	15-16	0	5168	-8625	3284	-5912	3284	-5912	985	-3613	-1314	-1314
			45	5925	-9386	3788	-6420	3788	-6420	1236	-3868	-1316	-1316
			90	6618	-10086	4250	-6886	4250	-6886	1466	-4102	-1318	-1318
70	Fond.	15-16	0	6575	-10107	4219	-6902	4219	-6902	1439	-4122	-1342	-1342
			45	7206	-10744	4639	-7328	4639	-7328	1647	-4336	-1345	-1345
			90	7774	-11321	5017	-7713	5017	-7713	1834	-4530	-1348	-1348
71	Fond.	15-16	0	4214	-4093	2989	-2868	614	-493	338	-216	61	61
			39	4812	-4697	3406	-3290	359	-203	188	-73	58	58
			77	5414	-5305	3825	-3716	200	53	55	54	55	55
72	Fond.	15-16	0	4694	-2553	3202	-1629	3202	-1629	1995	-421	787	787
			39	4353	-2693	3233	-1666	2974	-1407	1879	-312	784	784
			77	4864	-3302	3654	-2092	2781	-1219	1781	-219	781	781
73	Fond.	15-16	0	5159	-2947	3516	-1888	3516	-1888	2165	-537	814	814
			39	4922	-2717	3358	-1735	3358	-1735	2085	-461	812	812
			77	4739	-2540	3236	-1617	3236	-1617	2023	-404	810	810
74	Fond.	15-16	0	3412	-2543	2419	-1671	2306	-1558	1340	-592	374	374
			39	3280	-2257	2218	-1474	2218	-1474	1295	-551	372	372
			77	3201	-2223	2188	-1448	2164	-1425	1267	-528	370	370
75	Fond.	16-21	0	3251	-3433	2253	-2435	337	-519	123	-305	-91	-91
			30	2932	-3118	2028	-2214	319	-504	113	-299	-93	-93
			60	2614	-2803	1804	-1993	321	-510	114	-302	-94	-94
76	Fond.	16-21	0	4338	-4996	2945	-3603	1249	-1907	460	-1118	-329	-329
			30	3707	-4368	2502	-3163	1223	-1884	446	-1107	-330	-330
			60	3076	-3741	2060	-2725	1178	-1842	423	-1087	-332	-332
77	Fond.	17-20	0	5682	-2757	4419	-1494	3393	-468	2428	497	1463	1463
			40	6011	-3110	4648	-1746	3436	-535	2443	458	1451	1451
			80	6343	-3465	4878	-1999	3516	-638	2478	400	1439	1439
78	Fond.	17-20	0	6747	-2648	5342	-1243	4679	-580	3364	735	2049	2049
			40	6950	-2874	5480	-1404	4797	-720	3418	659	2038	2038
			80	7285	-3230	5713	-1658	4953	-898	3490	565	2028	2028
79	Fond.	17-20	0	7537	-3565	5879	-1906	4226	-254	3106	866	1986	1986
			40	7457	-3504	5819	-1867	4421	-468	3198	754	1976	1976
			80	7443	-3509	5804	-1870	4653	-719	3310	624	1967	1967
80	Fond.	17-20	0	7258	-5460	5361	-3563	1113	712	992	806	899	899
			40	7140	-5360	5276	-3496	1355	425	1123	657	890	890
			80	7068	-5305	5223	-3460	1661	101	1271	491	881	881
81	Fond.	17-20	0	8080	-10708	5276	-7249	5276	-7249	2145	-4118	-987	-987
			45	7475	-10127	4871	-6864	4871	-6864	1937	-3930	-996	-996
			90	6806	-9486	4452	-6465	4424	-6437	1709	-3722	-1007	-1007
82	Fond.	17-20	0	6881	-9437	4503	-6423	4479	-6400	1760	-3680	-960	-960
			45	6766	-8734	4461	-6402	3991	-5932	1510	-3451	-971	-971
			90	6723	-8686	4426	-6389	3460	-5423	1239	-3202	-982	-982
83	Fond.	17-20	0	5466	-5133	3889	-3555	885	-552	526	-193	167	167
			45	5360	-5048	3812	-3500	1432	-1121	794	-482	156	156
			89	5316	-5026	3777	-3487	2025	-1735	1085	-795	145	145
84	Fond.	17-20	0	5035	-4335	3647	-2946	1628	-928	989	-289	350	350
			45	4271	-3592	3109	-2430	2266	-1588	1303	-624	339	339

RELAZIONE DI CALCOLO -

85	Fond.	22-17	0	4367	-3498	2951	-2293	2951	-2293	1640	-982	329	329
			30	5816	-5507	4137	-3827	1640	-1331	897	-588	155	155
			60	6406	-6116	4547	-4257	1674	-1383	909	-619	145	145
			0	7026	-6755	4979	-4707	1688	-1416	912	-640	136	136
86	Fond.	22-17	0	4930	-3382	3697	-2149	1250	298	1012	536	774	774
			30	5496	-3967	4090	-2561	1237	292	1001	528	765	765
			60	6118	-4608	4523	-3012	1245	266	1000	511	755	755
87	Piano 1	2-18	0	18615	-14740	12468	-9769	12468	-9769	6909	-4209	1350	1350
			188	18615	-14740	12468	-9769	12468	-9769	6909	-4209	1350	1350
			375	18615	-14740	12468	-9769	12468	-9769	6909	-4209	1350	1350
88	Piano 1	19-3	0	18366	-14977	12277	-9952	12277	-9952	6719	-4395	1162	1162
			187	18366	-14977	12277	-9952	12277	-9952	6719	-4395	1162	1162
			374	18366	-14977	12277	-9952	12277	-9952	6719	-4395	1162	1162
89	Piano 1	5-6	0	1865	-773	1286	-473	1286	-473	846	-33	407	407
			188	1865	-773	1286	-473	1286	-473	846	-33	407	407
			376	1865	-773	1286	-473	1286	-473	846	-33	407	407
90	Piano 1	9-5	0	1721	-210	1204	-83	1204	-83	882	239	561	561
			213	1721	-210	1204	-83	1204	-83	882	239	561	561
			425	1721	-210	1204	-83	1204	-83	882	239	561	561
91	Piano 1	6-7	0	2169	-1302	1482	-832	1482	-832	904	-253	325	325
			90	2169	-1302	1482	-832	1482	-832	904	-253	325	325
			180	2169	-1302	1482	-832	1482	-832	904	-253	325	325
92	Piano 1	6-18	0	473	-362	321	-236	321	-236	182	-97	42	42
			115	473	-362	321	-236	321	-236	182	-97	42	42
			230	473	-362	321	-236	321	-236	182	-97	42	42
93	Piano 1	7-8	0	1641	-824	1122	-522	1122	-522	711	-111	300	300
			198	1641	-824	1122	-522	1122	-522	711	-111	300	300
			395	1641	-824	1122	-522	1122	-522	711	-111	300	300
94	Piano 1	7-19	0	599	-241	420	-140	420	-140	280	0	140	140
			115	599	-241	420	-140	420	-140	280	0	140	140
			230	599	-241	420	-140	420	-140	280	0	140	140
95	Piano 1	8-12	0	1611	-274	1123	-134	1123	-134	808	180	494	494
			203	1611	-274	1123	-134	1123	-134	808	180	494	494
			405	1611	-274	1123	-134	1123	-134	808	180	494	494
96	Piano 1	18-19	0	17779	-14406	11883	-9574	11883	-9574	6519	-4210	1155	1155
			90	17779	-14406	11883	-9574	11883	-9574	6519	-4210	1155	1155
			180	17779	-14406	11883	-9574	11883	-9574	6519	-4210	1155	1155
97	Piano 2	2-18	0	888	-770	497	-5275	497	-5275	-850	-3543	-2196	-2196
			188	888	-770	497	-5275	497	-5275	-850	-3543	-2196	-2196
			375	888	-770	497	-5275	497	-5275	-850	-3543	-2196	-2196
98	Piano 2	19-3	0	-197	-8972	-343	-6193	-343	-6193	-1715	-4460	-3088	-3088
			187	-197	-8972	-343	-6193	-343	-6193	-1715	-4460	-3088	-3088
			374	-197	-8972	-343	-6193	-343	-6193	-1715	-4460	-3088	-3088
99	Piano 2	5-6	0	-305	-1897	-294	-1355	-294	-1355	-559	-1090	-825	-825
			188	-305	-1897	-294	-1355	-294	-1355	-559	-1090	-825	-825
			376	-305	-1897	-294	-1355	-294	-1355	-559	-1090	-825	-825
100	Piano 2	9-5	0	78	-1244	-2	-884	-2	-884	-222	-663	-443	-443
			213	78	-1244	-2	-884	-2	-884	-222	-663	-443	-443
			425	78	-1244	-2	-884	-2	-884	-222	-663	-443	-443
101	Piano 2	6-7	0	-646	-2223	-529	-1581	-529	-1581	-774	-1263	-1018	-1018
			90	-646	-2223	-529	-1581	-529	-1581	-774	-1263	-1018	-1018
			180	-646	-2223	-529	-1581	-529	-1581	-774	-1263	-1018	-1018
102	Piano 2	6-18	0	-373	-851	-296	-614	-296	-614	-369	-515	-442	-442
			115	-373	-851	-296	-614	-296	-614	-369	-515	-442	-442
			230	-373	-851	-296	-614	-296	-614	-369	-515	-442	-442
103	Piano 2	7-8	0	3252	1381	2295	1155	2295	1155	1494	1268	1381	1381
			198	3252	1381	2295	1155	2295	1155	1494	1268	1381	1381
			395	3252	1381	2295	1155	2295	1155	1494	1268	1381	1381
104	Piano 2	7-19	0	700	116	530	140	530	140	451	293	372	372
			115	700	116	530	140	530	140	451	293	372	372
			230	700	116	530	140	530	140	451	293	372	372
105	Piano 2	8-12	0	5569	2739	3985	2498	3985	2498	2859	2619	2739	2739
			203	5569	2739	3985	2498	3985	2498	2859	2619	2739	2739
			405	5569	2739	3985	2498	3985	2498	2859	2619	2739	2739
106	Piano 2	13-16	0	-357	-1006	-348	-709	-348	-709	-353	-361	-357	-357
			75	-357	-1006	-348	-709	-348	-709	-353	-361	-357	-357
			150	-357	-1006	-348	-709	-348	-709	-353	-361	-357	-357
107	Piano 2	17-14	0	926	521	679	409	679	409	588	469	529	529
			75	926	521	679	409	679	409	588	469	529	529
			150	926	521	679	409	679	409	588	469	529	529
108	Piano 2	18-19	0	741	-8199	331	-5629	331	-5629	-1123	-4031	-2577	-2577
			90	741	-8199	331	-5629	331	-5629	-1123	-4031	-2577	-2577
			180	741	-8199	331	-5629	331	-5629	-1123	-4031	-2577	-2577
109	Piano 3	5-6	0	-374	-739	-310	-532	-310	-532	-342	-407	-374	-374
			188	-374	-739	-310	-532	-310	-532	-342	-407	-374	-374
			376	-374	-739	-310	-532	-310	-532	-342	-407	-374	-374
110	Piano 3	9-5	0	-558	-1044	-499	-757	-499	-757	-528	-588	-558	-558
			213	-558	-1044	-499	-757	-499	-757	-528	-588	-558	-558
			425	-558	-1044	-499	-757	-499	-757	-528	-588	-558	-558
111	Piano 3	8-7	0	-2046	-4428	-1760	-3146	-1760	-3146	-1903	-2190	-2046	-2046
			198	-2046	-4428	-1760	-3146	-1760	-3146	-1903	-2190	-2046	-2046
			395	-2046	-4428	-1760	-3146	-1760	-3146	-1903	-2190	-2046	-2046
112	Piano 3	8-12	0	-3213	-6296	-3047	-4516	-3047	-4516	-3130	-3295	-3213	-3213
			203	-3213	-6296	-3047	-4516	-3047	-4516	-3130	-3295	-3213	-3213
			405	-3213	-6296	-3047	-4516	-3047	-4516	-3130	-3295	-3213	-3213
113	Piano 3	13-16	0	15622	-14119	11186	-9684	1315	734	760	742	751	751
			78	15304	-14438	10868	-10002	841	415	442	424	433	433
			155	14985	-14756	10550	-10320	366	97	123	106	115	115
114	Piano 3	14-17	0	7094	-6783	5029	-4717	218	94	187	125	156	156
			76	7216	-6660	5151	-4595	363	216	309	247	278	278
			151	7338	-6538	5273	-4473	531	338	431	369	400	400

4.2.3 Involuppi dei diagrammi delle sollecitazioni: Momento Torcente.

RELAZIONE DI CALCOLO -

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

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

Tabella 22.I

				Momento Torcente (Mt) [daNm]									
				SLV		SLD		Caratteristiche		SLE		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	Fond.	1-2	0	418	-1321	160	-1062	-407	-519	-429	-473	-451	-451
			20	418	-1321	160	-1062	-407	-519	-429	-473	-451	-451
			40	418	-1321	160	-1062	-407	-519	-429	-473	-451	-451
2	Fond.	1-2	0	329	-1305	86	-1062	-419	-576	-453	-522	-488	-488
			28	329	-1305	86	-1062	-419	-576	-453	-522	-488	-488
			55	329	-1305	86	-1062	-419	-576	-453	-522	-488	-488
3	Fond.	1-2	0	329	-1305	86	-1062	-419	-576	-453	-522	-488	-488
			28	329	-1305	86	-1062	-419	-576	-453	-522	-488	-488
			55	329	-1305	86	-1062	-419	-576	-453	-522	-488	-488
4	Fond.	1-2	0	236	-1242	17	-1022	-439	-590	-471	-534	-503	-503
			46	237	-1242	17	-1022	-439	-590	-471	-534	-503	-503
			91	237	-1242	17	-1023	-439	-590	-471	-534	-503	-503
5	Fond.	1-2	0	-13	-989	-157	-845	-412	-600	-456	-545	-501	-501
			46	-13	-989	-157	-845	-412	-600	-456	-545	-501	-501
			91	-13	-989	-157	-845	-412	-600	-456	-545	-501	-501
6	Fond.	1-2	0	-119	-929	-219	-699	-242	-676	-350	-567	-459	-459
			46	-119	-929	-219	-699	-242	-676	-350	-567	-459	-459
			91	-119	-929	-219	-699	-242	-676	-350	-567	-459	-459
7	Fond.	9-1	0	2868	1223	2237	1400	2123	1769	1843	1794	1819	1819
			38	2868	1223	2237	1400	2123	1769	1843	1794	1819	1819
			77	2868	1223	2237	1400	2123	1769	1843	1794	1819	1819
8	Fond.	9-1	0	2784	564	2457	891	1990	1596	1713	1635	1674	1674
			38	2784	564	2457	891	1990	1596	1713	1635	1674	1674
			77	2784	564	2457	891	1990	1596	1713	1635	1674	1674
9	Fond.	9-1	0	3069	-47	2612	411	1905	1267	1633	1389	1511	1511
			38	3069	-47	2612	410	1905	1267	1633	1389	1511	1511
			77	3069	-47	2612	411	1905	1267	1633	1389	1511	1511
10	Fond.	2-5	0	1308	-1051	960	-703	380	-123	254	3	129	129
			43	1308	-1051	960	-703	380	-123	254	3	129	129
			87	1308	-1051	960	-703	380	-123	254	3	129	129
11	Fond.	2-5	0	1751	-1646	1251	-1145	298	-193	175	-70	53	53
			43	1751	-1646	1251	-1145	298	-193	175	-70	53	53
			87	1751	-1646	1251	-1145	298	-193	175	-70	53	53
12	Fond.	2-5	0	2614	-2598	1847	-1831	346	-330	177	-161	8	8
			43	2614	-2598	1847	-1831	346	-330	177	-161	8	8
			87	2614	-2598	1846	-1831	346	-330	177	-161	8	8
13	Fond.	3-4	0	904	85	673	187	659	200	544	315	430	430
			45	904	85	673	187	659	200	544	315	430	430
			90	904	85	673	187	659	200	544	315	430	430
14	Fond.	3-4	0	982	-29	832	121	581	372	529	424	477	477
			45	982	-29	832	121	581	372	529	424	477	477
			90	982	-29	832	121	581	372	529	424	477	477
15	Fond.	3-4	0	1272	-307	1038	-73	560	405	521	444	482	482
			45	1272	-307	1038	-73	560	405	521	444	482	482
			90	1272	-307	1038	-73	560	405	521	444	483	483
16	Fond.	3-4	0	1356	-421	1092	-157	550	385	509	427	468	468
			28	1356	-421	1092	-157	550	385	509	427	468	468
			55	1356	-421	1092	-157	550	385	509	427	468	468
17	Fond.	3-4	0	1356	-421	1092	-157	550	385	509	427	468	468
			28	1356	-421	1092	-157	550	385	509	427	468	468
			55	1356	-421	1092	-157	550	385	509	427	468	468
18	Fond.	3-4	0	1373	-504	1094	-225	470	399	452	417	434	434
			22	1373	-504	1094	-225	470	399	452	417	434	434
			44	1373	-504	1094	-225	470	399	452	417	434	434
19	Fond.	8-3	0	3095	-3221	2167	-2293	323	-449	130	-256	-63	-63
			43	3095	-3221	2167	-2293	323	-449	130	-256	-63	-63
			87	3095	-3221	2167	-2293	323	-449	130	-256	-63	-63
20	Fond.	8-3	0	2185	-2366	1516	-1697	193	-374	51	-232	-91	-91
			43	2185	-2366	1516	-1697	193	-374	51	-232	-91	-91
			87	2185	-2366	1516	-1697	193	-374	51	-232	-91	-91
21	Fond.	8-3	0	1584	-1924	1067	-1408	107	-447	-32	-309	-170	-170
			43	1584	-1924	1067	-1408	107	-447	-32	-309	-170	-170
			87	1584	-1924	1067	-1408	107	-447	-32	-309	-170	-170
22	Fond.	4-12	0	-219	-2546	-561	-2204	-1159	-1715	-1271	-1494	-1382	-1382
			38	-219	-2546	-561	-2204	-1159	-1715	-1271	-1494	-1383	-1383
			77	-219	-2546	-561	-2204	-1159	-1715	-1271	-1494	-1383	-1383
23	Fond.	4-12	0	-619	-2432	-887	-2164	-1471	-1777	-1498	-1553	-1526	-1526
			38	-619	-2432	-887	-2164	-1471	-1777	-1498	-1553	-1526	-1526
			77	-619	-2432	-887	-2164	-1471	-1777	-1498	-1553	-1526	-1526
24	Fond.	4-12	0	-1027	-2583	-1213	-2085	-1576	-1916	-1612	-1685	-1649	-1649

RELAZIONE DI CALCOLO -

			38	-1027	-2583	-1213	-2085	-1576	-1916	-1612	-1685	-1649	-1649
			77	-1027	-2583	-1213	-2085	-1576	-1916	-1612	-1685	-1649	-1649
25	Fond.	5-6	0	1909	384	1682	611	1331	1001	1219	1074	1147	1147
			188	1908	385	1682	611	1330	1001	1219	1074	1146	1146
			376	1908	385	1682	611	1330	1001	1219	1074	1146	1146
26	Fond.	9-5	0	-207	-1559	-408	-1358	-768	-1081	-825	-940	-883	-883
			213	-206	-1559	-407	-1358	-768	-1081	-825	-940	-883	-883
			425	-206	-1560	-407	-1359	-768	-1081	-825	-941	-883	-883
27	Fond.	6-7	0	2057	-1555	1525	-1023	268	249	252	250	251	251
			90	2057	-1554	1525	-1022	268	249	252	250	251	251
			180	2057	-1555	1525	-1022	268	249	252	250	251	251
28	Fond.	6-10	0	2933	-1576	2268	-911	1002	400	818	539	678	678
			36	2933	-1576	2268	-911	1001	400	818	539	678	678
			73	2933	-1576	2268	-911	1001	400	818	539	678	678
29	Fond.	6-10	0	2060	-846	1630	-417	825	489	666	548	607	607
			36	2060	-846	1630	-417	825	489	666	548	607	607
			73	2060	-846	1630	-417	825	489	666	548	607	607
30	Fond.	7-8	0	127	-1573	-125	-1321	-566	-893	-644	-802	-723	-723
			198	127	-1573	-125	-1321	-566	-893	-644	-802	-723	-723
			395	127	-1574	-125	-1321	-566	-893	-644	-802	-723	-723
31	Fond.	7-11	0	1979	-4377	1044	-3442	-932	-1551	-1065	-1333	-1199	-1199
			36	1979	-4377	1044	-3442	-932	-1551	-1065	-1333	-1199	-1199
			73	1979	-4377	1044	-3442	-932	-1551	-1065	-1333	-1199	-1199
32	Fond.	7-11	0	1177	-3336	513	-2672	-973	-1318	-1026	-1132	-1079	-1079
			36	1177	-3336	513	-2672	-973	-1318	-1026	-1132	-1079	-1079
			73	1177	-3336	513	-2672	-973	-1318	-1026	-1132	-1079	-1079
33	Fond.	8-12	0	1691	97	1454	334	1083	753	964	823	894	894
			203	1690	97	1454	334	1083	753	964	823	894	894
			405	1690	97	1454	334	1083	753	964	823	894	894
34	Fond.	15-9	0	890	-1227	576	-913	256	-593	44	-381	-169	-169
			50	890	-1227	576	-913	256	-593	44	-381	-169	-169
			100	890	-1228	576	-913	256	-593	44	-381	-169	-169
35	Fond.	15-9	0	779	-1187	488	-896	91	-499	-57	-352	-204	-204
			50	779	-1187	488	-897	91	-499	-57	-352	-204	-204
			100	779	-1187	488	-897	91	-499	-57	-352	-204	-204
36	Fond.	15-9	0	534	-1028	304	-798	-17	-477	-132	-362	-247	-247
			50	534	-1028	304	-798	-17	-477	-132	-362	-247	-247
			100	534	-1028	304	-798	-17	-477	-132	-362	-247	-247
37	Fond.	15-9	0	209	-808	59	-658	-192	-407	-246	-353	-300	-300
			50	209	-808	59	-658	-192	-407	-246	-353	-300	-300
			100	209	-808	59	-658	-192	-407	-246	-353	-300	-300
38	Fond.	15-9	0	-114	-648	-194	-568	-350	-422	-365	-397	-381	-381
			50	-114	-648	-194	-568	-350	-422	-365	-397	-381	-381
			100	-114	-648	-194	-568	-350	-422	-365	-397	-381	-381
39	Fond.	15-9	0	-8	-944	-147	-805	-289	-664	-382	-570	-476	-476
			50	-8	-944	-148	-805	-289	-664	-382	-570	-476	-476
			100	-8	-944	-148	-805	-289	-664	-383	-570	-476	-476
40	Fond.	15-9	0	339	-1583	55	-1300	-282	-963	-452	-792	-622	-622
			50	339	-1583	55	-1300	-282	-963	-452	-793	-622	-622
			100	338	-1583	55	-1300	-282	-963	-452	-793	-622	-622
41	Fond.	15-9	0	767	-2406	301	-1940	-395	-1244	-607	-1032	-819	-819
			50	767	-2406	301	-1940	-395	-1244	-607	-1032	-819	-819
			100	767	-2406	301	-1940	-395	-1244	-607	-1032	-819	-819
42	Fond.	10-11	0	933	-480	723	-270	281	172	254	199	227	227
			45	933	-480	723	-270	281	172	254	199	227	227
			90	933	-480	723	-270	281	172	254	199	227	227
43	Fond.	10-11	0	969	-467	756	-254	302	200	276	226	251	251
			45	969	-467	756	-254	302	200	276	226	251	251
			90	969	-467	756	-254	302	200	276	226	251	251
44	Fond.	10-13	0	265	-235	192	-162	89	-36	40	-10	15	15
			47	265	-235	192	-162	89	-36	40	-10	15	15
			94	265	-235	192	-162	89	-36	40	-10	15	15
45	Fond.	10-13	0	200	-290	124	-203	124	-203	42	-121	-39	-39
			47	200	-290	124	-203	124	-203	42	-121	-39	-39
			94	200	-290	124	-203	124	-203	42	-121	-39	-39
46	Fond.	10-13	0	279	-417	175	-313	94	-232	12	-151	-69	-69
			47	279	-417	175	-313	94	-232	12	-151	-69	-69
			94	279	-417	175	-313	94	-232	12	-151	-69	-69
47	Fond.	10-13	0	499	-698	321	-520	67	-266	-16	-183	-99	-99
			47	499	-698	321	-520	67	-266	-16	-183	-99	-99
			94	499	-698	321	-519	67	-266	-16	-183	-99	-99
48	Fond.	10-13	0	691	-966	443	-718	-34	-242	-86	-190	-138	-138
			47	691	-966	443	-718	-34	-242	-86	-190	-138	-138
			94	691	-966	443	-718	-34	-242	-86	-190	-138	-138
49	Fond.	10-13	0	757	-1149	471	-863	-153	-227	-181	-211	-196	-196
			47	757	-1149	471	-863	-153	-227	-181	-211	-196	-196
			94	757	-1149	471	-863	-153	-227	-181	-211	-196	-196
50	Fond.	11-14	0	-23	-699	-123	-600	-309	-426	-335	-387	-361	-361
			47	-23	-699	-123	-600	-309	-426	-335	-387	-361	-361
			94	-23	-699	-123	-600	-309	-426	-335	-387	-361	-361
51	Fond.	11-14	0	-229	-719	-198	-524	-198	-524	-279	-443	-361	-361
			47	-229	-719	-198	-524	-198	-524	-279	-443	-361	-361
			94	-229	-719	-198	-524	-198	-524	-279	-443	-361	-361
52	Fond.	11-14	0	-57	-747	-155	-615	-223	-546	-304	-466	-385	-385
			47	-57	-747	-155	-615	-223	-546	-304	-466	-385	-385
			94	-57	-747	-155	-615	-223	-546	-304	-466	-385	-385
53	Fond.	11-14	0	190	-993	14	-816	-237	-565	-319	-483	-401	-401
			47	190	-992	14	-816	-237	-565	-319	-483	-401	-401
			94	190	-992	14	-816	-237	-565	-319	-483	-401	-401
54	Fond.	11-14	0	425	-1251	175	-1000	-313	-512	-363	-462	-413	-413
			47	425	-1251	175	-1000	-313	-512	-363	-462	-413	-413
			94	425	-1251	175	-1000	-313	-512	-363	-462	-413	-413
55	Fond.	11-14	0	561	-1395	268	-1102	-382	-453	-399	-435	-417	-417
			47	561	-1395	268	-1102	-382	-453	-399	-435	-417	-417
			94	561	-1395	267	-1102	-382	-453	-399	-435	-417	-417

