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RELAZIONE GEOTECNICA E DI CALCOLO IMBOCCO LATO NOLI

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1 INTRODUZIONE

La presente Relazione di calcolo è parte integrante del progetto definitivo per la realizzazione dell' Imbocco Lato Noli, nell'ambito del "Progetto variante di tracciato alla S.S.1 Aurelia – Capo Noli" da realizzare nel Comune di Noli (SV).

In corrispondenza di detto imbocco il progetto prevede un fronte d'attacco della Galleria, la cui esecuzione comporta una significativa riprofilatura del versante in roccia esistente e l'esecuzione di uno scavo verticale - di altezza variabile tra circa 4 e 19.5 m. La funzione di sostegno dello scavo è affidata ad una paratia berlinese (Paratia 1) coadiuvata ad un sistema di chiodature passive ad essa ancorate. Il progetto prevede inoltre l'esecuzione di una paratia (Paratia 2) a tergo della Paratia 1 e parallela alla stessa lungo lo sviluppo longitudinale alla galleria, e di un breve tratto (Paratia 3) a tergo dell'opera idraulica in prossimità dell'imbocco, anche esse ancorate su più livelli di chiodi passivi. Le paratie sono di tipo berlinese, costituite da micropali ϕ 220, passo 0.4 m e armate con profili tubolari di acciaio S355 di diametro 139.7 mm e spessore 8 mm, ancorati su più livelli tramite chiodature passive. Le lunghezze complessive delle tre paratie sono rispettivamente di circa 110 m, 43 m e 6 m rispettivamente per la Paratia 1, 2 e 3.

L'altezza massima fuori terra delle strutture di sostegno è pari a 19.5 m (Paratia 1), ed il pendio a tergo delle opere presenta pendenze dell'ordine di 10 – 38°.

La presente relazione riguarda il progetto e il dimensionamento delle strutture di sostegno flessibili multi ancorate al fine di raggiungere adeguata stabilità e sicurezza e la verifica nei riguardi della stabilità globale del versante in fase costruttiva e di esercizio.

Nella relazione vengono sinteticamente descritte le proprietà dei differenti materiali e i metodi di calcolo utilizzati per le diverse verifiche.

2 NORMATIVE E RACCOMANDAZIONI

- Legge 5 Novembre 1971 N° 1086 – " Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica";
- Legge 5 Novembre 1971 N° 1086 – " Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica";
- Circolare LL.PP. 14 Febbraio 1974 n° 11951 – "Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica – Istruzioni per l'applicazione";
- Legge 2 Febbraio 1974 n. 64 – "Provvedimenti per le costruzioni, con particolari prescrizioni per le zone sismiche";
- CNR 10024/84 del 23.11.1984 – "Analisi di strutture mediante elaboratore: impostazione e redazione delle relazioni di calcolo";
- D.M. LL.PP. 14 Gennaio 2008 - "Norme tecniche per le costruzioni";
- Circolare 2 Febbraio 2009, n. 617 - "Istruzioni per l'applicazione delle Norme tecniche per le costruzioni di cui al D.M. 14 gennaio 2008"Testo in stile "Normale".

2.1 SOFTWARE UTILIZZATO

- Slope/W. Programma per l'analisi di stabilità dei pendii. GEO-SLOPE International Ltd (Calgary, Alberta, Canada);
- PARATIE per Windows, Versione 7.0. Programma per il progetto e la verifica di paratie, CEAS.

3 GEOMETRIA E TIPOLOGIA DELL'INTERVENTO

Come citato nelle premesse, il progetto prevede la realizzazione di paratie berlinesi a sostegno della zona dell'area di imbocco lato Noli della galleria ancorate ad un sistema di chiodature passive in barre di acciaio (Φ40), a cui è affidato il mantenimento di adeguate condizioni di equilibrio del versante, sia in condizioni provvisorie che in quelle definitive.

Dopo un'attenta valutazione di possibili soluzioni progettuali alternative, è apparso più conveniente e affidabile ricorrere ad ancoraggi di tipo passivo, piuttosto che a tiranti pretesi. Questa soluzione, infatti, presenta i seguenti vantaggi fondamentali:

- gli ancoraggi sono costituiti da barre di acciaio di notevole spessore e protetti da una corona circolare di malta cementizia (copriferro), anch'essa di spessore considerevole. La resistenza alla corrosione di questi elementi strutturali è quindi decisamente superiore rispetto ai tiranti attivi;
- gli ancoraggi sono di tipo "passivo", e pertanto saranno sollecitati soltanto se - quando - laddove - se ne manifesti l'effettiva necessità;
- i tassi di lavoro dei materiali costituenti l'ancoraggio, nonché quelli delle rocce di fondazione dell'ancoraggio, sono ben minori di quelli caratteristici dei tiranti a trefoli attivi;
- l'iniezione avviene con un'unica soluzione lungo l'intera lunghezza del foro; ciò consente alla miscela di iniezione di riempire e consolidare fratture ed eventuali cavità, anche in prossimità della superficie del versante;
- il numero di chiodature passive è superiore a quello di tiranti pretesi, il che implica una migliore diffusione delle forze esercitate dai chiodi;
- gli spostamenti necessari a mobilitare la piena resistenza dell'ancoraggio sono comunque modesti, e verosimilmente dell'ordine di alcuni millimetri.

Infine, le nuove Norme Tecniche per le Costruzioni (NTC08) prescrivono, per i tiranti attivi impiegati con funzione permanente, la predisposizione di un piano di monitoraggio per verificare il comportamento dell'ancoraggio nel tempo, nonché la possibilità di successivi interventi di regolazione e/o sostituzione. Non avendo certezza alcuna sul soddisfacimento di questi requisiti durante la vita utile degli ancoraggi, diventa vantaggioso ricorrere ad ancoraggi di tipo passivo.

Le paratie berlinesi a sostegno dell'imbocco sono costituite da micropali verticali di diametro 220 mm, ad interasse i=0.4 m armati con tubolari di acciaio S355 tipo ϕ 139.7 mm, di spessore 8 mm, collegati in testa da una trave in c.a. di altezza pari a 0.8 m. Al fine di ottimizzare la struttura, sono previsti tratti di paratie diversificati per tipo di pali (lunghezza, profondità di infissione) e per numero di ordini di chiodi passivi.

Per i chiodi passivi è previsto un interasse orizzontale di 2.0 m; anche in questo caso, al fine di ottimizzare la struttura sono previste tipologie di chiodi passivi diverse per lunghezze e inclinazioni. In corrispondenza del cavo della galleria inoltre, le chiodature passive in acciaio sono sostituite da chiodi in vetroresina, che saranno via via demoliti con il proseguire dell'avanzamento del fronte di scavo.

Rimandando alle tavole di progetto per una completa descrizione dell'intervento, nelle Figure 1 - 2 - 3 sono mostrate le diverse sezioni di calcolo esaminate nelle verifiche di sicurezza di ciascun tratto di paratia, mentre nelle Tabelle 1 – 2 - 3 si riassumono le principali caratteristiche geometriche dello scavo, dei micropali e dei chiodi passivi, per le sezioni di calcolo risultate più gravose.

4 PARAMETRI FISICO-MECCANICI DEI LITOTIPI

I litotipi interessati dall'imbocco sono costituiti da dolomie, al disopra delle quali si trova uno strato superficiale di brecce che presenta uno spessore massimo di circa 7 m in corrispondenza della zona di imbocco (v. Tavola T015 - Profilo Geomeccanico - del Progetto Preliminare).

Ai fini della presente relazione di calcolo e delle relative verifiche, è sufficiente evidenziare che per i litotipi interessati sono stati assunti i parametri fisico-meccanici sintetizzati in Tabella 4. Si evidenzia che i parametri meccanici adottati risultano piuttosto conservativi; tale scelta si è resa opportuna data l'assenza di una campagna di indagini integrativa approfondita e data l'evidente alterazione della roccia in corrispondenza dell'imbocco.

5 CARATTERISTICHE E VERIFICHE DELLE CHIODATURE

Nel presente capitolo vengono descritte alcune caratteristiche geometriche e meccaniche delle chiodature passive ancorate alle paratie berlinesi. Vengono inoltre sinteticamente riportate alcune verifiche di sicurezza degli stessi ancoraggi.

5.1 PROPRIETÀ DELLE BARRE IN ACCIAIO

Le chiodature permanenti di tipo passivo ancorate alle paratie berlinesi a sostegno dei fronti di scavo sono realizzate con barre Φ40 di acciaio B450C, aventi le seguenti proprietà:

f_{yk} = tensione caratteristica di snervamento = 450 MPa;

A_s = area della barra di acciaio = 1257 mm^2;

F_{yk} = forza caratteristica di snervamento di una barra = $f_{yk}\, A_s$ = 565.5 kN.

La resistenza di calcolo dell'acciaio è stata determinata assumendo cautelativamente un coefficiente di sicurezza parziale sulla resistenza del materiale (γ_S) pari a 1.3, lievemente maggiore di quello minimo imposto dalle NTC08; la forza di snervamento di calcolo F_{yd} di una barra risulta pertanto:

$$F_{yd} = \frac{F_{yk}}{\gamma_S} = \frac{565.5}{1.3} = 435 \text{ kN}.$$

5.2 DIAMETRO DEI FORI

Il diametro previsto per i fori delle chiodature è pari a 12.5 cm, vale a dire, sensibilmente maggiore del diametro delle barre di acciaio. Tale diametro è stato adottato al fine di:

- minimizzare le deviazioni dalla inclinazione prescritta per gli ancoraggi;
- facilitare il centramento delle barre all'interno del foro;
- fornire una adeguata protezione dalla corrosione (copriferro), incrementando così la durabilità dell'intervento.

5.3 VERIFICA A SFILAMENTO DELLE CHIODATURE

La lunghezza minima della fondazione dell'ancoraggio, L_{Fmin}, è stata determinata imponendo, secondo il principio della gerarchia delle resistenze, che la barra d'acciaio costituente l'armatura dell'ancoraggio raggiunga lo snervamento prima dello sfilamento del chiodo rispetto alla roccia circostante. A tal fine, occorre innanzitutto valutare la resistenza tangenziale (a_k) all'interfaccia tra la roccia e la superficie laterale del chiodo iniettato. Considerato che i chiodi in esame sono iniettati per tutta la loro lunghezza in un'unica soluzione, il valore caratteristico di a_k è stato valutato avvalendosi del metodo di Bustamante e Doix (1985), ottenendo:

a_k = 400 kPa

Tale valore, che ricade nel campo medio-basso suggerito dagli Autori per rocce alterate e fratturate, è ritenuto lievemente conservativo e dovrà comunque essere validato, in sede di progettazione esecutiva, da prove di sfilamento in vera grandezza da eseguire in prossimità dell'imbocco in esame.

La lunghezza minima della fondazione dell'ancoraggio vale pertanto:

$$L_{F\,min} = \frac{F_{yk}}{\pi\, d\, a_d}$$

ove: d = diametro della perforazione = 12.5 cm;

a_d = resistenza tangenziale di calcolo all'interfaccia chiodo-roccia,

ed il valore di a_d è ottenuto dividendo il valore caratteristico a_k per il coefficiente parziale di sicurezza sui materiali (γ_M=1.25). Con i valori delle grandezze su elencati, si ottiene in definitiva:

$$L_{F\,min} = \frac{F_{yk}}{\pi\, d\, a_d} = \frac{565.5}{\pi \cdot 0.125 \cdot \frac{400}{1.25}} = 4.48\,\text{m}$$

Occorre ora verificare che, sotto l'azione di progetto, sussista un sufficiente margine di sicurezza nei confronti dello sfilamento tra chiodatura e roccia. In accordo con NTC08, tale verifica a sfilamento prevede che sia verificata la diseguaglianza:

$$R_{ad} \geq F_d$$

ove R_{ad} è la resistenza di progetto e F_{yd} = 435 kN è l'azione di progetto. Nel caso in esame risulta:

$$R_{ad} = \frac{R_{ak}}{\gamma_{Ra,p}}$$

ove: R_{ak} è la resistenza caratteristica: $R_{ak} = \frac{R_{ac}}{\xi_{a4}} = \frac{R_{ac}}{1.8}$;

$\gamma_{Ra,p}$ = 1.2 è il coefficiente parziale per la resistenza degli ancoraggi permanenti.

La verifica diviene pertanto:

$$\left(\frac{L_F \cdot \pi \cdot d \cdot a_k}{1.8}\right) / 1.2 \geq F_{yd}$$

dalla quale si ottiene in definitiva: $L_F \geq 5.99\,\text{m}$.

Sulla scorta delle precedenti valutazioni, nelle analisi di stabilità globale del versante condotte, con il metodo delle strisce, considerando la sola presenza del sistema di chiodature passivo, si assume che la lunghezza

"fittizia" della fondazione dell'ancoraggio passivo sia pari a L_F = 6 m; ciò equivale ad assumere che la forza di calcolo dell'ancoraggio (F_{yd} = 435 kN) può essere interamente esplicitata fin quando la lunghezza della fondazione del chiodo è superiore a 6 m, e che per valori minori della lunghezza tale forza deve essere necessariamente ridotta.

5.4 PROPRIETÀ DELLE BARRE IN VETRORESINA

In corrispondenza del cavo della galleria le chiodature passive in acciaio sono sostituite da chiodi in vetroresina, che saranno via via demoliti con il proseguire dell'avanzamento del fronte di scavo. Per il dimensionamento di tali chiodi - ed in particolare, per la scelta di una idonea sezione del chiodo - è sufficiente imporre che la forza di snervamento di calcolo F_{yd} sia pari a quella adottata per le barre di acciaio (F_{yd} = 435 kN).

6 DEFINIZIONE DELL'AZIONE SISMICA

La determinazione dell'azione sismica è stata effettuata secondo le Nuove Norme Tecniche per le Costruzioni (NTC08). In accordo con la citata normativa, data l'importanza delle opere in esame, si è ritenuto opportuno considerare una vita nominale V_N delle stesse pari a 50 anni. Le opere inoltre, in relazione alle conseguenze di una eventuale interruzione di operatività causata dall'evento sismico, sono state classificate di classe d'uso III; tale scelta comporta l'assunzione di un coefficiente d'uso C_U = 1.5.

Da tali opzioni deriva il periodo di riferimento V_R per l'azione sismica:

$V_R = V_N \cdot C_U = 75$ anni.

In relazione alle prestazioni delle opere si è inoltre fatto riferimento ad uno Stato Limite Ultimo di salvaguardia della vita (SLV), a cui viene associata una probabilità di superamento P_{VR} = 10 % nel suddetto periodo di riferimento V_R di 75 anni.

Per lo Stato Limite Ultimo SLV, al valore del periodo di riferimento V_R = 75 anni corrisponde un valore del periodo di ritorno T_R = 712 anni.

Dalla Tabella in allegato alle NTC08 contenente i parametri spettrali per tutti i punti del reticolo di riferimento, per il suddetto periodo di ritorno e in corrispondenza dell'area in esame (longitudine = 8.42016 ; latitudine = 44.19840), si ottiene il seguente valore di accelerazione orizzontale massima a_g:

a_g = 0.079 g = 0.775 m/s^2

Nota l'accelerazione orizzontale massima a_g, sono stati determinati i valori dei coefficienti sismici orizzontale k_h e verticale k_v, da adottare nelle verifiche di sicurezza delle paratie con metodi pseudostatici:

$$k_h = \frac{a_g \cdot S_S \cdot S_T \cdot \beta}{g} \qquad , \; k_v = \pm 0.5 \cdot k_h$$

ove:

- S_S è il coefficiente di amplificazione stratigrafica assunto pari a 1.2, relativo ad una categoria di sottosuolo di tipo B;
- S_T è il coefficiente di amplificazione topografica assunto pari a 1.2, corrispondente a una categoria topografica T2 (pendii con inclinazione media i > 15°);
- β è il coefficiente di spostamento assunto cautelativamente pari ad 1.

I valori dei coefficienti sismici orizzontale e verticale assunti nelle verifiche delle paratie risultano pertanto:

$k_h = 0.114$, $\quad k_v = \pm 0.057$

Tali valori dei coefficienti sismici sono stati conservativamente adottati anche nelle verifiche di stabilità globale del versante in condizioni di esercizio (configurazione definitiva), adottando quindi un coefficiente β_s di riduzione dell'accelerazione massima attesa al sito per la stabilità dei pendii, anch'esso pari all'unità.

Si evidenzia che anche nelle verifiche di stabilità relative alla fase costruttiva si è cautelativamente assunta un'azione sismica, seppur di lieve intensità. Più precisamente, le analisi di stabilità relative alla configurazione provvisoria dell'imbocco durante le fasi realizzative sono state eseguite con un'azione sismica di progetto denotata dai seguenti coefficienti:

$k_h = 0.04$, $\quad k_v = \pm 0.02$

cui corrisponde, per il sito in esame, un tempo di ritorno del sisma T_R di circa 60 anni, ovvero una probabilità molto bassa che si verifichi un tale evento sismico durante la fase di costruzione dell'opera.

7 VERIFICA DELLE PARATIE

Il dimensionamento delle berlinesi, effettuato per le sezione di calcolo rappresentative (v. § 3), è stato effettuato con l'ausilio del codice di calcolo ad elementi finiti PARATIE (Ceas s.r.l., Milano, versione 7.0), nel quale il terreno è schematizzato con molle elasto-plastiche (Becci & Nova, 1987) mentre per la struttura in c.a. e per i vincoli si assume un comportamento elastico.

Si evidenzia che il codice adottato consente di simulare l'installazione di vincoli – pretesi e non – e l'evoluzione di spostamenti, sollecitazioni e spinte durante le varie fasi costruttive; in particolare, la spinta dei terreni posti a monte e a valle della struttura di sostegno può evolvere durante le varie fasi di scavo passando da condizioni di spinta "in quiete" a valori che tendono alle condizioni ultime (attive e passive) col procedere delle deformazioni. A titolo di esempio, si elencano di seguito i vari passi di calcolo (step) seguiti nell'analisi per la simulazione dello scavo in presenza di *due ordini di chiodature passive*:

- Step 1: condizione geostatica, per la valutazione delle tensioni verticali e delle tensioni orizzontali in assenza di deformazioni (spinta in quiete);
- Step 2: scavo alla quota prevista per il primo ordine di chiodi passivi;
- Step 3: installazione del primo ordine di chiodi passivi;
- Step 4: scavo alla quota prevista per il secondo ordine di chiodi passivi;
- Step 5: installazione del secondo ordine di chiodi passivi;
- Step 6 : scavo finale fino alla quota di fondo scavo;
- Step 7: attivazione dell'incremento di spinta dovuto al sisma.

Nel calcolo sono state assunte le seguenti ipotesi fondamentali:

- soglie di plasticizzazione del terreno; queste sono valutate sulla base delle tensioni orizzontali limite attive e passive. In particolare, i valori dei coefficienti di spinta attiva ($K_{a,h}$) e passiva ($K_{p,h}$) sono stati stimati con l'espressione di Coulomb, assumendo valori dell'angolo d'attrito all'interfaccia parete-terreno $\delta_a = 2/3\ \phi$ e $\delta_p = 1/2\ \phi$;
- rigidezza flessionale della struttura di sostegno; la rigidezza flessionale (EJ) della paratia è stata opportunamente ridotta per ricondurre l'analisi al problema piano, dividendo la rigidezza propria dei pali per l'interasse (i) tra i pali, pari a 0.4 m;
- analogamente, le rigidezze assiali dei chiodi e le componenti orizzontali delle forze da essi esercitati sono state ricondotte al problema piano, tenendo conto dell'interasse orizzontale dei chiodi s_h = 2.0 m; nel calcolo le rigidezze dei chiodi sono state assunte considerando una lunghezza "fittizia" della fondazione dell'ancoraggio passivo pari alla metà della lunghezza totale dello stesso;
- l'incremento di spinta sismica è stato valutato per il sisma di progetto (k_h = 0.114 ; kv = ± 0.057) avvalendosi dell'espressione di Mononobe-Okabe. Per le sezioni di calcolo in corrispondenza cavo della galleria sono state eseguite verifiche di sicurezza relative alla configurazione provvisoria degli imbocchi durante le fasi realizzative con un'azione sismica di progetto caratterizzata dai coefficienti sismici $k_h = 0.04$, $k_v = \pm 0.02$ (v. § 6), tenendo conto della presenza dei chiodi in vetroresina (successivamente demoliti in fase di esercizio).

Si evidenzia che le analisi e le verifiche qui riportate rappresentano solo una parte di quelle effettivamente condotte. Infatti il codice di calcolo è stato utilizzato parametricamente al fine di individuare i valori ottimali di alcune grandezze geometriche quali interasse e posizione dei chiodi passivi e la profondità di infissione dei pali. Quest'ultima in particolare è stata determinata attraverso analisi preliminari di dimensionamento secondo l'Approccio 1–Combinazione 2 delle NTC08, adottando valori di calcolo ridotti secondo i coefficienti parziali di sicurezza γ_M dei parametri geotecnici dei litotipi.

La verifica di tipo STR è stata invece eseguita secondo l'Approccio 1–Combinazione 1 delle NTC08, in cui per i litotipi dolomia e breccia sono state adottati i valori caratteristici dei parametri fisico-meccanici elencati nella

Tabella 4. Le sollecitazioni agenti sulla paratia e le forze sugli ancoraggi derivanti da tali analisi, sono state moltiplicate per il coefficiente amplificativo delle azioni γ_G = 1.3 nelle verifiche di sicurezza di tali elementi strutturali.

I risultati delle analisi sono integralmente raccolti, in forma grafica e tabulare, nelle Appendici A - Q. Per comodità del lettore alcuni risultati salienti delle analisi sono riportati nelle Tabelle 5 - 6 -7 che riassumono, per le diverse sezioni analizzate:

- le massime caratteristiche della sollecitazione (momento, taglio) nei micropali ϕ220, e i corrispondenti passi di calcolo (step);
- le profondità alla quale dette sollecitazioni agiscono;
- i massimi sforzi assiali nei vari ordini di ancoraggio.

7.1 VERIFICHE DI SICUREZZA

Il codice di calcolo utilizzato per il dimensionamento della struttura di sostegno consente anche un'affidabile determinazione della stabilità del tratto infisso della paratia, espressa attraverso il rapporto tra la spinta passiva effettivamente mobilitata dallo scavo (R_p) e la resistenza passiva ($R_{p,max}$) relativa allo stesso tratto:

$$F_{RP} = R_p/R_{p,max}$$

I valori di F_{RP} ottenuti dalle verifiche sono riportati nei tabulati di calcolo delle Appendici A-Q e riassunti nelle Tabelle 5 - 6 - 7. I valori di F_{RP}, minori dell'unità, denotano la sostanziale stabilità dell'infissione delle paratie. Si rammenta inoltre che la profondità di infissione dei pali è stata determinata attraverso analisi preliminari secondo l'Approccio 1-Combinazione 2 delle NTC08, adottando valori di calcolo dei parametri geotecnici dei litotipi ridotti secondo i coefficienti parziali di sicurezza γ_M; da queste analisi preliminari condotte con le profondità di infissione di progetto, per tutte le sezioni di calcolo il valore del rapporto F_{RP} è risultato sempre inferiore all'unità.

7.2 VERIFICHE DEI MICROPALI ϕ 220

Le sezioni di calcolo sono state verificate secondo le NTC08, con riferimento ai valori di momento e taglio massimo elencati nelle Tabelle 5 - 6 - 7, utilizzando l'approccio:

Approccio 1- Combinazione 1 (A1+M1+R1) – SLU

Detta verifica impone:

$E_d \leq R_d$

ove E_d è l'azione di calcolo e R_d la resistenza di calcolo. L'azione di calcolo è determinata assumendo un coefficiente parziale moltiplicativo delle sollecitazioni pari a 1.3 (N_{Ed}=1.3 ×N_{max}; M_{Ed} =1.3 × M_{max}; T_{Ed}=1.3 × T_{max}), mentre la resistenza di calcolo R_d è pari a f_{yd}. = f_{yk}/γ_{M0} con γ_{M0}=1.05:

$$E_d = \sigma_{id} = \sqrt{\left(\frac{N_{Ed}}{A} + \frac{M_{Ed}}{W}\right)^2 + 3\left(\frac{T_{Ed}}{\chi A}\right)^2} \leq R_d = f_{yd} = \frac{f_{yk}}{\gamma_{M0}}$$

Per ciascuna sezione di calcolo le verifiche dei micropali della berlinese sono state eseguite in corrispondenza delle due sezioni del palo in cui si sviluppano le sollecitazioni di momento massimo e di taglio massimo. La

Tabella 8 sintetizza i valori di calcolo delle sollecitazioni agenti sul palo insieme ai risultati delle verifiche espressi in termini del rapporto E_d/R_d; dalla tabella si osserva che per tutte le sezioni di calcolo e per le due combinazioni esaminate la verifica risulta soddisfatta.

7.3 VERIFICHE DEGLI ANCORAGGI DELLA BERLINESE

Anche le verifiche nei riguardi del dimensionamento dell'armatura e della lunghezza della fondazione dei chiodi passivi risultano ampiamente soddisfatte. Dalle Tabelle 5 - 6 - 7 si può infatti osservare che i massimi sforzi assiali sui vari livelli di ancoraggio – moltiplicati per il coefficiente di sicurezza parziale amplificativo delle azioni γ_{G1} = 1.3 secondo A1-C1 delle NTC08 - risultano sensibilmente inferiori alla forza di snervamento di calcolo F_{yd} di una barra (F_{yd} = 435 kN). In aggiunta, le lunghezze delle fondazioni delle chiodature sono maggiori o uguali di quelle minime che soddisfano la verifica a sfilamento secondo la stessa Normativa (v. § 5) .

8 VERIFICHE DI STABILITA' GLOBALE

Le analisi di stabilità globale sono state condotte con gli usuali metodi dell'equilibrio limite (metodi delle strisce) avvalendosi del programma di calcolo SLOPE/W (Geo-Slope International, Calgary, Alberta, Canada) ed utilizzando sia il *Metodo di Bishop Semplificato* che il *Metodo General Limit Equilibrium* (GLE). I due metodi hanno sempre fornito risultati coincidenti ai fini pratici. Nel caso in esame, il codice di calcolo consente di tenere debito conto di superfici di scorrimento di forma diversa (circolari e irregolari), di eventuali sovraccarichi, e delle forze effettivamente sostenute dagli ancoraggi passivi. Per questi ultimi, in particolare, si assume che il carico sostenuto dagli ancoraggi sia pari a quello di calcolo (F_{yd} = 435 kN) allorquando il tratto di chiodo posto all'esterno della potenziale superficie di scorrimento risulta maggiore o uguale della lunghezza di fondazione fittizia (L_F = 6 m). In caso contrario il carico sostenuto dalle chiodature risulta proporzionalmente ridotto, annullandosi allorquando l'ancoraggio è posto interamente all'interno della superficie di scorrimento. Nelle analisi di stabilità globale è stata cautelativamente trascurata la presenza delle paratie berlinesi.

Le analisi si riferiscono a due condizioni distinte, in fase costruttiva e in fase di esercizio. Le caratteristiche principali dei chiodi previsti per l'imbocco in oggetto possono essere così riassunte:

- barre Φ40 di acciaio B450C;
- lunghezza dei chiodi: 12 - 16 m;
- forza di snervamento *di calcolo* di una barra F_{yd} : 435 kN;
- inclinazione dei chiodi: 0- 35° (l'inclinazione di 35° è necessaria in alcuni tratti della Paratia 1 per evitare interferenza dei chiodi con la Paratia 2 ubicata a tergo);
- interasse verticale (s_v): 2.5 m;
- interasse orizzontale (s_h): 2.0 m.

Le sezioni di calcolo esaminate sono la sezione longitudinale in asse alla galleria, denominata "Asse Lato Noli", e la sezione corrispondente alla sezione di calcolo P1-SezL, prossima alla sezione di calcolo P2-sezE (v. Figure 1 e 2), considerata più gravosa nel tratto di Paratia 2 e denominata "Sez_P1-L_Noli", la cui geometria è schematicamente rappresentata nelle Figure 4 e 5 insieme alla disposizione dei chiodi lungo la verticale. Nella sezione P1-L si è cautelativamente tenuto conto di un sovraccarico di 40 kPa uniformemente distribuito nel tratto orizzontale compreso tra la Paratia 2 e la Paratia 1, al disopra della quota della testa di quest'ultima.

8.1 VERIFICHE IN FASE COSTRUTTIVA

Per ciascuna sezione di calcolo, al fine di individuare le superfici di scorrimento critiche, sono state esaminate un gran numero di superfici di scorrimento, di forma sia circolare che irregolare e di ampiezza diversa. In questa fase è stata considerata la presenza di un sisma avente periodo di ritorno $T_R \cong 60$ anni, caratterizzato dai seguenti coefficienti sismici (v. § 6):

$k_h = 0.04$

$k_v = \pm 0.02$

Si noti che, in questa fase, in corrispondenza del cavo della galleria è prevista l'esecuzione di chiodi passivi in vetroresina. Tali chiodi, debitamente tenuti in conto nel modello di calcolo, sono caratterizzati dalla stessa forza di snervamento *di calcolo* (F_{yd}) delle barre in acciaio adottate nei tratti non interferenti con il cavo.

Per brevità, di seguito sono succintamente riportati i risultati più significativi delle verifiche eseguite in

corrispondenza dell'asse longitudinale e della sezione P1_sezL in fase costruttiva. La Tabella 9 sintetizza i valori adottati per le forze esercitate dai chiodi, per unità di lunghezza del versante; la stessa tabella, e le figure ad essa riferite riportate in appendice al presente documento (Appendici R - S), mostrano le analisi di stabilità più rappresentative ed i relativi risultati, espressi sinteticamente dal valore del Fattore di Sicurezza FS. Dall'analisi critica di tali risultati si evidenzia la sostanziale stabilità globale del versante, testimoniata da valori del Fattore di Sicurezza (FS) ritenuti più che adeguati.

8.2 VERIFICHE IN CONDIZIONI DI ESERCIZIO

Per le stesse sezioni di calcolo sono state condotte verifiche di stabilità globale in condizioni di esercizio. In queste verifiche è stata considerata la presenza di un sisma caratterizzato dai seguenti valori dei coefficienti sismici orizzontale e verticale (v. § 6):

$k_h = 0.114$

$k_v = \pm 0.057$

Per ciò che concerne la sezione longitudinale in asse al cavo della galleria (Asse lato Noli) vengono presentati sia i risultati relativi a superfici di scorrimento che passano al disopra della galleria, sia quelli relativi a superfici profonde che passano al disotto del piede dello scavo. In quest'ultimo caso si è cautelativamente trascurata la presenza del rivestimento definitivo della galleria e del peso della galleria artificiale esterna al concio di attacco.

La Tabella 10 mostra i valori adottati per le forze esercitate dai chiodi e riassume le analisi di stabilità più rappresentative ed i relativi risultati, espressi sinteticamente dal valore del Fattore di Sicurezza FS. Da tale tabella, e dalle figure ad essa relative raccolte in appendice (Appendice R - S), si evince la sostanziale stabilità del versante nella sua configurazione definitiva, evidenziata da valori di FS che garantiscono un adeguato margine di sicurezza.

9 CONCLUSIONI

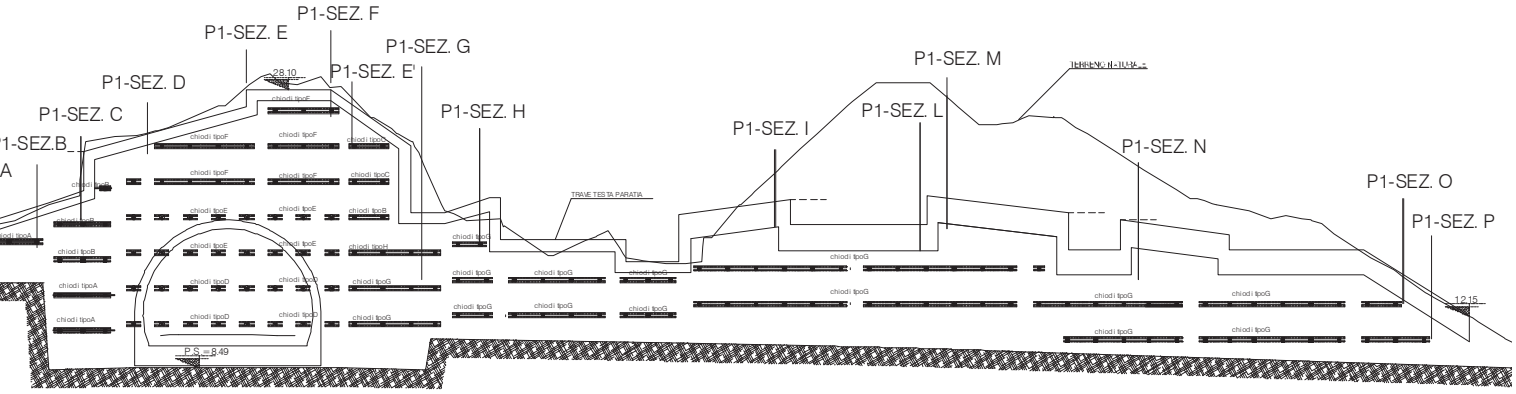
Nella presente relazione sono riportate la metodologia e le principali risultanze della progettazione dell'imbocco Lato Noli, nell'ambito del "Progetto variante di tracciato alla S.S.1 Aurelia – Capo Noli" da realizzare nel Comune di Noli (SV).

Le strutture di sostegno a protezione dell'area di sono di tipo berlinesi costituite da micropali ϕ 220 aventi altezza massima fuori terra pari a 19.5 m e vincolate su più livelli da un sistema di chiodature passive.

Nei precedenti capitoli sono state fornite le principali indicazioni inerenti i risultati delle verifiche strutturali e delle verifiche di stabilità in fase costruttiva e in condizioni di esercizio. L'analisi strutturale ha evidenziato l'esistenza - sia in condizione statica che sismica - di un regime di sollecitazioni conforme a quanto prescritto dalle Normative, mentre le verifiche di stabilità hanno consentito di appurare la sicurezza dell'intervento proposto.

Sebbene le ipotesi assunte per la caratterizzazione geo-meccanica dell'ammasso, per le azioni (sismiche e non) e per i modelli di calcolo siano giudicate cautelative, in sede di progettazione esecutiva occorrerà prevedere una campagna di indagini integrative finalizzata a valutare attentamente la validità e la persistenza delle ipotesi stesse.

FIGURE:

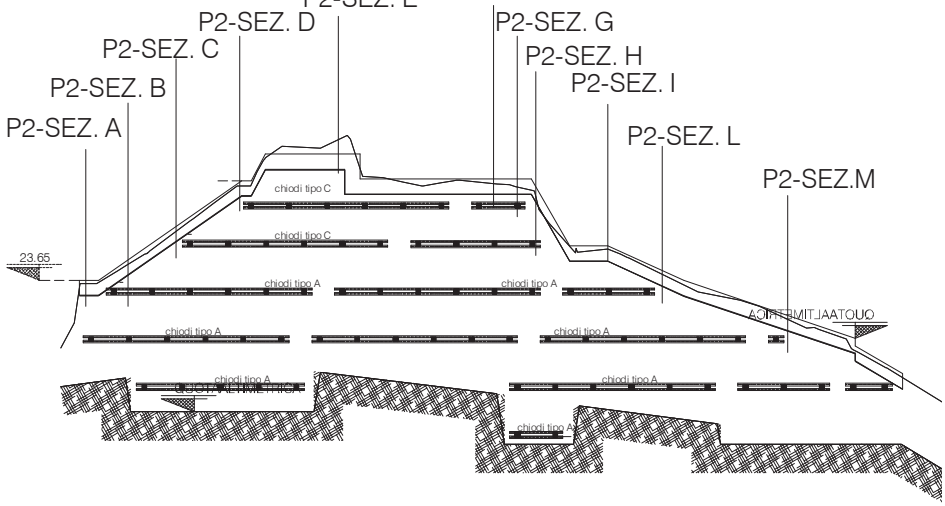


zioni di calcolo Paratia 1

l 14 settembre 2009 tra Regione Liguria e Infrastrutture Liguria S.r.l. per la realizzazione di attività per l'attuazione del programma di studi e progettazioni infrastrutturali strategiche

iato alla S.S.1 Aurelia – Capo Noli - Progetto Definitivo – *Relazione geotecnica e di calcolo imbocco lato Noli*

F\STR\R002



zioni di calcolo Paratia 2

l 14 settembre 2009 tra Regione Liguria e Infrastrutture Liguria S.r.l. per la realizzazione di attività per l'attuazione del programma di studi e progettazioni infrastrutturali strategiche

iato alla S.S.1 Aurelia – Capo Noli - Progetto Definitivo – *Relazione geotecnica e di calcolo imbocco lato Noli*

F\STR\R002

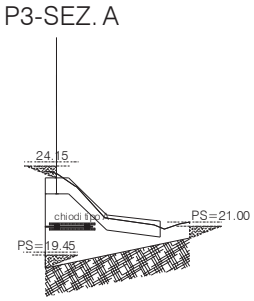


Figura 3 – Sezioni di calcolo della Paratia 3

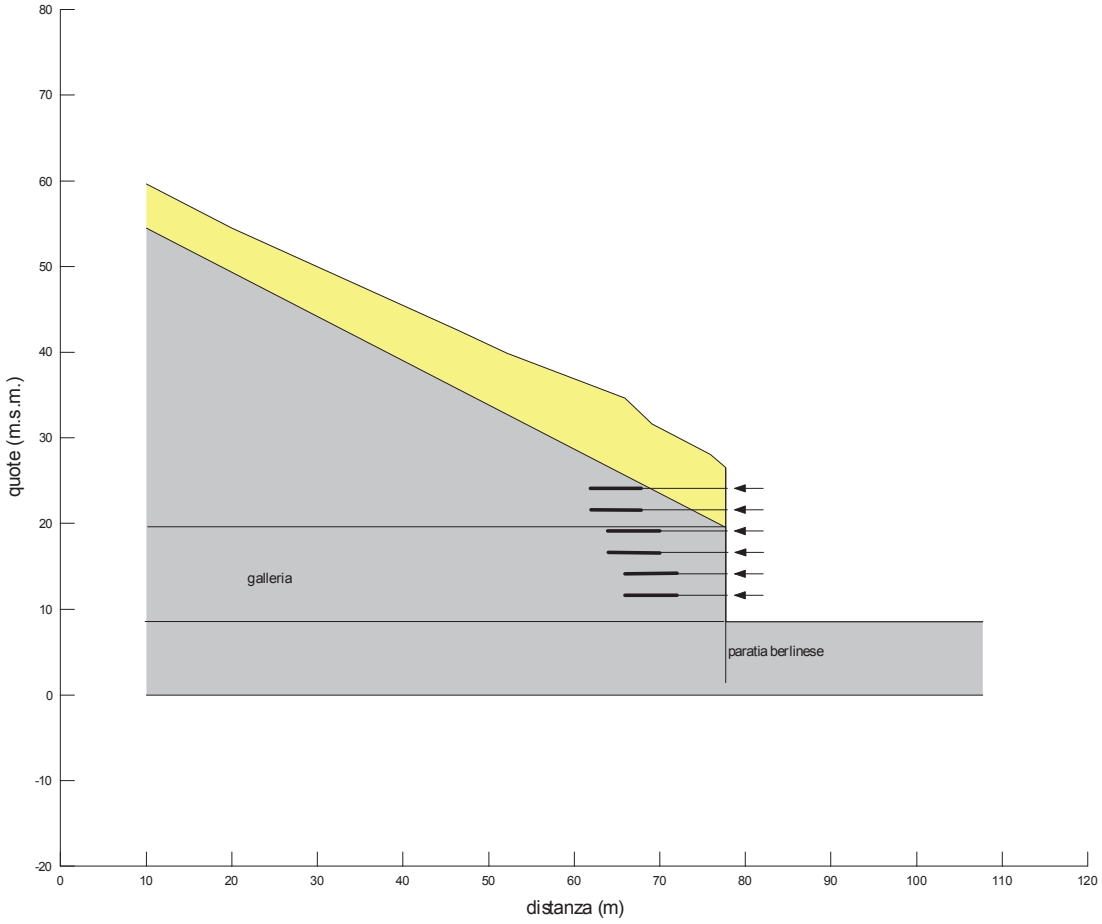


Figura 4. Asse Lato Noli: rappresentazione schematica della geometria e disposizione tipo dei chiodi.