RELAZIONE DI CALCOLO -

56	Fond.	12-20	0	1552	-388	1266	-102	1000	164	791	373	582	582
			50	1552	-388	1266	-102	1000	164	791	373	582	582
			100	1552	-388	1266	-102	1000	164	791	373	582	582
57	Fond.	12-20	0	1025	-126	767	30	733	65	566	232	399	399
			50	1025	-127	767	30	733	65	566	232	399	399
			100	1025	-127	767	30	733	64	566	232	399	399
58	Fond.	12-20	0	608	-89	497	14	437	75	346	165	256	256
			50	608	-89	497	14	437	75	346	165	256	256
			100	608	-89	497	14	437	75	346	165	256	256
59	Fond.	12-20	0	627	-308	488	-169	193	135	171	147	159	159
			50	627	-308	488	-169	193	135	171	147	159	159
			100	626	-308	487	-169	193	135	171	147	159	159
60	Fond.	12-20	0	825	-664	606	-445	196	-35	138	23	80	80
			50	825	-664	606	-445	196	-35	138	23	80	80
			100	824	-664	606	-445	196	-35	138	23	80	80
61	Fond.	12-20	0	1013	-945	725	-658	273	-206	154	-86	34	34
			50	1013	-945	725	-658	273	-206	154	-86	34	34
			100	1013	-945	725	-658	273	-206	153	-86	34	34
62	Fond.	12-20	0	1167	-1166	823	-822	306	-305	153	-152	0	0
			50	1167	-1166	823	-822	306	-305	153	-152	0	0
			100	1167	-1166	823	-822	306	-305	153	-152	0	0
63	Fond.	12-20	0	1216	-1253	850	-887	415	-452	198	-235	-18	-18
			50	1216	-1253	850	-887	415	-452	198	-235	-19	-19
			100	1216	-1253	850	-887	415	-452	198	-235	-19	-19
64	Fond.	13-14	0	837	-386	653	-203	229	214	227	223	225	225
			90	837	-386	653	-203	229	214	227	223	225	225
			180	837	-386	653	-203	229	214	227	223	225	225
65	Fond.	13-21	0	3336	-1136	2671	-471	1723	477	1411	789	1100	1100
			45	3336	-1136	2671	-471	1723	477	1411	789	1100	1100
			90	3336	-1136	2671	-471	1723	477	1411	789	1100	1100
66	Fond.	14-22	0	2177	-1961	1563	-1347	722	-506	415	-199	108	108
			45	2177	-1961	1563	-1347	722	-506	415	-199	108	108
			90	2177	-1961	1563	-1347	722	-506	415	-199	108	108
67	Fond.	15-16	0	850	-1081	561	-792	236	-468	60	-292	-116	-116
			48	850	-1081	561	-792	236	-468	60	-292	-116	-116
			95	850	-1081	561	-792	236	-468	60	-292	-116	-116
68	Fond.	15-16	0	521	-724	334	-538	73	-276	-14	-189	-102	-102
			48	521	-724	334	-538	73	-276	-14	-189	-102	-102
			95	521	-724	334	-538	73	-276	-14	-189	-102	-102
69	Fond.	15-16	0	300	-497	181	-378	18	-227	-40	-157	-98	-98
			45	300	-497	181	-378	18	-227	-40	-157	-98	-98
			90	300	-497	181	-378	18	-227	-40	-157	-98	-98
70	Fond.	15-16	0	300	-497	181	-378	18	-227	-40	-157	-98	-98
			45	300	-497	181	-378	18	-227	-40	-157	-98	-98
			90	300	-497	181	-378	18	-227	-40	-157	-98	-98
71	Fond.	15-16	0	160	-350	84	-274	6	-214	-44	-146	-95	-95
			39	160	-350	84	-274	6	-214	-44	-146	-95	-95
			77	160	-350	84	-274	6	-214	-44	-146	-95	-95
72	Fond.	15-16	0	250	-423	150	-323	-76	-150	-81	-92	-86	-86
			39	250	-422	150	-323	-75	-150	-81	-92	-86	-86
			77	250	-422	150	-323	-75	-150	-81	-92	-86	-86
73	Fond.	15-16	0	655	-802	438	-585	-9	-167	-41	-106	-73	-73
			39	655	-802	438	-585	-9	-167	-41	-106	-73	-73
			77	655	-802	438	-585	-9	-167	-41	-106	-73	-73
74	Fond.	15-16	0	942	-1052	645	-755	51	-168	-2	-108	-55	-55
			39	942	-1052	645	-755	51	-168	-2	-108	-55	-55
			77	942	-1052	645	-755	51	-168	-2	-108	-55	-55
75	Fond.	16-21	0	1111	-1166	772	-827	91	-146	32	-87	-28	-28
			30	1111	-1166	772	-827	91	-146	32	-87	-28	-28
			60	1111	-1166	772	-827	91	-146	32	-87	-28	-28
76	Fond.	16-21	0	1231	-1203	869	-841	266	-238	140	-112	14	14
			30	1231	-1203	869	-841	266	-238	140	-112	14	14
			60	1231	-1203	869	-841	266	-238	140	-112	14	14
77	Fond.	17-20	0	1133	-715	858	-439	319	106	261	158	209	209
			40	1133	-715	858	-439	319	106	261	158	209	209
			80	1133	-715	858	-439	319	106	261	158	209	209
78	Fond.	17-20	0	892	-411	698	-217	329	181	270	211	240	240
			40	892	-411	698	-217	329	181	270	211	240	240
			80	892	-411	698	-217	329	181	270	211	240	240
79	Fond.	17-20	0	537	-6	456	74	331	248	274	257	265	265
			40	537	-6	456	74	331	248	274	257	265	265
			80	537	-6	456	74	331	248	274	257	265	265
80	Fond.	17-20	0	561	31	458	106	405	170	338	226	282	282
			40	561	31	458	106	405	170	338	226	282	282
			80	561	31	458	106	405	170	338	226	282	282
81	Fond.	17-20	0	698	-129	574	-5	417	158	348	222	285	285
			45	698	-128	574	-5	417	158	348	222	285	285
			90	698	-128	574	-5	417	158	348	222	285	285
82	Fond.	17-20	0	698	-128	574	-5	417	158	348	222	285	285
			45	698	-128	574	-5	417	158	348	222	285	285
			90	698	-128	574	-5	417	158	348	222	285	285
83	Fond.	17-20	0	888	-338	705	-155	461	90	368	182	275	275
			45	888	-338	705	-155	461	90	368	182	275	275
			89	888	-338	705	-154	461	90	368	182	275	275
84	Fond.	17-20	0	1206	-672	925	-391	627	-93	447	87	267	267
			45	1206	-672	925	-391	627	-93	447	87	267	267
			89	1206	-672	925	-391	627	-93	447	87	267	267
85	Fond.	22-17	0	1324	-1049	970	-696	385	-111	261	13	137	137
			30	1324	-1049	970	-696	385	-111	261	13	137	137
			60	1324	-1049	970	-696	385	-111	261	13	137	137
86	Fond.	22-17	0	1256	-903	934	-582	292	61	234	119	176	176
			30	1256	-903	934	-582	292	61	234	119	176	176
			60	1256	-903	934	-582	292	61	234	119	176	176
87	Piano I	2-18	0	-1020	-2196	-1075	-1579	-1155	-1579	-1180	-1228	-1204	-1204
			188	-1020	-2196	-1075	-1579	-1155	-1579	-1180	-1228	-1204	-1204

RELAZIONE DI CALCOLO -

			375	-1020	-2196	-1075	-1579	-1155	-1579	-1180	-1228	-1204	-1204
88	Piano 1	19-3	0	2240	1081	1615	1130	1615	1198	1271	1222	1247	1247
			187	2240	1081	1615	1130	1615	1198	1271	1222	1247	1247
			374	2240	1081	1615	1130	1615	1198	1271	1222	1247	1247
89	Piano 1	5-6	0	124	-36	100	-12	76	12	60	28	44	44
			188	124	-36	100	-12	76	12	60	28	44	44
			376	124	-36	100	-12	76	12	60	28	44	44
90	Piano 1	9-5	0	-89	-285	-107	-203	-147	-203	-149	-153	-151	-151
			213	-89	-285	-107	-203	-147	-203	-149	-153	-151	-151
			425	-89	-285	-107	-203	-147	-203	-149	-153	-151	-151
91	Piano 1	6-7	0	572	-469	419	-316	60	49	53	50	51	51
			90	572	-469	419	-316	60	49	53	50	51	51
			180	572	-469	419	-316	60	49	53	50	51	51
92	Piano 1	6-18	0	1756	276	1423	475	1258	921	962	935	949	949
			115	1756	276	1423	475	1258	921	962	935	949	949
			230	1756	276	1423	475	1258	921	962	935	949	949
93	Piano 1	7-8	0	335	-425	223	-313	-8	-82	-26	-63	-45	-45
			198	335	-425	223	-313	-8	-82	-26	-63	-45	-45
			395	335	-425	223	-313	-8	-82	-26	-63	-45	-45
94	Piano 1	7-19	0	-498	-1964	-674	-1512	-1073	-1414	-1083	-1102	-1093	-1093
			115	-498	-1964	-674	-1512	-1073	-1414	-1083	-1102	-1093	-1093
			230	-498	-1964	-674	-1512	-1073	-1414	-1083	-1102	-1093	-1093
95	Piano 1	8-12	0	269	119	192	125	192	136	143	139	141	141
			203	269	119	192	125	192	136	143	139	141	141
			405	269	119	192	125	192	136	143	139	141	141
96	Piano 1	18-19	0	752	-634	547	-430	65	56	60	57	59	59
			90	752	-634	547	-430	65	56	60	57	59	59
			180	752	-634	547	-430	65	56	60	57	59	59
97	Piano 2	2-18	0	-981	-2210	-1053	-1590	-1190	-1590	-1206	-1237	-1221	-1221
			188	-981	-2210	-1053	-1590	-1190	-1590	-1206	-1237	-1221	-1221
			375	-981	-2210	-1053	-1590	-1190	-1590	-1206	-1237	-1221	-1221
98	Piano 2	19-3	0	2204	972	1589	1049	1589	1209	1251	1223	1237	1237
			187	2204	972	1589	1049	1589	1209	1251	1223	1237	1237
			374	2204	972	1589	1049	1589	1209	1251	1223	1237	1237
99	Piano 2	5-6	0	144	-189	94	-140	25	-70	1	-46	-23	-23
			188	144	-189	94	-140	25	-70	1	-46	-23	-23
			376	144	-189	94	-140	25	-70	1	-46	-23	-23
100	Piano 2	9-5	0	-157	-329	-162	-235	-167	-235	-171	-178	-174	-174
			213	-157	-329	-162	-235	-167	-235	-171	-178	-174	-174
			425	-157	-329	-162	-235	-167	-235	-171	-178	-174	-174
101	Piano 2	6-7	0	445	-345	329	-228	61	50	51	50	50	50
			90	445	-345	329	-228	61	50	51	50	50	50
			180	445	-345	329	-228	61	50	51	50	50	50
102	Piano 2	6-18	0	1754	394	1362	562	1258	950	968	956	962	962
			115	1754	394	1362	562	1258	950	968	956	962	962
			230	1754	394	1362	562	1258	950	968	956	962	962
103	Piano 2	7-8	0	630	-408	477	-255	189	58	138	84	111	111
			198	630	-408	477	-255	189	58	138	84	111	111
			395	630	-408	477	-255	189	58	138	84	111	111
104	Piano 2	7-19	0	-534	-1823	-680	-1376	-1027	-1314	-1028	-1029	-1028	-1028
			115	-534	-1823	-680	-1376	-1027	-1314	-1028	-1029	-1028	-1028
			230	-534	-1823	-680	-1376	-1027	-1314	-1028	-1029	-1028	-1028
105	Piano 2	8-12	0	388	128	277	149	277	185	208	193	200	200
			203	388	128	277	149	277	185	208	193	200	200
			405	388	128	277	149	277	185	208	193	200	200
106	Piano 2	13-16	0	622	-678	428	-484	-24	-58	-26	-30	-28	-28
			75	622	-678	428	-484	-24	-58	-26	-30	-28	-28
			150	622	-678	428	-484	-24	-58	-26	-30	-28	-28
107	Piano 2	17-14	0	32	-58	19	-44	-8	-17	-11	-15	-13	-13
			75	32	-58	19	-44	-8	-17	-11	-15	-13	-13
			150	32	-58	19	-44	-8	-17	-11	-15	-13	-13
108	Piano 2	18-19	0	630	-577	452	-399	28	24	27	25	26	26
			90	630	-577	452	-399	28	24	27	25	26	26
			180	630	-577	452	-399	28	24	27	25	26	26
109	Piano 3	5-6	0	94	40	68	43	68	50	51	51	51	51
			188	94	40	68	43	68	50	51	51	51	51
			376	94	40	68	43	68	50	51	51	51	51
110	Piano 3	9-5	0	-89	-206	-94	-148	-96	-148	-100	-108	-104	-104
			213	-89	-206	-94	-148	-96	-148	-100	-108	-104	-104
			425	-89	-206	-94	-148	-96	-148	-100	-108	-104	-104
111	Piano 3	8-7	0	-50	-156	-59	-112	-74	-112	-76	-80	-78	-78
			198	-50	-156	-59	-112	-74	-112	-76	-80	-78	-78
			395	-50	-156	-59	-112	-74	-112	-76	-80	-78	-78
112	Piano 3	8-12	0	234	50	172	71	169	114	125	118	122	122
			203	234	50	172	71	169	114	125	118	122	122
			405	234	50	172	71	169	114	125	118	122	122
113	Piano 3	13-16	0	605	-818	392	-605	-103	-201	-105	-108	-107	-107
			78	720	-703	507	-490	17	5	10	7	9	9
			155	835	-587	623	-375	232	121	126	122	124	124
114	Piano 3	14-17	0	116	-107	83	-74	7	1	6	3	4	4
			76	116	-107	83	-74	7	1	6	3	4	4
			151	116	-107	83	-74	7	1	6	3	4	4

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

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

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

RELAZIONE DI CALCOLO -

Momento Flettente (M_{XZ}) : valore del Momento Flettente X-Z nel punto considerato:

Max : valore massimo (rispetto al sistema di riferimento globale) dell'involuppo.

Min : valore minimo (rispetto al sistema di riferimento globale) dell'involuppo.

Comb : combinazione di appartenenza del valore considerato nell'involuppo.

Tabella 23.I

				Momento Flettente (M_{XZ}) [daNm]									
				SLV		SLD		SLE					
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Caratteristiche		Frequenti		Quasi Permanenti	
								Max	Min	Max	Min	Max	Min
1	Fond.	1-2	0	495	-3376	-74	-2808	-1061	-1905	-1251	-1631	-1441	-1441
			20	952	-4495	152	-3695	-1108	-2460	-1440	-2103	-1771	-1771
			40	1647	-5315	625	-4292	-920	-2747	-1377	-2291	-1834	-1834
2	Fond.	1-2	0	1647	-5314	625	-4292	-920	-2747	-1377	-2290	-1834	-1834
			28	-1572	-4082	-1825	-3012	-2114	-2998	-2266	-2571	-2419	-2419
			55	259	-5256	-558	-4439	-2140	-3123	-2320	-2678	-2499	-2499
3	Fond.	1-2	0	259	-5256	-558	-4439	-2140	-3123	-2320	-2678	-2499	-2499
			28	3690	-7838	1988	-6136	-1002	-3146	-1538	-2610	-2074	-2074
			55	7598	-9886	5021	-7309	689	-2976	-228	-2060	-1144	-1144
4	Fond.	1-2	0	7599	-9887	5021	-7310	689	-2977	-228	-2061	-1144	-1144
			46	5439	-7394	3546	-5501	-164	-1791	-571	-1384	-978	-978
			91	4559	-3367	3391	-2199	742	469	659	532	596	596
5	Fond.	1-2	0	4563	-3373	3394	-2204	740	469	658	532	595	595
			46	2015	-2674	1323	-1982	153	-812	-88	-571	-329	-329
			91	1479	-1022	1010	-657	1010	-657	593	-241	176	176
6	Fond.	1-2	0	1476	-1022	1008	-657	1008	-657	591	-241	175	175
			46	-118	-1921	-162	-1364	-162	-1364	-462	-1063	-763	-763
			91	917	-1408	574	-1065	180	-671	-32	-458	-245	-245
7	Fond.	9-1	0	-205	-2177	-369	-1562	-369	-1562	-667	-1264	-965	-965
			38	155	-1775	34	-1253	34	-1253	-288	-931	-609	-609
			77	1926	4	1368	86	1368	86	1047	407	727	727
8	Fond.	9-1	0	1927	3	1368	85	1368	85	1047	406	727	727
			38	1218	-900	825	-587	825	-587	472	-234	119	119
			77	1704	-383	1192	-199	1192	-199	844	148	496	496
9	Fond.	9-1	0	1705	-385	1193	-201	1193	-201	844	148	496	496
			38	348	-1353	105	-1041	22	-958	-223	-713	-468	-468
			77	500	-1389	219	-1108	-271	-618	-358	-531	-444	-444
10	Fond.	2-5	0	914	-281	645	-151	645	-151	446	48	247	247
			43	1645	-395	1152	-209	1152	-209	812	131	472	472
			87	4232	1076	3041	936	3041	936	2515	1462	1989	1989
11	Fond.	2-5	0	4235	1080	3043	940	3043	940	2517	1466	1991	1991
			43	4917	1612	3536	1332	3536	1332	2902	1855	2378	2378
			87	7701	3485	5566	2835	5566	2835	4566	3412	3989	3989
12	Fond.	2-5	0	7706	3482	5570	2839	5570	2839	4570	3416	3993	3993
			43	500	-848	300	-648	95	-443	-39	-308	-174	-174
			87	-1580	-5436	-2065	-4349	-2708	-3997	-2957	-3457	-3207	-3207
13	Fond.	3-4	0	1502	-2004	986	-1488	164	-666	-44	-458	-251	-251
			45	13	-1755	-63	-1238	-63	-1238	-357	-944	-650	-650
			90	1360	-1125	921	-736	921	-736	507	-322	92	92
14	Fond.	3-4	0	1363	-1126	923	-736	923	-736	508	-322	93	93
			45	1141	-1691	721	-1272	187	-738	-44	-507	-275	-275
			90	2771	-1820	2093	-1142	587	377	525	426	476	476
15	Fond.	3-4	0	2765	-1812	2090	-1137	589	376	527	426	476	476
			45	3209	-4626	2051	-3468	117	-1534	-296	-1121	-709	-709
			90	4539	-6130	2964	-4554	1026	-2616	115	-1706	-795	-795
16	Fond.	3-4	0	4537	-6127	2962	-4552	1026	-2616	116	-1705	-795	-795
			28	1901	-5111	863	-4073	-563	-2647	-1084	-2126	-1605	-1605
			55	-74	-3945	-648	-3371	-1701	-2591	-1855	-2164	-2009	-2009
17	Fond.	3-4	0	-74	-3945	-648	-3371	-1701	-2591	-1855	-2164	-2009	-2009
			28	-1192	-3569	-1437	-2604	-1635	-2604	-1822	-2198	-2010	-2010
			55	708	-3920	28	-3240	-602	-2611	-1104	-2109	-1606	-1606
18	Fond.	3-4	0	709	-3922	29	-3241	-602	-2611	-1104	-2109	-1606	-1606
			22	263	-3453	-283	-2908	-891	-2299	-1243	-1947	-1595	-1595
			44	22	-2671	-373	-2276	-962	-1729	-1143	-1506	-1324	-1324
19	Fond.	8-3	0	453	-5542	-433	-4656	-1973	-3321	-2259	-2831	-2545	-2545
			43	1093	-995	784	-686	295	-163	155	-57	49	49
			87	7255	2486	5223	2546	5223	2546	4215	3103	3659	3659
20	Fond.	8-3	0	7253	2490	5221	2544	5221	2544	4214	3101	3657	3657
			43	4656	1416	3337	1177	3337	1177	2704	1686	2195	2195
			87	3955	826	2830	744	2830	744	2309	1266	1787	1787
21	Fond.	8-3	0	3954	825	2830	743	2830	743	2308	1265	1787	1787
			43	1569	-402	1100	-215	1100	-215	771	114	443	443
			87	770	-350	544	-203	544	-203	357	-16	171	171
22	Fond.	4-12	0	572	-1426	275	-1129	-252	-602	-339	-514	-427	-427
			38	403	-1283	154	-1022	40	-909	-197	-671	-434	-434
			77	1480	-500	1024	-296	1024	-296	694	34	364	364
23	Fond.	4-12	0	1477	-501	1021	-297	1021	-297	692	33	362	362
			38	1119	-929	752	-613	752	-613	411	-272	69	69
			77	1757	-123	1240	-14	1240	-14	926	300	613	613
24	Fond.	4-12	0	1753	-124	1237	-15	1237	-15	924	298	611	611
			38	268	-1674	121	-1174	121	-1174	-203	-851	-527	-527
			77	-9	-1989	-181	-1414	-181	-1414	-489	-1106	-798	-798
25	Fond.	5-6	0	14764	2668	11523	4210	10696	6081	8759	6974	7867	7867
			188	-1651	-5401	-2130	-4434	-3202	-3966	-3242	-3322	-3282	-3282
			376	15097	-2650	12486	-39	7737	5620	6525	5922	6223	6223
26	Fond.	9-5	0	5205	985	4582	1607	3804	2536	3374	2815	3095	3095
			213	-4558	-11612	-5314	-8907	-6750	-8551	-6930	-7291	-7111	-7111
			425	14386	4970	10441	5830	10441	6474	8544	7164	7854	7854
27	Fond.	6-7	0	11567	-782	9751	1033	6552	5084	5546	5238	5392	5392

RELAZIONE DI CALCOLO -

			90	5819	-10	4952	858	3632	2571	3072	2738	2905	2905
			180	15683	-4771	12682	-1769	6720	5216	5576	5336	5456	5456
28	Fond.	6-10	0	660	-3437	58	-2835	-1294	-1618	-1341	-1436	-1388	-1388
			36	940	-123	651	-58	651	-58	474	119	296	296
			73	5401	576	4386	1232	3905	1974	3226	2392	2809	2809
29	Fond.	6-10	0	5400	577	4384	1232	3905	1974	3226	2391	2808	2808
			36	5155	-782	4284	90	3083	1452	2554	1819	2187	2187
			73	6173	-1366	5066	-260	3300	1724	2743	2064	2403	2403
30	Fond.	7-8	0	20730	-7083	16648	-3001	8474	6298	7086	6561	6823	6823
			198	-2904	-6610	-3244	-4860	-3963	-4860	-4005	-4089	-4047	-4047
			395	18089	-5585	14605	-2101	9047	4421	7167	5337	6252	6252
31	Fond.	7-11	0	878	-3859	182	-3164	-1371	-1755	-1431	-1551	-1491	-1491
			36	918	-137	632	-71	632	-71	451	103	277	277
			73	5674	44	4848	870	4025	2011	3283	2435	2859	2859
32	Fond.	7-11	0	5672	44	4846	869	4024	2011	3281	2434	2858	2858
			36	5669	-1103	4676	-110	3242	1538	2656	1910	2283	2283
			73	6674	-1593	5461	-381	3493	1852	2884	2196	2540	2540
33	Fond.	8-12	0	13917	-1903	11588	427	8470	4673	6675	5340	6007	6007
			203	-2195	-10315	-3363	-8958	-5730	-7568	-5945	-6376	-6161	-6161
			405	4452	949	3816	1451	2055	2923	2344	2633	2633	2633
34	Fond.	15-9	0	1195	-938	876	-619	714	-457	421	-164	128	128
			50	336	-1967	89	-1385	89	-1385	-279	-1017	-648	-648
			100	1681	-984	1149	-627	1149	-627	705	-183	261	261
35	Fond.	15-9	0	1680	-983	1149	-627	1149	-627	705	-183	261	261
			50	417	-1617	228	-1128	228	-1128	-111	-789	-450	-450
			100	1443	-53	1021	24	1021	24	772	273	523	523
36	Fond.	15-9	0	1443	-53	1021	24	1021	24	772	273	522	522
			50	159	-911	75	-638	75	-638	-103	-460	-281	-281
			100	1191	417	862	346	862	346	726	473	599	599
37	Fond.	15-9	0	1191	417	862	346	862	346	726	473	599	599
			50	94	-604	-1	-456	-30	-427	-129	-328	-228	-228
			100	1171	457	852	451	852	451	719	541	630	630
38	Fond.	15-9	0	1171	461	852	451	852	451	719	540	630	630
			50	140	-480	49	-389	-13	-327	-91	-249	-170	-170
			100	1287	516	940	558	940	558	796	638	717	717
39	Fond.	15-9	0	1288	520	940	558	940	558	796	637	717	717
			50	289	-280	205	-197	161	-152	83	-74	4	4
			100	1698	754	1243	817	1243	817	1057	897	977	977
40	Fond.	15-9	0	1699	758	1244	817	1244	817	1058	897	978	978
			50	506	-77	357	-28	357	-28	260	68	164	164
			100	1823	893	1332	824	1332	824	1133	927	1030	1030
41	Fond.	15-9	0	1824	898	1333	824	1333	824	1134	927	1030	1030
			50	-807	-2427	-969	-1774	-1002	-1774	-1176	-1525	-1351	-1351
			100	-1224	-3618	-1475	-2654	-1623	-2651	-1844	-2285	-2064	-2064
42	Fond.	10-11	0	1352	-311	1104	-63	695	391	585	456	521	521
			45	656	-606	439	-402	439	-402	229	-192	19	19
			90	2267	-101	1600	22	1600	22	1206	417	811	811
43	Fond.	10-11	0	2267	-101	1600	22	1600	22	1206	417	811	811
			45	762	-547	542	-358	518	-334	305	-121	92	92
			90	1940	-611	1564	-234	878	525	735	595	665	665
44	Fond.	10-13	0	5721	-514	4806	401	3578	1794	3008	2199	2604	2604
			47	3000	-668	2462	-130	1734	598	1450	882	1166	1166
			94	2218	470	1614	667	1605	730	1346	935	1141	1141
45	Fond.	10-13	0	2219	470	1616	667	1606	730	1347	936	1141	1141
			47	710	-166	497	-87	497	-87	351	59	205	205
			94	1305	502	945	409	945	409	791	537	664	664
46	Fond.	10-13	0	1307	503	946	410	946	410	792	537	665	665
			47	244	-380	158	-258	158	-258	54	-154	-50	-50
			94	1190	459	862	375	862	375	723	491	607	607
47	Fond.	10-13	0	1192	460	863	375	863	375	724	492	608	608
			47	310	-435	202	-294	202	-294	78	-170	-46	-46
			94	1333	383	962	328	962	328	804	487	645	645
48	Fond.	10-13	0	1335	383	964	329	964	329	805	488	646	646
			47	563	-773	367	-524	367	-524	144	-301	-78	-78
			94	1585	-218	1115	-88	1115	-88	814	213	514	514
49	Fond.	10-13	0	1588	-218	1117	-87	1117	-87	816	214	515	515
			47	178	-2246	32	-1585	32	-1585	-373	-1181	-777	-777
			94	467	-2549	224	-1787	224	-1787	-279	-1284	-781	-781
50	Fond.	11-14	0	5799	-1283	4760	-244	3281	1444	2665	1851	2258	2258
			47	3074	-1130	2457	-513	1557	400	1258	686	972	972
			94	2201	208	1733	470	1587	686	1309	894	1101	1101
51	Fond.	11-14	0	2202	208	1733	471	1588	686	1309	894	1102	1102
			47	704	-182	490	-100	490	-100	343	47	195	195
			94	1371	550	993	446	993	446	833	575	704	704
52	Fond.	11-14	0	1372	550	993	446	993	446	833	575	704	704
			47	296	-340	197	-228	197	-228	90	-122	-16	-16
			94	1286	540	934	437	934	437	792	555	674	674
53	Fond.	11-14	0	1287	540	935	437	935	437	793	555	674	674
			47	406	-355	275	-232	275	-232	148	-105	21	21
			94	1504	496	1091	444	1091	444	929	606	768	768
54	Fond.	11-14	0	1505	496	1092	444	1092	444	930	606	768	768
			47	734	-622	497	-407	497	-407	271	-181	45	45
			94	1850	24	1316	99	1316	99	1012	404	708	708
55	Fond.	11-14	0	1852	24	1318	99	1318	99	1013	404	709	709
			47	181	-2255	33	-1591	33	-1591	-373	-1185	-779	-779
			94	318	-2700	110	-1902	110	-1902	-393	-1399	-896	-896
56	Fond.	12-20	0	-975	-3331	-1247	-2525	-1454	-2439	-1670	-2102	-1886	-1886
			50	-588	-2267	-784	-1705	-898	-1655	-1071	-1418	-1245	-1245
			100	1711	734	1246	731	1246	731	1043	835	939	939
57	Fond.	12-20	0	1707	733	1242	728	1242	728	1040	832	936	936
			50	453	-137	315	-79	315	-79	216	20	118	118
			100	1642	760	1199	766	1199	766	1011	847	929	929
58	Fond.	12-20	0	1638	759	1196	763	1196	763	1009	845	927	927
			50	201	-282	130	-191	130	-191	50	-111	-31	-31
			100	1302	540	950	563	950	563	803	643	723	723

RELAZIONE DI CALCOLO -

59	Fond.	12-20	0	1298	541	947	561	947	561	801	641	721	721
			50	-25	-503	-40	-358	-40	-358	-119	-278	-199	-199
			100	1229	512	896	492	896	492	761	581	671	671
60	Fond.	12-20	0	1225	513	893	489	893	489	758	579	668	668
			50	-51	-651	-64	-464	-64	-464	-164	-364	-264	-264
			100	1287	506	935	414	935	414	796	542	669	669
61	Fond.	12-20	0	1284	503	932	412	932	412	794	539	667	667
			50	101	-970	30	-684	30	-684	-148	-505	-327	-327
			100	1571	76	1119	123	1119	123	870	372	621	621
62	Fond.	12-20	0	1568	73	1117	120	1117	120	868	369	618	618
			50	335	-1678	166	-1176	166	-1176	-170	-841	-505	-505
			100	1828	-799	1264	-488	1264	-488	826	-50	388	388
63	Fond.	12-20	0	1825	-803	1262	-491	1262	-491	823	-53	385	385
			50	212	-2044	10	-1446	10	-1446	-354	-1082	-718	-718
			100	1340	-792	1021	-473	856	-309	565	-18	274	274
64	Fond.	13-14	0	1492	-4437	606	-3551	-299	-2646	-886	-2059	-1472	-1472
			90	-2124	-5501	-1733	-3985	-1733	-3985	-2273	-3352	-2813	-2813
			180	2958	-1779	2251	-1072	1760	-580	1175	5	590	590
65	Fond.	13-21	0	755	-2251	447	-1557	447	-1557	-54	-1056	-555	-555
			45	477	-2223	84	-1765	-109	-1572	-475	-1206	-841	-841
			90	1264	-1207	896	-839	430	-373	229	-172	28	28
66	Fond.	14-22	0	35	-3000	-109	-2132	-109	-2132	-615	-1626	-1121	-1121
			45	-77	-2742	-423	-2051	-503	-1971	-870	-1604	-1237	-1237
			90	1128	-1348	760	-979	287	-507	89	-308	-110	-110
67	Fond.	15-16	0	934	-1242	610	-918	447	-756	147	-455	-154	-154
			48	1182	-1957	754	-1338	754	-1338	231	-815	-292	-292
			95	3673	-821	2568	-428	2568	-428	1819	321	1070	1070
68	Fond.	15-16	0	3674	-818	2569	-426	2569	-426	1821	323	1072	1072
			48	1970	-2339	1327	-1696	1045	-1414	430	-799	-185	-185
			95	2993	-2971	2101	-2079	1016	-994	514	-492	11	11
69	Fond.	15-16	0	2994	-2970	2102	-2078	1017	-993	515	-491	12	12
			45	18	-3645	-526	-3100	-1277	-2522	-1545	-2082	-1813	-1813
			90	-1326	-3980	-1638	-3115	-2266	-2919	-2321	-2432	-2377	-2377
70	Fond.	15-16	0	-1326	-3980	-1638	-3115	-2266	-2919	-2321	-2432	-2377	-2377
			45	-176	-3210	-628	-2757	-1415	-2173	-1554	-1831	-1693	-1693
			90	3137	-2678	2267	-1808	861	-401	545	-86	230	230
71	Fond.	15-16	0	3138	-2678	2268	-1808	861	-401	545	-86	230	230
			39	2425	-1776	1796	-1147	462	273	350	299	325	325
			77	2714	-58	2296	354	1954	773	1602	1049	1325	1325
72	Fond.	15-16	0	2715	-60	2298	354	1955	773	1602	1050	1326	1326
			39	1787	-44	1261	41	1261	41	956	346	651	651
			77	2203	131	1565	184	1565	184	1220	529	875	875
73	Fond.	15-16	0	2204	132	1566	184	1566	184	1221	530	875	875
			39	1355	-747	927	-474	927	-474	577	-124	226	226
			77	1707	-468	1189	-261	1189	-261	826	102	464	464
74	Fond.	15-16	0	1709	-468	1190	-261	1190	-261	827	102	465	465
			39	1013	-1433	656	-975	656	-975	248	-567	-160	-160
			77	1472	-1234	990	-814	990	-814	539	-363	88	88
75	Fond.	16-21	0	1474	-1234	991	-814	991	-814	540	-363	88	88
			30	709	-1778	425	-1234	425	-1234	10	-819	-404	-404
			60	610	-1609	361	-1118	361	-1118	-9	-749	-379	-379
76	Fond.	16-21	0	612	-1609	362	-1119	362	-1119	-8	-748	-378	-378
			30	399	-2342	-8	-1935	-743	-1216	-857	-1086	-972	-972
			60	1069	-3174	438	-2543	-738	-1367	-895	-1210	-1052	-1052
77	Fond.	17-20	0	1768	-922	1219	-575	1219	-575	770	-127	322	322
			40	1109	-1297	733	-871	733	-871	332	-470	-69	-69
			80	1852	-254	1305	-99	1305	-99	954	252	603	603
78	Fond.	17-20	0	1849	-256	1303	-100	1303	-100	952	250	601	601
			40	1435	-588	994	-354	994	-354	657	-17	320	320
			80	2503	522	1801	480	1801	480	1471	810	1141	1141
79	Fond.	17-20	0	2501	520	1799	479	1799	479	1469	809	1139	1139
			40	2225	-267	1854	104	1552	406	1266	693	979	979
			80	4226	-313	3552	362	2574	1449	2211	1703	1957	1957
80	Fond.	17-20	0	4224	-313	3549	362	2572	1448	2210	1702	1956	1956
			40	4120	-2473	3138	-1491	1020	697	887	760	824	824
			80	5301	-3587	3977	-2263	1596	118	1226	488	857	857
81	Fond.	17-20	0	5300	-3587	3977	-2264	1595	118	1226	487	856	856
			45	184	-3752	-405	-3163	-1467	-2279	-1625	-1943	-1784	-1784
			90	-1847	-4720	-2166	-3675	-2785	-3484	-2852	-2988	-2920	-2920
82	Fond.	17-20	0	-1847	-4720	-2166	-3675	-2785	-3484	-2852	-2988	-2920	-2920
			45	15	-5080	-741	-4324	-1906	-3318	-2219	-2846	-2533	-2533
			90	3979	-5166	2617	-3805	564	-1752	-15	-1173	-594	-594
83	Fond.	17-20	0	3978	-5168	2616	-3806	563	-1753	-16	-1174	-595	-595
			45	2754	-3909	1763	-2918	757	-1912	90	-1245	-578	-578
			89	3685	-964	2574	-525	2574	-525	1800	250	1025	1025
84	Fond.	17-20	0	3682	-969	2572	-529	2572	-529	1797	247	1022	1022
			45	1384	-2015	883	-1490	772	-1379	234	-841	-303	-303
			89	1269	-1213	901	-845	636	-580	332	-276	28	28
85	Fond.	22-17	0	2150	-2014	1522	-1386	373	-242	220	-85	68	68
			30	1220	-1523	805	-1108	84	-423	-34	-269	-152	-152
			60	1357	-871	933	-552	933	-552	562	-181	191	191
86	Fond.	22-17	0	1353	-872	931	-553	931	-553	560	-182	189	189
			30	1192	-1293	795	-861	795	-861	381	-447	-33	-33
			60	1772	-921	1221	-574	1221	-574	772	-125	324	324
87	Piano I	2-18	0	-2449	-7237	-2909	-5209	-3846	-5209	-3923	-4077	-4000	-4000
			188	1527	382	1179	520	1104	766	891	808	849	849
			375	8181	3494	5887	3813	5887	4552	4571	4559	4565	4565
88	Piano I	19-3	0	8345	3405	6009	3781	6009	4666	4677	4670	4673	4673
			187	1414	273	1098	416	1016	661	804	709	757	757
			374	-2252	-7670	-2852	-5722	-4104	-5534	-4195	-4379	-4287	-4287
89	Piano I	5-6	0	-59	-2784	-462	-2382	-1142	-1990	-1282	-1562	-1422	-1422
			188	1717	497	1225	615	1225	854	920	876	898	898
			376	235	-4063	-398	-3430	-1722	-2657	-1818	-2010	-1914	-1914
90	Piano I	9-5	0	-468	-2713	-739	-2039	-1340	-1926	-1364	-1414	-1389	-1389
			213	3421	1248	2445	1411	2445	1680	1862	1741	1802	1802