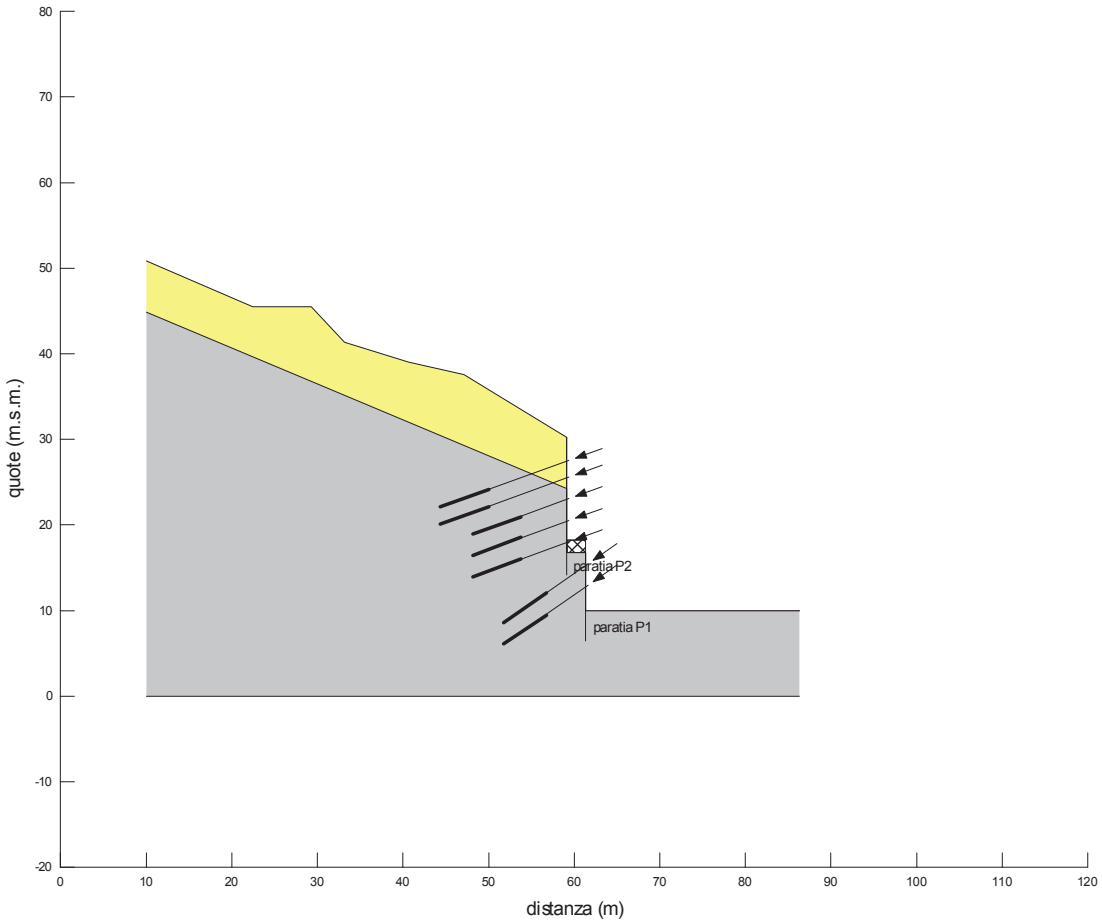


Figura 5. Sezione_P1-L_Noli: rappresentazione schematica della geometria e disposizione tipo dei chiodi.

TABELLE:

Tabella 1 – Caratteristiche geometriche delle sezioni di calcolo – Paratia 1

Sezione di calcolo	$H_{calcolo}$ (m)	H_{palo} (m)	$H_{fuori\ terra}$ (m)	$H_{infissione}$ (m)	ordine chiodi	chiodi Tipo
P1-Sez_A	8.8	8	4.0	4.8	-	-
P1-Sez_B	9.8	9	5.4	4.4	1	A
P1-Sez_M (*)	12.0	12	8.8	3.2	1	G
					2	G
P1-Sez_G	15.8	15	10.9	4.9	1	H
					2	G
					3	G
P1-Sez_C	16.8	16	12.5	4.3	1	B
					2	B
					3	A
					4	A
P1-Sez_D	20.8	20	16.5	4.3	1	F
					2	E
					3	E
					4	D
					5	D
P1-Sez_E'	25.8	25	18.5	7.3	1	C
					2	C
					3	B
					4	H
					5	G
					6	G
P1-Sez_F	26.8	26	19.5	7.3	1	F
					2	F
					3	F
					4	E
					5	E
					6	D
					7	D

Nota (*): in corrispondenza di tale sezione la trave alla testa dei pali ha un'altezza di 1.8 m con funzione di parapetto; per tale motivo non è stata considerata nel calcolo

Tabella.2 – Caratteristiche geometriche delle sezioni di calcolo – Paratia 2

Sezione di calcolo	$H_{calcolo}$ (m)	H_{palo} (m)	$H_{fuori\ terra}$ (m)	$H_{infissione}$ (m)	ordine chiodi	chiodi tipo
P2-Sez_M	9.8	9	6.8	3.0	1	A
P2-Sez_L	10.8	10	7.6	3.2	1	A
					2	A
P2-Sez_C	12.8	12	9.7	3.1	1	A
					2	A
					3	A
P2-Sez_D	15.8	15	12.0	3.8	1	C
					2	A
					3	A
					4	A
P2-Sez_H	17.8	17	13.5	4.3	1	C
					2	A
					3	A
					4	A
					5	A
P2-Sez_G	17.8	17	13.9	3.9	1	C
					2	C
					3	A
					4	A
					5	A
					6	A

Tabella.3 – Caratteristiche geometriche delle sezioni di calcolo – Paratia 3

Sezione di calcolo	$H_{calcolo}$ (m)	H_{palo} (m)	$H_{fuori\ terra}$ (m)	$H_{infissione}$ (m)	ordine chiodi	chiodi tipo
P3-Sez_A	6.8	6	4.7	2.1	1	A

Tabella.4 – Sintesi dei parametri fisico-meccanici dei litotipi adottati nei calcoli (valori caratteristici)

Parametri	Litotipo 1: Br	Litotipo 2: Do
descrizione	brecce	dolomie
spessore (m)	0 ÷ 7 m	> 0 ÷ 7 m
peso di volume, γ (kN/m^3)	24	27
angolo d'attrito, ϕ (°)	40	38
coesione, c' (kPa)	35	80
modulo di Young, E (GPa)	0.5	2
coefficiente di spinta in quiete K_0 (*)	0.5	1

Nota (*): data la natura della roccia affiorante in corrispondenza dell'imbocco, il valore del coefficiente K_0 nelle dolomie è stato cautelativamente assunto peri ad 1.

Tabella.5 – Paratia 1 - Sintesi delle massime sollecitazioni nei micropali e nei chiodi

	Passo	Momento max.		Taglio max.		Sforzo sui chiodi							
	(step)	Z_M	M_{max}	Z_T	T_{max}	$F1_{max}$	$F2_{max}$	$F3_{max}$	$F4_{max}$	$F5_{max}$	$F6_{max}$	$F7_{max}$	F_{RP}
		(m)	(kNm)	(m)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(-)
P1-Sez_A	2 (statico)	-4.1	0.52	-3.9	3.03								0.16
	3 (sisma)	-4.1	0.52	-3.9	3.03								0.16
P1-Sez_B	4 (statico)	-5.6	0.68	-5.3	5.20	1.90							0.20
	5 (sisma)	-5.6	0.68	-5.3	5.20	2.10							0.20
P1-Sez_M	6 (statico)	-9.0	1.35	-8.7	9.37	3.00	1.82						0.32
	7 (sisma)	-9.0	1.35	-8.7	9.37	3.00	3.62						0.32
P1-Sez_G	8 (statico)	-10.0	1.60	-9.7	11.06	2.96	4.34	3.68					0.33
	9 (sisma)	-10.0	1.64	-9.7	10.99	2.96	4.34	6.66					0.33
P1-Sez_C	10 (statico)	-12.7	2.26	-12.4	14.96	2.02	3.58	5.98	7.74				0.40
	11 (sisma)	-12.7	2.43	-12.4	14.52	2.02	3.58	5.98	9.60				0.40
P1-Sez_D	12 (statico)	-16.6	13.12	-16.4	21.50	53.88	37.00	20.88	35.84	72.14			0.36
	13 (sisma) fase costruttiva	-16.6	16.54	-16.4	26.40	65.20	42.94	24.14	53.30	98.28			0.36
P1-Sez_E'	14 (statico)	-18.6	10.60	-18.4	22.19	13.26	43.92	19.80	15.90	79.20	164.80		0.42
	15 (sisma)	-18.6	17.28	-18.4	36.33	33.22	85.58	27.26	53.14	173.52	309.76		0.42
P1-Sez_F	16 (statico)	-19.6	20.56	-19.4	34.46	3.26	34.32	45.24	8.10	37.54	106.68	135.48	0.44
	17 (sisma) fase costruttiva	-19.7	24.24	-19.4	37.00	3.32	43.52	53.36	8.80	48.60	136.04	169.44	0.43

Legenda:
M_{max} = momento massimo nel palo (kNm)
T_{max} = taglio massimo nel palo (kN)
Fi_{max} = massimo sforzo assiale sull'i-esimo livello di chiodi
F_{RP} = mobilitazione della resistenza passiva del tratto infisso

Tabella.6 – Paratia 2 - Sintesi delle massime sollecitazioni nei micropali e nei chiodi

Paratia 2	Passo	Momento max.		Taglio max.		Sforzo sui chiodi						
Sezione	(step)	Z_M	M_{max}	Z_T	T_{max}	$F1_{max}$	$F2_{max}$	$F3_{max}$	$F4_{max}$	$F5_{max}$	$F6_{max}$	F_{RP}
		(m)	(kNm)	(m)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)	(-)
P2-Sez_M	4 (statico)	-7.00	0.90	-6.70	6.81	2.80						0.27
	5 (sisma)	-7.00	0.90	-6.70	6.81	2.80						0.27
P2-Sez_L	6 (statico)	-7.80	1.05	-7.50	7.98	2.98	3.40					0.29
	7 (sisma)	-7.80	1.05	-7.50	7.98	2.98	3.40					0.29
P2-Sez_C	8 (statico)	-9.90	1.48	-9.60	10.74	3.04	3.86	5.10				0.35
	9 (sisma)	-9.90	1.48	-9.60	10.74	3.04	3.86	5.10				0.35
P2-Sez_D	10 (statico)	-12.20	2.00	-11.90	13.85	3.06	1.17	6.00	7.06			0.38
	11 (sisma)	-12.20	2.18	-11.90	13.32	8.44	9.48	6.22	13.16			0.38
P2-Sez_H	11 (statico)	-13.60	4.12	-13.40	13.68	20.20	16.94	6.02	31.20	0.00		0.41
	12 (sisma)	-13.60	7.16	-13.40	14.40	51.22	33.34	14.30	99.82	30.66		0.41
P2-Sez_G	13 (statico)	-14.00	4.69	-13.80	14.10	6.40	21.24	13.96	6.90	39.96	0.00	0.43
	14 (sisma)	-14.00	7.87	-13.80	15.62	12.14	50.66	25.32	22.28	116.28	33.12	0.43

Tabella.7 – Paratia 3 - Sintesi delle massime sollecitazioni nei micropali e nei chiodi

Paratia 2	Passo	Momento max.		Taglio max.		Sforzo sui chiodi	
Sezione	(step)	Z_M	M_{max}	Z_T	T_{max}	$F1_{max}$	F_{RP}
		(m)	(kNm)	(m)	(kN)	(kN)	(-)
P3-Sez_A	4 (statico)	-4.80	0.50	-4.60	4.272	1.84	0.21
	5 (sisma)	-4.80	0.50	-4.60	4.272	1.84	0.21

Tabella.8 - Sintesi dei risultati delle verifiche dei micropali.

Sezione		N_{Ed}	M_{Ed}	T_{Ed}	E_d/R_d
		(kN)	(kN m)	(kN)	
P1-Sez_A	Combin. M_{max}	6.01	0.68	1.26	0.03
	Combin. T_{max}	5.86	0.55	3.93	0.02
P1-Sez_B	Combin. M_{max}	8.21	0.88	0.95	0.03
	Combin. T_{max}	7.91	0.55	6.76	0.02
P1-Sez_M	Combin. M_{max}	13.19	1.75	2.05	0.06
	Combin. T_{max}	12.90	1.19	12.18	0.05
P1-Sez_G	Combin. M_{max}	16.27	2.45	1.93	0.09
	Combin. T_{max}	15.98	1.55	16.05	0.06
P1-Sez_C	Combin. M_{max}	18.61	3.16	2.99	0.11
	Combin. T_{max}	18.32	2.22	19.45	0.08
P1-Sez_D	Combin. M_{max}	24.33	21.50	11.99	0.64
	Combin. T_{max}	24.18	20.36	34.31	0.61
P1-Sez_E'	Combin. M_{max}	27.41	22.47	16.04	0.67
	Combin. T_{max}	27.11	19.44	47.23	0.58
P1-Sez_F	Combin. M_{max}	28.87	31.52	23.48	0.93
	Combin. T_{max}	28.58	28.67	48.09	0.85
P2-Sez_M	Combin. M_{max}	10.26	1.18	1.50	0.04
	Combin. T_{max}	9.97	0.78	8.86	0.03
P2-Sez_L	Combin. M_{max}	11.43	1.36	1.55	0.05
	Combin. T_{max}	11.14	0.86	10.38	0.04
P2-Sez_C	Combin. M_{max}	14.51	1.92	2.06	0.07
	Combin. T_{max}	14.22	1.23	13.97	0.05
P2-Sez_D	Combin. M_{max}	17.88	2.83	2.96	0.10
	Combin. T_{max}	17.59	2.01	18.01	0.08
P2-Sez_H	Combin. M_{max}	19.93	9.30	10.47	0.29
	Combin. T_{max}	19.79	9.26	18.73	0.28
P2-Sez_G	Combin. M_{max}	20.52	10.23	11.19	0.31
	Combin. T_{max}	20.37	10.09	20.31	0.31
P3-Sez_A	Combin. M_{max}	7.04	0.65	2.06	0.02
	Combin. T_{max}	6.89	0.44	5.55	0.02

VERIFICA ARMATURA MICROPALI
METODO DI CALCOLO IN ACCORDO AL D.M. 14-01-2008 §4.2.4.1.2

Titolo: **P1-Sez_F**

Tipo di acciaio: S 355

Profilo: 139,70x8,00 mm

Caratteristiche profilo

ø	[mm]	139,7	Diametro sezione tubolare	
sp	[mm]	8,0	Spessore sezione tubolare	
f_{yk}	[MPa]	355	Tensione di snervamento dell'acciaio	
γ_{M0}	[-]	1,05	Coefficiente parziale di sicurezza	
f_{yd}	[MPa]	338	Resistenza di calcolo dell'acciaio	$= f_{yk}/\gamma_{M0}$
A	[mm^2]	3310	Area sezione	
J	[mm^4]	7 202 889	Momento di inerzia della sezione	
W	[mm^3]	103 119	Modulo di resistenza della sezione	
p	[kg/m]	25,98	Peso unitario	

Sollecitazioni

comb.	N_{Ed} [kN]	M_{Ed} [kNm]	T_{Ed} [kN]
M_{max}	28,87	31,52	23,48
T_{max}	28,58	28,67	48,09

N_{Ed} = Sforzo normale

M_{Ed} = Momento flettente

T_{Ed} = Sforzo di taglio

Fattore di taglio χ = 2,00 [-]

$$\sigma_{id} = \sqrt{\left(\frac{N_{Ed}}{A} + \frac{M_{Ed}}{W}\right)^2 + 3\left(\frac{T_{Ed}}{\chi A}\right)^2} \leq f_{yd} = \frac{f_{yk}}{\gamma_{M0}}$$

Verifiche

comb.	N_{Ed}/A [MPa]	M_{Ed}/W [MPa]	$T_{Ed}/(\chi A)$ [MPa]	σ_{id} **[MPa]**	tasso sfruttamento acciaio	check verifica
M_{max}	8,72	305,67	3,55	**314,45**	✔ **0,930**	**VERIFICATO**
T_{max}	8,63	278,03	7,26	**286,94**	✔ **0,849**	**VERIFICATO**

Tabella 9 – Fase costruttiva: sintesi delle analisi di stabilità

Analisi n.	Nome_file	s.s. n.	k_v	FS	Figure Appendice n.	n. chiodi lungo la verticale	F_{yd} (kN/m)	Note
1	Asse_lato_Noli_kh004	10	0.02	1.388	R.1	6	215	Sezione asse longitudinale
		10	-0.02	1.410	R.2	6	215	
2	Sez_P1_L_Noli_kh004	4	0.02	1.426	S.1	7	215	Sezione_P1_L
		9	-0.02	1.455	S.2	7	215	

Legenda: F_{yd} = sforzo assiale di calcolo in un livello di chiodi

s.s. = superficie di scorrimento

k_v = coefficiente sismico verticale

Tabella 10 – Condizioni di esercizio: sintesi delle analisi di stabilità

Analisi n.	Nome_file	s.s. n.	k_v	FS	Figure Appendice n.	n. chiodi lungo la verticale	F_{yd} (kN/m)	Note
1	Asse_lato_Noli_kh0114_2ch_sds_su	3	0.057	1.997	R.3	2 (*)	215	Asse lato Noli Sez. in asse galleria s.d.s passante sopra galleria
		3	-0.057	2.074	R.4	2	215	
2	Asse_lato_Noli_kh0114_2ch_sds_giu	1	0.057	1.533	R.5	2	215	Asse lato Noli Sez. in asse galleria s.d.s. profonda
		1	-0.057	1.578	R.6	2	215	
3	Sez_P1_L_Noli_kh0114	4	0.057	1.266	S.3	7	215	Sezione_P1_L
		9	-0.057	1.329	S.4	7	215	

Legenda: F_{yd} = sforzo assiale di calcolo in un livello di chiodi

s.s. = superficie di scorrimento

k_v = coefficiente sismico verticale

Nota (*): in condizioni di esercizio per la sezione longitudinale in asse, si è considerata la presenza dei soli chiodi in acciaio posti al disopra del cavo della galleria

Appendice A

P1 - Sezione A – Tabulati di calcolo PARATIE

History 0 - Paratia 1 Sez_A - H = 4.0 m no chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

24 SETTEMBRE 2011 0:06:59

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_A -  H = 4.0 m  no chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -8.8 0
  15: *
  16: soil UHLeft LeftWall -8.8 0 1 0
  17: soil DHLeft LeftWall -8.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: *
  21: beam paratia LeftWall -8.8 0 Acciaio 0.06 00 00
  22: *
  23: * Soil Profile
  24: *
  25:     ldata          1_ 0
  26:         weight     27 27 0
  27:         atrest     1 0 1 1
  28:         resistance 80 38 0.195942 9.11404
  29:         young      2E+006 3E+006
  30:     endlayer
  31: *
  32: step 1 :  geostatica
  33:     setwall LeftWall
  34:         geom 0 0
  35: endstep
  36: *
  37: step 2 :  scavo finale -4.0 m
  38:     setwall LeftWall
```

```
  N.  comando

  39:         geom 0 -4
  40:         surcharge 40 0 0 0
  41: endstep
  42: *
  43: step 3 :  sisma kh=0.114
  44:     change 1_ U-KA=0.261
  45:     setwall LeftWall
  46:         geom 0 -4
  47:         surcharge 40 0 0 0
  48: endstep
  49: *
  50: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_

coeff. spinta attiva ka	= 0.26100	(A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	0.0000	m
quota della falda	=-0.99900E+30		m
sovraccarico a monte	=	0.0000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30		m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-8.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-4.0000	m
quota della falda	=-0.99900E+30		m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-8.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-4.0000	m
quota della falda	=-0.99900E+30		m
sovraccarico a monte	=	40.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-8.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-8.800	UPHILL	0.
DHLeft	LeftWall	0.	-8.800	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-8.800	_	0.6000E-01

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	13	SI
3	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.72343845E-03	-0.17274263E-03
2	0.70616422E-03	-0.17274263E-03
3	0.68888994E-03	-0.17274263E-03
4	0.67161571E-03	-0.17274263E-03
5	0.65434142E-03	-0.17274263E-03
6	0.63706719E-03	-0.17274263E-03
7	0.61979290E-03	-0.17274263E-03
8	0.60251862E-03	-0.17274263E-03
9	0.58524439E-03	-0.17274263E-03
10	0.56797010E-03	-0.17274263E-03
11	0.55069587E-03	-0.17274263E-03
12	0.53342158E-03	-0.17274263E-03
13	0.51614729E-03	-0.17274263E-03
14	0.49887307E-03	-0.17274263E-03
15	0.48159881E-03	-0.17274263E-03
16	0.46432452E-03	-0.17274263E-03
17	0.44705026E-03	-0.17274263E-03
18	0.42977600E-03	-0.17274263E-03
19	0.41250174E-03	-0.17274263E-03
20	0.39522749E-03	-0.17274263E-03
21	0.37795323E-03	-0.17274263E-03
22	0.36067894E-03	-0.17274263E-03
23	0.34340468E-03	-0.17274263E-03
24	0.32613042E-03	-0.17274263E-03
25	0.30885616E-03	-0.17274263E-03
26	0.29158191E-03	-0.17274263E-03
27	0.27430765E-03	-0.17274263E-03
28	0.25703336E-03	-0.17274263E-03
29	0.23975912E-03	-0.17274263E-03
30	0.22248484E-03	-0.17274263E-03
31	0.20521058E-03	-0.17274263E-03
32	0.18793633E-03	-0.17274263E-03
33	0.17066205E-03	-0.17274263E-03
34	0.15338779E-03	-0.17274263E-03
35	0.13611354E-03	-0.17274263E-03
36	0.11883926E-03	-0.17274263E-03
37	0.10156501E-03	-0.17274263E-03
38	0.84290739E-04	-0.17274263E-03
39	0.67028326E-04	-0.17238710E-03
40	0.49948558E-04	-0.16797440E-03
41	0.33890516E-04	-0.14984964E-03
42	0.20419646E-04	-0.11849448E-03
43	0.10271388E-04	-0.84746323E-04

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.33486961E-05	-0.54648688E-04
45	-0.86690147E-06	-0.30807587E-04
46	-0.30356011E-05	-0.13649880E-04
47	-0.37959369E-05	-0.24639567E-05
48	-0.36877652E-05	0.39407887E-05
49	-0.31236762E-05	0.68686227E-05
50	-0.23903676E-05	0.75066482E-05
51	-0.16666405E-05	0.68158574E-05
52	-0.10479420E-05	0.55026921E-05
53	-0.57123225E-06	0.40356222E-05
54	-0.23684960E-06	0.26875891E-05
55	-0.25396579E-07	0.15890910E-05
56	0.90497849E-07	0.77647087E-06
57	0.13882608E-06	0.23170549E-06
58	0.14423144E-06	-0.91285195E-07
59	0.12606563E-06	-0.24937836E-06
60	0.98041916E-07	-0.29688707E-06
61	0.68873298E-07	-0.27884320E-06
62	0.43341064E-07	-0.22876567E-06
63	0.23439817E-07	-0.16909863E-06
64	0.93999297E-08	-0.11307385E-06
65	0.49046606E-09	-0.67086511E-07
66	-0.44120934E-08	-0.32940797E-07
67	-0.64672863E-08	-0.98828705E-08
68	-0.66950583E-08	0.39833354E-08
69	-0.59005449E-08	0.10951765E-07
70	-0.46614588E-08	0.13217590E-07
71	-0.33524223E-08	0.12621564E-07
72	-0.21860058E-08	0.10559734E-07
73	-0.12573713E-08	0.79910247E-08
74	-0.58514849E-09	0.55018869E-08
75	-0.14416873E-09	0.33975043E-08
76	0.11092303E-09	0.17902424E-08
77	0.23031907E-09	0.67616029E-09
78	0.26030880E-09	-0.13310607E-10
79	0.23852445E-09	-0.37675632E-09
80	0.19248388E-09	-0.51441174E-09
81	0.14028158E-09	-0.51288296E-09
82	0.92318792E-10	-0.43900888E-09
83	0.53338424E-10	-0.33937625E-09
84	0.24336226E-10	-0.24296309E-09
85	0.41291749E-11	-0.16504891E-09
86	-0.94707844E-11	-0.11105158E-09
87	-0.18846383E-10	-0.80011497E-10
88	-0.26073820E-10	-0.66993515E-10
89	-0.32584865E-10	-0.64168913E-10

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.72343845E-03	-0.17274263E-03
2	0.70616422E-03	-0.17274263E-03
3	0.68888994E-03	-0.17274263E-03
4	0.67161571E-03	-0.17274263E-03
5	0.65434142E-03	-0.17274263E-03
6	0.63706719E-03	-0.17274263E-03
7	0.61979290E-03	-0.17274263E-03
8	0.60251862E-03	-0.17274263E-03
9	0.58524439E-03	-0.17274263E-03
10	0.56797010E-03	-0.17274263E-03
11	0.55069587E-03	-0.17274263E-03
12	0.53342158E-03	-0.17274263E-03
13	0.51614729E-03	-0.17274263E-03
14	0.49887307E-03	-0.17274263E-03
15	0.48159881E-03	-0.17274263E-03
16	0.46432452E-03	-0.17274263E-03
17	0.44705026E-03	-0.17274263E-03
18	0.42977600E-03	-0.17274263E-03
19	0.41250174E-03	-0.17274263E-03
20	0.39522749E-03	-0.17274263E-03
21	0.37795323E-03	-0.17274263E-03
22	0.36067894E-03	-0.17274263E-03
23	0.34340468E-03	-0.17274263E-03
24	0.32613042E-03	-0.17274263E-03
25	0.30885616E-03	-0.17274263E-03
26	0.29158191E-03	-0.17274263E-03
27	0.27430765E-03	-0.17274263E-03
28	0.25703336E-03	-0.17274263E-03
29	0.23975912E-03	-0.17274263E-03
30	0.22248484E-03	-0.17274263E-03
31	0.20521058E-03	-0.17274263E-03
32	0.18793633E-03	-0.17274263E-03
33	0.17066205E-03	-0.17274263E-03
34	0.15338779E-03	-0.17274263E-03
35	0.13611354E-03	-0.17274263E-03
36	0.11883926E-03	-0.17274263E-03
37	0.10156501E-03	-0.17274263E-03
38	0.84290739E-04	-0.17274263E-03
39	0.67028326E-04	-0.17238710E-03
40	0.49948558E-04	-0.16797440E-03
41	0.33890516E-04	-0.14984964E-03
42	0.20419646E-04	-0.11849448E-03
43	0.10271388E-04	-0.84746323E-04

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.33486961E-05	-0.54648688E-04
45	-0.86690147E-06	-0.30807587E-04
46	-0.30356011E-05	-0.13649880E-04
47	-0.37959369E-05	-0.24639567E-05
48	-0.36877652E-05	0.39407887E-05
49	-0.31236762E-05	0.68686227E-05
50	-0.23903676E-05	0.75066482E-05
51	-0.16666405E-05	0.68158574E-05
52	-0.10479420E-05	0.55026921E-05
53	-0.57123225E-06	0.40356222E-05
54	-0.23684960E-06	0.26875891E-05
55	-0.25396579E-07	0.15890910E-05
56	0.90497849E-07	0.77647087E-06
57	0.13882608E-06	0.23170549E-06
58	0.14423144E-06	-0.91285195E-07
59	0.12606563E-06	-0.24937836E-06
60	0.98041916E-07	-0.29688707E-06
61	0.68873298E-07	-0.27884320E-06
62	0.43341064E-07	-0.22876567E-06
63	0.23439817E-07	-0.16909863E-06
64	0.93999297E-08	-0.11307385E-06
65	0.49046606E-09	-0.67086511E-07
66	-0.44120934E-08	-0.32940797E-07
67	-0.64672863E-08	-0.98828705E-08
68	-0.66950583E-08	0.39833354E-08
69	-0.59005449E-08	0.10951765E-07
70	-0.46614588E-08	0.13217590E-07
71	-0.33524223E-08	0.12621564E-07
72	-0.21860058E-08	0.10559734E-07
73	-0.12573713E-08	0.79910247E-08
74	-0.58514849E-09	0.55018869E-08
75	-0.14416873E-09	0.33975043E-08
76	0.11092303E-09	0.17902424E-08
77	0.23031907E-09	0.67616029E-09
78	0.26030880E-09	-0.13310607E-10
79	0.23852445E-09	-0.37675632E-09
80	0.19248388E-09	-0.51441174E-09
81	0.14028158E-09	-0.51288296E-09
82	0.92318792E-10	-0.43900888E-09
83	0.53338424E-10	-0.33937625E-09
84	0.24336226E-10	-0.24296309E-09
85	0.41291749E-11	-0.16504891E-09
86	-0.94707844E-11	-0.11105158E-09
87	-0.18846383E-10	-0.80011497E-10
88	-0.26073820E-10	-0.66993515E-10
89	-0.32584865E-10	-0.64168913E-10

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.72344E-03	3
2	-0.10000	0.70616E-03	3
3	-0.20000	0.68889E-03	3
4	-0.30000	0.67162E-03	3
5	-0.40000	0.65434E-03	3
6	-0.50000	0.63707E-03	3
7	-0.60000	0.61979E-03	3
8	-0.70000	0.60252E-03	3
9	-0.80000	0.58524E-03	3
10	-0.90000	0.56797E-03	3
11	-1.0000	0.55070E-03	3
12	-1.1000	0.53342E-03	3
13	-1.2000	0.51615E-03	3
14	-1.3000	0.49887E-03	3
15	-1.4000	0.48160E-03	3
16	-1.5000	0.46432E-03	3
17	-1.6000	0.44705E-03	3
18	-1.7000	0.42978E-03	3
19	-1.8000	0.41250E-03	3
20	-1.9000	0.39523E-03	3
21	-2.0000	0.37795E-03	3
22	-2.1000	0.36068E-03	3
23	-2.2000	0.34340E-03	3
24	-2.3000	0.32613E-03	3
25	-2.4000	0.30886E-03	3
26	-2.5000	0.29158E-03	3
27	-2.6000	0.27431E-03	3
28	-2.7000	0.25703E-03	3
29	-2.8000	0.23976E-03	3
30	-2.9000	0.22248E-03	3
31	-3.0000	0.20521E-03	3
32	-3.1000	0.18794E-03	3
33	-3.2000	0.17066E-03	3
34	-3.3000	0.15339E-03	3
35	-3.4000	0.13611E-03	3
36	-3.5000	0.11884E-03	3
37	-3.6000	0.10157E-03	3
38	-3.7000	0.84291E-04	3

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.67028E-04	3
40	-3.9000	0.49949E-04	3
41	-4.0000	0.33891E-04	3
42	-4.1000	0.20420E-04	3
43	-4.2000	0.10271E-04	3
44	-4.3000	0.33487E-05	3
45	-4.4000	-0.86690E-06	3
46	-4.5000	-0.30356E-05	3
47	-4.6000	-0.37959E-05	3
48	-4.7000	-0.36878E-05	3
49	-4.8000	-0.31237E-05	3
50	-4.9000	-0.23904E-05	3
51	-5.0000	-0.16666E-05	3
52	-5.1000	-0.10479E-05	3
53	-5.2000	-0.57123E-06	3
54	-5.3000	-0.23685E-06	3
55	-5.4000	-0.25397E-07	3
56	-5.5000	0.90498E-07	3
57	-5.6000	0.13883E-06	3
58	-5.7000	0.14423E-06	3
59	-5.8000	0.12607E-06	3
60	-5.9000	0.98042E-07	3
61	-6.0000	0.68873E-07	3
62	-6.1000	0.43341E-07	3
63	-6.2000	0.23440E-07	3
64	-6.3000	0.93999E-08	3
65	-6.4000	0.49047E-09	3
66	-6.5000	-0.44121E-08	3
67	-6.6000	-0.64673E-08	3
68	-6.7000	-0.66951E-08	3
69	-6.8000	-0.59005E-08	3
70	-6.9000	-0.46615E-08	3
71	-7.0000	-0.33524E-08	3
72	-7.1000	-0.21860E-08	3
73	-7.2000	-0.12574E-08	3
74	-7.3000	-0.58515E-09	3
75	-7.4000	-0.14417E-09	3
76	-7.5000	0.11092E-09	3
77	-7.6000	0.23032E-09	3
78	-7.7000	0.26031E-09	3
79	-7.8000	0.23852E-09	3
80	-7.9000	0.19248E-09	3
81	-8.0000	0.14028E-09	3
82	-8.1000	0.92319E-10	3
83	-8.2000	0.53338E-10	3
84	-8.3000	0.24336E-10	3

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE	PARETE LeftWall
85	-8.4000	0.41292E-11	3	
86	-8.5000	-0.94708E-11	3	
87	-8.6000	-0.18846E-10	3	
88	-8.7000	-0.26074E-10	3	
89	-8.8000	-0.32585E-10	3	

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 3
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.9237E-13	0.2132E-13	0.2558E-11
	B	-0.1000	0.4974E-12	0.1847E-12	0.2558E-11
2	A	-0.1000	0.2025E-12	0.3340E-12	0.5571E-11
	B	-0.2000	0.2771E-12	0.1421E-13	0.5571E-11
3	A	-0.2000	0.5507E-13	0.1901E-12	0.2615E-11
	B	-0.3000	0.5720E-12	0.7461E-13	0.2615E-11
4	A	-0.3000	0.7372E-12	0.	0.1592E-11
	B	-0.4000	0.3446E-12	0.2842E-13	0.1592E-11
5	A	-0.4000	0.6146E-12	0.9059E-13	0.3752E-11
	B	-0.5000	0.1044E-11	0.4619E-13	0.3752E-11
6	A	-0.5000	0.6022E-12	0.1048E-12	0.4661E-11
	B	-0.6000	0.3872E-12	0.2451E-12	0.4661E-11
7	A	-0.6000	0.2327E-12	0.2416E-12	0.1933E-11
	B	-0.7000	0.	0.8811E-12	0.1933E-11
8	A	-0.7000	0.1474E-12	0.4512E-12	0.1364E-11
	B	-0.8000	0.	0.6892E-12	0.1364E-11
9	A	-0.8000	0.4974E-13	0.8882E-12	0.8413E-11
	B	-0.9000	0.	0.7816E-12	0.8413E-11
10	A	-0.9000	0.	0.1101E-11	0.6821E-11
	B	-1.000	0.9592E-13	0.7532E-12	0.6821E-11
11	A	-1.000	0.	0.9077E-12	0.3070E-11
	B	-1.100	0.	0.6857E-12	0.3070E-11
12	A	-1.100	0.	0.6128E-12	0.5230E-11
	B	-1.200	0.	0.6466E-12	0.5230E-11
13	A	-1.200	0.	0.5080E-12	0.1933E-11
	B	-1.300	0.	0.3482E-12	0.1933E-11
14	A	-1.300	0.	0.4015E-12	0.6082E-11
	B	-1.400	0.	0.4015E-12	0.6082E-11
15	A	-1.400	0.	0.3464E-12	0.1080E-11
	B	-1.500	0.	0.4441E-12	0.1080E-11
16	A	-1.500	0.	0.2771E-12	0.1819E-11
	B	-1.600	0.	0.1492E-12	0.1819E-11
17	A	-1.600	0.7461E-13	0.1652E-12	0.1648E-11
	B	-1.700	0.3055E-12	0.2380E-12	0.1648E-11

History 0 - Paratia 1 Sez_A - H = 4.0 m no chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.3268E-12	0.1315E-12	0.3297E-11
	B	-1.800	0.2558E-12	0.7816E-13	0.3297E-11
19	A	-1.800	0.7994E-13	0.2061E-12	0.4093E-11
	B	-1.900	0.7105E-13	0.	0.4093E-11
20	A	-1.900	0.7816E-13	0.9770E-13	0.6082E-11
	B	-2.000	0.1954E-12	0.2700E-12	0.6082E-11
21	A	-2.000	0.7461E-13	0.2913E-12	0.7390E-12
	B	-2.100	0.1421E-13	0.3553E-13	0.7390E-12
22	A	-2.100	0.	0.9592E-13	0.8527E-12
	B	-2.200	0.2842E-13	0.1492E-12	0.8527E-12
23	A	-2.200	0.	0.1457E-12	0.2160E-11
	B	-2.300	0.	0.1883E-12	0.2160E-11
24	A	-2.300	0.	0.3197E-12	0.1421E-11
	B	-2.400	0.3553E-13	0.1563E-12	0.1421E-11
25	A	-2.400	0.	0.2700E-12	0.4547E-12
	B	-2.500	0.5684E-13	0.1421E-12	0.4547E-12
26	A	-2.500	0.	0.6573E-13	0.6821E-12
	B	-2.600	0.	0.2096E-12	0.6821E-12
27	A	-2.600	0.	0.1403E-12	0.9663E-12
	B	-2.700	0.	0.6040E-13	0.9663E-12
28	A	-2.700	0.	0.1315E-12	0.1251E-11
	B	-2.800	0.	0.1918E-12	0.1251E-11
29	A	-2.800	0.	0.1066E-12	0.1137E-11
	B	-2.900	0.2487E-13	0.7105E-13	0.1137E-11
30	A	-2.900	0.3020E-13	0.	0.6821E-12
	B	-3.000	0.	0.1741E-12	0.6821E-12
31	A	-3.000	0.	0.1421E-12	0.5116E-12
	B	-3.100	0.	0.1137E-12	0.5116E-12
32	A	-3.100	0.	0.4263E-13	0.5684E-12
	B	-3.200	0.	0.1563E-12	0.5684E-12
33	A	-3.200	0.	0.9770E-13	0.9663E-12
	B	-3.300	0.	0.8882E-13	0.9663E-12
34	A	-3.300	0.	0.8882E-13	0.1137E-11
	B	-3.400	0.	0.2274E-12	0.1137E-11
35	A	-3.400	0.	0.2665E-12	0.8527E-12
	B	-3.500	0.	0.1279E-12	0.8527E-12
36	A	-3.500	0.	0.1439E-12	0.1023E-11
	B	-3.600	0.	0.8171E-13	0.1023E-11
37	A	-3.600	0.	0.9770E-13	0.6253E-12
	B	-3.700	0.	0.6395E-13	0.6253E-12
38	A	-3.700	0.	0.9948E-13	0.2688
	B	-3.800	0.2688E-01	0.	0.2688
39	A	-3.800	0.2688E-01	0.	2.798
	B	-3.900	0.3067	0.	2.798
40	A	-3.900	0.3067	0.	7.568
	B	-4.000	1.064	0.	7.568