RELAZIONE DI CALCOLO -

			425	-1111	-2931	-1245	-2103	-1366	-2103	-1463	-1656	-1559	-1559
91	Piano 1	6-7	0	1617	-3050	930	-2363	-595	-1056	-656	-777	-717	-717
			90	-168	-1428	-320	-1049	-569	-1010	-627	-742	-684	-684
			180	2204	-4030	1288	-3115	-804	-1274	-859	-967	-913	-913
92	Piano 1	6-18	0	571	-939	348	-716	-139	-270	-162	-206	-184	-184
			115	3118	1574	2236	1615	2236	1711	1711	1711	1711	1711
			230	2277	632	1707	818	1640	1217	1285	1240	1262	1262
93	Piano 1	7-8	0	1127	-5390	170	-4433	-1958	-2910	-2045	-2218	-2132	-2132
			198	2036	720	1448	816	1448	997	1074	1023	1049	1049
			395	1231	-4097	447	-3314	-1157	-1982	-1295	-1571	-1433	-1433
94	Piano 1	7-19	0	1045	-1224	711	-890	-36	-170	-63	-116	-89	-89
			115	3125	1533	2243	1588	2243	1720	1721	1721	1721	1721
			230	2159	342	1784	591	1553	1136	1214	1162	1188	1188
95	Piano 1	8-12	0	-91	-3308	-564	-2835	-1512	-2248	-1606	-1793	-1700	-1700
			203	2943	667	2150	922	2102	1415	1596	1476	1536	1536
			405	-823	-2373	-929	-1677	-1126	-1677	-1153	-1206	-1180	-1180
96	Piano 1	18-19	0	6453	2824	4647	3061	4647	3601	3624	3609	3616	3616
			90	6639	2911	4783	3155	4783	3715	3736	3722	3729	3729
			180	6403	2733	4609	2986	4609	3568	3587	3574	3580	3580
97	Piano 2	2-18	0	-2772	-7253	-3146	-5222	-3908	-5222	-3969	-4090	-4029	-4029
			188	1410	568	1022	638	1022	756	827	779	803	803
			375	8070	3517	5807	3810	5807	4475	4515	4488	4502	4502
98	Piano 2	19-3	0	8185	3362	5891	3722	5891	4535	4591	4553	4572	4572
			187	1585	411	1220	552	1143	844	907	865	886	886
			374	-2086	-6989	-2630	-5227	-3807	-5043	-3868	-3989	-3928	-3928
99	Piano 2	5-6	0	151	-2336	-218	-1967	-808	-1568	-951	-1235	-1093	-1093
			188	1753	541	1252	654	1252	882	949	904	927	927
			376	-174	-4242	-769	-3603	-1991	-3029	-2089	-2283	-2186	-2186
100	Piano 2	9-5	0	-1422	-3270	-1487	-2324	-1498	-2324	-1569	-1713	-1641	-1641
			213	3275	1439	2343	1532	2343	1693	1783	1723	1753	1753
			425	-559	-2704	-810	-2001	-1143	-1936	-1274	-1537	-1406	-1406
101	Piano 2	6-7	0	1610	-3288	888	-2565	-721	-1229	-780	-898	-839	-839
			90	-263	-1241	-372	-888	-563	-881	-596	-663	-630	-630
			180	2440	-3804	1521	-2885	-666	-842	-674	-690	-682	-682
102	Piano 2	6-18	0	448	-989	235	-777	-209	-398	-240	-302	-271	-271
			115	3039	1537	2179	1574	2179	1644	1668	1652	1660	1660
			230	2240	681	1647	849	1613	1219	1262	1233	1248	1248
103	Piano 2	7-8	0	978	-6294	-93	-5223	-2469	-3622	-2564	-2753	-2658	-2658
			198	2111	787	1505	881	1505	1073	1125	1090	1108	1108
			395	2206	-3784	1324	-2901	-530	-1137	-659	-918	-789	-789
104	Piano 2	7-19	0	890	-1486	540	-1136	-230	-448	-264	-331	-298	-298
			115	2974	1456	2133	1507	2133	1609	1637	1619	1628	1628
			230	2174	366	1806	615	1566	1181	1225	1196	1211	1211
105	Piano 2	8-12	0	879	-3843	185	-3148	-1153	-2028	-1317	-1646	-1482	-1482
			203	2263	587	1625	766	1613	1153	1217	1175	1196	1196
			405	-935	-4187	-1270	-2981	-1834	-2981	-1956	-2200	-2078	-2078
106	Piano 2	13-16	0	894	-818	638	-562	77	33	40	35	38	38
			75	775	234	555	289	555	416	417	416	416	416
			150	471	-512	324	-365	-18	-43	-19	-22	-21	-21
107	Piano 2	17-14	0	46	-22	36	-12	15	9	13	10	12	12
			75	745	391	533	395	533	403	405	403	404	404
			150	37	-77	20	-60	-14	-26	-17	-23	-20	-20
108	Piano 2	18-19	0	6338	2984	4563	3150	4563	3501	3559	3520	3540	3540
			90	6562	2996	4726	3198	4726	3634	3692	3653	3672	3672
			180	6364	2732	4579	2974	4579	3506	3563	3525	3544	3544
109	Piano 3	5-6	0	-891	-2137	-949	-1544	-992	-1544	-1039	-1134	-1087	-1087
			188	2695	1297	1946	1324	1946	1366	1403	1378	1391	1391
			376	-344	-863	-376	-624	-405	-624	-427	-472	-450	-450
110	Piano 3	9-5	0	-658	-1763	-728	-1268	-893	-1268	-895	-898	-897	-897
			213	3221	1624	2329	1640	2329	1648	1691	1662	1677	1677
			425	-1027	-2390	-1097	-1733	-1209	-1733	-1236	-1290	-1263	-1263
111	Piano 3	8-7	0	-868	-2629	-1017	-1902	-1325	-1902	-1348	-1395	-1371	-1371
			198	2296	1087	1664	1123	1664	1179	1221	1193	1207	1207
			395	-235	-2029	-455	-1502	-876	-1452	-927	-1030	-979	-979
112	Piano 3	8-12	0	-1381	-3517	-1526	-2550	-1763	-2550	-1818	-1928	-1873	-1873
			203	1644	770	1189	788	1189	810	841	820	830	830
			405	-1053	-2922	-1178	-2098	-1406	-2098	-1440	-1509	-1474	-1474
113	Piano 3	13-16	0	736	-499	551	-314	227	115	120	117	118	118
			78	1239	443	887	481	887	567	568	567	568	568
			155	871	-691	638	-457	168	88	91	89	90	90
114	Piano 3	14-17	0	166	-135	121	-90	22	9	19	12	16	16
			76	666	318	482	327	482	348	351	349	350	350
			151	79	-96	53	-70	-5	-12	-7	-11	-9	-9

4.2.5 Inviluppi dei diagrammi delle sollecitazioni: Taglio X-Z.

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

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

Tabella 24.I

RELAZIONE DI CALCOLO -

				Taglio (Txz) [daN]									
				SLV		SLD		SLE					
								Caratteristiche		Frequenti		Quasi Permanenti	
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	Fond.	1-2	0	2834	-7571	1304	-6042	-200	-4538	-1284	-3453	-2369	-2369
			20	4021	-6070	2537	-4585	956	-3004	-34	-2014	-1024	-1024
			40	5432	-4799	3924	-3292	2118	-1485	1217	-584	316	316
2	Fond.	1-2	0	6943	-13122	3983	-10162	-1610	-4569	-2350	-3829	-3090	-3090
			28	8681	-11184	5754	-8256	459	-2962	-396	-2107	-1251	-1251
			55	10416	-9248	7522	-6354	2510	-1342	1547	-379	584	584
3	Fond.	1-2	0	10424	-9256	7526	-6358	2510	-1342	1547	-379	584	584
			28	12158	-7318	9293	-4454	4545	294	3483	1357	2420	2420
			55	13999	-5481	11137	-2619	6567	1952	5413	3105	4259	4259
4	Fond.	1-2	0	5041	-7463	3202	-5623	1667	-4088	228	-2649	-1211	-1211
			46	8229	-4513	6350	-2634	4483	-767	3170	546	1858	1858
			91	11654	-1753	9671	229	7398	2502	6174	3726	4950	4950
5	Fond.	1-2	0	1209	-8458	-212	-7038	-2362	-5028	-2994	-4256	-3625	-3625
			46	4444	-5456	2986	-3998	659	-1672	76	-1089	-506	-506
			91	8201	-2925	6558	-1281	3783	1494	3211	2066	2638	2638
6	Fond.	1-2	0	-1141	-6220	-1888	-5473	-3491	-4421	-3586	-3776	-3681	-3681
			46	2375	-3392	1523	-2541	-367	-667	-438	-580	-509	-509
			91	6517	-1130	5384	3	3206	2659	2711	2676	2693	2693
7	Fond.	9-1	0	557	-1236	289	-968	-264	-445	-302	-378	-340	-340
			38	3705	740	3249	1181	2724	1985	2330	2100	2215	2215
			77	7909	2597	6302	3248	5820	4363	4981	4569	4775	4775
8	Fond.	9-1	0	-2548	-4554	-2641	-3365	-2783	-3365	-2821	-2897	-2859	-2859
			38	557	-1143	303	-888	-1	-584	-147	-439	-293	-293
			77	4089	596	3457	1099	2987	1732	2551	2005	2278	2278
9	Fond.	9-1	0	-3124	-6657	-2974	-4876	-2974	-4876	-3384	-4204	-3794	-3794
			38	62	-3291	-101	-2337	-101	-2337	-660	-1778	-1219	-1219
			77	4004	-388	2824	-104	2824	-104	2092	628	1360	1360
10	Fond.	2-5	0	527	-2444	85	-2002	-176	-1741	-567	-1350	-959	-959
			43	4314	1364	3096	1130	3096	1130	2525	1595	2060	2060
			87	9215	4165	6694	3893	6694	3893	5563	4450	5007	5007
11	Fond.	2-5	0	996	-2013	547	-1564	-505	-996	-507	-510	-509	-509
			43	4148	1742	3020	1927	3020	2148	2466	2254	2360	2360
			87	8856	4764	6468	4703	6468	4703	5356	4921	5138	5138
12	Fond.	2-5	0	-7426	-19663	-8465	-14324	-8799	-14324	-9860	-11981	-10920	-10920
			43	-5267	-15102	-6153	-10987	-6352	-10987	-7300	-9194	-8247	-8247
			87	-3035	-10711	-3823	-7778	-4015	-7778	-4852	-6525	-5688	-5688
13	Fond.	3-4	0	2384	-6565	1060	-5242	-2064	-2583	-2078	-2104	-2091	-2091
			45	3619	-2695	2688	-1764	627	297	545	380	462	462
			90	5393	582	4685	1290	3725	2748	3108	2868	2988	2988
14	Fond.	3-4	0	2321	-6312	1044	-5035	-800	-3191	-1398	-2593	-1995	-1995
			45	3897	-2887	2897	-1887	1697	-687	1101	-91	505	505
			90	6067	6	5082	880	4367	1713	3615	2347	2981	2981
15	Fond.	3-4	0	1182	-8753	-290	-7281	-1341	-6230	-2563	-5008	-3786	-3786
			45	3079	-5746	1776	-4442	1270	-3936	-32	-2635	-1333	-1333
			90	5733	-2933	3940	-1747	3936	-1743	2516	-323	1097	1097
16	Fond.	3-4	0	2117	-9333	434	-7650	-1226	-5991	-2417	-4799	-3608	-3608
			28	3544	-7809	1874	-6138	74	-4338	-1029	-3235	-2132	-2132
			55	5141	-6463	3431	-4753	1349	-2671	344	-1666	-661	-661
17	Fond.	3-4	0	5134	-6456	3426	-4748	1349	-2671	344	-1666	-661	-661
			28	6690	-5074	4953	-3337	2604	-989	1706	-90	808	808
			55	8208	-3654	6454	-1899	3842	712	3060	1495	2277	2277
18	Fond.	3-4	0	2809	-3735	1842	-2768	1434	-2360	486	-1411	-463	-463
			22	4110	-2548	3016	-1587	2811	-1381	1763	-333	715	715
			44	6006	-1577	4347	-556	4205	-413	3050	741	1896	1896
19	Fond.	8-3	0	9544	272	8024	1619	6890	3096	5685	3959	4822	4822
			43	13613	2058	10707	3562	9852	5187	8109	6161	7135	7135
			87	17772	3739	13555	5447	12880	7321	10590	8411	9501	9501
20	Fond.	8-3	0	-3447	-8087	-3775	-5876	-4172	-5876	-4365	-4753	-4559	-4559
			43	-1463	-3859	-1667	-2796	-1995	-2796	-2072	-2225	-2148	-2148
			87	1841	-1256	1378	-794	365	219	329	256	292	292
21	Fond.	8-3	0	-2723	-8356	-3180	-6027	-3180	-6027	-3746	-4878	-4312	-4312
			43	-1107	-4087	-927	-2914	-927	-2914	-1389	-2314	-1852	-1852
			87	2118	-874	1672	-428	1368	-124	995	249	622	622
22	Fond.	4-12	0	701	-3575	355	-2496	355	-2496	-357	-1783	-1070	-1070
			38	2940	-261	2078	-57	2078	-57	1544	477	1010	1010
			77	5719	2246	4164	2374	4164	2374	3510	2753	3131	3131
23	Fond.	4-12	0	-184	-3613	-684	-3029	-1272	-2610	-1564	-2149	-1856	-1856
			38	1185	-574	922	-311	625	-13	465	146	306	306
			77	4114	2011	3025	2159	3025	2415	2555	2462	2508	2508
24	Fond.	4-12	0	-1916	-7099	-2569	-5633	-3635	-5189	-3868	-4334	-4101	-4101
			38	-332	-3386	-788	-2930	-1585	-2395	-1722	-1996	-1859	-1859
			77	1367	-521	1084	-238	559	312	479	367	423	423
25	Fond.	5-6	0	-8409	-19779	-9285	-14434	-10164	-14434	-10760	-11952	-11356	-11356
			188	2611	-3628	1690	-2707	-130	-915	-319	-698	-509	-509
			376	17547	6003	14085	7414	12886	10708	10770	10729	10749	10749
26	Fond.	9-5	0	-8390	-18342	-9259	-13526	-10671	-13526	-10983	-11608	-11295	-11295
			213	2576	515	1849	732	1849	737	1495	990	1243	1243
			425	22344	11866	16338	11642	16338	11642	13648	12311	12979	12979
27	Fond.	6-7	0	3363	-14510	741	-11889	-5544	-6664	-5559	-5589	-5574	-5574
			90	8876	-8794	6286	-6204	145	3	60	22	41	41
			180	15129	-3932	12335	-1138	6897	5492	5652	5545	5598	5598
28	Fond.	6-10	0	9171	-2149	7510	-487	5114	1909	4313	2710	3511	3511
			36	11574	-2	9874	1698	7838	4141	6608	4964	5786	5786
			73	14622	2139	12275	3884	10647	6372	8934	7226	8080	8080
29	Fond.	6-10	0	-311	-5423	-1063	-4671	-2867	-3485	-2867	-2867	-2867	-2867
			36	1983	-3100	1236	-2353	-479	-747	-519	-598	-558	-558
			73	4325	-811	3571	-56	2196	1586	1843	1671	1757	1757
30	Fond.	7-8	0	-4015	-18512	-6144	-16382	-11239	-13552	-11251	-11275	-11263	-11263
			198	5572	-5582	3933	-3943	322	-332	159	-169	-5	-5
			395	18548	3911	14977	5822	13484	9222	10988	9811	10399	10399

RELAZIONE DI CALCOLO -

31	Fond.	7-11	0	10255	-2770	8345	-860	5438	2089	4570	2916	3743	3743
			36	12918	-966	10882	1070	8173	4279	6825	5128	5976	5976
			73	15632	845	13463	3014	10951	6478	9118	7358	8238	8238
32	Fond.	7-11	0	-600	-4889	-1237	-4252	-2739	-3382	-2741	-2747	-2744	-2744
			36	1743	-2658	1095	-2010	-383	-658	-420	-495	-458	-458
			73	4377	-685	3633	59	2269	1679	1930	1762	1846	1846
33	Fond.	8-12	0	-7809	-19845	-8807	-14439	-9893	-14439	-10534	-11817	-11175	-11175
			203	925	-2801	377	-2252	-425	-1564	-681	-1194	-938	-938
			405	16557	6796	12201	7738	12166	9309	10300	9639	9970	9970
34	Fond.	15-9	0	-942	-6162	-1619	-4855	-2361	-4463	-2799	-3675	-3237	-3237
			50	1384	-1032	942	-669	942	-669	539	-266	136	136
			100	6401	2372	4661	2710	4661	2728	3894	3117	3506	3506
35	Fond.	15-9	0	-692	-5514	-1407	-4798	-3085	-3755	-3094	-3112	-3103	-3103
			50	1431	-902	1084	-554	316	245	275	255	265	265
			100	5943	2604	4369	2913	4369	3594	3653	3613	3633	3633
36	Fond.	15-9	0	-929	-5648	-1629	-4948	-3248	-3967	-3268	-3309	-3289	-3289
			50	1479	-1318	1062	-901	148	14	114	47	81	81
			100	5683	2331	4233	2670	4176	3358	3498	3405	3452	3452
37	Fond.	15-9	0	-1250	-5519	-1869	-4805	-3222	-4053	-3279	-3395	-3337	-3337
			50	1434	-1364	1017	-947	172	-101	103	-33	35	35
			100	5635	2259	4215	2602	4141	3261	3483	3335	3409	3409
38	Fond.	15-9	0	-1446	-5381	-1990	-4572	-3193	-3956	-3237	-3325	-3281	-3281
			50	1466	-1281	1057	-871	181	5	137	49	93	93
			100	5631	2134	4401	2533	4146	3393	3503	3430	3467	3467
39	Fond.	15-9	0	-1461	-5032	-1947	-4260	-3064	-3705	-3084	-3124	-3104	-3104
			50	1640	-1103	1231	-694	313	261	272	265	269	269
			100	5849	2100	4715	2560	4312	3592	3660	3615	3638	3638
40	Fond.	15-9	0	-1876	-5300	-2298	-4304	-3276	-3907	-3288	-3313	-3301	-3301
			50	1324	-1200	948	-824	113	12	87	37	62	62
			100	5571	1791	4553	2277	4103	3263	3491	3339	3415	3415
41	Fond.	15-9	0	-5070	-10307	-5468	-7607	-6256	-7607	-6340	-6509	-6425	-6425
			50	-2310	-4882	-2541	-3628	-3046	-3609	-3065	-3103	-3084	-3084
			100	1220	-728	928	-436	389	119	309	182	246	246
42	Fond.	10-11	0	-978	-4771	-1442	-3660	-1901	-3461	-2226	-2876	-2551	-2551
			45	1747	-1097	1327	-677	1099	-450	712	-62	325	325
			90	6083	1764	4407	2188	4407	2294	3654	2748	3201	3201
43	Fond.	10-11	0	-1611	-5797	-2030	-4198	-2138	-4198	-2586	-3481	-3033	-3033
			45	1593	-1912	1077	-1396	604	-923	222	-542	-160	-160
			90	5029	446	4307	1112	3649	2071	3029	2391	2710	2710
44	Fond.	10-13	0	-1588	-7722	-2461	-6647	-4214	-5652	-4384	-4724	-4554	-4554
			47	1178	-4271	376	-3470	-1336	-1952	-1442	-1652	-1547	-1547
			94	3948	-1051	3213	-316	1824	1371	1487	1410	1448	1448
45	Fond.	10-13	0	-2187	-5819	-2568	-4374	-3295	-4264	-3383	-3559	-3471	-3471
			47	567	-1557	251	-1241	-448	-610	-472	-518	-495	-495
			94	4103	1539	3103	1813	3007	2384	2495	2421	2458	2458
46	Fond.	10-13	0	-2339	-4940	-2529	-3623	-2865	-3623	-2919	-3026	-2972	-2972
			47	649	-739	442	-532	-44	-50	-44	-46	-45	-45
			94	4744	1901	3525	2186	3480	2761	2903	2808	2856	2856
47	Fond.	10-13	0	-2342	-4616	-2484	-3392	-2759	-3392	-2787	-2842	-2814	-2814
			47	876	-759	632	-515	89	39	68	49	58	58
			94	4789	1648	3781	2022	3517	2829	2938	2865	2902	2902
48	Fond.	10-13	0	-2661	-4835	-2742	-3554	-2822	-3554	-2877	-2988	-2933	-2933
			47	661	-900	427	-667	19	-258	-51	-189	-120	-120
			94	4448	1268	3639	1684	3263	2527	2729	2594	2661	2661
49	Fond.	10-13	0	-3161	-6844	-3440	-5026	-3887	-5026	-3995	-4212	-4104	-4104
			47	-675	-2365	-877	-1833	-1180	-1729	-1268	-1442	-1355	-1355
			94	2512	214	2170	557	1657	1279	1406	1321	1363	1363
50	Fond.	11-14	0	-640	-7857	-1701	-6796	-3906	-5378	-4077	-4420	-4249	-4249
			47	1752	-4238	871	-3358	-1032	-1677	-1137	-1349	-1243	-1243
			94	4178	-643	3469	66	2117	1690	1806	1729	1767	1767
51	Fond.	11-14	0	-1779	-5807	-2268	-4617	-3264	-4250	-3353	-3531	-3442	-3442
			47	685	-1550	356	-1221	-385	-560	-409	-456	-433	-433
			94	4234	1746	3152	1992	3111	2497	2610	2535	2572	2572
52	Fond.	11-14	0	-2230	-5028	-2470	-3690	-2928	-3690	-2982	-3090	-3036	-3036
			47	668	-745	457	-534	-36	-46	-37	-39	-38	-38
			94	4867	1832	3736	2165	3575	2853	2999	2902	2950	2950
53	Fond.	11-14	0	-2324	-4705	-2491	-3460	-2828	-3460	-2855	-2910	-2882	-2882
			47	913	-721	669	-477	127	75	107	85	96	96
			94	5000	1689	4027	2098	3678	2987	3100	3025	3062	3062
54	Fond.	11-14	0	-2600	-4945	-2723	-3638	-2907	-3638	-2962	-3072	-3017	-3017
			47	661	-791	444	-574	74	-203	4	-134	-65	-65
			94	4718	1449	3870	1874	3471	2736	2940	2804	2872	2872
55	Fond.	11-14	0	-3400	-7505	-3762	-5533	-4413	-5533	-4518	-4727	-4622	-4622
			47	-903	-2807	-1141	-2265	-1536	-2069	-1619	-1787	-1703	-1703
			94	2286	113	1962	437	1490	1123	1238	1161	1200	1200
56	Fond.	12-20	0	835	-1328	512	-1004	-99	-438	-173	-320	-246	-246
			50	4457	1813	3487	2105	3290	2768	2810	2782	2796	2796
			100	9631	4316	7091	4788	7091	5755	6007	5839	5923	5923
57	Fond.	12-20	0	-1592	-5383	-2088	-4414	-3090	-3954	-3170	-3331	-3251	-3251
			50	1309	-1379	908	-978	16	-87	-9	-61	-35	-35
			100	5272	1785	4307	2224	3883	3235	3281	3250	3266	3266
58	Fond.	12-20	0	-2098	-5831	-2551	-4677	-3566	-4297	-3590	-3638	-3614	-3614
			50	1168	-1629	750	-1212	-221	-275	-226	-236	-231	-231
			100	5217	1545	4419	2045	3844	3185	3256	3209	3232	3232
59	Fond.	12-20	0	-2358	-5832	-2734	-4499	-3544	-4300	-3580	-3652	-3616	-3616
			50	1275	-1425	872	-1023	15	-166	-30	-121	-75	-75
			100	5732	1674	4856	2228	4224	3449	3589	3496	3542	3542
60	Fond.	12-20	0	-2601	-6039	-2939	-4496	-3571	-4451	-3644	-3791	-3718	-3718
			50	1308	-1355	911	-958	113	-160	45	-92	-24	-24
			100	6055	1670	5206	2286	4465	3630	3804	3688	3746	3746
61	Fond.	12-20	0	-2849	-6283	-3170	-4659	-3819	-4637	-3866	-3962	-3914	-3914
			50	1251	-1390	857	-996	0	-138	-35	-104	-69	-69
			100	6144	1559	5463	2240	4531	3810	3872	3831	3851	3851
62	Fond.	12-20	0	-3363	-6749	-3629	-4989	-4195	-4989	-4222	-4277	-4249	-4249
			50	888	-1395	548	-1055	-221	-309	-237	-270	-253	-253

RELAZIONE DI CALCOLO -

			100	6167	1471	5470	2168	4477	3792	3833	3806	3819	3819
63	Fond.	12-20	0	-3300	-7419	-3512	-5442	-3512	-5442	-3899	-4673	-4286	-4286
			50	1019	-1371	662	-931	662	-931	263	-533	-135	-135
			100	7241	2071	5524	2670	5299	3236	4528	3666	4097	4097
64	Fond.	13-14	0	-70	-8094	-1267	-6897	-3818	-5194	-3950	-4214	-4082	-4082
			90	3715	-1508	2937	-730	1105	1075	1105	1103	1104	1104
			180	10150	2966	8943	4011	7529	6215	6608	6346	6477	6477
65	Fond.	13-21	0	-995	-3827	-1042	-2771	-1042	-2771	-1474	-2339	-1907	-1907
			45	2404	-618	1676	-339	1676	-339	1172	165	668	668
			90	6344	1517	4593	2009	4593	2009	3833	2617	3225	3225
66	Fond.	14-22	0	-433	-3508	-765	-2523	-765	-2523	-1204	-2083	-1644	-1644
			45	3016	-52	2144	99	2144	99	1633	610	1121	1121
			90	7184	2566	5241	2652	5241	2652	4502	3268	3885	3885
67	Fond.	15-16	0	-1	-4915	-295	-3481	-295	-3481	-1092	-2684	-1888	-1888
			48	4022	-582	2830	-240	2830	-240	2062	528	1295	1295
			95	8586	2283	6220	2896	6220	2896	5196	3662	4429	4429
68	Fond.	15-16	0	-471	-7916	-1578	-6809	-4146	-5119	-4170	-4217	-4193	-4193
			48	1712	-3932	869	-3088	-1101	-1378	-1105	-1114	-1110	-1110
			95	4322	-479	3606	237	2308	1873	1946	1897	1922	1922
69	Fond.	15-16	0	-2005	-9433	-3042	-7907	-4854	-6904	-5164	-5785	-5474	-5474
			45	-18	-5281	-803	-4496	-2088	-3469	-2369	-2931	-2650	-2650
			90	2602	-2330	1865	-1593	645	-373	390	-118	136	136
70	Fond.	15-16	0	2572	-2300	1844	-1572	645	-373	390	-118	136	136
			45	5690	100	4860	931	3811	2430	3128	2663	2895	2895
			90	9691	2090	8138	3143	7086	5211	5855	5426	5640	5640
71	Fond.	15-16	0	2127	-3994	1214	-3080	857	-2724	-38	-1828	-933	-933
			39	4610	-1393	3383	-551	3234	-402	2325	507	1416	1416
			77	7770	970	5715	1802	5603	1914	4681	2836	3758	3758
72	Fond.	15-16	0	46	-5881	-837	-4998	-2548	-3740	-2733	-3102	-2918	-2918
			39	1963	-3132	1201	-2371	-190	-980	-388	-782	-585	-585
			77	4161	-692	3432	36	2295	1321	1941	1527	1734	1734
73	Fond.	15-16	0	-1117	-4779	-1628	-4043	-2654	-3504	-2745	-2926	-2836	-2836
			39	719	-1783	345	-1409	-343	-757	-437	-627	-532	-532
			77	3022	486	2643	864	2193	1573	1844	1663	1754	1754
74	Fond.	15-16	0	-1524	-4740	-1893	-3616	-2420	-3472	-2587	-2922	-2754	-2754
			39	376	-1351	114	-1089	-183	-791	-335	-639	-487	-487
			77	3084	438	2688	833	2255	1515	1883	1638	1761	1761
75	Fond.	16-21	0	-1256	-4148	-1631	-3393	-2321	-3053	-2417	-2608	-2512	-2512
			30	537	-2095	144	-1702	-519	-1039	-649	-909	-779	-779
			60	2885	-999	2304	-418	1382	589	1120	766	943	943
76	Fond.	16-21	0	-1244	-6284	-1157	-4516	-1157	-4516	-1997	-3676	-2837	-2837
			30	1210	-4188	675	-2924	675	-2924	-225	-2024	-1125	-1125
			60	3698	-2349	2633	-1475	2527	-1369	1553	-395	579	579
77	Fond.	17-20	0	-1076	-3815	-1442	-3159	-2044	-2812	-2172	-2429	-2301	-2301
			40	1217	-552	948	-284	654	10	493	171	332	332
			80	5118	1695	3939	2090	2658	2090	3193	2836	3015	3015
78	Fond.	17-20	0	-767	-3434	-1161	-2990	-1886	-2529	-1981	-2170	-2075	-2075
			40	2102	-790	1671	-358	891	454	757	555	656	656
			80	5596	1459	4824	2046	4127	3237	3534	3336	3435	3435
79	Fond.	17-20	0	1260	-4893	340	-3973	-1387	-2383	-1602	-2031	-1816	-1816
			40	4290	-2277	3312	-1299	1421	592	1214	800	1007	1007
			80	7596	145	6488	1252	4738	3477	4067	3674	3870	3870
80	Fond.	17-20	0	-999	-8503	-1984	-6585	-2407	-6162	-3346	-5224	-4285	-4285
			40	2179	-4952	1114	-3887	469	-3242	-459	-2314	-1387	-1387
			80	5413	-2331	4260	-1178	3374	-292	2457	624	1541	1541
81	Fond.	17-20	0	-2455	-12617	-3959	-11113	-6965	-9096	-7250	-7821	-7536	-7536
			45	275	-8697	-1056	-7366	-3611	-5243	-3911	-4511	-4211	-4211
			90	3291	-4989	2059	-3758	-209	-1489	-529	-1169	-849	-849
82	Fond.	17-20	0	3319	-5017	2079	-3777	-209	-1489	-529	-1169	-849	-849
			45	6405	-1276	5259	-129	3421	1873	2910	2219	2565	2565
			90	10217	1955	8918	3176	7508	5298	6421	5672	6047	6047
83	Fond.	17-20	0	1755	-5201	713	-4159	-1591	-2093	-1657	-1790	-1723	-1723
			45	5602	-2007	4467	-872	2131	1718	1837	1758	1797	1797
			89	9744	1055	8453	2346	6301	5355	5422	5377	5400	5400
84	Fond.	17-20	0	-2991	-9080	-3167	-6610	-3167	-6610	-3995	-5649	-4822	-4822
			45	971	-3995	516	-2794	516	-2794	-311	-1966	-1139	-1139
			89	6039	174	4347	902	4331	919	3478	1772	2625	2625
85	Fond.	22-17	0	1183	-5103	333	-3671	267	-3605	-701	-2637	-1669	-1669
			30	2944	-2413	1974	-1598	1974	-1598	1081	-705	188	188
			60	5263	271	3737	410	3737	410	2905	1242	2073	2073
86	Fond.	22-17	0	119	-3532	-426	-2986	-1363	-2124	-1535	-1877	-1706	-1706
			30	1413	-998	1053	-638	464	-40	331	84	208	208
			60	3670	769	3118	1181	2688	1974	2237	2062	2150	2150
87	Piano I	2-18	0	5083	2189	3672	2397	3672	2851	2907	2870	2889	2889
			188	4106	1585	2955	1792	2955	2246	2303	2265	2284	2284
			375	3128	980	2238	1188	2238	1642	1698	1660	1679	1679
88	Piano I	19-3	0	-942	-3304	-1193	-2393	-1746	-2369	-1769	-1816	-1793	-1793
			187	-1545	-4279	-1796	-3084	-2349	-3084	-2372	-2419	-2396	-2396
			374	-2148	-5254	-2399	-3799	-2952	-3799	-2975	-3022	-2999	-2999
89	Piano I	5-6	0	4859	1664	3477	1940	3477	2472	2660	2535	2598	2598
			188	802	-1064	527	-789	-5	-267	-68	-193	-131	-131
			376	-1926	-5403	-2201	-3860	-2734	-3860	-2796	-2922	-2859	-2859
90	Piano I	9-5	0	5679	2839	4059	2899	4059	3009	3060	3026	3043	3043
			213	164	-244	104	-184	-1	-74	-23	-57	-40	-40
			425	-2919	-5721	-2979	-4102	-3089	-4102	-3106	-3140	-3123	-3123
91	Piano I	6-7	0	3152	-2790	2279	-1917	223	174	185	178	181	181
			90	2862	-3080	1989	-2207	-102	-129	-106	-113	-109	-109
			180	2572	-3371	1698	-2497	-392	-474	-396	-403	-399	-399
92	Piano I	6-18	0	4926	2087	3528	2258	3528	2628	2686	2647	2667	2667
			115	1208	49	1038	220	830	590	648	609	629	629
			230	-829	-2687	-1000	-1914	-1370	-1914	-1389	-1428	-1409	-1409
93	Piano I	7-8	0	5727	1544	4101	1984	4093	2929	3099	2986	3043	3043
			198	1675	-1322	1235	-882	319	63	234	120	177	177
			395	-1190	-5019	-1631	-3747	-2575	-3592	-2632	-2746	-2689	-2689
94	Piano I	7-19	0	4817	1739	3447	1990	3447	2547	2616	2570	2593	2593

RELAZIONE DI CALCOLO -

			115	1409	-299	1158	-48	749	509	578	532	555	555
			230	-628	-2807	-880	-2085	-1437	-2003	-1460	-1505	-1483	-1483
95	Piano 1	8-12	0	5588	2701	4011	2809	4011	3033	3083	3050	3066	3066
			203	493	-237	386	-129	161	95	145	112	128	128
			405	-2445	-5279	-2552	-3769	-2777	-3769	-2793	-2826	-2810	-2810
96	Piano 1	18-19	0	444	180	334	207	325	269	271	270	270	270
			90	71	-110	44	-84	-18	-21	-19	-21	-20	-20
			180	-220	-497	-247	-374	-309	-365	-309	-311	-310	-310
97	Piano 2	2-18	0	5064	2282	3658	2460	3658	2840	2899	2860	2880	2880
			188	4086	1677	2941	1855	2941	2236	2295	2255	2275	2275
			375	3109	1072	2224	1250	2224	1631	1690	1651	1670	1670
98	Piano 2	19-3	0	-911	-3083	-1135	-2208	-1627	-2208	-1649	-1691	-1670	-1670
			187	-1514	-4057	-1738	-2924	-2230	-2924	-2252	-2294	-2273	-2273
			374	-2117	-5032	-2341	-3639	-2834	-3639	-2855	-2897	-2876	-2876
99	Piano 2	5-6	0	4568	1572	3267	1829	3267	2310	2501	2374	2438	2438
			188	575	-1156	319	-900	-163	-479	-227	-354	-291	-291
			376	-2154	-5697	-2410	-4073	-2892	-4073	-2955	-3083	-3019	-3019
100	Piano 2	9-5	0	5914	2887	4226	2962	4226	3042	3186	3090	3138	3138
			213	306	-195	232	-121	166	-40	103	8	55	55
			425	-2777	-5597	-2851	-4010	-2932	-4010	-2980	-3075	-3027	-3027
101	Piano 2	6-7	0	3472	-2717	2560	-1805	559	321	406	349	378	378
			90	3182	-3007	2270	-2095	215	31	116	59	87	87
			180	2892	-3298	1980	-2386	-129	-260	-175	-231	-203	-203
102	Piano 2	6-18	0	4988	2139	3572	2305	3572	2659	2718	2678	2698	2698
			115	1219	102	1054	267	875	621	680	641	660	660
			230	-819	-2626	-984	-1871	-1338	-1871	-1358	-1397	-1378	-1378
103	Piano 2	7-8	0	6264	1661	4523	2155	4482	3226	3396	3282	3339	3339
			198	2151	-1205	1657	-711	707	360	530	416	473	473
			395	-715	-4481	-1209	-3576	-2279	-3203	-2336	-2449	-2393	-2393
104	Piano 2	7-19	0	4991	1810	3573	2070	3573	2651	2715	2672	2694	2694
			115	1539	-228	1279	32	876	614	677	635	656	656
			230	-498	-2628	-759	-2005	-1340	-1873	-1361	-1403	-1382	-1382
105	Piano 2	8-12	0	5176	1926	3707	2180	3707	2649	2862	2720	2791	2791
			203	718	-1012	464	-758	-6	-333	-76	-218	-147	-147
			405	-2220	-5886	-2474	-4203	-2944	-4203	-3014	-3156	-3085	-3085
106	Piano 2	13-16	0	1947	151	1679	419	1359	1044	1051	1047	1049	1049
			75	859	-937	591	-669	-34	-80	-36	-41	-39	-39
			150	-229	-2114	-497	-1756	-1122	-1513	-1124	-1129	-1127	-1127
107	Piano 2	17-14	0	1973	1006	1412	1024	1412	1061	1070	1064	1067	1067
			75	39	-82	21	-64	-15	-28	-18	-24	-21	-21
			150	-1049	-2038	-1067	-1460	-1103	-1460	-1106	-1112	-1109	-1109
108	Piano 2	18-19	0	484	117	417	168	353	293	293	293	293	293
			90	179	-174	127	-122	9	2	3	2	2	2
			180	-112	-464	-163	-412	-288	-335	-288	-288	-288	-288
109	Piano 3	5-6	0	4729	2395	3420	2416	3420	2428	2484	2447	2465	2465
			188	360	99	259	120	259	132	188	151	169	169
			376	-2056	-4076	-2077	-2947	-2089	-2947	-2108	-2145	-2126	-2126
110	Piano 3	9-5	0	4810	2399	3477	2431	3477	2496	2514	2502	2508	2508
			213	22	-194	-10	-163	-74	-109	-80	-92	-86	-86
			425	-2572	-5084	-2604	-3681	-2668	-3681	-2674	-2686	-2680	-2680
111	Piano 3	8-7	0	4788	2195	3465	2289	3465	2473	2530	2492	2511	2511
			198	415	-216	322	-123	145	62	118	81	99	99
			395	-1996	-4458	-2090	-3221	-2274	-3221	-2293	-2331	-2312	-2312
112	Piano 3	8-12	0	4882	2345	3536	2412	3536	2526	2593	2549	2571	2571
			203	324	-127	257	-60	142	54	120	76	98	98
			405	-2149	-4607	-2215	-3325	-2330	-3325	-2352	-2396	-2374	-2374
113	Piano 3	13-16	0	2426	283	1802	550	1743	1172	1177	1174	1176	1176
			78	875	-911	608	-644	-15	-39	-17	-20	-18	-18
			155	-319	-2531	-586	-1838	-1209	-1818	-1210	-1214	-1212	-1212
114	Piano 3	14-17	0	1723	742	1246	789	1246	892	903	896	899	899
			76	141	-173	94	-126	-9	-23	-13	-19	-16	-16
			151	-774	-1773	-821	-1283	-925	-1283	-928	-935	-931	-931

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

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

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

Tabella 25.I

				Momento Flettente (M_{xy}) [daNm]									
				SLV		SLD		SLE					
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Caratteristiche		Frequenti		Quasi Permanenti	
								Max	Min	Max	Min	Max	Min
1	Fond.	1-2	0	3309	-4906	2086	-3684	933	-2531	67	-1665	-799	-799
			20	2995	-4408	1897	-3310	653	-2066	-27	-1386	-707	-707
			40	2817	-4048	1803	-3034	419	-1649	-98	-1132	-615	-615
2	Fond.	1-2	0	2892	-4143	1853	-3104	424	-1675	-101	-1150	-625	-625

RELAZIONE DI CALCOLO -

			28	2544	-3587	1643	-2686	55	-1098	-233	-810	-521	-521
			55	2248	-3086	1464	-2302	-234	-604	-326	-512	-419	-419
3	Fond.	1-2	0	2248	-3086	1464	-2302	-234	-604	-326	-512	-419	-419
			28	2094	-2730	1382	-2018	-188	-448	-253	-383	-318	-318
			55	1948	-2384	1306	-1741	157	-592	-30	-405	-218	-218
4	Fond.	1-2	0	1781	-2203	1189	-1612	170	-592	-21	-402	-211	-211
			46	1967	-2147	1355	-1534	521	-700	216	-395	-90	-90
			91	1810	-1737	1280	-1207	717	-644	377	-304	36	36
5	Fond.	1-2	0	1761	-1695	1245	-1178	722	-655	378	-311	33	33
			46	1798	-1455	1312	-969	829	-487	500	-158	171	171
			91	2655	-2011	1967	-1323	821	-176	571	73	322	322
6	Fond.	1-2	0	2931	-2252	2168	-1489	791	-112	565	114	340	340
			46	4001	-2953	2981	-1933	846	202	685	363	524	524
			91	5263	-3808	3930	-2474	911	654	765	691	728	728
7	Fond.	9-1	0	3982	-2329	3045	-1392	1526	127	1176	477	827	827
			38	3044	-1937	2307	-1201	906	200	730	377	553	553
			77	1887	-1331	1414	-858	521	35	399	157	278	278
8	Fond.	9-1	0	1820	-1225	1372	-777	537	58	417	177	297	297
			38	878	-756	634	-512	339	-217	200	-78	61	61
			77	1268	-1633	835	-1200	378	-744	98	-463	-183	-183
9	Fond.	9-1	0	1430	-1767	953	-1290	457	-794	144	-481	-168	-168
			38	2132	-3090	1352	-2311	553	-1512	37	-995	-479	-479
			77	3202	-4809	2011	-3617	884	-2490	40	-1647	-803	-803
10	Fond.	2-5	0	5197	-3800	3874	-2477	845	670	713	684	699	699
			43	2885	-1875	2185	-1175	694	316	599	410	505	505
			87	1077	-418	857	-198	609	50	469	190	330	330
11	Fond.	2-5	0	750	-96	535	-25	535	-25	395	115	255	255
			43	1325	-1239	948	-862	265	-179	154	-68	43	43
			87	2309	-2623	1584	-1899	-125	-322	-141	-173	-157	-157
12	Fond.	2-5	0	2607	-2991	1785	-2168	-177	-359	-184	-200	-192	-192
			43	3773	-4561	2549	-3336	-117	-783	-256	-532	-394	-394
			87	4670	-5853	3124	-4307	87	-1285	-252	-931	-591	-591
13	Fond.	3-4	0	4034	-2440	3081	-1487	964	707	842	752	797	797
			45	3018	-1752	2318	-1052	967	299	800	466	633	633
			90	2328	-1400	1778	-850	928	0	696	232	464	464
14	Fond.	3-4	0	2146	-1254	1644	-751	954	-61	700	192	446	446
			45	1828	-1234	1371	-777	962	-368	630	-35	297	297
			90	1837	-1550	1332	-1044	842	-555	493	-206	144	144
15	Fond.	3-4	0	1893	-1610	1369	-1086	833	-550	487	-204	142	142
			45	1958	-1982	1371	-1395	617	-641	302	-327	-12	-12
			90	1653	-2001	1111	-1458	241	-589	34	-381	-174	-174
16	Fond.	3-4	0	1745	-2110	1172	-1538	229	-595	23	-389	-183	-183
			28	1493	-2128	956	-1592	-140	-496	-229	-407	-318	-318
			55	1373	-2287	835	-1749	-332	-588	-395	-519	-457	-457
17	Fond.	3-4	0	1373	-2287	835	-1749	-332	-588	-395	-519	-457	-457
			28	1481	-2682	869	-2070	-98	-1103	-349	-852	-600	-600
			55	1680	-3177	961	-2457	212	-1708	-268	-1228	-748	-748
18	Fond.	3-4	0	1640	-3108	937	-2405	216	-1684	-259	-1209	-734	-734
			22	1900	-3630	1077	-2807	431	-2160	-217	-1513	-865	-865
			44	2481	-4476	1442	-3437	700	-2695	-149	-1846	-998	-998
19	Fond.	8-3	0	2785	-4540	1709	-3464	-320	-1479	-599	-1156	-878	-878
			43	2349	-3613	1473	-2737	-461	-948	-546	-718	-632	-632
			87	1662	-2427	1061	-1826	-314	-580	-348	-417	-382	-382
20	Fond.	8-3	0	1452	-2116	928	-1592	-223	-543	-278	-387	-332	-332
			43	933	-1098	635	-800	196	-362	57	-222	-83	-83
			87	705	-235	497	-129	497	-129	340	27	184	184
21	Fond.	8-3	0	816	-177	592	-43	580	-32	427	121	274	274
			43	2097	-1097	1627	-627	696	304	598	402	500	500
			87	3943	-2429	3004	-1491	886	713	779	735	757	757
22	Fond.	4-12	0	2394	-4377	1383	-3366	666	-2648	-163	-1820	-991	-991
			38	1945	-3118	1189	-2362	430	-1603	-78	-1095	-586	-586
			77	1407	-1817	926	-1335	417	-826	106	-516	-205	-205
23	Fond.	4-12	0	1272	-1672	832	-1233	358	-758	79	-479	-200	-200
			38	889	-666	659	-435	394	-170	253	-29	112	112
			77	1498	-677	1178	-357	660	161	535	286	411	411
24	Fond.	4-12	0	1534	-720	1203	-389	659	155	533	281	407	407
			38	2459	-984	1945	-470	1104	371	921	554	737	737
			77	3709	-1580	2918	-789	1781	349	1423	707	1065	1065
25	Fond.	5-6	0	3793	-3282	2754	-2243	2268	-1758	1262	-751	255	255
			188	1781	-1831	1244	-1295	388	-438	181	-232	-25	-25
			376	3937	-4178	2578	-2832	2578	-2832	1226	-1479	-127	-127
26	Fond.	9-5	0	4505	-5967	2940	-4402	1658	-3121	464	-1926	-731	-731
			213	2241	-2281	1568	-1608	0	-43	-10	-30	-20	-20
			425	3385	-1610	2648	-874	2176	-402	1532	243	887	887
27	Fond.	6-7	0	6463	-5960	4638	-4135	1126	-623	688	-186	251	251
			90	589	-667	378	-459	378	-459	169	-250	-40	-40
			180	5888	-6596	4052	-4760	443	-1151	45	-752	-354	-354
28	Fond.	6-10	0	5004	-5685	3434	-4115	1393	-2074	527	-1207	-340	-340
			36	2317	-2730	1576	-1988	964	-1376	379	-791	-206	-206
			73	892	-1034	606	-748	515	-657	222	-364	-71	-71
29	Fond.	6-10	0	1197	-1253	837	-893	459	-515	216	-272	-28	-28
			36	3706	-3568	2639	-2501	86	52	78	61	69	69
			73	6594	-6262	4709	-4376	644	-312	405	-73	166	166
30	Fond.	7-8	0	3734	-4113	2436	-2796	2436	-2796	1128	-1488	-180	-180
			198	1741	-1963	1189	-1412	336	-559	112	-335	-111	-111
			395	2464	-3205	1658	-2121	1658	-2121	713	-1176	-231	-231
31	Fond.	7-11	0	5612	-5988	3909	-4285	1534	-1910	673	-1049	-188	-188
			36	2738	-2940	1904	-2106	1056	-1258	477	-680	-101	-101
			73	985	-1013	688	-715	558	-585	272	-299	-14	-14
32	Fond.	7-11	0	1169	-1226	813	-870	445	-502	208	-265	-29	-29
			36	3889	-3662	2781	-2553	115	89	115	113	114	114
			73	6836	-6325	4906	-4395	752	-240	504	8	256	256
33	Fond.	8-12	0	2837	-1042	1995	-592	1995	-592	1348	55	701	701
			203	2098	-2085	1475	-1462	73	-60	40	-27	6	6
			405	4366	-5955	2823	-4413	1604	-3194	404	-1994	-795	-795

RELAZIONE DI CALCOLO -

34	Fond.	15-9	0	4888	-4916	3441	-3470	3218	-3247	1602	-1631	-14	-14
			50	3903	-3911	2743	-2751	1965	-1973	981	-989	-4	-4
			100	3186	-3174	2240	-2228	1090	-1078	548	-536	6	6
35	Fond.	15-9	0	2953	-2956	2074	-2077	810	-813	404	-408	-2	-2
			50	2336	-2325	1639	-1629	16	-15	11	0	5	5
			100	1957	-1931	1376	-1350	519	-493	266	-240	13	13
36	Fond.	15-9	0	1844	-1838	1295	-1288	637	-630	320	-314	3	3
			50	1728	-1710	1208	-1191	1008	-991	508	-491	9	9
			100	1796	-1754	1246	-1213	1200	-1167	608	-575	16	16
37	Fond.	15-9	0	1846	-1831	1232	-1220	1232	-1220	619	-607	6	6
			50	2078	-2028	1387	-1350	1387	-1350	703	-666	18	18
			100	2133	-2040	1425	-1357	1425	-1357	729	-661	34	34
38	Fond.	15-9	0	2111	-2046	1409	-1363	1409	-1363	716	-670	23	23
			50	2108	-2029	1407	-1351	1407	-1351	717	-662	28	28
			100	1936	-1832	1319	-1246	1293	-1220	664	-592	36	36
39	Fond.	15-9	0	1861	-1823	1319	-1281	1229	-1191	624	-586	19	19
			50	2015	-1931	1436	-1353	1089	-1006	565	-482	42	42
			100	2137	-2001	1528	-1392	785	-649	427	-290	68	68
40	Fond.	15-9	0	2177	-2075	1550	-1448	659	-557	355	-253	51	51
			50	2339	-2234	1663	-1558	248	-142	150	-45	53	53
			100	2342	-2228	1662	-1548	538	-424	298	-183	57	57
41	Fond.	15-9	0	2378	-2296	1682	-1600	759	-677	400	-318	41	41
			50	2551	-2349	1774	-1622	1698	-1546	887	-735	76	76
			100	4500	-4161	2999	-2776	2999	-2776	1555	-1332	111	111
42	Fond.	10-11	0	4240	-3290	3134	-2185	738	211	3207	343	475	475
			45	2339	-1819	1728	-1208	659	-138	459	61	260	260
			90	663	-553	451	-360	451	-360	248	-157	45	45
43	Fond.	10-11	0	609	-610	409	-404	409	-404	205	-201	2	2
			45	1807	-2260	1210	-1663	179	-633	-24	-430	-227	-227
			90	3331	-4254	2217	-3140	-184	-739	-323	-600	-462	-462
44	Fond.	10-13	0	2192	-2792	1462	-2061	-55	-544	-177	-422	-300	-300
			47	1264	-1713	826	-1275	-62	-386	-143	-305	-224	-224
			94	663	-964	421	-723	-19	-283	-85	-217	-151	-151
45	Fond.	10-13	0	447	-722	272	-547	-49	-226	-93	-181	-137	-137
			47	454	-655	286	-487	-80	-122	-90	-111	-101	-101
			94	855	-984	580	-709	6	-135	-29	-100	-65	-65
46	Fond.	10-13	0	961	-1078	657	-774	30	-147	-14	-102	-58	-58
			47	1271	-1319	886	-934	50	-98	13	-61	-24	-24
			94	1299	-1275	917	-892	19	5	16	9	12	12
47	Fond.	10-13	0	1322	-1283	934	-896	37	1	28	10	19	19
			47	1296	-1183	928	-815	178	-65	117	-4	56	56
			94	981	-782	719	-520	400	-201	250	-51	99	99
48	Fond.	10-13	0	921	-704	680	-463	450	-233	279	-62	108	108
			47	1102	-703	754	-449	754	-449	454	-148	153	153
			94	1679	-1144	1146	-736	1146	-736	675	-266	205	205
49	Fond.	10-13	0	1814	-1227	1238	-789	1238	-789	731	-282	225	225
			47	2483	-1713	1693	-1104	1693	-1104	994	-404	295	295
			94	3806	-3061	2783	-2037	2217	-1472	1295	-549	373	373
50	Fond.	11-14	0	2480	-2949	1684	-2153	13	-481	-111	-358	-234	-234
			47	1506	-1888	1007	-1389	-29	-354	-110	-273	-191	-191
			94	853	-1154	556	-857	-19	-282	-85	-216	-151	-151
51	Fond.	11-14	0	612	-919	384	-691	-66	-240	-110	-197	-153	-153
			47	428	-638	266	-476	-80	-128	-94	-117	-105	-105
			94	868	-987	591	-710	14	-132	-23	-96	-59	-59
52	Fond.	11-14	0	966	-1106	657	-797	21	-161	-25	-116	-70	-70
			47	1310	-1387	909	-985	38	-115	0	-77	-38	-38
			94	1377	-1392	966	-980	-3	-12	-5	-9	-7	-7
53	Fond.	11-14	0	1389	-1436	969	-1016	-8	-39	-16	-31	-24	-24
			47	1397	-1385	984	-972	125	-113	66	-54	6	6
			94	1102	-1027	787	-711	337	-261	187	-112	38	38
54	Fond.	11-14	0	1030	-987	731	-688	361	-319	191	-149	21	21
			47	968	-836	654	-549	654	-549	353	-248	52	52
			94	1525	-1301	1030	-854	1030	-854	559	-383	88	88
55	Fond.	11-14	0	1624	-1423	1095	-936	1095	-936	588	-428	80	80
			47	2277	-1929	1539	-1265	1539	-1265	838	-564	137	137
			94	3031	-2625	2181	-1781	2050	-1650	1125	-725	200	200
56	Fond.	12-20	0	4768	-3968	3200	-2625	3200	-2625	1744	-1169	287	287
			50	2786	-2141	1874	-1410	1874	-1410	1053	-589	232	232
			100	2195	-1835	1598	-1237	914	-554	547	-187	180	180
57	Fond.	12-20	0	2125	-1765	1544	-1185	676	-316	428	-68	180	180
			50	2189	-1887	1585	-1283	335	-33	243	59	151	151
			100	2090	-1828	1512	-1251	730	-469	430	-169	131	131
58	Fond.	12-20	0	2074	-1815	1502	-1242	839	-580	484	-225	130	130
			50	2012	-1839	1447	-1273	1130	-956	608	-435	87	87
			100	1903	-1796	1359	-1251	1260	-1153	657	-550	54	54
59	Fond.	12-20	0	1953	-1808	1359	-1255	1306	-1201	679	-574	52	52
			50	2111	-2024	1409	-1347	1409	-1347	720	-658	31	31
			100	2106	-2051	1405	-1367	1405	-1367	712	-674	19	19
60	Fond.	12-20	0	2107	-2067	1405	-1378	1405	-1378	710	-682	14	14
			50	2048	-2063	1364	-1376	1364	-1376	679	-691	-6	-6
			100	1818	-1865	1239	-1275	1210	-1245	596	-632	-18	-18
61	Fond.	12-20	0	1802	-1845	1255	-1298	1164	-1207	572	-614	-21	-21
			50	1781	-1831	1236	-1286	978	-1027	477	-526	-25	-25
			100	1834	-1876	1281	-1322	616	-657	298	-339	-21	-21
62	Fond.	12-20	0	1953	-1995	1364	-1405	488	-530	234	-276	-21	-21
			50	2364	-2392	1653	-1681	-6	-33	-10	-18	-14	-14
			100	3107	-3107	2181	-2182	809	-809	404	-405	0	0
63	Fond.	12-20	0	3363	-3352	2364	-2353	1086	-1076	546	-535	5	5
			50	4266	-4197	3009	-2940	2003	-1934	1019	-950	35	35
			100	5252	-5112	3715	-3575	3306	-3166	1688	-1548	70	70
64	Fond.	13-14	0	6455	-5816	4633	-3994	2125	-1486	1222	-583	319	319
			90	2908	-3283	1923	-2204	1923	-2204	891	-1173	-141	-141
			180	6636	-7814	4491	-5669	1203	-2382	307	-1486	-589	-589
65	Fond.	13-21	0	4919	-4723	3284	-3144	3284	-3144	1677	-1537	70	70
			45	2438	-2702	1673	-1937	-79	-185	-105	-159	-132	-132