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	1.064	0.	2.434
	B	-4.100	1.307	0.	2.434
42	A	-4.100	1.307	0.	0.6252
	B	-4.200	1.244	0.	0.6252
43	A	-4.200	1.244	0.	2.135
	B	-4.300	1.031	0.	2.135
44	A	-4.300	1.031	0.	2.595
	B	-4.400	0.7714	0.	2.595
45	A	-4.400	0.7714	0.	2.457
	B	-4.500	0.5257	0.	2.457
46	A	-4.500	0.5257	0.	2.057
	B	-4.600	0.3200	0.	2.057
47	A	-4.600	0.3200	0.	1.557
	B	-4.700	0.1642	0.	1.557
48	A	-4.700	0.1642	0.	1.071
	B	-4.800	0.5711E-01	0.	1.071
49	A	-4.800	0.5711E-01	0.	0.6598
	B	-4.900	0.	0.8871E-02	0.6598
50	A	-4.900	0.	0.8871E-02	0.3448
	B	-5.000	0.	0.4335E-01	0.3448
51	A	-5.000	0.	0.4335E-01	0.1257
	B	-5.100	0.	0.5592E-01	0.1257
52	A	-5.100	0.	0.5592E-01	0.9344E-02
	B	-5.200	0.	0.5499E-01	0.9344E-02
53	A	-5.200	0.	0.5499E-01	0.8065E-01
	B	-5.300	0.	0.4692E-01	0.8065E-01
54	A	-5.300	0.	0.4692E-01	0.1080
	B	-5.400	0.	0.3612E-01	0.1080
55	A	-5.400	0.	0.3612E-01	0.1081
	B	-5.500	0.	0.2531E-01	0.1081
56	A	-5.500	0.	0.2531E-01	0.9438E-01
	B	-5.600	0.	0.1587E-01	0.9438E-01
57	A	-5.600	0.	0.1587E-01	0.7329E-01
	B	-5.700	0.	0.8545E-02	0.7329E-01
58	A	-5.700	0.	0.8545E-02	0.5138E-01
	B	-5.800	0.	0.3407E-02	0.5138E-01
59	A	-5.800	0.	0.3407E-02	0.3223E-01
	B	-5.900	0.	0.1845E-03	0.3223E-01
60	A	-5.900	0.	0.1845E-03	0.1733E-01
	B	-6.000	0.1549E-02	0.	0.1733E-01
61	A	-6.000	0.1549E-02	0.	0.6885E-02
	B	-6.100	0.2237E-02	0.	0.6885E-02
62	A	-6.100	0.2237E-02	0.	0.3643E-03
	B	-6.200	0.2274E-02	0.	0.3643E-03
63	A	-6.200	0.2274E-02	0.	0.3118E-02
	B	-6.300	0.1962E-02	0.	0.3118E-02

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.1962E-02	0.	0.4470E-02
	B	-6.400	0.1515E-02	0.	0.4470E-02
65	A	-6.400	0.1515E-02	0.	0.4482E-02
	B	-6.500	0.1067E-02	0.	0.4482E-02
66	A	-6.500	0.1067E-02	0.	0.3901E-02
	B	-6.600	0.6766E-03	0.	0.3901E-02
67	A	-6.600	0.6766E-03	0.	0.3048E-02
	B	-6.700	0.3717E-03	0.	0.3048E-02
68	A	-6.700	0.3717E-03	0.	0.2166E-02
	B	-6.800	0.1551E-03	0.	0.2166E-02
69	A	-6.800	0.1551E-03	0.	0.1389E-02
	B	-6.900	0.1620E-04	0.	0.1389E-02
70	A	-6.900	0.1620E-04	0.	0.7747E-03
	B	-7.000	0.	0.6126E-04	0.7747E-03
71	A	-7.000	0.	0.6126E-04	0.3335E-03
	B	-7.100	0.	0.9461E-04	0.3335E-03
72	A	-7.100	0.	0.9461E-04	0.4974E-04
	B	-7.200	0.	0.9958E-04	0.4974E-04
73	A	-7.200	0.	0.9958E-04	0.1099E-03
	B	-7.300	0.	0.8859E-04	0.1099E-03
74	A	-7.300	0.	0.8859E-04	0.1810E-03
	B	-7.400	0.	0.7050E-04	0.1810E-03
75	A	-7.400	0.	0.7050E-04	0.1948E-03
	B	-7.500	0.	0.5101E-04	0.1948E-03
76	A	-7.500	0.	0.5101E-04	0.1780E-03
	B	-7.600	0.	0.3321E-04	0.1780E-03
77	A	-7.600	0.	0.3321E-04	0.1430E-03
	B	-7.700	0.	0.1891E-04	0.1430E-03
78	A	-7.700	0.	0.1891E-04	0.1035E-03
	B	-7.800	0.	0.8565E-05	0.1035E-03
79	A	-7.800	0.	0.8565E-05	0.6723E-04
	B	-7.900	0.	0.1842E-05	0.6723E-04
80	A	-7.900	0.	0.1842E-05	0.3799E-04
	B	-8.000	0.1957E-05	0.	0.3799E-04
81	A	-8.000	0.1957E-05	0.	0.1670E-04
	B	-8.100	0.3628E-05	0.	0.1670E-04
82	A	-8.100	0.3628E-05	0.	0.2772E-05
	B	-8.200	0.3905E-05	0.	0.2772E-05
83	A	-8.200	0.3905E-05	0.	0.5206E-05
	B	-8.300	0.3384E-05	0.	0.5206E-05
84	A	-8.300	0.3384E-05	0.	0.8779E-05
	B	-8.400	0.2506E-05	0.	0.8779E-05
85	A	-8.400	0.2506E-05	0.	0.9302E-05
	B	-8.500	0.1576E-05	0.	0.9302E-05
86	A	-8.500	0.1576E-05	0.	0.8054E-05
	B	-8.600	0.7706E-06	0.	0.8054E-05

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.7706E-06	0.	0.5571E-05
	B	-8.700	0.2135E-06	0.	0.5571E-05
88	A	-8.700	0.2135E-06	0.	0.2135E-05
	B	-8.800	0.	0.1525E-19	0.2135E-05

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 3
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	20.00	0.	0.
2	-0.1000	2.700	21.35	0.	0.
3	-0.2000	5.400	22.70	0.	0.
4	-0.3000	8.100	24.05	0.	0.
5	-0.4000	10.80	25.40	0.	0.
6	-0.5000	13.50	26.75	0.	0.
7	-0.6000	16.20	28.10	0.	0.
8	-0.7000	18.90	29.45	0.	0.
9	-0.8000	21.60	30.80	0.	0.
10	-0.9000	24.30	32.15	0.	0.
11	-1.000	27.00	33.50	0.	0.
12	-1.100	29.70	34.85	0.	0.
13	-1.200	32.40	36.20	0.	0.
14	-1.300	35.10	37.55	0.	0.
15	-1.400	37.80	38.90	0.	0.
16	-1.500	40.50	40.25	0.	0.
17	-1.600	43.20	41.60	0.	0.
18	-1.700	45.90	42.95	0.	0.
19	-1.800	48.60	44.30	0.	0.
20	-1.900	51.30	45.65	0.	0.
21	-2.000	54.00	47.00	0.	0.
22	-2.100	56.70	48.35	0.	0.
23	-2.200	59.40	49.70	0.	0.
24	-2.300	62.10	51.05	0.	0.
25	-2.400	64.80	52.40	0.	0.
26	-2.500	67.50	53.75	0.	0.
27	-2.600	70.20	55.10	0.	0.
28	-2.700	72.90	56.45	0.	0.
29	-2.800	75.60	57.80	0.	0.
30	-2.900	78.30	59.15	0.	0.
31	-3.000	81.00	60.50	0.	0.
32	-3.100	83.70	61.85	0.	0.
33	-3.200	86.40	63.20	0.	0.
34	-3.300	89.10	64.55	0.	0.
35	-3.400	91.80	65.90	0.	0.

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	67.25	0.	0.
37	-3.600	97.20	68.60	0.	0.
38	-3.700	99.90	68.61	0.	0.
39	-3.800	102.6	58.65	0.	0.
40	-3.900	105.3	48.80	0.	0.
41	-4.000	108.0	39.54	0.	0.
42	-4.100	110.7	31.77	0.	0.
43	-4.200	113.4	25.92	0.	0.
44	-4.300	116.1	21.93	0.	0.
45	-4.400	119.5	19.67	0.	0.
46	-4.500	123.8	18.83	0.	0.
47	-4.600	127.1	18.54	0.	0.
48	-4.700	129.7	18.58	0.	0.
49	-4.800	132.0	18.80	0.	0.
50	-4.900	134.1	19.08	0.	0.
51	-5.000	136.3	19.36	0.	0.
52	-5.100	138.5	19.61	0.	0.
53	-5.200	140.8	19.80	0.	0.
54	-5.300	143.2	19.93	0.	0.
55	-5.400	145.8	20.01	0.	0.
56	-5.500	148.5	20.05	0.	0.
57	-5.600	151.2	20.08	0.	0.
58	-5.700	153.9	20.08	0.	0.
59	-5.800	156.6	20.07	0.	0.
60	-5.900	159.3	20.06	0.	0.
61	-6.000	162.0	20.04	0.	0.
62	-6.100	164.7	20.02	0.	0.
63	-6.200	167.4	20.01	0.	0.
64	-6.300	170.1	20.01	0.	0.
65	-6.400	172.8	20.00	0.	0.
66	-6.500	175.5	20.00	0.	0.
67	-6.600	178.2	20.00	0.	0.
68	-6.700	180.9	20.00	0.	0.
69	-6.800	183.6	20.00	0.	0.
70	-6.900	186.3	20.00	0.	0.
71	-7.000	189.0	20.00	0.	0.
72	-7.100	191.7	20.00	0.	0.
73	-7.200	194.4	20.00	0.	0.
74	-7.300	197.1	20.00	0.	0.
75	-7.400	199.8	20.00	0.	0.
76	-7.500	202.5	20.00	0.	0.
77	-7.600	205.2	20.00	0.	0.
78	-7.700	207.9	20.00	0.	0.
79	-7.800	210.6	20.00	0.	0.
80	-7.900	213.3	20.00	0.	0.
81	-8.000	216.0	20.00	0.	0.

History 0 - Paratia 1 Sez_A - H = 4.0 m no chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	20.00	0.	0.
83	-8.200	221.4	20.00	0.	0.
84	-8.300	224.1	20.00	0.	0.
85	-8.400	226.8	20.00	0.	0.
86	-8.500	229.5	20.00	0.	0.
87	-8.600	232.2	20.00	0.	0.
88	-8.700	234.9	20.00	0.	0.
89	-8.800	237.6	20.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 3
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	81.00	0.	0.	0.
32	-3.100	83.70	0.	0.	0.
33	-3.200	86.40	0.	0.	0.
34	-3.300	89.10	0.	0.	0.
35	-3.400	91.80	0.	0.	0.

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	0.	0.	0.
37	-3.600	97.20	0.	0.	0.
38	-3.700	99.90	0.	0.	0.
39	-3.800	102.6	0.	0.	0.
40	-3.900	105.3	0.	0.	0.
41	-4.000	120.3	60.13	0.	0.
42	-4.100	117.7	57.52	0.	0.
43	-4.200	116.6	55.62	0.	0.
44	-4.300	116.8	54.37	0.	0.
45	-4.400	118.8	53.64	0.	0.
46	-4.500	121.5	53.17	0.	0.
47	-4.600	124.2	52.96	0.	0.
48	-4.700	126.9	52.99	0.	0.
49	-4.800	129.6	53.14	0.	0.
50	-4.900	132.3	53.34	0.	0.
51	-5.000	135.0	53.54	0.	0.
52	-5.100	137.7	53.71	0.	0.
53	-5.200	140.4	53.84	0.	0.
54	-5.300	143.1	53.94	0.	0.
55	-5.400	145.8	53.99	0.	0.
56	-5.500	148.5	54.02	0.	0.
57	-5.600	151.3	54.03	0.	0.
58	-5.700	154.0	54.03	0.	0.
59	-5.800	156.6	54.02	0.	0.
60	-5.900	159.3	54.02	0.	0.
61	-6.000	162.0	54.01	0.	0.
62	-6.100	164.7	54.01	0.	0.
63	-6.200	167.4	54.00	0.	0.
64	-6.300	170.1	54.00	0.	0.
65	-6.400	172.8	54.00	0.	0.
66	-6.500	175.5	54.00	0.	0.
67	-6.600	178.2	54.00	0.	0.
68	-6.700	180.9	54.00	0.	0.
69	-6.800	183.6	54.00	0.	0.
70	-6.900	186.3	54.00	0.	0.
71	-7.000	189.0	54.00	0.	0.
72	-7.100	191.7	54.00	0.	0.
73	-7.200	194.4	54.00	0.	0.
74	-7.300	197.1	54.00	0.	0.
75	-7.400	199.8	54.00	0.	0.
76	-7.500	202.5	54.00	0.	0.
77	-7.600	205.2	54.00	0.	0.
78	-7.700	207.9	54.00	0.	0.
79	-7.800	210.6	54.00	0.	0.
80	-7.900	213.3	54.00	0.	0.
81	-8.000	216.0	54.00	0.	0.

History 0 - Paratia 1 Sez_A - H = 4.0 m no chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	54.00	0.	0.
83	-8.200	221.4	54.00	0.	0.
84	-8.300	224.1	54.00	0.	0.
85	-8.400	226.8	54.00	0.	0.
86	-8.500	229.5	54.00	0.	0.
87	-8.600	232.2	54.00	0.	0.
88	-8.700	234.9	54.00	0.	0.
89	-8.800	237.6	54.00	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

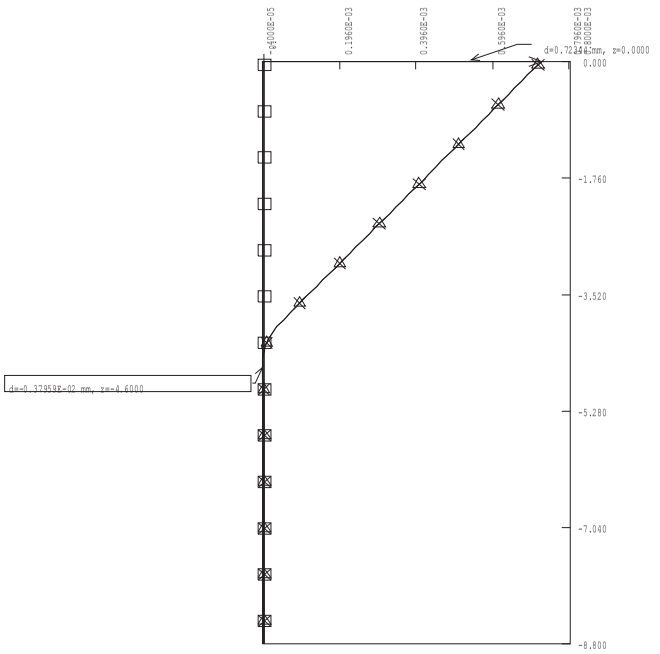
SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1045.4	1045.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1045.4	1045.4
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	13779.	13779.
RAPPORTO PASSIVA/VERA	13.180	13.180
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	836.05	836.05
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	836.05	836.05
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	16987.	5177.5
RAPPORTO PASSIVA/VERA	20.318	6.1928
SPINTA PASSIVA MOBILITATA	5.%	16.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	836.05	836.05
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	836.05	836.05
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	16987.	5177.5
RAPPORTO PASSIVA/VERA	20.318	6.1928
SPINTA PASSIVA MOBILITATA	5.%	16.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

OUTPUT PLOTS:

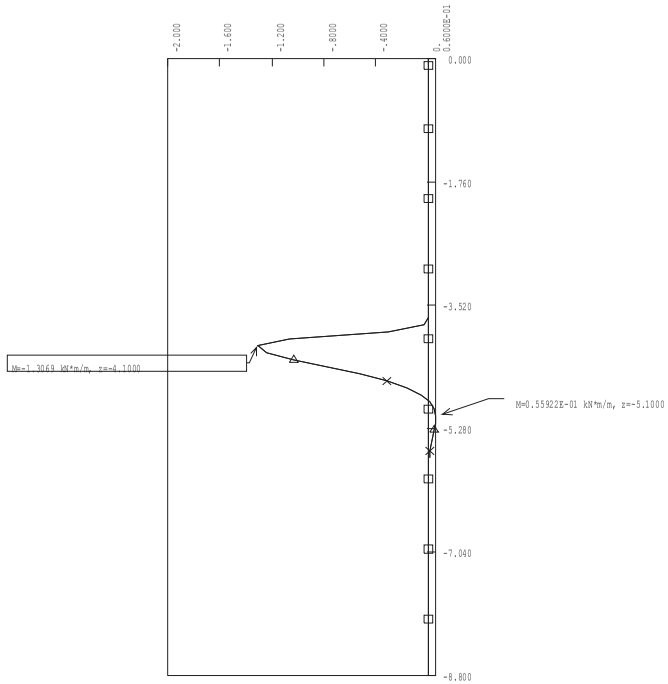


step 3
step 2
step 1

FATTORE SCALA: 0.72 - FATTORE AMPLIF.: 5452.87
DEFORMATA PASSI 1 / 3 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