RELAZIONE DI CALCOLO -

66	Fond.	14-22	0	4539	-5427	2991	-3653	2991	-3653	1330	-1992	-331	-331
			45	4358	-5267	2861	-3555	2861	-3555	1257	-1951	-347	-347
			90	2906	-3187	1999	-2279	-68	-196	-112	-168	-140	-140
			90	5090	-4872	3393	-3248	3393	-3248	1733	-1588	73	73
67	Fond.	15-16	0	4899	-4871	3440	-3423	3265	-3248	1637	-1620	9	9
			48	3222	-3210	2225	-2219	2147	-2141	1075	-1069	3	3
			95	2010	-2018	1414	-1421	1334	-1341	665	-673	-4	-4
68	Fond.	15-16	0	1838	-1858	1289	-1309	1086	-1106	538	-558	-10	-10
			48	1756	-1782	1223	-1249	310	-336	148	-175	-13	-13
			95	2181	-2213	1525	-1557	187	-219	85	-118	-16	-16
69	Fond.	15-16	0	2346	-2384	1639	-1678	284	-322	132	-171	-19	-19
			45	2920	-2962	2040	-2082	733	-775	356	-398	-21	-21
			90	3303	-3346	2309	-2353	1026	-1069	502	-545	-22	-22
70	Fond.	15-16	0	3303	-3346	2309	-2353	1026	-1069	502	-545	-22	-22
			45	3480	-3521	2435	-2476	1191	-1232	585	-626	-21	-21
			90	3409	-3444	2386	-2421	1245	-1280	614	-649	-18	-18
71	Fond.	15-16	0	3267	-3307	2286	-2326	1193	-1233	587	-626	-20	-20
			39	3095	-3131	2166	-2203	1150	-1187	566	-602	-18	-18
			77	2765	-2792	1936	-1964	1037	-1064	511	-539	-14	-14
72	Fond.	15-16	0	2717	-2753	1902	-1938	1002	-1038	492	-528	-18	-18
			39	2481	-2503	1738	-1760	879	-901	434	-456	-11	-11
			77	2089	-2089	1466	-1466	676	-676	338	-338	0	0
73	Fond.	15-16	0	2068	-2073	1451	-1456	637	-642	317	-322	-3	-3
			39	1707	-1679	1202	-1175	398	-371	206	-179	14	14
			77	1179	-1109	838	-768	57	13	46	24	35	35
74	Fond.	15-16	0	1146	-1077	815	-746	76	-7	55	14	35	35
			39	935	-808	676	-549	543	-417	303	-177	63	63
			77	1711	-1452	1152	-956	1152	-956	625	-429	98	98
75	Fond.	16-21	0	1817	-1557	1223	-1026	1223	-1026	661	-464	98	98
			30	2703	-2336	1818	-1542	1818	-1542	978	-702	138	138
			60	3736	-3249	2510	-2146	2510	-2146	1346	-982	182	182
76	Fond.	16-21	0	3849	-3351	2587	-2214	2587	-2214	1386	-1014	186	186
			30	4856	-4164	3265	-2748	3265	-2748	1762	-1245	259	259
			60	6010	-5111	4042	-3372	4042	-3372	2188	-1519	335	335
77	Fond.	17-20	0	1605	-1532	1071	-1020	1071	-1020	549	-497	26	26
			40	1227	-1199	868	-840	471	-442	242	-214	14	14
			80	1384	-1380	973	-969	15	-13	9	-4	2	2
78	Fond.	17-20	0	1438	-1411	1014	-987	72	-45	43	-16	14	14
			40	1964	-1947	1382	-1365	432	-415	220	-203	8	8
			80	2319	-2313	1629	-1623	678	-672	341	-334	3	3
79	Fond.	17-20	0	2360	-2325	1662	-1627	732	-697	375	-340	18	18
			40	2738	-2703	1926	-1892	941	-906	479	-444	17	17
			80	2953	-2919	2077	-2043	1060	-1026	539	-504	17	17
80	Fond.	17-20	0	3020	-2951	2129	-2060	1108	-1039	571	-503	34	34
			40	3328	-3255	2346	-2272	1219	-1146	628	-554	37	37
			80	3468	-3388	2444	-2364	1252	-1172	646	-566	40	40
81	Fond.	17-20	0	3622	-3521	2555	-2454	1312	-1211	681	-580	50	50
			45	3599	-3519	2535	-2455	1224	-1144	632	-552	40	40
			90	3369	-3310	2370	-2311	1019	-960	524	-465	30	30
82	Fond.	17-20	0	3369	-3310	2370	-2311	1019	-960	524	-465	30	30
			45	2950	-2914	2074	-2038	676	-641	347	-312	18	18
			90	2228	-2220	1565	-1556	167	-159	86	-77	4	4
83	Fond.	17-20	0	2071	-2053	1456	-1438	89	-71	49	-31	9	9
			45	1917	-1925	1341	-1349	458	-465	227	-235	-4	-4
			89	2086	-2125	1461	-1501	1206	-1245	593	-633	-20	-20
84	Fond.	17-20	0	2317	-2345	1627	-1655	1416	-1444	701	-729	-14	-14
			45	3368	-3454	2364	-2450	2179	-2264	1068	-1153	-43	-43
			89	5059	-5211	3536	-3687	3207	-3359	1566	-1717	-76	-76
85	Fond.	22-17	0	5703	-5411	3805	-3605	3805	-3605	1953	-1752	100	100
			30	4611	-4401	3076	-2932	3076	-2932	1574	-1430	72	72
			60	3659	-3532	2440	-2354	2440	-2354	1241	-1156	43	43
86	Fond.	22-17	0	3559	-3417	2374	-2276	2374	-2276	1211	-1114	49	49
			30	2562	-2466	1709	-1643	1709	-1643	871	-805	33	33
			60	1706	-1656	1138	-1104	1138	-1104	578	-543	17	17
87	Piano 1	2-18	0	382	-976	224	-681	224	-681	-2	-455	-228	-228
			188	93	-121	62	-80	62	-80	26	-45	-9	-9
			375	1161	-624	805	-385	805	-385	507	-88	210	210
88	Piano 1	19-3	0	1035	-747	709	-479	709	-479	412	-182	115	115
			187	97	-121	65	-80	65	-80	28	-44	-8	-8
			374	506	-842	318	-580	318	-580	94	-355	-131	-131
89	Piano 1	5-6	0	633	-1617	373	-1127	373	-1127	-2	-752	-377	-377
			188	-50	-99	-42	-71	-42	-71	-46	-54	-50	-50
			376	1457	-744	1011	-457	1011	-457	644	-90	277	277
90	Piano 1	9-5	0	1140	-120	804	-36	804	-36	594	174	384	384
			213	71	-174	41	-122	41	-122	0	-81	-40	-40
			425	261	-1487	118	-1047	118	-1047	-173	-756	-465	-465
91	Piano 1	6-7	0	159	-349	97	-242	97	-242	12	-158	-73	-73
			90	307	-187	212	-117	212	-117	130	-35	47	47
			180	454	-24	327	8	327	8	247	88	168	168
92	Piano 1	6-18	0	961	-400	672	-235	672	-235	445	-9	218	218
			115	0	-16	-1	-11	-1	-11	-3	-9	-6	-6
			230	368	-961	213	-673	213	-673	-9	-452	-230	-230
93	Piano 1	7-8	0	1199	-847	822	-542	822	-542	481	-201	140	140
			198	-35	-107	-29	-77	-29	-77	-40	-63	-52	-52
			395	777	-1407	485	-971	485	-971	121	-607	-243	-243
94	Piano 1	7-19	0	654	-689	432	-463	432	-463	208	-239	-16	-16
			115	-4	-15	-3	-11	-3	-11	-5	-9	-7	-7
			230	660	-661	442	-438	442	-438	222	-218	2	2
95	Piano 1	8-12	0	398	-1361	219	-954	219	-954	-74	-661	-367	-367
			203	121	-105	80	-70	80	-70	43	-33	5	5
			405	1151	-156	813	-58	813	-58	595	159	377	377
96	Piano 1	18-19	0	201	-256	132	-173	132	-173	56	-97	-21	-21
			90	288	-171	199	-107	199	-107	123	-30	46	46
			180	375	-86	267	-41	267	-41	190	36	113	113
97	Piano 2	2-18	0	398	-545	230	-399	230	-399	30	-256	-113	-113

			188	-48	-150	-37	-105	-37	-105	-49	-74	-61	-61
			375	449	-699	325	-440	325	-440	157	-177	-10	-10
98	Piano 2	19-3	0	136	-991	92	-659	92	-659	-61	-368	-214	-214
			187	21	-162	15	-107	15	-107	-8	-54	-31	-31
			374	666	-94	445	-61	445	-61	259	45	152	152
99	Piano 2	5-6	0	313	-926	149	-676	149	-676	-80	-477	-278	-278
			188	-101	-177	-100	-128	-100	-128	-101	-102	-101	-101
			376	650	-664	472	-404	472	-404	274	-122	76	76
100	Piano 2	9-5	0	985	127	712	141	712	141	570	284	427	427
			213	84	-128	46	-95	46	-95	-4	-65	-34	-34
			425	-20	-1242	-88	-903	-88	-903	-292	-699	-496	-496
101	Piano 2	6-7	0	-564	-854	-496	-639	-496	-639	-530	-598	-564	-564
			90	108	-239	77	-154	77	-154	28	-71	-21	-21
			180	856	376	651	331	651	331	586	456	521	521
102	Piano 2	6-18	0	895	44	673	106	673	106	551	307	429	429
			115	-6	-15	-5	-11	-5	-11	-6	-9	-8	-8
			230	-56	-924	-116	-695	-116	-695	-320	-570	-445	-445
103	Piano 2	7-8	0	343	-1006	239	-660	239	-660	44	-347	-152	-152
			198	-74	-141	-57	-102	-57	-102	-66	-83	-74	-74
			395	786	-593	497	-422	497	-422	216	-209	4	4
104	Piano 2	7-19	0	1211	493	861	383	861	383	665	477	571	571
			115	-16	-22	-13	-17	-13	-17	-16	-17	-17	-17
			230	-537	-1242	-417	-887	-417	-887	-511	-698	-604	-604
105	Piano 2	8-12	0	303	-1003	149	-722	149	-722	-69	-504	-286	-286
			203	240	-34	161	-22	161	-22	94	17	55	55
			405	934	91	678	115	678	115	537	256	397	397
106	Piano 2	13-16	0	122	5	84	6	84	6	57	23	40	40
			75	182	21	126	18	126	18	83	40	61	61
			150	241	36	167	31	167	31	109	57	83	83
107	Piano 2	17-14	0	335	158	245	127	245	127	213	155	184	184
			75	309	152	226	121	226	121	196	146	171	171
			150	283	145	207	115	207	115	179	137	158	158
108	Piano 2	18-19	0	-455	-754	-370	-556	-370	-556	-413	-498	-455	-455
			90	99	-252	70	-164	70	-164	18	-84	-33	-33
			180	673	251	509	228	509	228	450	330	390	390
109	Piano 3	5-6	0	394	-258	218	-217	218	-217	-66	-166	-116	-116
			188	70	-196	24	-153	24	-153	-71	-126	-98	-98
			376	-80	-271	-71	-181	-71	-181	-75	-85	-80	-80
110	Piano 3	9-5	0	354	13	262	35	262	35	210	104	157	157
			213	173	-5	107	-12	107	-12	13	-4	5	5
			425	334	-364	178	-287	178	-287	-78	-217	-147	-147
111	Piano 3	8-7	0	301	-692	218	-444	218	-444	83	-187	-52	-52
			198	214	-122	156	-68	156	-68	105	2	53	53
			395	449	127	308	94	308	94	191	126	159	159
112	Piano 3	8-12	0	556	-449	344	-326	344	-326	106	-182	-38	-38
			203	337	46	229	34	229	34	136	68	102	102
			405	541	82	395	89	395	89	319	166	242	242
113	Piano 3	13-16	0	978	-877	700	-600	97	28	61	39	50	50
			78	263	-209	193	-138	59	5	38	16	27	27
			155	1388	-1379	974	-965	26	-18	15	-7	4	4
114	Piano 3	14-17	0	-39	-97	-42	-71	-42	-71	-48	-62	-55	-55
			76	-48	-120	-51	-87	-51	-87	-59	-75	-67	-67
			151	-42	-142	-53	-104	-60	-104	-69	-88	-79	-79

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

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

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

Tabella 26.I

				Taglio (T _{xy}) [daN]									
				SLV		SLD		Caratteristiche		SLE			
Asta	Imp.	Fili	X [cm]	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1	Fond.	1-2	0	4586	-5514	3076	-4004	1517	-2445	527	-1454	-464	-464
			20	4005	-4923	2670	-3589	1284	-2203	412	-1331	-459	-459
			40	3442	-4351	2278	-3187	1058	-1967	302	-1210	-454	-454
2	Fond.	1-2	0	3970	-4734	2669	-3433	1490	-2254	554	-1318	-382	-382
			28	3227	-3978	2151	-2902	1193	-1943	409	-1159	-375	-375
			55	2520	-3259	1657	-2396	912	-1651	271	-1010	-369	-369
3	Fond.	1-2	0	2591	-3330	1707	-2445	912	-1651	271	-1010	-369	-369
			28	1916	-2648	1235	-1966	649	-1380	142	-873	-366	-366
			55	1686	-2415	1078	-1807	403	-1132	19	-748	-364	-364
4	Fond.	1-2	0	1465	-1995	950	-1480	427	-956	81	-611	-265	-265
			46	1572	-2111	1030	-1570	52	-591	-109	-430	-270	-270
			91	1869	-2437	1234	-1802	-278	-346	-281	-287	-284	-284
5	Fond.	1-2	0	1572	-2153	1025	-1607	-208	-409	-249	-332	-291	-291
			46	1928	-2557	1266	-1896	-103	-527	-209	-421	-315	-315
			91	2437	-3134	1612	-2308	138	-834	-105	-591	-348	-348

RELAZIONE DI CALCOLO -

6	Fond.	1-2	0	1918	-2687	1238	-2007	-232	-537	-308	-460	-384	-384
			46	2357	-3206	1532	-2381	-10	-839	-217	-632	-425	-425
			91	3053	-3989	2007	-2944	203	-1139	-133	-804	-468	-468
7	Fond.	9-1	0	3521	-2096	2681	-1257	1918	-494	1315	109	712	712
			38	3509	-2079	2674	-1244	1312	117	1013	416	715	715
			77	3533	-2088	2696	-1251	895	698	735	710	723	723
8	Fond.	9-1	0	3204	-1985	2428	-1210	853	394	717	501	609	609
			38	3399	-2150	2574	-1325	1042	207	834	416	625	625
			77	4200	-2903	3148	-1852	1708	-412	1178	118	648	648
9	Fond.	9-1	0	3864	-2273	2952	-1361	1535	57	1165	426	796	796
			38	4800	-3145	3625	-1970	2213	-558	1520	134	827	827
			77	5837	-4107	4371	-2641	2894	-1164	1879	-149	865	865
10	Fond.	2-5	0	5977	-5037	4357	-3417	1118	-177	794	146	470	470
			43	4732	-3882	3466	-2616	781	68	603	247	425	425
			87	3635	-2864	2680	-1910	541	323	416	354	385	385
11	Fond.	2-5	0	4599	-3587	3396	-2384	682	490	514	498	506	506
			43	3641	-2693	2711	-1762	794	190	616	332	474	474
			87	2834	-1929	2134	-1230	1046	-142	749	155	452	452
12	Fond.	2-5	0	3990	-3044	2957	-2011	916	31	694	252	473	473
			43	3312	-2393	2474	-1555	1224	-304	842	78	460	460
			87	2740	-1832	2068	-1161	1548	-641	1001	-94	454	454
13	Fond.	3-4	0	3560	-2846	2607	-1893	1023	-309	690	24	357	357
			45	2811	-2070	2087	-1345	787	-45	579	163	371	371
			90	2077	-1317	1574	-814	541	219	461	299	380	380
14	Fond.	3-4	0	2663	-2009	1970	-1316	808	-154	568	86	327	327
			45	2043	-1371	1538	-867	551	120	443	228	336	336
			90	1679	-984	1288	-594	447	277	382	312	347	347
15	Fond.	3-4	0	1973	-1305	1489	-820	393	318	342	326	334	334
			45	1661	-961	1275	-576	650	49	500	199	350	350
			90	1775	-1035	1356	-616	1028	-288	699	41	370	370
16	Fond.	3-4	0	2074	-1108	1602	-635	1213	-246	848	119	483	483
			28	2570	-1574	1952	-956	1470	-474	984	12	498	498
			55	3285	-2258	2457	-1430	1748	-721	1131	-104	514	514
17	Fond.	3-4	0	3209	-2182	2405	-1377	1748	-721	1131	-104	514	514
			28	3963	-2904	2937	-1878	2046	-987	1288	-228	530	530
			55	4756	-3665	3497	-2407	2362	-1272	1453	-363	545	545
18	Fond.	3-4	0	4308	-3132	3196	-2021	2033	-858	1311	-135	588	588
			22	4969	-3771	3663	-2465	2297	-1099	1448	-250	599	599
			44	5652	-4436	4144	-2928	2566	-1350	1587	-371	608	608
19	Fond.	8-3	0	835	-2350	498	-1625	498	-1625	-33	-1094	-563	-563
			43	1281	-2416	737	-1872	150	-1286	-209	-927	-568	-568
			87	1895	-3062	1167	-2334	-197	-970	-390	-777	-583	-583
20	Fond.	8-3	0	879	-1999	456	-1576	-7	-1112	-284	-836	-560	-560
			43	1581	-2763	943	-2124	-358	-865	-474	-707	-591	-591
			87	2379	-3656	1491	-2769	-563	-837	-601	-677	-639	-639
21	Fond.	8-3	0	1679	-2657	1042	-2019	-389	-649	-439	-539	-489	-489
			43	2576	-3682	1655	-2761	-150	-956	-352	-754	-553	-553
			87	3567	-4830	2331	-3594	73	-1335	-279	-983	-631	-631
22	Fond.	4-12	0	2701	-4881	1581	-3761	898	-3078	-96	-2084	-1090	-1090
			38	1921	-3969	1048	-3095	328	-2375	-348	-1699	-1024	-1024
			77	1526	-3464	781	-2719	-259	-1680	-614	-1324	-969	-969
23	Fond.	4-12	0	1757	-3428	987	-2657	204	-1874	-316	-1355	-835	-835
			38	1628	-3217	904	-2493	-393	-1196	-594	-995	-795	-795
			77	1778	-3313	1017	-2552	-538	-1000	-653	-882	-768	-768
24	Fond.	4-12	0	1780	-3521	989	-2729	-857	-1012	-864	-877	-870	-870
			38	1899	-3611	1075	-2788	-249	-1464	-552	-1160	-856	-856
			77	1993	-3697	1142	-2846	363	-2067	-244	-1459	-852	-852
25	Fond.	5-6	0	2768	-2299	2009	-1541	1027	-558	630	-162	234	234
			188	1649	-1491	1129	-964	1129	-964	606	-441	82	82
			376	4061	-3975	2861	-2775	2510	-2424	1276	-1191	43	43
26	Fond.	9-5	0	6090	-6786	4164	-4860	1294	-1990	473	-1169	-348	-348
			213	779	-1498	445	-1137	353	-1044	4	-695	-346	-346
			425	3508	-4575	2305	-3372	137	-1203	-198	-868	-533	-533
27	Fond.	6-7	0	7247	-6608	5211	-4572	1284	-645	802	-163	319	319
			90	6998	-6333	5040	-4375	375	271	354	311	332	332
			180	7433	-6699	5354	-4620	1245	-511	806	-72	367	367
28	Fond.	6-10	0	7176	-7913	4961	-5698	1158	-1895	395	-1132	-368	-368
			36	7649	-8393	5294	-6038	1212	-1955	420	-1163	-372	-372
			73	8145	-8892	5645	-6391	1268	-2014	447	-1194	-373	-373
29	Fond.	6-10	0	6808	-7343	4731	-5266	998	-1533	365	-900	-268	-268
			36	7330	-7866	5100	-5636	1062	-1597	397	-933	-268	-268
			73	7869	-8404	5482	-6016	1136	-1670	434	-969	-267	-267
30	Fond.	7-8	0	4011	-4184	2784	-2957	2308	-2481	1111	-1284	-86	-86
			198	1432	-1332	939	-903	939	-903	479	-442	18	18
			395	2432	-2251	1732	-1550	768	-586	429	-248	91	91
31	Fond.	7-11	0	7704	-8181	5374	-5851	1292	-1769	526	-1004	-239	-239
			36	8162	-8643	5697	-6178	1347	-1828	553	-1034	-241	-241
			73	8641	-9124	6035	-6518	1403	-1886	581	-1064	-241	-241
32	Fond.	7-11	0	6877	-7662	4745	-5530	879	-1664	243	-1028	-393	-393
			36	7383	-8168	5103	-5887	943	-1728	276	-1060	-392	-392
			73	7908	-8689	5474	-6256	1019	-1800	314	-1096	-391	-391
33	Fond.	8-12	0	3982	-3309	2895	-2222	1055	-381	696	-22	337	337
			203	1596	-673	1112	-401	1112	-401	733	-23	355	355
			405	6911	-6027	4976	-4092	2089	-1205	1265	-382	442	442
34	Fond.	15-9	0	4359	-4415	2903	-2946	2903	-2946	1441	-1484	-21	-21
			50	3179	-3232	2117	-2157	2117	-2157	1048	-1089	-20	-20
			100	2099	-2152	1397	-1437	1397	-1437	688	-729	-20	-20
35	Fond.	15-9	0	2863	-2899	1908	-1933	1908	-1933	947	-973	-13	-13
			50	1930	-1969	1285	-1314	1285	-1314	636	-664	-14	-14
			100	1158	-1205	788	-822	771	-805	377	-411	-17	-17
36	Fond.	15-9	0	1415	-1433	996	-1014	936	-954	463	-481	-9	-9
			50	979	-1005	686	-712	522	-548	255	-281	-13	-13
			100	736	-772	512	-548	194	-230	88	-124	-18	-18
37	Fond.	15-9	0	922	-966	644	-687	399	-442	189	-232	-22	-22
			50	666	-721	460	-515	132	-187	52	-107	-28	-28

RELAZIONE DI CALCOLO -

38	Fond.	15-9	0	667	-611	369	-439	33	-102	-1	-69	-35	-35
			50	548	-679	466	-478	90	-102	42	-54	-6	-6
			100	529	-589	381	-408	112	-139	49	-76	-13	-13
39	Fond.	15-9	0	584	-666	355	-398	351	-394	165	-208	-21	-21
			50	584	-666	398	-480	139	-221	49	-131	-41	-41
			100	651	-789	431	-529	431	-529	191	-289	-49	-49
40	Fond.	15-9	0	894	-899	598	-597	598	-597	299	-298	0	0
			50	1595	-1619	1065	-1078	1065	-1078	529	-542	-6	-6
			100	2457	-2495	1639	-1662	1639	-1662	814	-837	-12	-12
41	Fond.	15-9	0	2115	-2312	1408	-1543	1408	-1543	670	-805	-68	-68
			50	3132	-3337	2085	-2227	2085	-2227	1007	-1149	-71	-71
			100	4269	-4474	2843	-2986	2843	-2986	1386	-1529	-71	-71
42	Fond.	10-11	0	4688	-3732	3451	-2495	922	33	700	255	478	478
			45	4374	-3422	3230	-2278	633	320	554	398	476	476
			90	4444	-3484	3280	-2320	605	355	543	418	480	480
43	Fond.	10-11	0	4332	-3323	3209	-2200	644	365	574	435	504	504
			45	4531	-3502	3351	-2322	656	373	585	444	515	515
			90	4763	-3703	3518	-2458	960	101	745	316	530	530
44	Fond.	10-13	0	2455	-2777	1685	-2008	67	-389	-47	-275	-161	-161
			47	1741	-2058	1182	-1499	-37	-280	-98	-219	-158	-158
			94	1041	-1351	688	-999	-150	-165	-153	-157	-155	-155
45	Fond.	10-13	0	1867	-2024	1294	-1451	214	-372	68	-225	-79	-79
			47	1186	-1340	814	-968	93	-246	8	-162	-77	-77
			94	526	-680	349	-503	-38	-116	-58	-97	-77	-77
46	Fond.	10-13	0	903	-1045	616	-757	-33	-108	-52	-90	-71	-71
			47	270	-418	168	-317	26	-174	-24	-124	-74	-74
			94	264	-476	165	-328	165	-328	42	-204	-81	-81
47	Fond.	10-13	0	137	-311	75	-223	69	-217	-3	-146	-74	-74
			47	399	-568	255	-424	214	-384	65	-234	-85	-85
			94	1079	-1275	729	-925	365	-561	134	-330	-98	-98
48	Fond.	10-13	0	591	-815	382	-555	382	-555	148	-321	-86	-86
			47	1290	-1494	876	-1080	535	-740	216	-421	-102	-102
			94	2080	-2319	1425	-1664	682	-922	281	-521	-120	-120
49	Fond.	10-13	0	1797	-2078	1221	-1502	601	-882	230	-511	-141	-141
			47	2644	-2960	1810	-2125	731	-1046	287	-602	-158	-158
			94	3541	-3886	2434	-2778	824	-1168	326	-670	-172	-172
50	Fond.	11-14	0	2562	-2749	1781	-1968	139	-325	23	-209	-93	-93
			47	1851	-2029	1280	-1458	35	-213	-27	-151	-89	-89
			94	1162	-1329	795	-962	-62	-91	-80	-87	-83	-83
51	Fond.	11-14	0	1921	-2132	1324	-1535	190	-400	42	-253	-105	-105
			47	1266	-1465	864	-1063	71	-271	-14	-185	-100	-100
			94	635	-826	420	-611	-55	-136	-75	-116	-95	-95
52	Fond.	11-14	0	1002	-1139	686	-823	-30	-107	-49	-88	-69	-69
			47	391	-524	256	-389	33	-166	-16	-116	-66	-66
			94	284	-456	180	-313	180	-313	57	-190	-67	-67
53	Fond.	11-14	0	272	-395	174	-297	82	-205	10	-133	-61	-61
			47	367	-533	236	-365	236	-365	86	-215	-64	-64
			94	963	-1104	655	-795	395	-535	162	-303	-70	-70
54	Fond.	11-14	0	625	-786	408	-533	408	-533	173	-298	-62	-62
			47	1154	-1296	789	-931	569	-710	249	-391	-71	-71
			94	1930	-2093	1330	-1493	723	-887	321	-484	-82	-82
55	Fond.	11-14	0	1641	-1872	1119	-1349	630	-860	257	-488	-115	-115
			47	2479	-2734	1702	-1957	765	-1020	319	-574	-127	-127
			94	3372	-3653	2324	-2605	860	-1141	360	-641	-141	-141
56	Fond.	12-20	0	4540	-4229	3035	-2811	3035	-2811	1573	-1350	112	112
			50	3399	-3096	2273	-2057	2273	-2057	1191	-974	108	108
			100	2363	-2087	1581	-1385	1581	-1385	840	-644	98	98
57	Fond.	12-20	0	2576	-2399	1723	-1594	1723	-1594	894	-764	65	65
			50	1685	-1548	1127	-1028	1127	-1028	589	-489	50	50
			100	948	-858	634	-571	634	-571	333	-269	32	32
58	Fond.	12-20	0	1425	-1165	959	-768	959	-768	527	-336	95	95
			50	830	-622	560	-408	560	-408	318	-166	76	76
			100	665	-552	483	-371	238	-126	147	-35	56	56
59	Fond.	12-20	0	636	-494	429	-324	429	-324	241	-136	52	52
			50	590	-524	423	-357	161	-95	97	-31	33	33
			100	718	-689	509	-480	110	-81	62	-33	15	15
60	Fond.	12-20	0	627	-530	454	-357	118	-21	84	14	49	49
			50	764	-701	546	-483	190	-127	110	-48	31	31
			100	963	-932	683	-652	436	-405	226	-195	15	15
61	Fond.	12-20	0	813	-785	575	-547	225	-197	120	-91	14	14
			50	1022	-1024	718	-720	534	-536	267	-269	-1	-1
			100	1470	-1500	1033	-1063	930	-961	458	-488	-15	-15
62	Fond.	12-20	0	1191	-1205	835	-850	780	-794	386	-401	-7	-7
			50	1924	-1976	1279	-1321	1279	-1321	629	-671	-21	-21
			100	2840	-2926	1888	-1956	1888	-1956	927	-995	-34	-34
63	Fond.	12-20	0	2066	-2200	1373	-1476	1370	-1474	659	-763	-52	-52
			50	3131	-3299	2079	-2208	2079	-2208	1007	-1136	-65	-65
			100	4299	-4499	2856	-3010	2856	-3010	1389	-1543	-77	-77
64	Fond.	13-14	0	8006	-6954	5787	-4734	1128	-75	827	226	526	526
			90	7910	-6909	5710	-4709	508	461	504	497	501	501
			180	8303	-7305	5985	-4987	1115	-117	807	191	499	499
65	Fond.	13-21	0	11543	-10317	7741	-6833	7741	-6833	4097	-3189	454	454
			45	11474	-10272	7694	-6804	7694	-6804	4069	-3179	445	445
			90	11535	-10344	7734	-6852	7734	-6852	4087	-3206	441	441
66	Fond.	14-22	0	10310	-11529	6826	-7733	6826	-7733	3186	-4094	-454	-454
			45	10235	-11487	6774	-7707	6774	-7707	3154	-4086	-466	-466
			90	10282	-11569	6804	-7763	6804	-7763	3162	-4121	-480	-480
67	Fond.	15-16	0	5501	-5481	3868	-3848	2684	-2663	1347	-1327	10	10
			48	3980	-3954	2801	-2775	2028	-2001	1020	-994	13	13
			95	2618	-2588	1845	-1815	1405	-1375	710	-680	15	15
68	Fond.	15-16	0	3539	-3527	2488	-2476	1919	-1907	962	-951	6	6
			48	2346	-2332	1651	-1637	1361	-1347	684	-670	7	7
			95	1322	-1309	932	-918	881	-868	444	-431	7	7
69	Fond.	15-16	0	2206	-2197	1551	-1543	1201	-1193	603	-595	4	4

RELAZIONE DI CALCOLO -

			45	1378	-1373	969	-964	820	-814	411	-406	3	3
			90	774	-775	545	-545	500	-500	250	-250	0	0
70	Fond.	15-16	0	812	-812	572	-572	500	-500	250	-250	0	0
			45	586	-594	409	-418	229	-238	112	-121	-4	-4
			90	551	-571	380	-400	-9	-14	-9	-11	-10	-10
71	Fond.	15-16	0	439	-442	306	-308	18	-21	8	-11	-1	-1
			39	713	-728	497	-513	202	-218	97	-113	-8	-8
			77	1072	-1104	746	-778	388	-419	186	-218	-16	-16
72	Fond.	15-16	0	478	-505	331	-358	222	-249	104	-131	-14	-14
			39	840	-886	582	-628	419	-465	198	-244	-23	-23
			77	1238	-1306	858	-926	637	-705	302	-370	-34	-34
73	Fond.	15-16	0	763	-848	525	-596	497	-569	231	-302	-36	-36
			39	1176	-1273	810	-906	744	-841	348	-445	-48	-48
			77	1637	-1762	1128	-1254	1026	-1151	482	-607	-63	-63
74	Fond.	15-16	0	1367	-1547	905	-1038	905	-1038	419	-552	-66	-66
			39	1846	-2069	1223	-1387	1223	-1387	570	-735	-82	-82
			77	2375	-2645	1574	-1772	1574	-1772	738	-936	-99	-99
75	Fond.	16-21	0	2378	-2718	1573	-1824	1573	-1824	724	-975	-126	-126
			30	2818	-3196	1865	-2144	1865	-2144	863	-1141	-139	-139
			60	3272	-3689	2167	-2474	2167	-2474	1007	-1314	-153	-153
76	Fond.	16-21	0	2563	-3110	1726	-2193	1630	-2096	698	-1165	-233	-233
			30	3053	-3605	2065	-2559	1933	-2427	843	-1337	-247	-247
			60	3563	-4084	2419	-2939	2225	-2746	983	-1503	-260	-260
77	Fond.	17-20	0	2544	-2454	1751	-1692	1696	-1636	863	-803	30	30
			40	1971	-1883	1347	-1288	1314	-1255	672	-613	30	30
			80	1454	-1370	978	-920	971	-912	500	-441	29	29
78	Fond.	17-20	0	1750	-1723	1231	-1204	1082	-1055	548	-521	13	13
			40	1270	-1243	894	-868	778	-752	396	-369	13	13
			80	829	-803	585	-560	512	-487	262	-237	13	13
79	Fond.	17-20	0	1256	-1255	881	-879	641	-640	321	-319	1	1
			40	845	-844	593	-592	407	-406	204	-203	0	0
			80	471	-471	328	-328	195	-195	98	-98	0	0
80	Fond.	17-20	0	1053	-1067	736	-750	366	-379	180	-193	-7	-7
			40	664	-677	463	-477	166	-180	80	-93	-7	-7
			80	488	-501	339	-352	21	-34	7	-20	-7	-7
81	Fond.	17-20	0	628	-584	445	-401	75	-31	49	-5	22	22
			45	703	-657	500	-455	319	-273	171	-125	23	23
			90	1031	-981	731	-682	600	-550	312	-263	25	25
82	Fond.	17-20	0	959	-910	681	-631	600	-550	312	-263	25	25
			45	1697	-1641	1201	-1145	935	-880	482	-426	28	28
			90	2584	-2519	1825	-1760	1339	-1274	686	-621	33	33
83	Fond.	17-20	0	1710	-1658	1209	-1158	1015	-964	520	-469	26	26
			45	2738	-2674	1933	-1869	1487	-1423	760	-696	32	32
			89	3924	-3844	2768	-2688	2030	-1950	1035	-955	40	40
84	Fond.	17-20	0	3069	-2949	2175	-2055	1547	-1427	804	-684	60	60
			45	4410	-4272	3119	-2980	2147	-2008	1108	-970	69	69
			89	5894	-5734	4163	-4004	2776	-2616	1428	-1268	80	80
85	Fond.	22-17	0	4074	-3885	2884	-2695	2582	-2393	1338	-1149	95	95
			30	3552	-3360	2518	-2327	2277	-2086	1186	-995	96	96
			60	3043	-2850	2162	-1969	1961	-1768	1029	-836	96	96
86	Fond.	22-17	0	3560	-3405	2374	-2269	2374	-2269	1213	-1109	52	52
			30	3085	-2931	2058	-1953	2058	-1953	1055	-950	53	53
			60	2625	-2473	1752	-1647	1752	-1647	902	-797	53	53
87	Piano 1	2-18	0	268	-570	163	-396	163	-396	23	-257	-117	-117
			188	268	-570	163	-396	163	-396	23	-257	-117	-117
			375	268	-570	163	-396	163	-396	23	-257	-117	-117
88	Piano 1	19-3	0	502	-335	345	-213	345	-213	205	-74	66	66
			187	502	-335	345	-213	345	-213	205	-74	66	66
			374	502	-335	345	-213	345	-213	205	-74	66	66
89	Piano 1	5-6	0	366	-817	221	-568	221	-568	23	-371	-174	-174
			188	366	-817	221	-568	221	-568	23	-371	-174	-174
			376	366	-817	221	-568	221	-568	23	-371	-174	-174
90	Piano 1	9-5	0	618	-90	436	-36	436	-36	318	82	200	200
			213	618	-90	436	-36	436	-36	318	82	200	200
			425	618	-90	436	-36	436	-36	318	82	200	200
91	Piano 1	6-7	0	-134	-181	-116	-139	-116	-139	-131	-136	-134	-134
			90	-134	-181	-116	-139	-116	-139	-131	-136	-134	-134
			180	-134	-181	-116	-139	-116	-139	-131	-136	-134	-134
92	Piano 1	6-18	0	835	-334	585	-195	585	-195	390	0	195	195
			115	835	-334	585	-195	585	-195	390	0	195	195
			230	835	-334	585	-195	585	-195	390	0	195	195
93	Piano 1	7-8	0	659	-411	454	-260	454	-260	275	-82	97	97
			198	659	-411	454	-260	454	-260	275	-82	97	97
			395	659	-411	454	-260	454	-260	275	-82	97	97
94	Piano 1	7-19	0	571	-586	378	-394	378	-394	185	-201	-8	-8
			115	571	-586	378	-394	378	-394	185	-201	-8	-8
			230	571	-586	378	-394	378	-394	185	-201	-8	-8
95	Piano 1	8-12	0	137	-620	69	-436	69	-436	-58	-310	-184	-184
			203	137	-620	69	-436	69	-436	-58	-310	-184	-184
			405	137	-620	69	-436	69	-436	-58	-310	-184	-184
96	Piano 1	18-19	0	-74	-97	-64	-75	-64	-75	-74	-75	-74	-74
			90	-74	-97	-64	-75	-64	-75	-74	-75	-74	-74
			180	-74	-97	-64	-75	-64	-75	-74	-75	-74	-74
97	Piano 2	2-18	0	292	-265	179	-193	179	-193	55	-110	-27	-27
			188	292	-265	179	-193	179	-193	55	-110	-27	-27
			375	292	-265	179	-193	179	-193	55	-110	-27	-27
98	Piano 2	19-3	0	62	-443	41	-295	41	-295	-29	-168	-98	-98
			187	62	-443	41	-295	41	-295	-29	-168	-98	-98
			374	62	-443	41	-295	41	-295	-29	-168	-98	-98
99	Piano 2	5-6	0	259	-419	147	-305	147	-305	11	-200	-94	-94
			188	259	-419	147	-305	147	-305	11	-200	-94	-94
			376	259	-419	147	-305	147	-305	11	-200	-94	-94
100	Piano 2	9-5	0	524	35	380	54	380	54	299	135	217	217
			213	524	35	380	54	380	54	299	135	217	217
			425	524	35	380	54	380	54	299	135	217	217

RELAZIONE DI CALCOLO -

101	Piano 2	6-7	0	-603	-831	-539	-637	-539	-637	-586	-620	-603	-603
			90	-603	-831	-539	-637	-539	-637	-586	-620	-603	-603
			180	-603	-831	-539	-637	-539	-637	-586	-620	-603	-603
102	Piano 2	6-18	0	791	44	595	96	595	96	487	273	380	380
			115	791	44	595	96	595	96	487	273	380	380
			230	791	44	595	96	595	96	487	273	380	380
103	Piano 2	7-8	0	237	-453	167	-293	167	-293	64	-143	-39	-39
			198	237	-453	167	-293	167	-293	64	-143	-39	-39
			395	237	-453	167	-293	167	-293	64	-143	-39	-39
104	Piano 2	7-19	0	1067	448	760	348	760	348	593	429	511	511
			115	1067	448	760	348	760	348	593	429	511	511
			230	1067	448	760	348	760	348	593	429	511	511
105	Piano 2	8-12	0	52	-478	8	-345	8	-345	-80	-257	-169	-169
			203	52	-478	8	-345	8	-345	-80	-257	-169	-169
			405	52	-478	8	-345	8	-345	-80	-257	-169	-169
106	Piano 2	13-16	0	-20	-79	-16	-56	-16	-56	-22	-35	-29	-29
			75	-20	-79	-16	-56	-16	-56	-22	-35	-29	-29
			150	-20	-79	-16	-56	-16	-56	-22	-35	-29	-29
107	Piano 2	17-14	0	38	8	27	8	27	8	22	13	17	17
			75	38	8	27	8	27	8	22	13	17	17
			150	38	8	27	8	27	8	22	13	17	17
108	Piano 2	18-19	0	-470	-638	-435	-489	-435	-489	-460	-479	-470	-470
			90	-470	-638	-435	-489	-435	-489	-460	-479	-470	-470
			180	-470	-638	-435	-489	-435	-489	-460	-479	-470	-470
109	Piano 3	5-6	0	172	-33	103	-34	103	-34	3	-22	-10	-10
			188	172	-33	103	-34	103	-34	3	-22	-10	-10
			376	172	-33	103	-34	103	-34	3	-22	-10	-10
110	Piano 3	9-5	0	169	-75	129	-34	129	-34	100	43	72	72
			213	169	-75	129	-34	129	-34	100	43	72	72
			425	169	-75	129	-34	129	-34	100	43	72	72
111	Piano 3	8-7	0	44	-289	32	-190	32	-190	-11	-96	-53	-53
			198	44	-289	32	-190	32	-190	-11	-96	-53	-53
			395	44	-289	32	-190	32	-190	-11	-96	-53	-53
112	Piano 3	8-12	0	108	-244	57	-178	57	-178	-15	-124	-69	-69
			203	108	-244	57	-178	57	-178	-15	-124	-69	-69
			405	108	-244	57	-178	57	-178	-15	-124	-69	-69
113	Piano 3	13-16	0	1512	-1453	1069	-1009	49	29	30	30	30	30
			78	1512	-1453	1069	-1009	49	29	30	30	30	30
			155	1512	-1453	1069	-1009	49	29	30	30	30	30
114	Piano 3	14-17	0	45	-14	36	-5	22	12	17	14	16	16
			76	45	-14	36	-5	22	12	17	14	16	16
			151	45	-14	36	-5	22	12	17	14	16	16

4.1 ALLEGATO A - (Pericolosità sismica di base)

Coordinate (Datum ED50) del sito : Latitudine = 38.0174° - Longitudine = 14.3560°

Identificativi e coordinate (Datum ED50) dei punti che includono il sito														
Punto	Lat. [°]	Long. [°]	SLV			SLC			SLD			SLO		
			Acc. sismica	Coeff. Fo	Periodo Tc*	Acc. sismica	Coeff. Fo	Periodo Tc*	Acc. sismica	Coeff. Fo	Periodo Tc*	Acc. sismica	Coeff. Fo	Periodo Tc*
45634	38.0319	14.3137	0.173	2.394	0.311	0.224	2.455	0.316	0.065	2.368	0.276	0.050	2.357	0.262
45635	38.0314	14.3770	0.176	2.398	0.312	0.227	2.458	0.317	0.066	2.365	0.277	0.051	2.361	0.262
45856	37.9819	14.3131	0.184	2.390	0.308	0.237	2.451	0.315	0.069	2.340	0.273	0.052	2.352	0.260
45857	37.9814	14.3764	0.185	2.396	0.309	0.238	2.455	0.316	0.069	2.344	0.274	0.053	2.362	0.260

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:

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

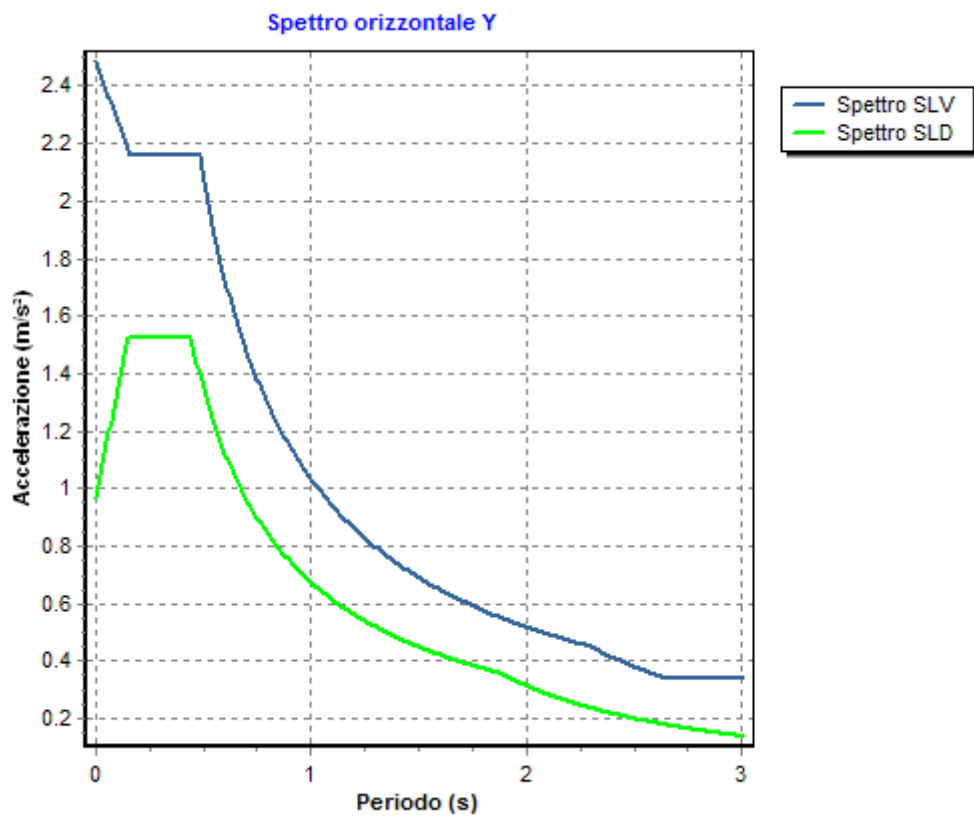
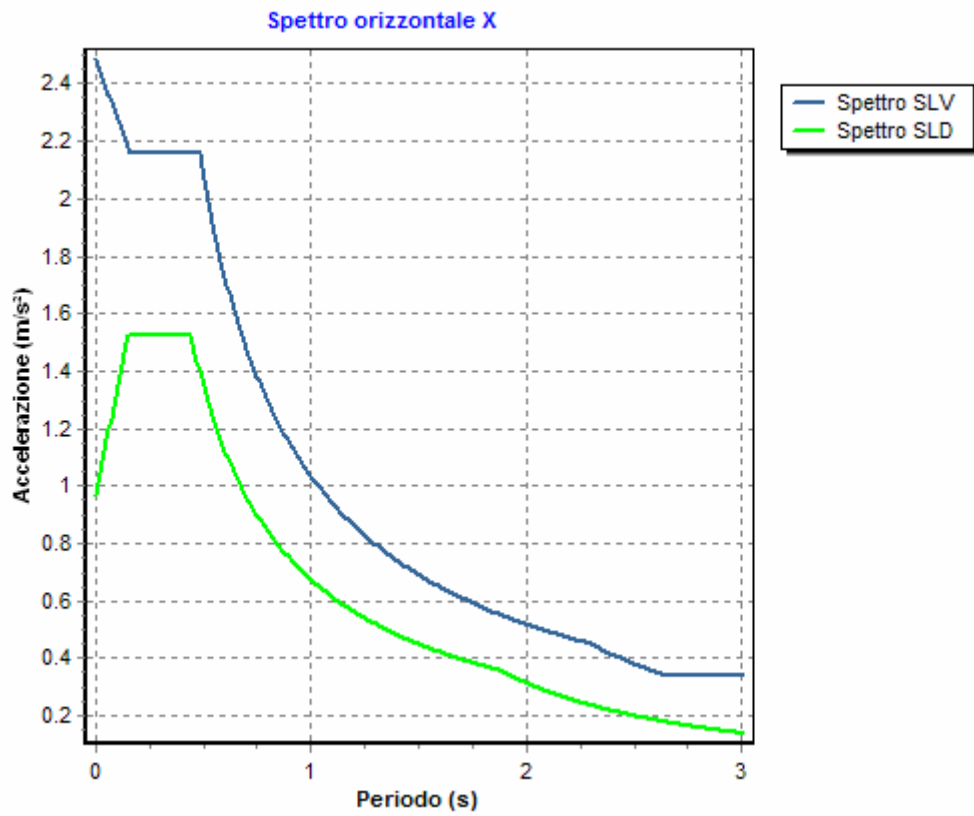
nella quale:

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	475	975	50	30
Accelerazione sismica	0.175	0.226	0.066	0.050
Coefficiente Fo	2.395	2.455	2.357	2.359
Periodo Tc*	0.311	0.317	0.275	0.261



Relazione di calcolo

Solaio a travetti incrociati
Archivio : cube

1 Combinazioni di carico valutate

1.1 Coefficienti di combinazione

I coefficienti di combinazione delle azioni utilizzati nel presente calcolo sono:

$$- \psi_{0i} = 0.70$$

$$- \psi_{1i} = 0.50$$

$$- \psi_{2i} = 0.30$$

1.2 Combinazione per le verifiche allo stato limite ultimo

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico possono essere riassunte nella seguente tabella:

Combinazione	Condizione					
	Car. perm. (Gk)	Car. acc. (Qk1)	Car. neve (Qk2)	Car. vento (Qk3)	DeltaT	Sisma Z
1	1.4	1.5	Ψ_{0i}	Ψ_{0i}	0	0
2	1.4	Ψ_{0i}	1.5	Ψ_{0i}	0	0
3	1.4	Ψ_{0i}	Ψ_{0i}	1.5	0	0
4	1.4	Ψ_{0i}	Ψ_{0i}	Ψ_{0i}	1.2	0
5	1.4	Ψ_{0i}	Ψ_{0i}	Ψ_{0i}	-1.2	0
6	1.0	Ψ_{2i}	0.2	0	0	γI
7	1.0	Ψ_{2i}	0.2	0	0	$-\gamma I$

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

1.3 Combinazione per le verifiche allo stato limite di esercizio

Le azioni di calcolo presenti sulla struttura e le relative combinazioni di carico nei riguardi degli stati limite di esercizio possono essere riassunte nella seguente tabella:

Combinazione Rare	Condizione				
	Car. perm. (Gk)	Car. acc. (Qk1)	Car. neve (Qk2)	Car. vento (Qk3)	DeltaT
1	1.0	1.0	Ψ_{0i}	Ψ_{0i}	Ψ_{0i}
2	1.0	Ψ_{0i}	1.0	Ψ_{0i}	Ψ_{0i}
3	1.0	Ψ_{0i}	Ψ_{0i}	1.0	Ψ_{0i}
4	1.0	Ψ_{0i}	Ψ_{0i}	Ψ_{0i}	1.0

Combinazione Freq.	Condizione				
	Car. perm. (Gk)	Car. acc. (Qk1)	Car. neve (Qk2)	Car. vento (Qk3)	DeltaT
1	1.0	Ψ_{2i}	0	0	Ψ_{2i}
2	1.0	Ψ_{2i}	0.2	0	Ψ_{2i}
3	1.0	Ψ_{2i}	0	0.2	Ψ_{2i}
4	1.0	Ψ_{2i}	0	0	Ψ_{2i}

Combinazione Q.perm.	Condizione				
	Car. perm. (Gk)	Car. acc. (Qk1)	Car. neve (Qk2)	Car. vento (Qk3)	DeltaT
1	1.0	0	0	0	Ψ_{1i}

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

2 Cenni teorici sulle verifiche effettuate

Le Verifiche relative al solaio in C.A. gettato in opera si possono riassumere nei seguenti tipi:

- PressoTensoFlessione
- Taglio
- Deformabilità
- Stato tensionale
- Fessurazione

Le singole verifiche vengono descritte qui di seguito:

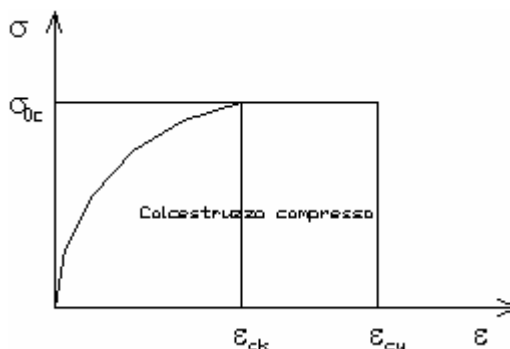
- Flessione composta deviata

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 le conoscenze del comportamento meccanico della sezione in esame, delle caratteristiche dei materiali di cui è composta ed in base ai 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. Il calcestruzzo non abbia alcuna capacità di resistenza a trazione.

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



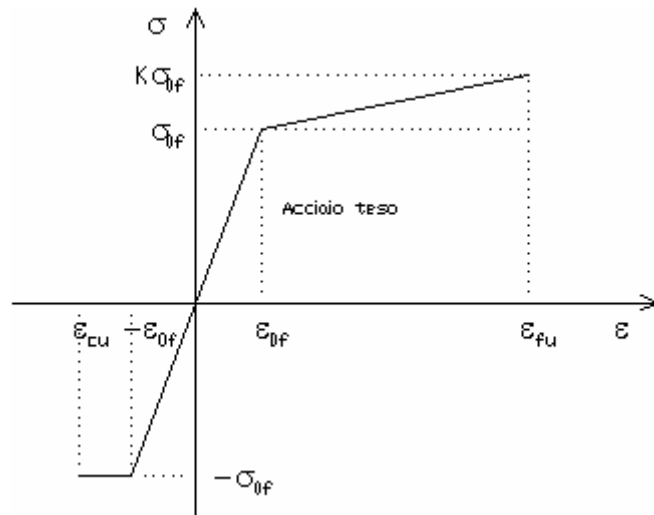
dove: ϵ_{ck} = deformazione caratteristica;
 ϵ_{cu} = deformazione ultima del calcestruzzo;
 σ_{0c} = resistenza di calcolo del calcestruzzo;

Le equazioni che descrivono il diagramma sono:

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

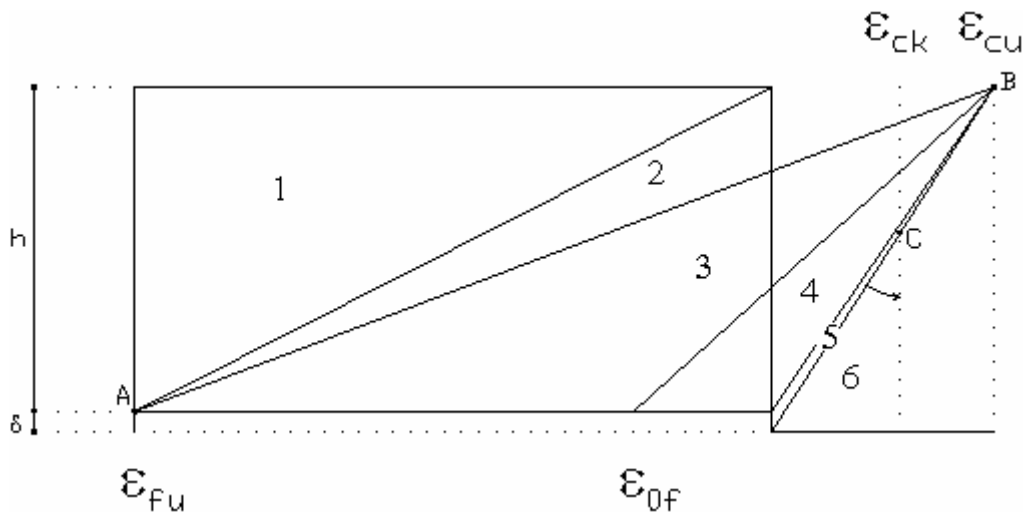
$$\epsilon_{ck} < \epsilon < \epsilon_{cu} : s(\sigma) = \sigma_{0c};$$

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



dove: $\epsilon_{0f} = \sigma_{0f} / E$;
 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.

- Stato Tensionale

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

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

Inoltre può essere stabilito un coefficiente di omogeneizzazione diverso dal valore ordinario.

Le tensioni di esercizio si possono calcolare considerando le combinazioni di carico caratteristica, frequente e quasi permanente.

La verifica consiste nel confrontare le tensioni di calcolo con quelle limite dei materiali.

- Fessurazione

Poiché la fessurazione in strutture in cemento armato ordinario è quasi inevitabile, bisogna limitare tali entità in modo da non pregiudicare il corretto funzionamento della struttura.

La fessurazione può essere limitata assicurando un minimo di area di armatura longitudinale che può essere calcolata dalla seguente espressione:

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

dove:

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

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

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

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

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

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

dove:

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

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

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

dove:

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

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

- Verifiche a deformabilità

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

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

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

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

dove:

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

Per calcolare la freccia di un elemento, si divide in “n” conci uguali e si calcolala curvatura di ogni concio_i riferita alla coordinata x_i . La freccia relativa alla sezione x_j vale:

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

dove:

φ_A : rotazione dell'estremo iniziale dell'elemento;
 l : lunghezza dell'elemento;
 Δ_x : lunghezza del concio.

3 Dati di input della struttura

3.1 Dati generali

Suolo di fondazione : A
Coefficiente di smorzamento viscoso : 0.05

Parametri dello spettro di risposta verticale:

Accelerazione sismica : 0.194g
Coefficiente Sz : 1.000
Coefficiente TBz : 0.050 sec
Coefficiente TCz : 0.150 sec
Coefficiente TDz : 1.000 sec
Coefficiente η : 1.00
Coefficiente di struttura(q) : 1.50
Delta Termico : 10.00

3.2 Elenco e Caratteristiche dei materiali

I materiali utilizzati e le loro caratteristiche sono i seguenti

A - Calcestruzzo

Nome	Rck [Kg/cm ²]	Ect/Ec	Ec [Kg/cm ²]	fck [Kg/cm ²]	fed [Kg/cm ²]	fctk,0.05 [Kg/cm ²]	v	αt [1/°C]	ps [Kg/cm ³]
C25/30	300.00	0.50	314758	250.00	141.67	17.95	0.15	0.00	2500

B - Acciaio per C.A.