24 SETTEMBRE 2011 0:06:59

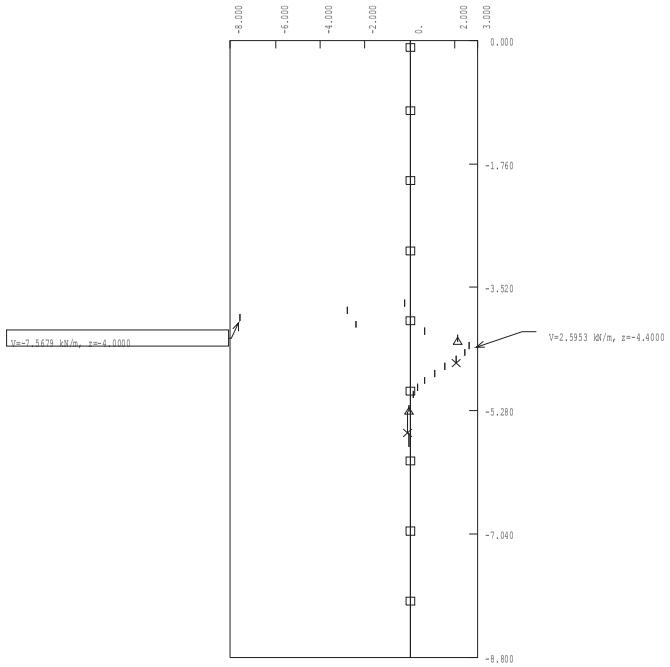


Step 3
Step 2
Step 1

MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 3 SCALA GEOM.: 0.68

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

24 SETTEMBRE 2011 0:06:59

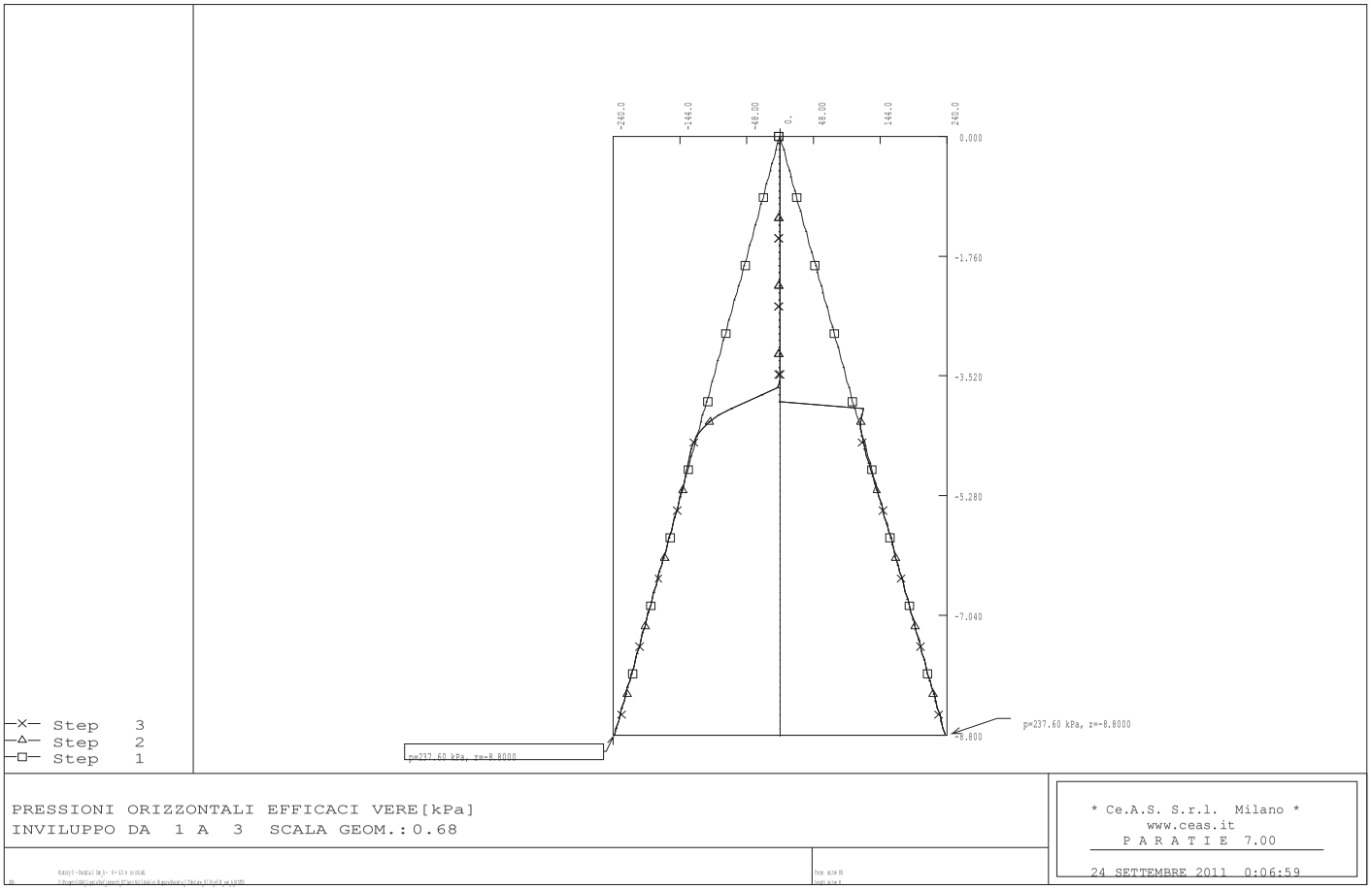


Step 3
Step 2
Step 1

TAGLI [kN/m]
INVILUPPO DA 1 A 3 SCALA GEOM.: 0.68

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P A R A T I E 7.00

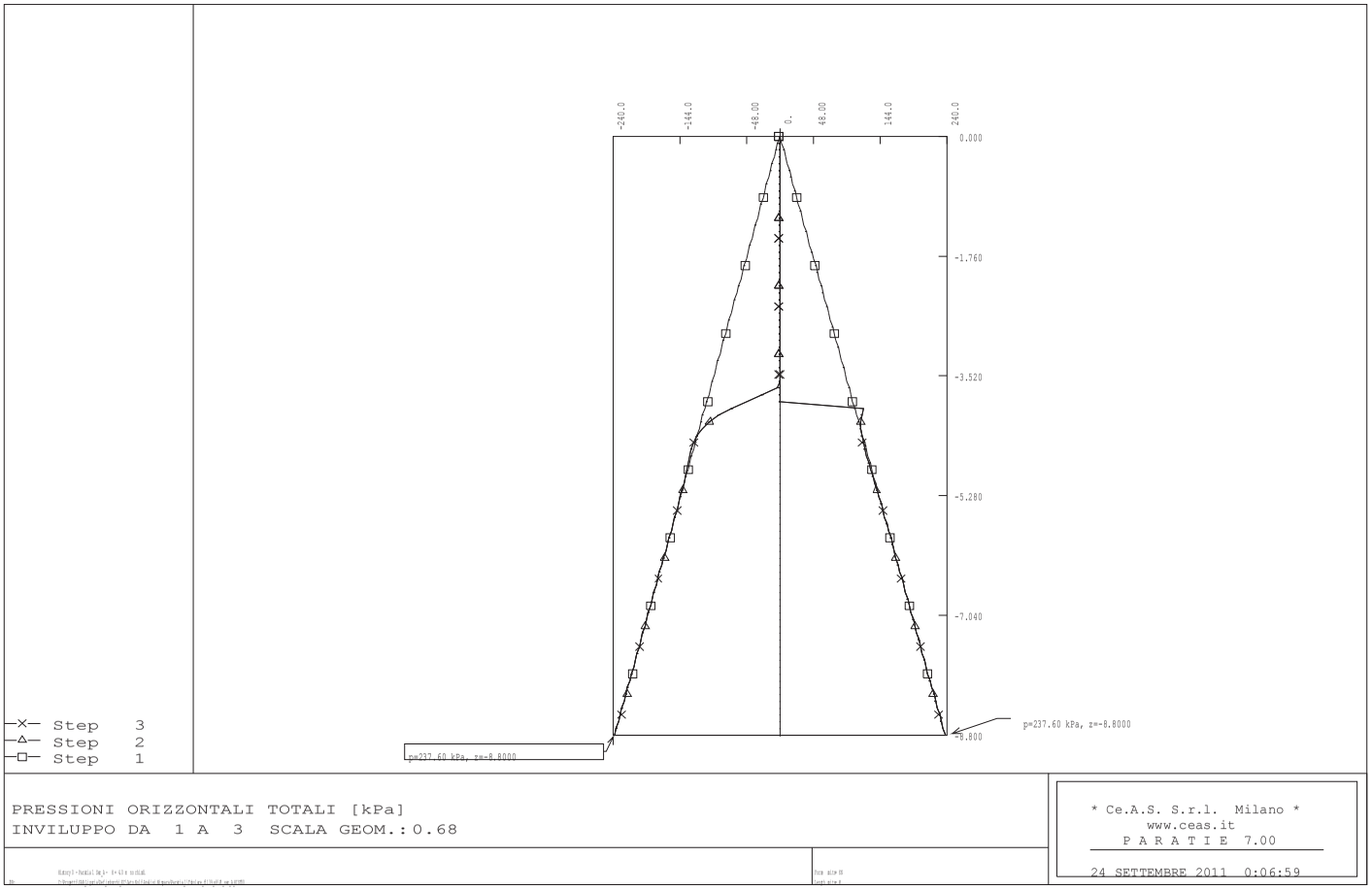
24 SETTEMBRE 2011 0:06:59



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 3 SCALA GEOM.: 0.68

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

24 SETTEMBRE 2011 0:06:59



PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 3 SCALA GEOM.: 0.68

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

24 SETTEMBRE 2011 0:06:59

Appendice B

P1 - Sezione B – Tabulati di calcolo PARATIE

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 2:51:15

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_B -  H = 5.4 m  1 chiodo
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -9.8 0
  15: *
  16: soil UHLeft LeftWall -9.8 0 1 0
  17: soil DHLeft LeftWall -9.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -9.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -2.5 Acciaio_chiodi 0.000105 0 20
  25: *
  26: * Soil Profile
  27: *
  28:     ldata          1_ 0
  29:         weight     27 27 0
  30:         atrest     1 0 1 1
  31:         resistance 80 38 0.195942 9.11404
  32:         young      2E+006 3E+006
  33:     endlayer
  34: *
  35: step 1 :  geostatica
  36:     setwall LeftWall
  37:         geom 0 0
  38: endstep
```

```
  N.  comando

  39: *
  40: step 2 :  scavo a  quota -3.0 m+sovraccarico 50 kPa
  41:     setwall LeftWall
  42:         geom 0 -3
  43:         surcharge 50 0 0 0
  44: endstep
  45: *
  46: step 3 :  inserimento primo chiodo
  47:     setwall LeftWall
  48:         geom 0 -3
  49:         surcharge 50 0 0 0
  50:         add chiodo_1
  51: endstep
  52: *
  53: step 4 :  scavo finale -5.4 m
  54:     setwall LeftWall
  55:         geom 0 -5.4
  56:         surcharge 50 0 0 0
  57: endstep
  58: *
  59: step 5 :  sisma kh=0.114
  60:     change 1_ U-KA=0.261
  61:     setwall LeftWall
  62:         geom 0 -5.4
  63:         surcharge 50 0 0 0
  64: endstep
  65: *
  66: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -9.8000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 50.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -9.8000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 50.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-9.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-5.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	50.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-9.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-5.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	50.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-9.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-9.800	UPHILL	0.
DHLeft	LeftWall	0.	-9.800	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-9.800	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-2.500	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	10	SI
3	2	SI
4	7	SI
5	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32406804E-03	-0.10211103E-03
2	0.31385693E-03	-0.10211103E-03
3	0.30364582E-03	-0.10211103E-03
4	0.29343474E-03	-0.10211103E-03
5	0.28322364E-03	-0.10211103E-03
6	0.27301253E-03	-0.10211103E-03
7	0.26280142E-03	-0.10211103E-03
8	0.25259031E-03	-0.10211103E-03
9	0.24237922E-03	-0.10211103E-03
10	0.23216811E-03	-0.10211103E-03
11	0.22195702E-03	-0.10211103E-03
12	0.21174591E-03	-0.10211103E-03
13	0.20153480E-03	-0.10211103E-03
14	0.19132371E-03	-0.10211103E-03
15	0.18111260E-03	-0.10211103E-03
16	0.17090149E-03	-0.10211103E-03
17	0.16069040E-03	-0.10211103E-03
18	0.15047929E-03	-0.10211103E-03
19	0.14026818E-03	-0.10211103E-03
20	0.13005709E-03	-0.10211103E-03
21	0.11984598E-03	-0.10211103E-03
22	0.10963488E-03	-0.10211103E-03
23	0.99423771E-04	-0.10211103E-03
24	0.89212670E-04	-0.10211103E-03
25	0.79001569E-04	-0.10211103E-03
26	0.68790469E-04	-0.10211103E-03
27	0.58579364E-04	-0.10211103E-03
28	0.48368260E-04	-0.10211103E-03
29	0.38157155E-04	-0.10211103E-03
30	0.28020677E-04	-0.99872319E-04
31	0.18487197E-04	-0.88498527E-04
32	0.10616157E-04	-0.68269183E-04
33	0.48706388E-05	-0.46921457E-04
34	0.11340238E-05	-0.28508992E-04
35	-0.97936652E-06	-0.14542728E-04
36	-0.19235456E-05	-0.50471735E-05
37	-0.21151664E-05	0.65742773E-06
38	-0.18871419E-05	0.35095684E-05
39	-0.14773335E-05	0.44392832E-05
40	-0.10373057E-05	0.42283896E-05
41	-0.65019623E-06	0.34612783E-05
42	-0.35060353E-06	0.25275599E-05
43	-0.14270168E-06	0.16533179E-05

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.14396639E-07	0.94537512E-06
45	0.52894901E-07	0.43307881E-06
46	0.78271377E-07	0.10235018E-06
47	0.78245797E-07	-0.81952557E-07
48	0.65363942E-07	-0.16176317E-06
49	0.48093714E-07	-0.17555732E-06
50	0.31439782E-07	-0.15373233E-06
51	0.17825627E-07	-0.11755594E-06
52	0.79708320E-08	-0.80112379E-07
53	0.16201108E-08	-0.48160029E-07
54	-0.19249569E-08	-0.24121166E-07
55	-0.34651797E-08	-0.79140277E-08
56	-0.37270693E-08	0.17139110E-08
57	-0.32859944E-08	0.64339472E-08
58	-0.25495546E-08	0.78757365E-08
59	-0.17749208E-08	0.73953124E-08
60	-0.11010990E-08	0.59966809E-08
61	-0.58410365E-09	0.43424779E-08
62	-0.22843460E-09	0.28133398E-08
63	-0.11372949E-10	0.15860837E-08
64	0.10035279E-09	0.70594691E-09
65	0.14042340E-09	0.14401901E-09
66	0.13761328E-09	-0.16420824E-09
67	0.11355540E-09	-0.29322589E-09
68	0.82698667E-10	-0.31032654E-09
69	0.53468240E-10	-0.26808269E-09
70	0.29847250E-10	-0.20288517E-09
71	0.12919041E-10	-0.13685270E-09
72	0.21305620E-11	-0.81204730E-10
73	-0.37951998E-11	-0.39755605E-10
74	-0.62801812E-11	-0.12095156E-10
75	-0.65958116E-11	0.41178788E-11
76	-0.57384509E-11	0.11875552E-10
77	-0.44070073E-11	0.14044032E-10
78	-0.30373664E-11	0.12980861E-10
79	-0.18609973E-11	0.10412829E-10
80	-0.96739912E-12	0.74668440E-11
81	-0.35890811E-12	0.47824722E-11
82	0.74950634E-14	0.26500915E-11
83	0.19174647E-12	0.11367982E-11
84	0.25351468E-12	0.18330373E-12
85	0.24309073E-12	-0.32968542E-12
86	0.19782612E-12	-0.53521873E-12
87	0.14235785E-12	-0.55142577E-12
88	0.90815701E-13	-0.46939064E-12
89	0.49679526E-13	-0.35136133E-12

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.20500510E-13	-0.23461972E-12
91	0.20981993E-14	-0.13759951E-12
92	-0.78680916E-14	-0.66040272E-13
93	-0.11911704E-13	-0.18536508E-13
94	-0.12224031E-13	0.95081100E-14
95	-0.10471769E-13	0.23702118E-13
96	-0.77694970E-14	0.29319436E-13
97	-0.47525562E-14	0.30596528E-13
98	-0.16985662E-14	0.30422388E-13
99	0.13317794E-14	0.30243989E-13

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32406804E-03	-0.10211103E-03
2	0.31385693E-03	-0.10211103E-03
3	0.30364582E-03	-0.10211103E-03
4	0.29343474E-03	-0.10211103E-03
5	0.28322364E-03	-0.10211103E-03
6	0.27301253E-03	-0.10211103E-03
7	0.26280142E-03	-0.10211103E-03
8	0.25259031E-03	-0.10211103E-03
9	0.24237922E-03	-0.10211103E-03
10	0.23216811E-03	-0.10211103E-03
11	0.22195702E-03	-0.10211103E-03
12	0.21174591E-03	-0.10211103E-03
13	0.20153480E-03	-0.10211103E-03
14	0.19132371E-03	-0.10211103E-03
15	0.18111260E-03	-0.10211103E-03
16	0.17090149E-03	-0.10211103E-03
17	0.16069040E-03	-0.10211103E-03
18	0.15047929E-03	-0.10211103E-03
19	0.14026818E-03	-0.10211103E-03
20	0.13005709E-03	-0.10211103E-03
21	0.11984598E-03	-0.10211103E-03
22	0.10963488E-03	-0.10211103E-03
23	0.99423778E-04	-0.10211103E-03
24	0.89212670E-04	-0.10211103E-03
25	0.79001569E-04	-0.10211103E-03
26	0.68790469E-04	-0.10211103E-03
27	0.58579364E-04	-0.10211103E-03
28	0.48368260E-04	-0.10211103E-03
29	0.38157159E-04	-0.10211103E-03
30	0.28020679E-04	-0.99872319E-04
31	0.18487197E-04	-0.88498527E-04
32	0.10616159E-04	-0.68269197E-04
33	0.48706383E-05	-0.46921476E-04
34	0.11340211E-05	-0.28509023E-04
35	-0.97937311E-06	-0.14542773E-04
36	-0.19235572E-05	-0.50472336E-05
37	-0.21151848E-05	0.65735691E-06
38	-0.18871675E-05	0.35094979E-05
39	-0.14773653E-05	0.44392341E-05
40	-0.10373399E-05	0.42283968E-05
41	-0.65022664E-06	0.34613392E-05
42	-0.35062681E-06	0.25276370E-05
43	-0.14271740E-06	0.16533897E-05

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.14405876E-07	0.94543202E-06
45	0.52890485E-07	0.43311846E-06
46	0.78270133E-07	0.10237445E-06
47	0.78246359E-07	-0.81940129E-07
48	0.65365306E-07	-0.16175882E-06
49	0.48095249E-07	-0.17555777E-06
50	0.31441139E-07	-0.15373512E-06
51	0.17826661E-07	-0.11755942E-06
52	0.79715257E-08	-0.80115598E-07
53	0.16205154E-08	-0.48162562E-07
54	-0.19247668E-08	-0.24122926E-07
55	-0.34651304E-08	-0.79151032E-08
56	-0.37270995E-08	0.17133632E-08
57	-0.32860601E-08	0.64337602E-08
58	-0.25496270E-08	0.78757667E-08
59	-0.17749842E-08	0.73954478E-08
60	-0.11011470E-08	0.59968452E-08
61	-0.58413557E-09	0.43426280E-08
62	-0.22845309E-09	0.28134572E-08
63	-0.11381542E-10	0.15861646E-08
64	0.10035062E-09	0.70599571E-09
65	0.14042482E-09	0.14404346E-09
66	0.13761627E-09	-0.16420022E-09
67	0.11355866E-09	-0.29322753E-09
68	0.82701498E-10	-0.31033276E-09
69	0.53470370E-10	-0.26809011E-09
70	0.29848665E-10	-0.20289190E-09
71	0.12919851E-10	-0.13685794E-09
72	0.21309311E-11	-0.81208332E-10
73	-0.37951174E-11	-0.39757784E-10
74	-0.62802597E-11	-0.12096249E-10
75	-0.65959595E-11	0.41175232E-11
76	-0.57386101E-11	0.11875637E-10
77	-0.44071461E-11	0.14044332E-10
78	-0.30374707E-11	0.12981222E-10
79	-0.18610666E-11	0.10413157E-10
80	-0.96743902E-12	0.74670999E-11
81	-0.35892651E-12	0.47826482E-11
82	0.74906130E-14	0.26501976E-11
83	0.19174980E-12	0.11368510E-11
84	0.25352138E-12	0.18332091E-12
85	0.24309797E-12	-0.32968918E-12
86	0.19783243E-12	-0.53523250E-12
87	0.14236260E-12	-0.55144225E-12
88	0.90818852E-13	-0.46940566E-12
89	0.49681335E-13	-0.35137301E-12