Nome	Tipo	E [Kg/cm ²]	fyk [Kg/cm ²]	ftk [Kg/cm ²]	fd(SLU) [Kg/cm ²]	fd(SLE) [Kg/cm ²]
Barre1	FeB44K	2100000	4500	5400.00	3913.04	3913.04

3.3 Elenco dei carichi unitari

Nome	Car.Perm. [Kg/m ²]	Inc.Tramezzi [Kg/m ²]	Car.Ese. [Kg/m ²]	Car.Neve [Kg/m ²]	Car.Vento [Kg/m ²]
125	200	150	200	0	0

I carichi descritti vengono utilizzati nelle seguenti condizioni di carico:

- Carichi Permanenti G1k : peso soletina, carichi permanenti, incidenza tramezzi;
- Carichi Variabili Q1k : carichi d'esercizio legati alla destinazione d'uso dell'opera;
- Carichi Variabili Q2k : carico provocato dalla neve sulle coperture;
- Carichi Variabili Q3k : azioni statiche del vento costituite da pressioni e depressioni;
- Carichi Variabili Q4k : variazioni giornaliere e stagionali della temperatura esterna, irraggiamento e convezione;

3.4 Caratteristiche delle sezioni

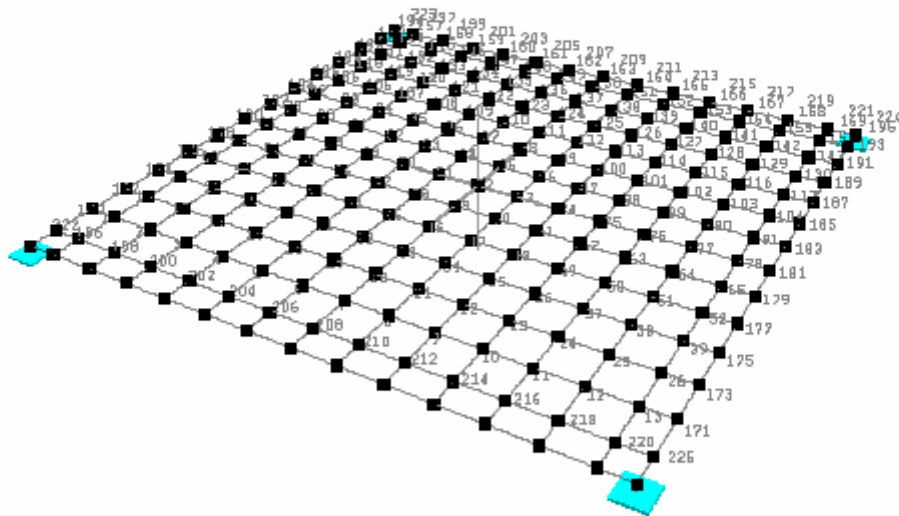
I dati seguenti riportano tutte le caratteristiche relative alle sezioni utilizzate nella struttura:

Bw : larghezza dell'anima (solo a T);
B : base totale;
H : altezza totale;
Ha : altezza delle ali (solo a T);
S : momento statico;
Jx : momento d'inerzia rispetto all'asse x;
Jy : momento d'inerzia rispetto all'asse y;
Jt : fattore di rigidità torsionale;

Nome	Bw [cm]	B [cm]	H [cm]	Ha [cm]	Jx [cm ⁴]	Jy [cm ⁴]	Jt [cm ⁴]
------	---------	--------	--------	---------	-----------------------	-----------------------	-----------------------

R20x100	-	20.00	100.00	-	1666667	66667	233227
R11x30	-	11.00	30.00	-	24750	3328	10250

3.5 Caratteristiche dei nodi



I dati seguenti riportano tutte le caratteristiche relative ai nodi della struttura:

- Nodo : numerazione interna del nodo;
- Coordinate : coordinate del nodo secondo il sistema di riferimento globale cartesiano;
- 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;
- np : non presenza di vincoli;
- p : valore infinito della rigidezza;

Nodo	Coordinate [cm]			Vincoli					
	x	y	z	x	y	z	rx	ry	rz
1	40.0	40.0	0.0	NP	NP	NP	NP	NP	NP
2	100.0	40.0	0.0	NP	NP	NP	NP	NP	NP
3	160.0	40.0	0.0	NP	NP	NP	NP	NP	NP
4	220.0	40.0	0.0	NP	NP	NP	NP	NP	NP
5	280.0	40.0	0.0	NP	NP	NP	NP	NP	NP
6	340.0	40.0	0.0	NP	NP	NP	NP	NP	NP

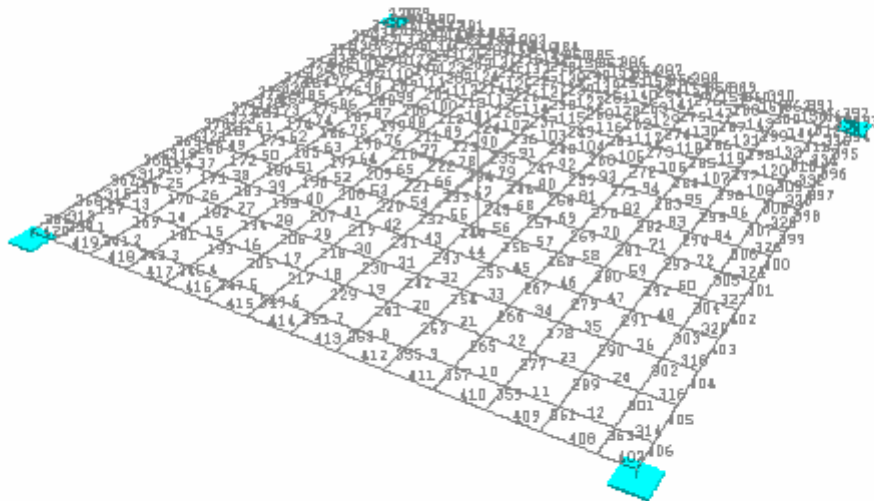
7	400.0	40.0	0.0	NP	NP	NP	NP	NP	NP
8	460.0	40.0	0.0	NP	NP	NP	NP	NP	NP
9	520.0	40.0	0.0	NP	NP	NP	NP	NP	NP
10	580.0	40.0	0.0	NP	NP	NP	NP	NP	NP
11	640.0	40.0	0.0	NP	NP	NP	NP	NP	NP
12	700.0	40.0	0.0	NP	NP	NP	NP	NP	NP
13	760.0	40.0	0.0	NP	NP	NP	NP	NP	NP
14	40.0	100.0	0.0	NP	NP	NP	NP	NP	NP
15	100.0	100.0	0.0	NP	NP	NP	NP	NP	NP
16	160.0	100.0	0.0	NP	NP	NP	NP	NP	NP
17	220.0	100.0	0.0	NP	NP	NP	NP	NP	NP
18	280.0	100.0	0.0	NP	NP	NP	NP	NP	NP
19	340.0	100.0	0.0	NP	NP	NP	NP	NP	NP
20	400.0	100.0	0.0	NP	NP	NP	NP	NP	NP
21	460.0	100.0	0.0	NP	NP	NP	NP	NP	NP
22	520.0	100.0	0.0	NP	NP	NP	NP	NP	NP
23	580.0	100.0	0.0	NP	NP	NP	NP	NP	NP
24	640.0	100.0	0.0	NP	NP	NP	NP	NP	NP
25	700.0	100.0	0.0	NP	NP	NP	NP	NP	NP
26	760.0	100.0	0.0	NP	NP	NP	NP	NP	NP
27	40.0	160.0	0.0	NP	NP	NP	NP	NP	NP
28	100.0	160.0	0.0	NP	NP	NP	NP	NP	NP
29	160.0	160.0	0.0	NP	NP	NP	NP	NP	NP
30	220.0	160.0	0.0	NP	NP	NP	NP	NP	NP
31	280.0	160.0	0.0	NP	NP	NP	NP	NP	NP
32	340.0	160.0	0.0	NP	NP	NP	NP	NP	NP
33	400.0	160.0	0.0	NP	NP	NP	NP	NP	NP
34	460.0	160.0	0.0	NP	NP	NP	NP	NP	NP
35	520.0	160.0	0.0	NP	NP	NP	NP	NP	NP
36	580.0	160.0	0.0	NP	NP	NP	NP	NP	NP
37	640.0	160.0	0.0	NP	NP	NP	NP	NP	NP
38	700.0	160.0	0.0	NP	NP	NP	NP	NP	NP
39	760.0	160.0	0.0	NP	NP	NP	NP	NP	NP
40	40.0	220.0	0.0	NP	NP	NP	NP	NP	NP
41	100.0	220.0	0.0	NP	NP	NP	NP	NP	NP
42	160.0	220.0	0.0	NP	NP	NP	NP	NP	NP
43	220.0	220.0	0.0	NP	NP	NP	NP	NP	NP
44	280.0	220.0	0.0	NP	NP	NP	NP	NP	NP
45	340.0	220.0	0.0	NP	NP	NP	NP	NP	NP
46	400.0	220.0	0.0	NP	NP	NP	NP	NP	NP
47	460.0	220.0	0.0	NP	NP	NP	NP	NP	NP
48	520.0	220.0	0.0	NP	NP	NP	NP	NP	NP
49	580.0	220.0	0.0	NP	NP	NP	NP	NP	NP
50	640.0	220.0	0.0	NP	NP	NP	NP	NP	NP
51	700.0	220.0	0.0	NP	NP	NP	NP	NP	NP
52	760.0	220.0	0.0	NP	NP	NP	NP	NP	NP
53	40.0	280.0	0.0	NP	NP	NP	NP	NP	NP
54	100.0	280.0	0.0	NP	NP	NP	NP	NP	NP
55	160.0	280.0	0.0	NP	NP	NP	NP	NP	NP
56	220.0	280.0	0.0	NP	NP	NP	NP	NP	NP
57	280.0	280.0	0.0	NP	NP	NP	NP	NP	NP
58	340.0	280.0	0.0	NP	NP	NP	NP	NP	NP
59	400.0	280.0	0.0	NP	NP	NP	NP	NP	NP
60	460.0	280.0	0.0	NP	NP	NP	NP	NP	NP
61	520.0	280.0	0.0	NP	NP	NP	NP	NP	NP
62	580.0	280.0	0.0	NP	NP	NP	NP	NP	NP
63	640.0	280.0	0.0	NP	NP	NP	NP	NP	NP
64	700.0	280.0	0.0	NP	NP	NP	NP	NP	NP
65	760.0	280.0	0.0	NP	NP	NP	NP	NP	NP

66	40.0	340.0	0.0	NP	NP	NP	NP	NP	NP
67	100.0	340.0	0.0	NP	NP	NP	NP	NP	NP
68	160.0	340.0	0.0	NP	NP	NP	NP	NP	NP
69	220.0	340.0	0.0	NP	NP	NP	NP	NP	NP
70	280.0	340.0	0.0	NP	NP	NP	NP	NP	NP
71	340.0	340.0	0.0	NP	NP	NP	NP	NP	NP
72	400.0	340.0	0.0	NP	NP	NP	NP	NP	NP
73	460.0	340.0	0.0	NP	NP	NP	NP	NP	NP
74	520.0	340.0	0.0	NP	NP	NP	NP	NP	NP
75	580.0	340.0	0.0	NP	NP	NP	NP	NP	NP
76	640.0	340.0	0.0	NP	NP	NP	NP	NP	NP
77	700.0	340.0	0.0	NP	NP	NP	NP	NP	NP
78	760.0	340.0	0.0	NP	NP	NP	NP	NP	NP
79	40.0	400.0	0.0	NP	NP	NP	NP	NP	NP
80	100.0	400.0	0.0	NP	NP	NP	NP	NP	NP
81	160.0	400.0	0.0	NP	NP	NP	NP	NP	NP
82	220.0	400.0	0.0	NP	NP	NP	NP	NP	NP
83	280.0	400.0	0.0	NP	NP	NP	NP	NP	NP
84	340.0	400.0	0.0	NP	NP	NP	NP	NP	NP
85	400.0	400.0	0.0	NP	NP	NP	NP	NP	NP
86	460.0	400.0	0.0	NP	NP	NP	NP	NP	NP
87	520.0	400.0	0.0	NP	NP	NP	NP	NP	NP
88	580.0	400.0	0.0	NP	NP	NP	NP	NP	NP
89	640.0	400.0	0.0	NP	NP	NP	NP	NP	NP
90	700.0	400.0	0.0	NP	NP	NP	NP	NP	NP
91	760.0	400.0	0.0	NP	NP	NP	NP	NP	NP
92	40.0	460.0	0.0	NP	NP	NP	NP	NP	NP
93	100.0	460.0	0.0	NP	NP	NP	NP	NP	NP
94	160.0	460.0	0.0	NP	NP	NP	NP	NP	NP
95	220.0	460.0	0.0	NP	NP	NP	NP	NP	NP
96	280.0	460.0	0.0	NP	NP	NP	NP	NP	NP
97	340.0	460.0	0.0	NP	NP	NP	NP	NP	NP
98	400.0	460.0	0.0	NP	NP	NP	NP	NP	NP
99	460.0	460.0	0.0	NP	NP	NP	NP	NP	NP
100	520.0	460.0	0.0	NP	NP	NP	NP	NP	NP
101	580.0	460.0	0.0	NP	NP	NP	NP	NP	NP
102	640.0	460.0	0.0	NP	NP	NP	NP	NP	NP
103	700.0	460.0	0.0	NP	NP	NP	NP	NP	NP
104	760.0	460.0	0.0	NP	NP	NP	NP	NP	NP
105	40.0	520.0	0.0	NP	NP	NP	NP	NP	NP
106	100.0	520.0	0.0	NP	NP	NP	NP	NP	NP
107	160.0	520.0	0.0	NP	NP	NP	NP	NP	NP
108	220.0	520.0	0.0	NP	NP	NP	NP	NP	NP
109	280.0	520.0	0.0	NP	NP	NP	NP	NP	NP
110	340.0	520.0	0.0	NP	NP	NP	NP	NP	NP
111	400.0	520.0	0.0	NP	NP	NP	NP	NP	NP
112	460.0	520.0	0.0	NP	NP	NP	NP	NP	NP
113	520.0	520.0	0.0	NP	NP	NP	NP	NP	NP
114	580.0	520.0	0.0	NP	NP	NP	NP	NP	NP
115	640.0	520.0	0.0	NP	NP	NP	NP	NP	NP
116	700.0	520.0	0.0	NP	NP	NP	NP	NP	NP
117	760.0	520.0	0.0	NP	NP	NP	NP	NP	NP
118	40.0	580.0	0.0	NP	NP	NP	NP	NP	NP
119	100.0	580.0	0.0	NP	NP	NP	NP	NP	NP
120	160.0	580.0	0.0	NP	NP	NP	NP	NP	NP
121	220.0	580.0	0.0	NP	NP	NP	NP	NP	NP
122	280.0	580.0	0.0	NP	NP	NP	NP	NP	NP
123	340.0	580.0	0.0	NP	NP	NP	NP	NP	NP
124	400.0	580.0	0.0	NP	NP	NP	NP	NP	NP

125	460.0	580.0	0.0	NP	NP	NP	NP	NP	NP
126	520.0	580.0	0.0	NP	NP	NP	NP	NP	NP
127	580.0	580.0	0.0	NP	NP	NP	NP	NP	NP
128	640.0	580.0	0.0	NP	NP	NP	NP	NP	NP
129	700.0	580.0	0.0	NP	NP	NP	NP	NP	NP
130	760.0	580.0	0.0	NP	NP	NP	NP	NP	NP
131	40.0	640.0	0.0	NP	NP	NP	NP	NP	NP
132	100.0	640.0	0.0	NP	NP	NP	NP	NP	NP
133	160.0	640.0	0.0	NP	NP	NP	NP	NP	NP
134	220.0	640.0	0.0	NP	NP	NP	NP	NP	NP
135	280.0	640.0	0.0	NP	NP	NP	NP	NP	NP
136	340.0	640.0	0.0	NP	NP	NP	NP	NP	NP
137	400.0	640.0	0.0	NP	NP	NP	NP	NP	NP
138	460.0	640.0	0.0	NP	NP	NP	NP	NP	NP
139	520.0	640.0	0.0	NP	NP	NP	NP	NP	NP
140	580.0	640.0	0.0	NP	NP	NP	NP	NP	NP
141	640.0	640.0	0.0	NP	NP	NP	NP	NP	NP
142	700.0	640.0	0.0	NP	NP	NP	NP	NP	NP
143	760.0	640.0	0.0	NP	NP	NP	NP	NP	NP
144	40.0	700.0	0.0	NP	NP	NP	NP	NP	NP
145	100.0	700.0	0.0	NP	NP	NP	NP	NP	NP
146	160.0	700.0	0.0	NP	NP	NP	NP	NP	NP
147	220.0	700.0	0.0	NP	NP	NP	NP	NP	NP
148	280.0	700.0	0.0	NP	NP	NP	NP	NP	NP
149	340.0	700.0	0.0	NP	NP	NP	NP	NP	NP
150	400.0	700.0	0.0	NP	NP	NP	NP	NP	NP
151	460.0	700.0	0.0	NP	NP	NP	NP	NP	NP
152	520.0	700.0	0.0	NP	NP	NP	NP	NP	NP
153	580.0	700.0	0.0	NP	NP	NP	NP	NP	NP
154	640.0	700.0	0.0	NP	NP	NP	NP	NP	NP
155	700.0	700.0	0.0	NP	NP	NP	NP	NP	NP
156	760.0	700.0	0.0	NP	NP	NP	NP	NP	NP
157	40.0	760.0	0.0	NP	NP	NP	NP	NP	NP
158	100.0	760.0	0.0	NP	NP	NP	NP	NP	NP
159	160.0	760.0	0.0	NP	NP	NP	NP	NP	NP
160	220.0	760.0	0.0	NP	NP	NP	NP	NP	NP
161	280.0	760.0	0.0	NP	NP	NP	NP	NP	NP
162	340.0	760.0	0.0	NP	NP	NP	NP	NP	NP
163	400.0	760.0	0.0	NP	NP	NP	NP	NP	NP
164	460.0	760.0	0.0	NP	NP	NP	NP	NP	NP
165	520.0	760.0	0.0	NP	NP	NP	NP	NP	NP
166	580.0	760.0	0.0	NP	NP	NP	NP	NP	NP
167	640.0	760.0	0.0	NP	NP	NP	NP	NP	NP
168	700.0	760.0	0.0	NP	NP	NP	NP	NP	NP
169	760.0	760.0	0.0	NP	NP	NP	NP	NP	NP
170	0.0	40.0	0.0	NP	NP	NP	NP	NP	NP
171	800.0	40.0	0.0	NP	NP	NP	NP	NP	NP
172	0.0	100.0	0.0	NP	NP	NP	NP	NP	NP
173	800.0	100.0	0.0	NP	NP	NP	NP	NP	NP
174	0.0	160.0	0.0	NP	NP	NP	NP	NP	NP
175	800.0	160.0	0.0	NP	NP	NP	NP	NP	NP
176	0.0	220.0	0.0	NP	NP	NP	NP	NP	NP
177	800.0	220.0	0.0	NP	NP	NP	NP	NP	NP
178	0.0	280.0	0.0	NP	NP	NP	NP	NP	NP
179	800.0	280.0	0.0	NP	NP	NP	NP	NP	NP
180	0.0	340.0	0.0	NP	NP	NP	NP	NP	NP
181	800.0	340.0	0.0	NP	NP	NP	NP	NP	NP
182	0.0	400.0	0.0	NP	NP	NP	NP	NP	NP
183	800.0	400.0	0.0	NP	NP	NP	NP	NP	NP

184	0.0	460.0	0.0	NP	NP	NP	NP	NP	NP
185	800.0	460.0	0.0	NP	NP	NP	NP	NP	NP
186	0.0	520.0	0.0	NP	NP	NP	NP	NP	NP
187	800.0	520.0	0.0	NP	NP	NP	NP	NP	NP
188	0.0	580.0	0.0	NP	NP	NP	NP	NP	NP
189	800.0	580.0	0.0	NP	NP	NP	NP	NP	NP
190	0.0	640.0	0.0	NP	NP	NP	NP	NP	NP
191	800.0	640.0	0.0	NP	NP	NP	NP	NP	NP
192	0.0	700.0	0.0	NP	NP	NP	NP	NP	NP
193	800.0	700.0	0.0	NP	NP	NP	NP	NP	NP
194	0.0	760.0	0.0	NP	NP	NP	NP	NP	NP
195	800.0	760.0	0.0	NP	NP	NP	NP	NP	NP
196	40.0	0.0	0.0	NP	NP	NP	NP	NP	NP
197	40.0	800.0	0.0	NP	NP	NP	NP	NP	NP
198	100.0	0.0	0.0	NP	NP	NP	NP	NP	NP
199	100.0	800.0	0.0	NP	NP	NP	NP	NP	NP
200	160.0	0.0	0.0	NP	NP	NP	NP	NP	NP
201	160.0	800.0	0.0	NP	NP	NP	NP	NP	NP
202	220.0	0.0	0.0	NP	NP	NP	NP	NP	NP
203	220.0	800.0	0.0	NP	NP	NP	NP	NP	NP
204	280.0	0.0	0.0	NP	NP	NP	NP	NP	NP
205	280.0	800.0	0.0	NP	NP	NP	NP	NP	NP
206	340.0	0.0	0.0	NP	NP	NP	NP	NP	NP
207	340.0	800.0	0.0	NP	NP	NP	NP	NP	NP
208	400.0	0.0	0.0	NP	NP	NP	NP	NP	NP
209	400.0	800.0	0.0	NP	NP	NP	NP	NP	NP
210	460.0	0.0	0.0	NP	NP	NP	NP	NP	NP
211	460.0	800.0	0.0	NP	NP	NP	NP	NP	NP
212	520.0	0.0	0.0	NP	NP	NP	NP	NP	NP
213	520.0	800.0	0.0	NP	NP	NP	NP	NP	NP
214	580.0	0.0	0.0	NP	NP	NP	NP	NP	NP
215	580.0	800.0	0.0	NP	NP	NP	NP	NP	NP
216	640.0	0.0	0.0	NP	NP	NP	NP	NP	NP
217	640.0	800.0	0.0	NP	NP	NP	NP	NP	NP
218	700.0	0.0	0.0	NP	NP	NP	NP	NP	NP
219	700.0	800.0	0.0	NP	NP	NP	NP	NP	NP
220	760.0	0.0	0.0	NP	NP	NP	NP	NP	NP
221	760.0	800.0	0.0	NP	NP	NP	NP	NP	NP
222	0.0	0.0	0.0	P	P	P	P	P	P
223	0.0	800.0	0.0	P	P	P	P	P	P
224	800.0	800.0	0.0	P	P	P	P	P	P
225	800.0	0.0	0.0	P	P	P	P	P	P

3.6 Caratteristiche delle aste



I dati seguenti riportano tutte le caratteristiche relative alle aste della struttura:

- Asta : numerazione interna dell'asta;
- Nodo In. : nodo iniziale dell'asta;
- Nodo Fin. : nodo finale dell'asta;
- Sezione : sezione trasversale associata all'asta;
- L : lunghezza teorica (nodo in. - nodo fin.) dell'asta;
- Peso : peso per unità di lunghezza dell'asta;

Asta	Nodo In.	Nodo Fin.	Sezione	L [cm]	Peso [daN/m]
1	0	1	2	60.0	82.5
2	1	2	2	60.0	82.5
3	2	3	2	60.0	82.5
4	3	4	2	60.0	82.5
5	4	5	2	60.0	82.5
6	5	6	2	60.0	82.5
7	6	7	2	60.0	82.5
8	7	8	2	60.0	82.5
9	8	9	2	60.0	82.5
10	9	10	2	60.0	82.5
11	10	11	2	60.0	82.5
12	11	12	2	60.0	82.5
13	13	14	2	60.0	82.5
14	14	15	2	60.0	82.5
15	15	16	2	60.0	82.5

16	16	17	2	60.0	82.5
17	17	18	2	60.0	82.5
18	18	19	2	60.0	82.5
19	19	20	2	60.0	82.5
20	20	21	2	60.0	82.5
21	21	22	2	60.0	82.5
22	22	23	2	60.0	82.5
23	23	24	2	60.0	82.5
24	24	25	2	60.0	82.5
25	26	27	2	60.0	82.5
26	27	28	2	60.0	82.5
27	28	29	2	60.0	82.5
28	29	30	2	60.0	82.5
29	30	31	2	60.0	82.5
30	31	32	2	60.0	82.5
31	32	33	2	60.0	82.5
32	33	34	2	60.0	82.5
33	34	35	2	60.0	82.5
34	35	36	2	60.0	82.5
35	36	37	2	60.0	82.5
36	37	38	2	60.0	82.5
37	39	40	2	60.0	82.5
38	40	41	2	60.0	82.5
39	41	42	2	60.0	82.5
40	42	43	2	60.0	82.5
41	43	44	2	60.0	82.5
42	44	45	2	60.0	82.5
43	45	46	2	60.0	82.5
44	46	47	2	60.0	82.5
45	47	48	2	60.0	82.5
46	48	49	2	60.0	82.5
47	49	50	2	60.0	82.5
48	50	51	2	60.0	82.5
49	52	53	2	60.0	82.5
50	53	54	2	60.0	82.5
51	54	55	2	60.0	82.5
52	55	56	2	60.0	82.5
53	56	57	2	60.0	82.5
54	57	58	2	60.0	82.5
55	58	59	2	60.0	82.5
56	59	60	2	60.0	82.5
57	60	61	2	60.0	82.5
58	61	62	2	60.0	82.5
59	62	63	2	60.0	82.5
60	63	64	2	60.0	82.5
61	65	66	2	60.0	82.5
62	66	67	2	60.0	82.5
63	67	68	2	60.0	82.5
64	68	69	2	60.0	82.5
65	69	70	2	60.0	82.5
66	70	71	2	60.0	82.5
67	71	72	2	60.0	82.5
68	72	73	2	60.0	82.5
69	73	74	2	60.0	82.5
70	74	75	2	60.0	82.5
71	75	76	2	60.0	82.5
72	76	77	2	60.0	82.5
73	78	79	2	60.0	82.5
74	79	80	2	60.0	82.5

75	80	81	2	60.0	82.5
76	81	82	2	60.0	82.5
77	82	83	2	60.0	82.5
78	83	84	2	60.0	82.5
79	84	85	2	60.0	82.5
80	85	86	2	60.0	82.5
81	86	87	2	60.0	82.5
82	87	88	2	60.0	82.5
83	88	89	2	60.0	82.5
84	89	90	2	60.0	82.5
85	91	92	2	60.0	82.5
86	92	93	2	60.0	82.5
87	93	94	2	60.0	82.5
88	94	95	2	60.0	82.5
89	95	96	2	60.0	82.5
90	96	97	2	60.0	82.5
91	97	98	2	60.0	82.5
92	98	99	2	60.0	82.5
93	99	100	2	60.0	82.5
94	100	101	2	60.0	82.5
95	101	102	2	60.0	82.5
96	102	103	2	60.0	82.5
97	104	105	2	60.0	82.5
98	105	106	2	60.0	82.5
99	106	107	2	60.0	82.5
100	107	108	2	60.0	82.5
101	108	109	2	60.0	82.5
102	109	110	2	60.0	82.5
103	110	111	2	60.0	82.5
104	111	112	2	60.0	82.5
105	112	113	2	60.0	82.5
106	113	114	2	60.0	82.5
107	114	115	2	60.0	82.5
108	115	116	2	60.0	82.5
109	117	118	2	60.0	82.5
110	118	119	2	60.0	82.5
111	119	120	2	60.0	82.5
112	120	121	2	60.0	82.5
113	121	122	2	60.0	82.5
114	122	123	2	60.0	82.5
115	123	124	2	60.0	82.5
116	124	125	2	60.0	82.5
117	125	126	2	60.0	82.5
118	126	127	2	60.0	82.5
119	127	128	2	60.0	82.5
120	128	129	2	60.0	82.5
121	130	131	2	60.0	82.5
122	131	132	2	60.0	82.5
123	132	133	2	60.0	82.5
124	133	134	2	60.0	82.5
125	134	135	2	60.0	82.5
126	135	136	2	60.0	82.5
127	136	137	2	60.0	82.5
128	137	138	2	60.0	82.5
129	138	139	2	60.0	82.5
130	139	140	2	60.0	82.5
131	140	141	2	60.0	82.5
132	141	142	2	60.0	82.5
133	143	144	2	60.0	82.5

134	144	145	2	60.0	82.5
135	145	146	2	60.0	82.5
136	146	147	2	60.0	82.5
137	147	148	2	60.0	82.5
138	148	149	2	60.0	82.5
139	149	150	2	60.0	82.5
140	150	151	2	60.0	82.5
141	151	152	2	60.0	82.5
142	152	153	2	60.0	82.5
143	153	154	2	60.0	82.5
144	154	155	2	60.0	82.5
145	156	157	2	60.0	82.5
146	157	158	2	60.0	82.5
147	158	159	2	60.0	82.5
148	159	160	2	60.0	82.5
149	160	161	2	60.0	82.5
150	161	162	2	60.0	82.5
151	162	163	2	60.0	82.5
152	163	164	2	60.0	82.5
153	164	165	2	60.0	82.5
154	165	166	2	60.0	82.5
155	166	167	2	60.0	82.5
156	167	168	2	60.0	82.5
157	0	13	2	60.0	82.5
158	13	26	2	60.0	82.5
159	26	39	2	60.0	82.5
160	39	52	2	60.0	82.5
161	52	65	2	60.0	82.5
162	65	78	2	60.0	82.5
163	78	91	2	60.0	82.5
164	91	104	2	60.0	82.5
165	104	117	2	60.0	82.5
166	117	130	2	60.0	82.5
167	130	143	2	60.0	82.5
168	143	156	2	60.0	82.5
169	1	14	2	60.0	82.5
170	14	27	2	60.0	82.5
171	27	40	2	60.0	82.5
172	40	53	2	60.0	82.5
173	53	66	2	60.0	82.5
174	66	79	2	60.0	82.5
175	79	92	2	60.0	82.5
176	92	105	2	60.0	82.5
177	105	118	2	60.0	82.5
178	118	131	2	60.0	82.5
179	131	144	2	60.0	82.5
180	144	157	2	60.0	82.5
181	2	15	2	60.0	82.5
182	15	28	2	60.0	82.5
183	28	41	2	60.0	82.5
184	41	54	2	60.0	82.5
185	54	67	2	60.0	82.5
186	67	80	2	60.0	82.5
187	80	93	2	60.0	82.5
188	93	106	2	60.0	82.5
189	106	119	2	60.0	82.5
190	119	132	2	60.0	82.5
191	132	145	2	60.0	82.5
192	145	158	2	60.0	82.5

193	3	16	2	60.0	82.5
194	16	29	2	60.0	82.5
195	29	42	2	60.0	82.5
196	42	55	2	60.0	82.5
197	55	68	2	60.0	82.5
198	68	81	2	60.0	82.5
199	81	94	2	60.0	82.5
200	94	107	2	60.0	82.5
201	107	120	2	60.0	82.5
202	120	133	2	60.0	82.5
203	133	146	2	60.0	82.5
204	146	159	2	60.0	82.5
205	4	17	2	60.0	82.5
206	17	30	2	60.0	82.5
207	30	43	2	60.0	82.5
208	43	56	2	60.0	82.5
209	56	69	2	60.0	82.5
210	69	82	2	60.0	82.5
211	82	95	2	60.0	82.5
212	95	108	2	60.0	82.5
213	108	121	2	60.0	82.5
214	121	134	2	60.0	82.5
215	134	147	2	60.0	82.5
216	147	160	2	60.0	82.5
217	5	18	2	60.0	82.5
218	18	31	2	60.0	82.5
219	31	44	2	60.0	82.5
220	44	57	2	60.0	82.5
221	57	70	2	60.0	82.5
222	70	83	2	60.0	82.5
223	83	96	2	60.0	82.5
224	96	109	2	60.0	82.5
225	109	122	2	60.0	82.5
226	122	135	2	60.0	82.5
227	135	148	2	60.0	82.5
228	148	161	2	60.0	82.5
229	6	19	2	60.0	82.5
230	19	32	2	60.0	82.5
231	32	45	2	60.0	82.5
232	45	58	2	60.0	82.5
233	58	71	2	60.0	82.5
234	71	84	2	60.0	82.5
235	84	97	2	60.0	82.5
236	97	110	2	60.0	82.5
237	110	123	2	60.0	82.5
238	123	136	2	60.0	82.5
239	136	149	2	60.0	82.5
240	149	162	2	60.0	82.5
241	7	20	2	60.0	82.5
242	20	33	2	60.0	82.5
243	33	46	2	60.0	82.5
244	46	59	2	60.0	82.5
245	59	72	2	60.0	82.5
246	72	85	2	60.0	82.5
247	85	98	2	60.0	82.5
248	98	111	2	60.0	82.5
249	111	124	2	60.0	82.5
250	124	137	2	60.0	82.5
251	137	150	2	60.0	82.5

252	150	163	2	60.0	82.5
253	8	21	2	60.0	82.5
254	21	34	2	60.0	82.5
255	34	47	2	60.0	82.5
256	47	60	2	60.0	82.5
257	60	73	2	60.0	82.5
258	73	86	2	60.0	82.5
259	86	99	2	60.0	82.5
260	99	112	2	60.0	82.5
261	112	125	2	60.0	82.5
262	125	138	2	60.0	82.5
263	138	151	2	60.0	82.5
264	151	164	2	60.0	82.5
265	9	22	2	60.0	82.5
266	22	35	2	60.0	82.5
267	35	48	2	60.0	82.5
268	48	61	2	60.0	82.5
269	61	74	2	60.0	82.5
270	74	87	2	60.0	82.5
271	87	100	2	60.0	82.5
272	100	113	2	60.0	82.5
273	113	126	2	60.0	82.5
274	126	139	2	60.0	82.5
275	139	152	2	60.0	82.5
276	152	165	2	60.0	82.5
277	10	23	2	60.0	82.5
278	23	36	2	60.0	82.5
279	36	49	2	60.0	82.5
280	49	62	2	60.0	82.5
281	62	75	2	60.0	82.5
282	75	88	2	60.0	82.5
283	88	101	2	60.0	82.5
284	101	114	2	60.0	82.5
285	114	127	2	60.0	82.5
286	127	140	2	60.0	82.5
287	140	153	2	60.0	82.5
288	153	166	2	60.0	82.5
289	11	24	2	60.0	82.5
290	24	37	2	60.0	82.5
291	37	50	2	60.0	82.5
292	50	63	2	60.0	82.5
293	63	76	2	60.0	82.5
294	76	89	2	60.0	82.5
295	89	102	2	60.0	82.5
296	102	115	2	60.0	82.5
297	115	128	2	60.0	82.5
298	128	141	2	60.0	82.5
299	141	154	2	60.0	82.5
300	154	167	2	60.0	82.5
301	12	25	2	60.0	82.5
302	25	38	2	60.0	82.5
303	38	51	2	60.0	82.5
304	51	64	2	60.0	82.5
305	64	77	2	60.0	82.5
306	77	90	2	60.0	82.5
307	90	103	2	60.0	82.5
308	103	116	2	60.0	82.5
309	116	129	2	60.0	82.5
310	129	142	2	60.0	82.5