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.20501336E-13	-0.23462777E-12
91	0.20983842E-14	-0.13760439E-12
92	-0.78682678E-14	-0.66042746E-13
93	-0.11912039E-13	-0.18537340E-13
94	-0.12224396E-13	0.95082769E-14
95	-0.10472088E-13	0.23702806E-13
96	-0.77697341E-14	0.29320330E-13
97	-0.47527010E-14	0.30597463E-13
98	-0.16986176E-14	0.30423319E-13
99	0.13318207E-14	0.30244917E-13

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32644637E-03	-0.10499034E-03
2	0.31594728E-03	-0.10499210E-03
3	0.30544779E-03	-0.10499854E-03
4	0.29494741E-03	-0.10500971E-03
5	0.28444585E-03	-0.10502075E-03
6	0.27394359E-03	-0.10502175E-03
7	0.26344234E-03	-0.10499747E-03
8	0.25294561E-03	-0.10492734E-03
9	0.24245924E-03	-0.10478638E-03
10	0.23199270E-03	-0.10451468E-03
11	0.22156470E-03	-0.10399103E-03
12	0.21120851E-03	-0.10304712E-03
13	0.20097569E-03	-0.10149084E-03
14	0.19093677E-03	-0.99141500E-04
15	0.18117817E-03	-0.95868687E-04
16	0.17179515E-03	-0.91632392E-04
17	0.16288353E-03	-0.86440770E-04
18	0.15453884E-03	-0.80293830E-04
19	0.14685662E-03	-0.73191564E-04
20	0.13993238E-03	-0.65133980E-04
21	0.13386166E-03	-0.56121076E-04
22	0.12874001E-03	-0.46152851E-04
23	0.12466294E-03	-0.35229303E-04
24	0.12172599E-03	-0.23350434E-04
25	0.12002469E-03	-0.10516243E-04
26	0.11965458E-03	0.32732678E-05
27	0.12066752E-03	0.16708105E-04
28	0.12294071E-03	0.28478271E-04
29	0.12630768E-03	0.38583767E-04
30	0.13060198E-03	0.47024594E-04
31	0.13565712E-03	0.53800748E-04
32	0.14130663E-03	0.58912232E-04
33	0.14738407E-03	0.62359046E-04
34	0.15372295E-03	0.64141190E-04
35	0.16015682E-03	0.64258660E-04
36	0.16651920E-03	0.62711464E-04
37	0.17264363E-03	0.59499598E-04
38	0.17836363E-03	0.54623059E-04
39	0.18351275E-03	0.48081849E-04
40	0.18792451E-03	0.39875969E-04
41	0.19143245E-03	0.30005420E-04
42	0.19387010E-03	0.18470198E-04
43	0.19507100E-03	0.52703076E-05

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.19486868E-03	-0.95942542E-05
45	0.19309667E-03	-0.26123485E-04
46	0.18958849E-03	-0.44317389E-04
47	0.18417770E-03	-0.64175962E-04
48	0.17669781E-03	-0.85699205E-04
49	0.16698237E-03	-0.10888712E-03
50	0.15486490E-03	-0.13373970E-03
51	0.14017893E-03	-0.16025695E-03
52	0.12277132E-03	-0.18803999E-03
53	0.10263953E-03	-0.21376526E-03
54	0.80377322E-04	-0.22871881E-03
55	0.57745106E-04	-0.21819229E-03
56	0.37561349E-04	-0.18299119E-03
57	0.21435088E-04	-0.13914354E-03
58	0.96914364E-05	-0.96532065E-04
59	0.19147858E-05	-0.60337272E-04
60	-0.26531409E-05	-0.32456162E-04
61	-0.48502470E-05	-0.12789057E-04
62	-0.54474799E-05	-0.21778638E-06
63	-0.50791837E-05	0.67921064E-05
64	-0.42221541E-05	0.98091441E-05
65	-0.32042526E-05	0.10219248E-04
66	-0.22283180E-05	0.91289485E-05
67	-0.14015384E-05	0.73463857E-05
68	-0.76420389E-06	0.54089287E-05
69	-0.31430963E-06	0.36347603E-05
70	-0.26599603E-07	0.21801591E-05
71	0.13394293E-06	0.10921799E-05
72	0.20338159E-06	0.35055683E-06
73	0.21370460E-06	-0.10155766E-06
74	0.19037743E-06	-0.33445096E-06
75	0.15185192E-06	-0.41621868E-06
76	0.11024882E-06	-0.40453264E-06
77	0.72588968E-07	-0.34353923E-06
78	0.42159787E-07	-0.26398138E-06
79	0.19770251E-07	-0.18509682E-06
80	0.47735518E-08	-0.11721845E-06
81	-0.41751025E-08	-0.64390015E-07
82	-0.86107894E-08	-0.26751714E-07
83	-0.99682769E-08	-0.23983719E-08
84	-0.94410177E-08	0.11438329E-07
85	-0.79347648E-08	0.17650409E-07
86	-0.60787899E-08	0.18826883E-07
87	-0.42676418E-08	0.17055759E-07
88	-0.27145652E-08	0.13876813E-07
89	-0.15046921E-08	0.10325483E-07

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.64113626E-09	0.70241244E-08
91	-0.81078179E-10	0.42864379E-08
92	0.23836230E-09	0.22150803E-08
93	0.38314071E-09	0.77980722E-09
94	0.41203538E-09	-0.12411690E-09
95	0.37156223E-09	-0.63069427E-09
96	0.29473970E-09	-0.87197599E-09
97	0.20226948E-09	-0.96018382E-09
98	0.10502162E-09	-0.97883124E-09
99	0.71111411E-11	-0.97924158E-09

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32647164E-03	-0.10505474E-03
2	0.31596614E-03	-0.10505474E-03
3	0.30546068E-03	-0.10505474E-03
4	0.29495519E-03	-0.10505517E-03
5	0.28444969E-03	-0.10505378E-03
6	0.27394478E-03	-0.10504210E-03
7	0.26344211E-03	-0.10500549E-03
8	0.25294520E-03	-0.10492354E-03
9	0.24245975E-03	-0.10477116E-03
10	0.23199531E-03	-0.10448845E-03
11	0.22157043E-03	-0.10395460E-03
12	0.21121833E-03	-0.10300234E-03
13	0.20099025E-03	-0.10144149E-03
14	0.19095624E-03	-0.99094388E-04
15	0.18120179E-03	-0.95834876E-04
16	0.17182120E-03	-0.91617192E-04
17	0.16291029E-03	-0.86441338E-04
18	0.15456487E-03	-0.80307313E-04
19	0.14688076E-03	-0.73215109E-04
20	0.13995379E-03	-0.65164735E-04
21	0.13387976E-03	-0.56156194E-04
22	0.12875449E-03	-0.46189474E-04
23	0.12467380E-03	-0.35264584E-04
24	0.12173352E-03	-0.23381521E-04
25	0.12002941E-03	-0.10541223E-04
26	0.11965712E-03	0.32547860E-05
27	0.12066852E-03	0.16695540E-04
28	0.12294071E-03	0.28470537E-04
29	0.12630710E-03	0.38579652E-04
30	0.13060111E-03	0.47022957E-04
31	0.13565617E-03	0.53800639E-04
32	0.14130573E-03	0.58912919E-04
33	0.14738325E-03	0.62360028E-04
34	0.15372223E-03	0.64142194E-04
35	0.16015620E-03	0.64259591E-04
36	0.16651866E-03	0.62712323E-04
37	0.17264317E-03	0.59500380E-04
38	0.17836325E-03	0.54623772E-04
39	0.18351243E-03	0.48082493E-04
40	0.18792426E-03	0.39876544E-04
41	0.19143225E-03	0.30005926E-04
42	0.19386996E-03	0.18470639E-04
43	0.19507090E-03	0.52706832E-05

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.19486860E-03	-0.95939422E-05
45	0.19309661E-03	-0.26123238E-04
46	0.18958846E-03	-0.44317203E-04
47	0.18417768E-03	-0.64175831E-04
48	0.17669781E-03	-0.85699125E-04
49	0.16698237E-03	-0.10888708E-03
50	0.15486490E-03	-0.13373968E-03
51	0.14017895E-03	-0.16025695E-03
52	0.12277132E-03	-0.18803999E-03
53	0.10263954E-03	-0.21376528E-03
54	0.80377329E-04	-0.22871883E-03
55	0.57745110E-04	-0.21819230E-03
56	0.37561353E-04	-0.18299121E-03
57	0.21435089E-04	-0.13914354E-03
58	0.96914364E-05	-0.96532065E-04
59	0.19147858E-05	-0.60337275E-04
60	-0.26531411E-05	-0.32456166E-04
61	-0.48502475E-05	-0.12789057E-04
62	-0.54474804E-05	-0.21778602E-06
63	-0.50791837E-05	0.67921069E-05
64	-0.42221541E-05	0.98091441E-05
65	-0.32042526E-05	0.10219248E-04
66	-0.22283180E-05	0.91289485E-05
67	-0.14015384E-05	0.73463862E-05
68	-0.76420395E-06	0.54089292E-05
69	-0.31430960E-06	0.36347606E-05
70	-0.26599592E-07	0.21801591E-05
71	0.13394295E-06	0.10921799E-05
72	0.20338160E-06	0.35055680E-06
73	0.21370461E-06	-0.10155769E-06
74	0.19037743E-06	-0.33445099E-06
75	0.15185192E-06	-0.41621868E-06
76	0.11024882E-06	-0.40453267E-06
77	0.72588975E-07	-0.34353923E-06
78	0.42159790E-07	-0.26398138E-06
79	0.19770251E-07	-0.18509682E-06
80	0.47735513E-08	-0.11721845E-06
81	-0.41751029E-08	-0.64390015E-07
82	-0.86107894E-08	-0.26751712E-07
83	-0.99682778E-08	-0.23983708E-08
84	-0.94410186E-08	0.11438331E-07
85	-0.79347657E-08	0.17650411E-07
86	-0.60787899E-08	0.18826883E-07
87	-0.42676422E-08	0.17055761E-07
88	-0.27145652E-08	0.13876813E-07
89	-0.15046921E-08	0.10325484E-07

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.64113620E-09	0.70241244E-08
91	-0.81078151E-10	0.42864379E-08
92	0.23836230E-09	0.22150803E-08
93	0.38314074E-09	0.77980722E-09
94	0.41203538E-09	-0.12411695E-09
95	0.37156223E-09	-0.63069433E-09
96	0.29473970E-09	-0.87197605E-09
97	0.20226949E-09	-0.96018393E-09
98	0.10502162E-09	-0.97883124E-09
99	0.71111342E-11	-0.97924158E-09

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.32647E-03	5
2	-0.10000	0.31597E-03	5
3	-0.20000	0.30546E-03	5
4	-0.30000	0.29496E-03	5
5	-0.40000	0.28445E-03	5
6	-0.50000	0.27394E-03	5
7	-0.60000	0.26344E-03	4
8	-0.70000	0.25295E-03	4
9	-0.80000	0.24246E-03	5
10	-0.90000	0.23217E-03	3
11	-1.0000	0.22196E-03	3
12	-1.1000	0.21175E-03	3
13	-1.2000	0.20153E-03	3
14	-1.3000	0.19132E-03	3
15	-1.4000	0.18120E-03	5
16	-1.5000	0.17182E-03	5
17	-1.6000	0.16291E-03	5
18	-1.7000	0.15456E-03	5
19	-1.8000	0.14688E-03	5
20	-1.9000	0.13995E-03	5
21	-2.0000	0.13388E-03	5
22	-2.1000	0.12875E-03	5
23	-2.2000	0.12467E-03	5
24	-2.3000	0.12173E-03	5
25	-2.4000	0.12003E-03	5
26	-2.5000	0.11966E-03	5
27	-2.6000	0.12067E-03	5
28	-2.7000	0.12294E-03	5
29	-2.8000	0.12631E-03	4
30	-2.9000	0.13060E-03	4
31	-3.0000	0.13566E-03	4
32	-3.1000	0.14131E-03	4
33	-3.2000	0.14738E-03	4
34	-3.3000	0.15372E-03	4
35	-3.4000	0.16016E-03	4
36	-3.5000	0.16652E-03	4
37	-3.6000	0.17264E-03	4
38	-3.7000	0.17836E-03	4

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.18351E-03	4
40	-3.9000	0.18792E-03	4
41	-4.0000	0.19143E-03	4
42	-4.1000	0.19387E-03	4
43	-4.2000	0.19507E-03	4
44	-4.3000	0.19487E-03	4
45	-4.4000	0.19310E-03	4
46	-4.5000	0.18959E-03	4
47	-4.6000	0.18418E-03	4
48	-4.7000	0.17670E-03	5
49	-4.8000	0.16698E-03	5
50	-4.9000	0.15486E-03	5
51	-5.0000	0.14018E-03	5
52	-5.1000	0.12277E-03	5
53	-5.2000	0.10264E-03	5
54	-5.3000	0.80377E-04	5
55	-5.4000	0.57745E-04	5
56	-5.5000	0.37561E-04	5
57	-5.6000	0.21435E-04	5
58	-5.7000	0.96914E-05	5
59	-5.8000	0.19148E-05	5
60	-5.9000	-0.26531E-05	5
61	-6.0000	-0.48502E-05	5
62	-6.1000	-0.54475E-05	5
63	-6.2000	-0.50792E-05	5
64	-6.3000	-0.42222E-05	5
65	-6.4000	-0.32043E-05	5
66	-6.5000	-0.22283E-05	5
67	-6.6000	-0.14015E-05	5
68	-6.7000	-0.76420E-06	5
69	-6.8000	-0.31431E-06	4
70	-6.9000	-0.26600E-07	4
71	-7.0000	0.13394E-06	5
72	-7.1000	0.20338E-06	5
73	-7.2000	0.21370E-06	5
74	-7.3000	0.19038E-06	5
75	-7.4000	0.15185E-06	5
76	-7.5000	0.11025E-06	5
77	-7.6000	0.72589E-07	5
78	-7.7000	0.42160E-07	5
79	-7.8000	0.19770E-07	5
80	-7.9000	0.47736E-08	4
81	-8.0000	-0.41751E-08	5
82	-8.1000	-0.86108E-08	5
83	-8.2000	-0.99683E-08	5
84	-8.3000	-0.94410E-08	5

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	-0.79348E-08	5
86	-8.5000	-0.60788E-08	5
87	-8.6000	-0.42676E-08	5
88	-8.7000	-0.27146E-08	5
89	-8.8000	-0.15047E-08	5
90	-8.9000	-0.64114E-09	4
91	-9.0000	-0.81078E-10	4
92	-9.1000	0.23836E-09	5
93	-9.2000	0.38314E-09	5
94	-9.3000	0.41204E-09	5
95	-9.4000	0.37156E-09	5
96	-9.5000	0.29474E-09	5
97	-9.6000	0.20227E-09	5
98	-9.7000	0.10502E-09	5
99	-9.8000	0.71111E-11	4

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.5507E-13	0.9148E-13	0.1325E-02
	B	-0.1000	0.9592E-13	0.1325E-03	0.1325E-02
2	A	-0.1000	0.5329E-13	0.1325E-03	0.2225E-02
	B	-0.2000	0.7105E-14	0.3550E-03	0.2225E-02
3	A	-0.2000	0.1146E-12	0.3550E-03	0.1337E-02
	B	-0.3000	0.	0.4886E-03	0.1337E-02
4	A	-0.3000	0.	0.4886E-03	0.1701E-02
	B	-0.4000	0.1376E-03	0.3463E-03	0.1701E-02
5	A	-0.4000	0.1376E-03	0.3463E-03	0.6165E-02
	B	-0.5000	0.7456E-03	0.1712E-09	0.6165E-02
6	A	-0.5000	0.7456E-03	0.1714E-09	0.1296E-01
	B	-0.6000	0.2022E-02	0.2062E-09	0.1296E-01
7	A	-0.6000	0.2022E-02	0.2063E-09	0.2170E-01
	B	-0.7000	0.4174E-02	0.2416E-09	0.2170E-01
8	A	-0.7000	0.4174E-02	0.2413E-09	0.3185E-01
	B	-0.8000	0.7346E-02	0.2764E-09	0.3185E-01
9	A	-0.8000	0.7346E-02	0.2764E-09	0.6699E-01
	B	-0.9000	0.1403E-01	0.3117E-09	0.6699E-01
10	A	-0.9000	0.1403E-01	0.3116E-09	0.1235
	B	-1.000	0.2633E-01	0.3468E-09	0.1235
11	A	-1.000	0.2633E-01	0.3468E-09	0.1943
	B	-1.100	0.4566E-01	0.3818E-09	0.1943
12	A	-1.100	0.4566E-01	0.3818E-09	0.2687
	B	-1.200	0.7234E-01	0.4167E-09	0.2687
13	A	-1.200	0.7234E-01	0.4166E-09	0.3309
	B	-1.300	0.1053	0.4519E-09	0.3309
14	A	-1.300	0.1053	0.4519E-09	0.3673
	B	-1.400	0.1421	0.	0.3673
15	A	-1.400	0.1421	0.	0.3622
	B	-1.500	0.1782	0.	0.3622
16	A	-1.500	0.1782	0.	0.3622
	B	-1.600	0.2143	0.	0.3622
17	A	-1.600	0.2143	0.	0.3622
	B	-1.700	0.2504	0.	0.3622

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.2504	0.	0.3622
	B	-1.800	0.2865	0.3553E-14	0.3622
19	A	-1.800	0.2865	0.	0.3622
	B	-1.900	0.3226	0.4086E-13	0.3622
20	A	-1.900	0.3226	0.7994E-13	0.3622
	B	-2.000	0.3587	0.1243E-12	0.3622
21	A	-2.000	0.3587	0.1297E-12	0.3622
	B	-2.100	0.3949	0.8171E-13	0.3622
22	A	-2.100	0.3949	0.1119E-12	0.3622
	B	-2.200	0.4311	0.8882E-13	0.3622
23	A	-2.200	0.4311	0.8260E-13	0.3622
	B	-2.300	0.4673	0.9059E-13	0.3622
24	A	-2.300	0.4673	0.1261E-12	0.3615
	B	-2.400	0.5034	0.1172E-12	0.3615
25	A	-2.400	0.5034	0.1377E-12	0.3611
	B	-2.500	0.5395	0.7511E-08	0.3611
26	A	-2.500	0.5395	0.7511E-08	0.6296
	B	-2.600	0.4766	0.1926E-07	0.6296
27	A	-2.600	0.4766	0.1926E-07	0.6297
	B	-2.700	0.4136	0.3100E-07	0.6297
28	A	-2.700	0.4136	0.3100E-07	0.6297
	B	-2.800	0.3506	0.4275E-07	0.6297
29	A	-2.800	0.3506	0.4275E-07	1.692
	B	-2.900	0.2877	0.	1.692
30	A	-2.900	0.2877	0.	5.214
	B	-3.000	0.6906	0.	5.214
31	A	-3.000	0.6906	0.	1.481
	B	-3.100	0.8387	0.	1.481
32	A	-3.100	0.8387	0.	0.6356
	B	-3.200	0.7752	0.	0.6356
33	A	-3.200	0.7752	0.	1.583
	B	-3.300	0.6168	0.	1.583
34	A	-3.300	0.6168	0.	1.778
	B	-3.400	0.4390	0.2702E-01	1.778
35	A	-3.400	0.4390	0.2702E-01	1.602
	B	-3.500	0.2788	0.8995E-01	1.602
36	A	-3.500	0.2788	0.8995E-01	1.264
	B	-3.600	0.1524	0.1529	1.264
37	A	-3.600	0.1524	0.1529	0.8924
	B	-3.700	0.6319E-01	0.2158	0.8924
38	A	-3.700	0.6319E-01	0.2158	0.6292
	B	-3.800	0.7099E-02	0.2787	0.6292
39	A	-3.800	0.7099E-02	0.2787	0.6292
	B	-3.900	0.	0.3416	0.6292
40	A	-3.900	0.	0.3416	0.6292
	B	-4.000	0.	0.4046	0.6292