311	142	155	2	60.0	82.5
312	155	168	2	60.0	82.5
313	169	0	2	40.0	82.5
314	12	170	2	40.0	82.5
315	171	13	2	40.0	82.5
316	25	172	2	40.0	82.5
317	173	26	2	40.0	82.5
318	38	174	2	40.0	82.5
319	175	39	2	40.0	82.5
320	51	176	2	40.0	82.5
321	177	52	2	40.0	82.5
322	64	178	2	40.0	82.5
323	179	65	2	40.0	82.5
324	77	180	2	40.0	82.5
325	181	78	2	40.0	82.5
326	90	182	2	40.0	82.5
327	183	91	2	40.0	82.5
328	103	184	2	40.0	82.5
329	185	104	2	40.0	82.5
330	116	186	2	40.0	82.5
331	187	117	2	40.0	82.5
332	129	188	2	40.0	82.5
333	189	130	2	40.0	82.5
334	142	190	2	40.0	82.5
335	191	143	2	40.0	82.5
336	155	192	2	40.0	82.5
337	193	156	2	40.0	82.5
338	168	194	2	40.0	82.5
339	195	0	2	40.0	82.5
340	156	196	2	40.0	82.5
341	197	1	2	40.0	82.5
342	157	198	2	40.0	82.5
343	199	2	2	40.0	82.5
344	158	200	2	40.0	82.5
345	201	3	2	40.0	82.5
346	159	202	2	40.0	82.5
347	203	4	2	40.0	82.5
348	160	204	2	40.0	82.5
349	205	5	2	40.0	82.5
350	161	206	2	40.0	82.5
351	207	6	2	40.0	82.5
352	162	208	2	40.0	82.5
353	209	7	2	40.0	82.5
354	163	210	2	40.0	82.5
355	211	8	2	40.0	82.5
356	164	212	2	40.0	82.5
357	213	9	2	40.0	82.5
358	165	214	2	40.0	82.5
359	215	10	2	40.0	82.5
360	166	216	2	40.0	82.5
361	217	11	2	40.0	82.5
362	167	218	2	40.0	82.5
363	219	12	2	40.0	82.5
364	168	220	2	40.0	82.5
365	221	169	1	40.0	500.0
366	169	171	1	60.0	500.0
367	171	173	1	60.0	500.0
368	173	175	1	60.0	500.0
369	175	177	1	60.0	500.0

370	177	179	1	60.0	500.0
371	179	181	1	60.0	500.0
372	181	183	1	60.0	500.0
373	183	185	1	60.0	500.0
374	185	187	1	60.0	500.0
375	187	189	1	60.0	500.0
376	189	191	1	60.0	500.0
377	191	193	1	60.0	500.0
378	193	222	1	40.0	500.0
379	222	196	1	40.0	500.0
380	196	198	1	60.0	500.0
381	198	200	1	60.0	500.0
382	200	202	1	60.0	500.0
383	202	204	1	60.0	500.0
384	204	206	1	60.0	500.0
385	206	208	1	60.0	500.0
386	208	210	1	60.0	500.0
387	210	212	1	60.0	500.0
388	212	214	1	60.0	500.0
389	214	216	1	60.0	500.0
390	216	218	1	60.0	500.0
391	218	220	1	60.0	500.0
392	220	223	1	40.0	500.0
393	223	194	1	40.0	500.0
394	194	192	1	60.0	500.0
395	192	190	1	60.0	500.0
396	190	188	1	60.0	500.0
397	188	186	1	60.0	500.0
398	186	184	1	60.0	500.0
399	184	182	1	60.0	500.0
400	182	180	1	60.0	500.0
401	180	178	1	60.0	500.0
402	178	176	1	60.0	500.0
403	176	174	1	60.0	500.0
404	174	172	1	60.0	500.0
405	172	170	1	60.0	500.0
406	170	224	1	40.0	500.0
407	224	219	1	40.0	500.0
408	219	217	1	60.0	500.0
409	217	215	1	60.0	500.0
410	215	213	1	60.0	500.0
411	213	211	1	60.0	500.0
412	211	209	1	60.0	500.0
413	209	207	1	60.0	500.0
414	207	205	1	60.0	500.0
415	205	203	1	60.0	500.0
416	203	201	1	60.0	500.0
417	201	199	1	60.0	500.0
418	199	197	1	60.0	500.0
419	197	195	1	60.0	500.0
420	195	221	1	40.0	500.0

3.7 Carichi distribuiti sulle aste

I dati seguenti riportano i valori dei carichi presenti sulle aste della struttura (ad esclusione del peso di travetti e travi di bordo) calcolati secondo la relativa zona di influenza sulla singola maglia:

C.C. : condizione di carico;
 QGlob X : valore del carico in direzione X rispetto al sistema di riferimento globale;

QGlob Y : valore del carico in direzione Y rispetto al sistema di riferimento globale;

QGlob Z : valore del carico in direzione Z rispetto al sistema di riferimento globale;

C.C.	Travetto direzione 1			Travetto direzione 2		
	Qglob X [Kg/m]	Qglob Y [Kg/m]	Qglob Z [Kg/m]	Qglob X [Kg/m]	Qglob Y [Kg/m]	Qglob Z [Kg/m]
Car. Perm	0.0	0.0	-142.5	0.0	0.0	-142.5
Car. Acc.	0.0	0.0	-60.0	0.0	0.0	-60.0
Neve	0.0	0.0	0.0	0.0	0.0	0.0
Vento	0.0	0.0	0.0	0.0	0.0	0.0

4 Risultati Verifiche

4.1 Verifica a Presso/Tenso-flessione deviata.

I risultati sono ordinati utilizzando la seguente simbologia:

Travetto	: numerazione interna del travetto;
Pos	: distanza dal nodo iniziale misurata lungo l'asse del travetto;
Nsd max	: Sforzo normale minimo di calcolo;
Msdxz max	: Momento flettente x-z minimo di calcolo;
Msdxy max	: Momento flettente x-y minimo di calcolo;
Nrd min	: Sforzo normale massimo di calcolo;
Mrdxz min	: Momento flettente x-z massimo di calcolo;
Mrdxy min	: Momento flettente x-y massimo di calcolo;
Nfs	: numero di ferri superiori necessari;
Nfi	: numero di ferri inferiori necessari;
Diam	: diametro minimo necessario;
Btag	: base del travetto necessaria per assorbire il taglio di calcolo;
Vrd1	: Taglio resistente in assenza di armature trasversali;
Vwd	: Taglio resistente in presenza di armature speciali a taglio;
d	: distanza dalla trave di bordo dove mantenere la base al valore Btag;
SigCls max	: tensione d'esercizio massima sul conglomerato;
SigAcc max	: tensione d'esercizio massima sull'acciaio;
Wk max	: apertura della fessura massima in condizioni di esercizio;
f/L max	: rapporto massimo freccia-lunghezza in condizioni di esercizio;
s	: coefficiente di sicurezza;

Travetti direzione 1											
Travetto	Pos [cm]	Nsd max [kg]	Msdxz max [kgcm]	Msdxy max [kgcm]	Nsd min [kg]	Msdxz min [kgcm]	Msdxy min [kgcm]	Nfs	Nfi	Diam [mm]	s
1	0.00	7267	-19424	66189	-7267	-36233	-66189	2	1	10	1.67
	400.00	10420	41493	675	-10420	20743	-675	1	2	12	2.11
	800.00	7267	-19355	64619	-7267	-36131	-64619	2	1	10	1.67
2	0.00	3011	-35982	46887	-3011	-69632	-46887	2	1	10	1.71
	400.00	4559	82747	692	-4559	40152	-692	0	2	10	1.18
	800.00	3011	-35982	46887	-3011	-69632	-46887	2	1	10	1.71
3	0.00	255	-49107	22682	-255	-97591	-22682	2	1	8	1.01
	400.00	1319	123539	256	-1319	58861	-256	0	2	10	1.14
	800.00	255	-49107	22682	-255	-97591	-22682	2	1	8	1.01
4	0.00	210	-59834	9908	-210	-120240	-9908	2	1	10	1.30
	400.00	273	159938	20	-273	75643	-20	0	2	12	1.35
	800.00	210	-59834	9908	-210	-120240	-9908	2	1	10	1.30
5	0.00	113	-67603	4750	-113	-136477	-4750	2	1	10	1.15
	400.00	127	188542	42	-127	88649	-42	0	2	12	1.16
	800.00	113	-67603	4750	-113	-136477	-4750	2	1	10	1.15
6	0.00	4	-71582	2140	-4	-146164	-2140	2	1	10	1.09
	400.00	180	206764	30	-180	96433	-30	0	2	12	1.05
	800.00	4	-71582	2140	-4	-146164	-2140	2	1	10	1.09
7	0.00	32	-72594	0	-32	-149379	0	2	1	10	1.06
	400.00	211	213013	0	-211	99064	0	0	2	12	1.02
	800.00	32	-72594	0	-32	-149379	0	2	1	10	1.06
8	0.00	4	-71582	2140	-4	-146164	-2140	2	1	10	1.09
	400.00	180	206764	30	-180	96433	-30	0	2	12	1.05
	800.00	4	-71582	2140	-4	-146164	-2140	2	1	10	1.09
9	0.00	113	-67603	4750	-113	-136477	-4750	2	1	10	1.15
	400.00	127	188542	42	-127	88649	-42	0	2	12	1.16
	800.00	113	-67603	4750	-113	-136477	-4750	2	1	10	1.15
10	0.00	210	-59834	9908	-210	-120240	-9908	2	1	10	1.30

	400.00	273	159938	20	-273	75643	-20	0	2	12	1.35
	800.00	210	-59834	9908	-210	-120240	-9908	2	1	10	1.30
11	0.00	255	-49107	22682	-255	-97591	-22682	2	1	8	1.01
	400.00	1319	123539	256	-1319	58861	-256	0	2	10	1.14
	800.00	255	-49107	22682	-255	-97591	-22682	2	1	8	1.01
12	0.00	3011	-35982	46887	-3011	-69632	-46887	2	1	10	1.71
	400.00	4559	82747	692	-4559	40152	-692	0	2	10	1.18
	800.00	3011	-35982	48105	-3011	-69632	-48105	2	1	10	1.71
13	0.00	7267	-19355	64619	-7267	-36131	-64619	2	1	10	1.67
	400.00	10420	41493	675	-10420	20743	-675	1	2	12	2.11
	800.00	7267	-19424	66189	-7267	-36233	-66189	2	1	10	1.67

Travetti direzione 2											
Travetto	Pos [cm]	Nsd max [kg]	Msdxz max [kgcm]	Msdxy max [kgcm]	Nsd min [kg]	Msdxz min [kgcm]	Msdxy min [kgcm]	Nfs	Nfi	Diam [mm]	s
1	0.00	7267	-19424	66189	-7267	-36233	-66189	2	1	10	1.67
	400.00	10420	41493	675	-10420	20743	-675	1	2	12	2.11
	800.00	7267	-19355	64619	-7267	-36131	-64619	2	1	10	1.67
2	0.00	3011	-35982	48105	-3011	-69632	-48105	2	1	10	1.71
	400.00	4559	82747	692	-4559	40152	-692	0	2	10	1.18
	800.00	3011	-35982	46887	-3011	-69632	-46887	2	1	10	1.71
3	0.00	255	-49107	23658	-255	-97591	-23658	2	1	8	1.01
	400.00	1319	123539	256	-1319	58861	-256	0	2	10	1.14
	800.00	255	-49107	22682	-255	-97591	-22682	2	1	8	1.01
4	0.00	210	-59834	10601	-210	-120240	-10601	2	1	10	1.30
	400.00	273	159938	20	-273	75643	-20	0	2	12	1.35
	800.00	210	-59834	9908	-210	-120240	-9908	2	1	10	1.30
5	0.00	113	-67603	5193	-113	-136477	-5193	2	1	10	1.15
	400.00	127	188542	42	-127	88649	-42	0	2	12	1.16
	800.00	113	-67603	4750	-113	-136477	-4750	2	1	10	1.15
6	0.00	4	-71582	2355	-4	-146164	-2355	2	1	10	1.09
	400.00	180	206764	30	-180	96433	-30	0	2	12	1.05
	800.00	4	-71582	2140	-4	-146164	-2140	2	1	10	1.09
7	0.00	32	-72594	0	-32	-149379	0	2	1	10	1.06
	400.00	211	213014	0	-211	99064	0	0	2	12	1.02
	800.00	32	-72594	0	-32	-149379	0	2	1	10	1.06
8	0.00	4	-71582	2355	-4	-146164	-2355	2	1	10	1.09
	400.00	180	206764	30	-180	96433	-30	0	2	12	1.05
	800.00	4	-71582	2140	-4	-146164	-2140	2	1	10	1.09
9	0.00	113	-67603	5193	-113	-136477	-5193	2	1	10	1.15
	400.00	127	188542	42	-127	88649	-42	0	2	12	1.16
	800.00	113	-67603	4750	-113	-136477	-4750	2	1	10	1.15
10	0.00	210	-59834	10601	-210	-120240	-10601	2	1	10	1.30
	400.00	273	159938	20	-273	75643	-20	0	2	12	1.35
	800.00	210	-59834	9908	-210	-120240	-9908	2	1	10	1.30
11	0.00	255	-49107	23658	-255	-97591	-23658	2	1	8	1.01
	400.00	1319	123539	256	-1319	58861	-256	0	2	10	1.14
	800.00	255	-49107	22682	-255	-97591	-22682	2	1	8	1.01
12	0.00	3011	-35982	48105	-3011	-69632	-48105	2	1	10	1.71
	400.00	4559	82747	692	-4559	40152	-692	0	2	10	1.18
	800.00	3011	-35982	46887	-3011	-69632	-46887	2	1	10	1.71
13	0.00	7267	-19424	66189	-7267	-36233	-66189	2	1	10	1.67
	400.00	10420	41493	675	-10420	20743	-675	1	2	12	2.11
	800.00	7267	-19355	64619	-7267	-36131	-64619	2	1	10	1.67

4.2 Verifica a Taglio.

Travetti direzione 1

Travetto	Pos [cm]	Btag [cm]	Vrd1 [kg]	Vwd [kg]	s	d [cm]
1	Ini.	30.00	4342.05	0.00	1.52	15.00
	Fin.	30.00	4342.05	0.00	1.54	15.00
2	Ini.	30.00	4342.05	0.00	1.94	15.00
	Fin.	30.00	4342.05	0.00	1.94	15.00
3	Ini.	11.00	2138.74	0.00	1.21	0.00
	Fin.	11.00	2138.74	0.00	1.21	0.00
4	Ini.	11.00	2224.38	0.00	1.21	0.00
	Fin.	11.00	2224.38	0.00	1.21	0.00
5	Ini.	11.00	2224.38	0.00	1.12	0.00
	Fin.	11.00	2224.38	0.00	1.12	0.00
6	Ini.	11.00	2224.38	0.00	1.06	0.00
	Fin.	11.00	2224.38	0.00	1.06	0.00
7	Ini.	11.00	2224.38	0.00	1.04	0.00
	Fin.	11.00	2224.38	0.00	1.04	0.00
8	Ini.	11.00	2224.38	0.00	1.06	0.00
	Fin.	11.00	2224.38	0.00	1.06	0.00
9	Ini.	11.00	2224.38	0.00	1.12	0.00
	Fin.	11.00	2224.38	0.00	1.12	0.00
10	Ini.	11.00	2224.38	0.00	1.21	0.00
	Fin.	11.00	2224.38	0.00	1.21	0.00
11	Ini.	11.00	2138.74	0.00	1.21	0.00
	Fin.	11.00	2138.74	0.00	1.21	0.00
12	Ini.	30.00	4342.05	0.00	1.94	15.00
	Fin.	30.00	4342.05	0.00	1.92	15.00
13	Ini.	30.00	4342.05	0.00	1.54	15.00
	Fin.	30.00	4342.05	0.00	1.52	15.00

Travetti direzione 2						
Travetto	Pos [cm]	Btag [cm]	Vrd1 [kg]	Vwd [kg]	s	d [cm]
1	Ini.	30.00	4342.05	0.00	1.52	15.00
	Fin.	30.00	4342.05	0.00	1.54	15.00
2	Ini.	30.00	4342.05	0.00	1.92	15.00
	Fin.	30.00	4342.05	0.00	1.94	15.00
3	Ini.	11.00	2138.74	0.00	1.19	0.00
	Fin.	11.00	2138.74	0.00	1.21	0.00
4	Ini.	11.00	2224.38	0.00	1.20	0.00
	Fin.	11.00	2224.38	0.00	1.21	0.00
5	Ini.	11.00	2224.38	0.00	1.11	0.00
	Fin.	11.00	2224.38	0.00	1.12	0.00
6	Ini.	11.00	2224.38	0.00	1.05	0.00
	Fin.	11.00	2224.38	0.00	1.06	0.00
7	Ini.	11.00	2224.38	0.00	1.04	0.00
	Fin.	11.00	2224.38	0.00	1.04	0.00
8	Ini.	11.00	2224.38	0.00	1.05	0.00
	Fin.	11.00	2224.38	0.00	1.06	0.00
9	Ini.	11.00	2224.38	0.00	1.11	0.00
	Fin.	11.00	2224.38	0.00	1.12	0.00
10	Ini.	11.00	2224.38	0.00	1.20	0.00
	Fin.	11.00	2224.38	0.00	1.21	0.00
11	Ini.	11.00	2138.74	0.00	1.19	0.00
	Fin.	11.00	2138.74	0.00	1.21	0.00
12	Ini.	30.00	4342.05	0.00	1.92	15.00
	Fin.	30.00	4342.05	0.00	1.94	15.00
13	Ini.	30.00	4342.05	0.00	1.52	15.00
	Fin.	30.00	4342.05	0.00	1.54	15.00

4.3 Verifiche di esercizio: stato tensionale.

Travetti direzione 1										
Travetto	Pos [cm]	Comb. Rare			Comb. Frequenti			Comb. Q.Perm.		
		SigCls max [kg/cm ²]	SigAcc max [kg/cm ²]	s	SigCls max [kg/cm ²]	SigAcc max [kg/cm ²]	s	SigCls max [kg/cm ²]	SigAcc max [kg/cm ²]	s
1	0.00	29.24	420.17	5.11	20.04	283.20	5.59	16.61	230.27	6.75
	400.00	36.25	524.32	4.12	23.52	335.32	4.76	18.03	253.83	6.21
	800.00	29.20	419.56	5.12	19.99	282.55	5.60	16.56	229.58	6.77
2	0.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.37	3.90
	400.00	50.27	-529.23	2.97	44.23	-796.60	2.53	38.56	-841.65	2.91
	800.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.37	3.90
3	0.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69
	400.00	70.03	-1953.79	1.76	62.42	-1789.72	1.80	54.79	-1626.00	2.04
	800.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69
4	0.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
	400.00	78.20	-1959.16	1.76	69.93	-1759.58	1.60	61.65	-1560.00	1.82
	800.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
5	0.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
	400.00	91.88	-2332.24	1.47	82.18	-2089.63	1.36	72.48	-1847.02	1.55
	800.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
6	0.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
	400.00	100.82	-2552.79	1.35	90.15	-2287.64	1.24	79.47	-2022.49	1.41
	800.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
7	0.00	72.39	-2576.61	1.34	64.68	-2305.65	1.49	57.01	-2031.65	1.69
	400.00	103.91	-2627.05	1.31	92.89	-2354.56	1.21	81.88	-2082.07	1.37
	800.00	72.39	-2576.61	1.34	64.68	-2305.65	1.49	57.01	-2031.64	1.69
8	0.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
	400.00	100.82	-2552.79	1.35	90.15	-2287.64	1.24	79.47	-2022.49	1.41
	800.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
9	0.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
	400.00	91.88	-2332.24	1.47	82.18	-2089.63	1.36	72.48	-1847.02	1.55
	800.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
10	0.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
	400.00	78.20	-1959.16	1.76	69.93	-1759.58	1.60	61.65	-1560.00	1.82
	800.00	57.70	-2129.33	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
11	0.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69
	400.00	70.03	-1953.79	1.76	62.42	-1789.72	1.80	54.79	-1626.00	2.04
	800.00	58.38	-2536.21	1.36	52.10	-2304.01	1.49	46.08	-2033.14	1.69
12	0.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.37	3.90
	400.00	50.27	-529.23	2.97	44.23	-796.60	2.53	38.56	-841.65	2.91
	800.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.37	3.90
13	0.00	29.20	419.56	5.12	19.99	282.55	5.60	16.56	229.58	6.77
	400.00	36.25	524.32	4.12	23.52	335.32	4.76	18.03	253.83	6.21
	800.00	29.24	420.17	5.11	20.04	283.20	5.59	16.61	230.27	6.75

Travetti direzione 2										
Travetto	Pos [cm]	Comb. Rare			Comb. Frequenti			Comb. Q.Perm.		
		SigCls max [kg/cm ²]	SigAcc max [kg/cm ²]	s	SigCls max [kg/cm ²]	SigAcc max [kg/cm ²]	s	SigCls max [kg/cm ²]	SigAcc max [kg/cm ²]	s
1	0.00	29.24	420.17	5.11	20.04	283.20	5.59	16.61	230.27	6.75
	400.00	36.25	524.32	4.12	23.52	335.32	4.76	18.03	253.83	6.21
	800.00	29.20	419.56	5.12	19.99	282.55	5.60	16.56	229.58	6.77
2	0.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.37	3.90
	400.00	50.27	-529.23	2.97	44.23	-796.60	2.53	38.56	-841.65	2.91
	800.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.37	3.90
3	0.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69
	400.00	70.03	-1953.79	1.76	62.42	-1789.72	1.80	54.79	-1626.00	2.04
	800.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69

4	0.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
	400.00	78.20	-1959.16	1.76	69.93	-1759.58	1.60	61.65	-1560.00	1.82
	800.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
5	0.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
	400.00	91.88	-2332.24	1.47	82.18	-2089.63	1.36	72.48	-1847.02	1.55
	800.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
6	0.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
	400.00	100.82	-2552.79	1.35	90.15	-2287.64	1.24	79.47	-2022.49	1.41
	800.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
7	0.00	72.39	-2576.61	1.34	64.68	-2305.65	1.49	57.01	-2031.64	1.69
	400.00	103.91	-2627.05	1.31	92.89	-2354.56	1.21	81.88	-2082.07	1.37
	800.00	72.39	-2576.61	1.34	64.68	-2305.65	1.49	57.01	-2031.64	1.69
8	0.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
	400.00	100.82	-2552.79	1.35	90.15	-2287.64	1.24	79.47	-2022.49	1.41
	800.00	70.77	-2527.28	1.36	63.27	-2258.94	1.52	55.77	-1990.86	1.73
9	0.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.24	1.84
	400.00	91.88	-2332.24	1.47	82.18	-2089.63	1.36	72.48	-1847.02	1.55
	800.00	65.81	-2386.40	1.44	58.96	-2123.21	1.62	52.03	-1868.23	1.84
10	0.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
	400.00	78.20	-1959.16	1.76	69.93	-1759.58	1.60	61.65	-1560.00	1.82
	800.00	57.70	-2129.32	1.62	51.84	-1885.26	1.82	45.82	-1656.47	2.08
11	0.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69
	400.00	70.03	-1953.79	1.76	62.42	-1789.72	1.80	54.79	-1626.00	2.04
	800.00	58.38	-2536.21	1.36	52.10	-2304.02	1.49	46.08	-2033.14	1.69
12	0.00	37.96	-562.87	3.94	33.05	-739.88	3.39	28.72	-750.38	3.90
	400.00	50.27	-529.23	2.97	44.23	-796.60	2.53	38.56	-841.65	2.91
	800.00	37.96	-562.87	3.94	33.05	-739.89	3.39	28.72	-750.38	3.90
13	0.00	29.24	420.17	5.11	20.04	283.20	5.59	16.61	230.27	6.75
	400.00	36.25	524.32	4.12	23.52	335.32	4.76	18.03	253.83	6.21
	800.00	29.20	419.56	5.12	19.99	282.55	5.60	16.56	229.58	6.77

4.4 Verifiche di esercizio: fessurazione.

Travetti direzione 1							
Travetto	Pos [cm]	Comb. Rare		Comb. Frequenti		Comb. Q.Perm.	
		Wk max [cm]	s	Wk max [cm]	s	Wk max [cm]	s
1	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.00	-	0.00	-	0.00	-
	800.00	0.00	-	0.00	-	0.00	-
2	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.15	3.42	0.13	3.06	0.00	-
	800.00	0.00	-	0.00	-	0.00	-
3	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.22	2.30	0.19	2.06	0.17	1.75
	800.00	0.00	-	0.00	-	0.00	-
4	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.20	2.54	0.18	2.27	0.16	1.93
	800.00	0.00	-	0.00	-	0.00	-
5	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.23	2.16	0.21	1.93	0.18	1.64
	800.00	0.00	-	0.00	-	0.00	-
6	0.00	0.02	25.07	0.00	-	0.00	-
	400.00	0.25	1.97	0.23	1.76	0.20	1.50
	800.00	0.02	25.07	0.00	-	0.00	-
7	0.00	0.02	24.53	0.00	-	0.00	-
	400.00	0.26	1.91	0.23	1.71	0.21	1.45
	800.00	0.02	24.53	0.00	-	0.00	-
8	0.00	0.02	25.07	0.00	-	0.00	-

	400.00	0.25	1.97	0.23	1.76	0.20	1.50
	800.00	0.02	25.07	0.00	-	0.00	-
9	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.23	2.16	0.21	1.93	0.18	1.64
	800.00	0.00	-	0.00	-	0.00	-
10	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.20	2.54	0.18	2.27	0.16	1.93
	800.00	0.00	-	0.00	-	0.00	-
11	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.22	2.30	0.19	2.06	0.17	1.75
	800.00	0.00	-	0.00	-	0.00	-
12	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.15	3.42	0.13	3.06	0.00	-
	800.00	0.00	-	0.00	-	0.00	-
13	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.00	-	0.00	-	0.00	-
	800.00	0.00	-	0.00	-	0.00	-

Travetti direzione 2							
Travetto	Pos [cm]	Comb. Rare		Comb. Frequenti		Comb. Q.Perm.	
		Wk max [cm]	s	Wk max [cm]	s	Wk max [cm]	s
1	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.00	-	0.00	-	0.00	-
	800.00	0.00	-	0.00	-	0.00	-
2	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.15	3.42	0.13	3.06	0.00	-
	800.00	0.00	-	0.00	-	0.00	-
3	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.22	2.30	0.19	2.06	0.17	1.75
	800.00	0.00	-	0.00	-	0.00	-
4	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.20	2.54	0.18	2.27	0.16	1.93
	800.00	0.00	-	0.00	-	0.00	-
5	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.23	2.16	0.21	1.93	0.18	1.64
	800.00	0.00	-	0.00	-	0.00	-
6	0.00	0.02	25.07	0.00	-	0.00	-
	400.00	0.25	1.97	0.23	1.76	0.20	1.50
	800.00	0.02	25.07	0.00	-	0.00	-
7	0.00	0.02	24.53	0.00	-	0.00	-
	400.00	0.26	1.91	0.23	1.71	0.21	1.45
	800.00	0.02	24.53	0.00	-	0.00	-
8	0.00	0.02	25.07	0.00	-	0.00	-
	400.00	0.25	1.97	0.23	1.76	0.20	1.50
	800.00	0.02	25.07	0.00	-	0.00	-
9	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.23	2.16	0.21	1.93	0.18	1.64
	800.00	0.00	-	0.00	-	0.00	-
10	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.20	2.54	0.18	2.27	0.16	1.93
	800.00	0.00	-	0.00	-	0.00	-
11	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.22	2.30	0.19	2.06	0.17	1.75
	800.00	0.00	-	0.00	-	0.00	-
12	0.00	0.00	-	0.00	-	0.00	-
	400.00	0.15	3.42	0.13	3.06	0.00	-
	800.00	0.00	-	0.00	-	0.00	-
13	0.00	0.00	-	0.00	-	0.00	-

	400.00	0.00	-	0.00	-	0.00	-
	800.00	0.00	-	0.00	-	0.00	-

4.5 Verifiche di esercizio: deformabilità.

Travetti direzione 1										
Travetto	L [cm]	Comb. Rare			Comb. Frequenti			Comb. Q.Perm.		
		f/L lim	f/L max	s	f/L lim	f/L max	s	f/L lim	f/L max	s
1	800	0.0020	0.0002	9.09	0.0020	0.0002	9.94	0.0020	0.0002	10.66
2	800	0.0020	0.0009	2.32	0.0020	0.0008	2.60	0.0020	0.0007	2.87
3	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0017	1.16
4	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
5	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
6	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
7	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
8	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
9	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
10	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
11	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0017	1.16
12	800	0.0020	0.0009	2.32	0.0020	0.0008	2.60	0.0020	0.0007	2.86
13	800	0.0020	0.0002	9.12	0.0020	0.0002	9.97	0.0020	0.0002	10.69

Travetti direzione 2										
Travetto	L [cm]	Comb. Rare			Comb. Frequenti			Comb. Q.Perm.		
		f/L lim	f/L max	s	f/L lim	f/L max	s	f/L lim	f/L max	s
1	800	0.0020	0.0002	9.09	0.0020	0.0002	9.94	0.0020	0.0002	10.66
2	800	0.0020	0.0009	2.32	0.0020	0.0008	2.60	0.0020	0.0007	2.86
3	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0017	1.16
4	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
5	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
6	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
7	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
8	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
9	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
10	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0001	20.00
11	800	0.0020	0.0001	20.00	0.0020	0.0001	20.00	0.0020	0.0017	1.16
12	800	0.0020	0.0009	2.32	0.0020	0.0008	2.60	0.0020	0.0007	2.86
13	800	0.0020	0.0002	9.09	0.0020	0.0002	9.94	0.0020	0.0002	10.66