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.	0.4046	0.6292
	B	-4.100	0.	0.4675	0.6292
42	A	-4.100	0.	0.4675	0.6292
	B	-4.200	0.	0.5304	0.6292
43	A	-4.200	0.	0.5304	0.6292
	B	-4.300	0.	0.5933	0.6292
44	A	-4.300	0.	0.5933	0.6292
	B	-4.400	0.	0.6563	0.6292
45	A	-4.400	0.	0.6563	0.6292
	B	-4.500	0.	0.7192	0.6292
46	A	-4.500	0.	0.7192	0.6292
	B	-4.600	0.	0.7821	0.6292
47	A	-4.600	0.	0.7821	0.6292
	B	-4.700	0.	0.8450	0.6292
48	A	-4.700	0.	0.8450	0.6292
	B	-4.800	0.3953E-03	0.9080	0.6292
49	A	-4.800	0.3953E-03	0.9080	0.6292
	B	-4.900	0.1255E-02	0.9709	0.6292
50	A	-4.900	0.1255E-02	0.9709	0.6292
	B	-5.000	0.1480E-02	1.034	0.6292
51	A	-5.000	0.1480E-02	1.034	0.3277
	B	-5.100	0.1350E-02	1.067	0.3277
52	A	-5.100	0.1350E-02	1.067	1.883
	B	-5.200	0.1065E-02	0.8782	1.883
53	A	-5.200	0.1065E-02	0.8782	6.260
	B	-5.300	0.7522E-03	0.2522	6.260
54	A	-5.300	0.7522E-03	0.2522	13.00
	B	-5.400	1.048	0.	13.00
55	A	-5.400	1.048	0.	5.651
	B	-5.500	1.613	0.	5.651
56	A	-5.500	1.613	0.	0.8857
	B	-5.600	1.702	0.	0.8857
57	A	-5.600	1.702	0.	1.820
	B	-5.700	1.520	0.	1.820
58	A	-5.700	1.520	0.	3.031
	B	-5.800	1.217	0.4329E-04	3.031
59	A	-5.800	1.217	0.4329E-04	3.254
	B	-5.900	0.8912	0.6244E-04	3.254
60	A	-5.900	0.8912	0.6244E-04	2.955
	B	-6.000	0.5956	0.6261E-04	2.955
61	A	-6.000	0.5956	0.6261E-04	2.409
	B	-6.100	0.3547	0.5299E-04	2.409
62	A	-6.100	0.3547	0.5299E-04	1.795
	B	-6.200	0.1752	0.3979E-04	1.795
63	A	-6.200	0.1752	0.3979E-04	1.223
	B	-6.300	0.5288E-01	0.2675E-04	1.223

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.5288E-01	0.2675E-04	0.7476
	B	-6.400	0.	0.2188E-01	0.7476
65	A	-6.400	0.	0.2188E-01	0.3867
	B	-6.500	0.	0.6055E-01	0.3867
66	A	-6.500	0.	0.6055E-01	0.1367
	B	-6.600	0.	0.7421E-01	0.1367
67	A	-6.600	0.	0.7421E-01	0.1956E-01
	B	-6.700	0.8938E-06	0.7226E-01	0.1956E-01
68	A	-6.700	0.8938E-06	0.7226E-01	0.1039
	B	-6.800	0.2300E-05	0.6187E-01	0.1039
69	A	-6.800	0.2300E-05	0.6187E-01	0.1377
	B	-6.900	0.2629E-05	0.4810E-01	0.1377
70	A	-6.900	0.2629E-05	0.4810E-01	0.1395
	B	-7.000	0.2363E-05	0.3415E-01	0.1395
71	A	-7.000	0.2363E-05	0.3415E-01	0.1224
	B	-7.100	0.1844E-05	0.2191E-01	0.1224
72	A	-7.100	0.1844E-05	0.2191E-01	0.9648E-01
	B	-7.200	0.1290E-05	0.1227E-01	0.9648E-01
73	A	-7.200	0.1290E-05	0.1227E-01	0.6925E-01
	B	-7.300	0.8017E-06	0.5341E-02	0.6925E-01
74	A	-7.300	0.8017E-06	0.5341E-02	0.4500E-01
	B	-7.400	0.4241E-06	0.8409E-03	0.4500E-01
75	A	-7.400	0.4241E-06	0.8409E-03	0.2565E-01
	B	-7.500	0.1724E-02	0.	0.2565E-01
76	A	-7.500	0.1724E-02	0.	0.1162E-01
	B	-7.600	0.2887E-02	0.	0.1162E-01
77	A	-7.600	0.2887E-02	0.	0.2411E-02
	B	-7.700	0.3128E-02	0.8191E-07	0.2411E-02
78	A	-7.700	0.3128E-02	0.8191E-07	0.2920E-02
	B	-7.800	0.2836E-02	0.1122E-06	0.2920E-02
79	A	-7.800	0.2836E-02	0.1122E-06	0.5401E-02
	B	-7.900	0.2296E-02	0.1105E-06	0.5401E-02
80	A	-7.900	0.2296E-02	0.1105E-06	0.5977E-02
	B	-8.000	0.1698E-02	0.9246E-07	0.5977E-02
81	A	-8.000	0.1698E-02	0.9246E-07	0.5507E-02
	B	-8.100	0.1147E-02	0.6876E-07	0.5507E-02
82	A	-8.100	0.1147E-02	0.6876E-07	0.4537E-02
	B	-8.200	0.6937E-03	0.4565E-07	0.4537E-02
83	A	-8.200	0.6937E-03	0.4565E-07	0.3414E-02
	B	-8.300	0.3523E-03	0.2643E-07	0.3414E-02
84	A	-8.300	0.3523E-03	0.2643E-07	0.2350E-02
	B	-8.400	0.1173E-03	0.1235E-07	0.2350E-02
85	A	-8.400	0.1173E-03	0.1235E-07	0.1457E-02
	B	-8.500	0.	0.2836E-04	0.1457E-02
86	A	-8.500	0.	0.2836E-04	0.7718E-03
	B	-8.600	0.1964E-08	0.1055E-03	0.7718E-03

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.1964E-08	0.1055E-03	0.2925E-03
	B	-8.700	0.4238E-08	0.1348E-03	0.2925E-03
88	A	-8.700	0.4238E-08	0.1348E-03	0.1096E-04
	B	-8.800	0.4685E-08	0.1337E-03	0.1096E-04
89	A	-8.800	0.4685E-08	0.1337E-03	0.1780E-03
	B	-8.900	0.4141E-08	0.1159E-03	0.1780E-03
90	A	-8.900	0.4141E-08	0.1159E-03	0.2481E-03
	B	-9.000	0.3194E-08	0.9108E-04	0.2481E-03
91	A	-9.000	0.3194E-08	0.9108E-04	0.2556E-03
	B	-9.100	0.2216E-08	0.6552E-04	0.2556E-03
92	A	-9.100	0.2216E-08	0.6552E-04	0.2253E-03
	B	-9.200	0.1376E-08	0.4299E-04	0.2253E-03
93	A	-9.200	0.1376E-08	0.4299E-04	0.1764E-03
	B	-9.300	0.7447E-09	0.2535E-04	0.1764E-03
94	A	-9.300	0.7447E-09	0.2535E-04	0.1240E-03
	B	-9.400	0.3285E-09	0.1295E-04	0.1240E-03
95	A	-9.400	0.3285E-09	0.1295E-04	0.7661E-04
	B	-9.500	0.9623E-10	0.5290E-05	0.7661E-04
96	A	-9.500	0.9623E-10	0.5290E-05	0.3911E-04
	B	-9.600	0.3220E-12	0.1379E-05	0.3911E-04
97	A	-9.600	0.3220E-12	0.1379E-05	0.1348E-04
	B	-9.700	0.	0.3102E-07	0.1348E-04
98	A	-9.700	0.	0.3102E-07	0.3102E-06
	B	-9.800	0.5421E-19	0.	0.3102E-06

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -2.5000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA 0.26956E-07 kN/m
FASE 4 FORZA 1.0539 kN/m
FASE 5 FORZA 1.0540 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	25.00	0.	0.
2	-0.1000	2.700	26.35	0.	0.
3	-0.2000	5.400	27.70	0.	0.
4	-0.3000	8.100	29.05	0.	0.
5	-0.4000	10.80	30.40	0.	0.
6	-0.5000	13.50	31.75	0.	0.
7	-0.6000	16.20	33.10	0.	0.
8	-0.7000	18.90	34.45	0.	0.
9	-0.8000	21.60	35.80	0.	0.
10	-0.9000	24.30	37.15	0.	0.
11	-1.000	27.00	38.50	0.	0.
12	-1.100	29.70	39.85	0.	0.
13	-1.200	32.40	41.20	0.	0.
14	-1.300	35.10	42.55	0.	0.
15	-1.400	37.80	43.90	0.	0.
16	-1.500	40.50	45.25	0.	0.
17	-1.600	43.20	46.60	0.	0.
18	-1.700	45.90	47.95	0.	0.
19	-1.800	48.60	49.30	0.	0.
20	-1.900	51.30	50.65	0.	0.
21	-2.000	54.00	52.00	0.	0.
22	-2.100	56.70	53.35	0.	0.
23	-2.200	59.40	54.70	0.	0.
24	-2.300	62.10	56.05	0.	0.
25	-2.400	64.80	57.40	0.	0.
26	-2.500	67.50	58.75	0.	0.
27	-2.600	70.20	60.10	0.	0.
28	-2.700	72.90	61.45	0.	0.
29	-2.800	75.60	62.80	0.	0.
30	-2.900	78.30	64.15	0.	0.
31	-3.000	81.00	65.50	0.	0.
32	-3.100	83.70	66.85	0.	0.
33	-3.200	86.40	68.20	0.	0.
34	-3.300	89.10	69.55	0.	0.
35	-3.400	92.80	70.90	0.	0.

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	96.47	72.25	0.	0.
37	-3.600	99.37	73.60	0.	0.
38	-3.700	101.8	74.95	0.	0.
39	-3.800	104.1	76.30	0.	0.
40	-3.900	106.4	77.65	0.	0.
41	-4.000	108.6	79.00	0.	0.
42	-4.100	111.0	80.35	0.	0.
43	-4.200	113.5	81.70	0.	0.
44	-4.300	116.1	83.05	0.	0.
45	-4.400	118.8	84.40	0.	0.
46	-4.500	121.5	85.75	0.	0.
47	-4.600	124.2	87.10	0.	0.
48	-4.700	126.9	88.45	0.	0.
49	-4.800	129.6	89.80	0.	0.
50	-4.900	132.3	91.15	0.	0.
51	-5.000	135.0	90.99	0.	0.
52	-5.100	137.7	82.79	0.	0.
53	-5.200	140.4	73.32	0.	0.
54	-5.300	143.1	62.84	0.	0.
55	-5.400	145.8	52.18	0.	0.
56	-5.500	148.5	42.68	0.	0.
57	-5.600	151.2	35.09	0.	0.
58	-5.700	153.9	29.56	0.	0.
59	-5.800	156.6	25.90	0.	0.
60	-5.900	161.0	25.00	0.	0.
61	-6.000	165.0	25.00	0.	0.
62	-6.100	168.1	25.00	0.	0.
63	-6.200	170.6	25.00	0.	0.
64	-6.300	172.7	25.00	0.	0.
65	-6.400	174.8	25.00	0.	0.
66	-6.500	176.9	25.00	0.	0.
67	-6.600	179.1	25.00	0.	0.
68	-6.700	181.4	25.00	0.	0.
69	-6.800	183.8	25.00	0.	0.
70	-6.900	186.3	25.00	0.	0.
71	-7.000	189.0	25.06	0.	0.
72	-7.100	191.7	25.10	0.	0.
73	-7.200	194.4	25.10	0.	0.
74	-7.300	197.1	25.09	0.	0.
75	-7.400	199.8	25.07	0.	0.
76	-7.500	202.5	25.05	0.	0.
77	-7.600	205.2	25.03	0.	0.
78	-7.700	207.9	25.02	0.	0.
79	-7.800	210.6	25.01	0.	0.
80	-7.900	213.3	25.00	0.	0.
81	-8.000	216.0	25.00	0.	0.

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	25.00	0.	0.
83	-8.200	221.4	25.00	0.	0.
84	-8.300	224.1	25.00	0.	0.
85	-8.400	226.8	25.00	0.	0.
86	-8.500	229.5	25.00	0.	0.
87	-8.600	232.2	25.00	0.	0.
88	-8.700	234.9	25.00	0.	0.
89	-8.800	237.6	25.00	0.	0.
90	-8.900	240.3	25.00	0.	0.
91	-9.000	243.0	25.00	0.	0.
92	-9.100	245.7	25.00	0.	0.
93	-9.200	248.4	25.00	0.	0.
94	-9.300	251.1	25.00	0.	0.
95	-9.400	253.8	25.00	0.	0.
96	-9.500	256.5	25.00	0.	0.
97	-9.600	259.2	25.00	0.	0.
98	-9.700	261.9	25.00	0.	0.
99	-9.800	264.6	25.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	89.90	44.95	0.	0.
32	-3.100	88.54	42.92	0.	0.
33	-3.200	88.39	41.49	0.	0.
34	-3.300	89.30	40.60	0.	0.
35	-3.400	91.80	40.12	0.	0.

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	39.80	0.	0.
37	-3.600	97.20	39.73	0.	0.
38	-3.700	99.90	39.81	0.	0.
39	-3.800	102.6	39.96	0.	0.
40	-3.900	105.3	40.12	0.	0.
41	-4.000	108.0	40.26	0.	0.
42	-4.100	110.7	40.37	0.	0.
43	-4.200	113.4	40.45	0.	0.
44	-4.300	116.1	40.49	0.	0.
45	-4.400	118.8	40.51	0.	0.
46	-4.500	121.5	40.52	0.	0.
47	-4.600	124.2	40.52	0.	0.
48	-4.700	126.9	40.52	0.	0.
49	-4.800	129.6	40.51	0.	0.
50	-4.900	132.3	40.51	0.	0.
51	-5.000	135.0	40.50	0.	0.
52	-5.100	137.7	40.50	0.	0.
53	-5.200	140.4	40.50	0.	0.
54	-5.300	143.1	40.50	0.	0.
55	-5.400	165.0	82.48	0.	0.
56	-5.500	160.8	79.05	0.	0.
57	-5.600	158.1	76.34	0.	0.
58	-5.700	156.9	74.39	0.	0.
59	-5.800	157.0	73.12	0.	0.
60	-5.900	159.3	72.24	0.	0.
61	-6.000	162.0	71.69	0.	0.
62	-6.100	164.7	71.54	0.	0.
63	-6.200	167.4	71.63	0.	0.
64	-6.300	170.1	71.85	0.	0.
65	-6.400	172.8	72.10	0.	0.
66	-6.500	175.5	72.34	0.	0.
67	-6.600	178.2	72.55	0.	0.
68	-6.700	180.9	72.71	0.	0.
69	-6.800	183.6	72.82	0.	0.
70	-6.900	186.3	72.89	0.	0.
71	-7.000	189.0	72.92	0.	0.
72	-7.100	191.8	72.93	0.	0.
73	-7.200	194.5	72.94	0.	0.
74	-7.300	197.2	72.93	0.	0.
75	-7.400	199.9	72.93	0.	0.
76	-7.500	202.5	72.92	0.	0.
77	-7.600	205.2	72.91	0.	0.
78	-7.700	207.9	72.91	0.	0.
79	-7.800	210.6	72.90	0.	0.
80	-7.900	213.3	72.90	0.	0.
81	-8.000	216.0	72.90	0.	0.

History 0 - Paratia 1 Sez_B - H = 5.4 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	72.90	0.	0.
83	-8.200	221.4	72.90	0.	0.
84	-8.300	224.1	72.90	0.	0.
85	-8.400	226.8	72.90	0.	0.
86	-8.500	229.5	72.90	0.	0.
87	-8.600	232.2	72.90	0.	0.
88	-8.700	234.9	72.90	0.	0.
89	-8.800	237.6	72.90	0.	0.
90	-8.900	240.3	72.90	0.	0.
91	-9.000	243.0	72.90	0.	0.
92	-9.100	245.7	72.90	0.	0.
93	-9.200	248.4	72.90	0.	0.
94	-9.300	251.1	72.90	0.	0.
95	-9.400	253.8	72.90	0.	0.
96	-9.500	256.5	72.90	0.	0.
97	-9.600	259.2	72.90	0.	0.
98	-9.700	261.9	72.90	0.	0.
99	-9.800	264.6	72.90	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1296.5	1296.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1296.5	1296.5
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	16550.	16550.
RAPPORTO PASSIVA/VERA	12.765	12.765
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

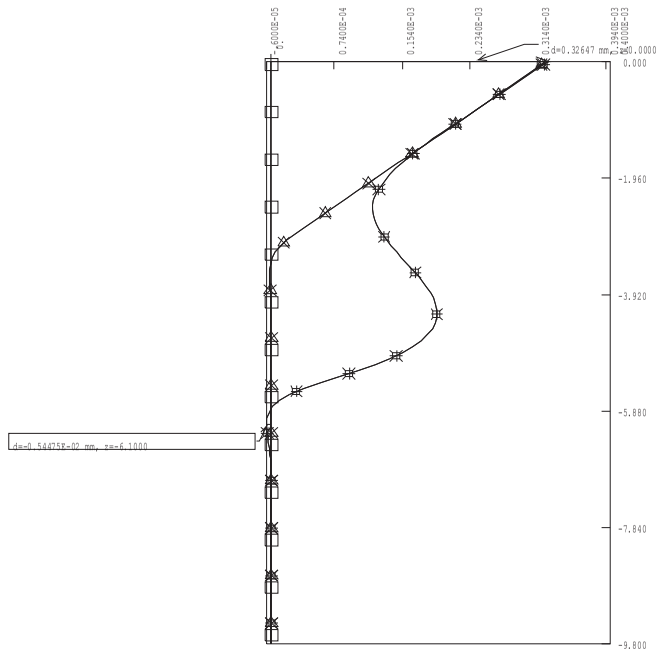
FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1179.9	1179.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1179.9	1179.9
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	21016.	8998.1
RAPPORTO PASSIVA/VERA	17.812	7.6260
SPINTA PASSIVA MOBILITATA	6.%	13.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1179.9	1179.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1179.9	1179.9
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	21016.	8998.1
RAPPORTO PASSIVA/VERA	17.812	7.6260
SPINTA PASSIVA MOBILITATA	6.%	13.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	913.87	912.87
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	913.87	912.87
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	21016.	4531.5
RAPPORTO PASSIVA/VERA	22.997	4.9640
SPINTA PASSIVA MOBILITATA	4.%	20.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	913.87	912.87
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	913.87	912.87
SPINTA ATTIVA (POSSIBILE)	0.18477E-01	0.
SPINTA PASSIVA (POSSIBILE)	21016.	4531.5
RAPPORTO PASSIVA/VERA	22.997	4.9640
SPINTA PASSIVA MOBILITATA	4.%	20.%
RAPPORTO VERA/ATTIVA	49459.	0.10000E+06

OUTPUT PLOTS:

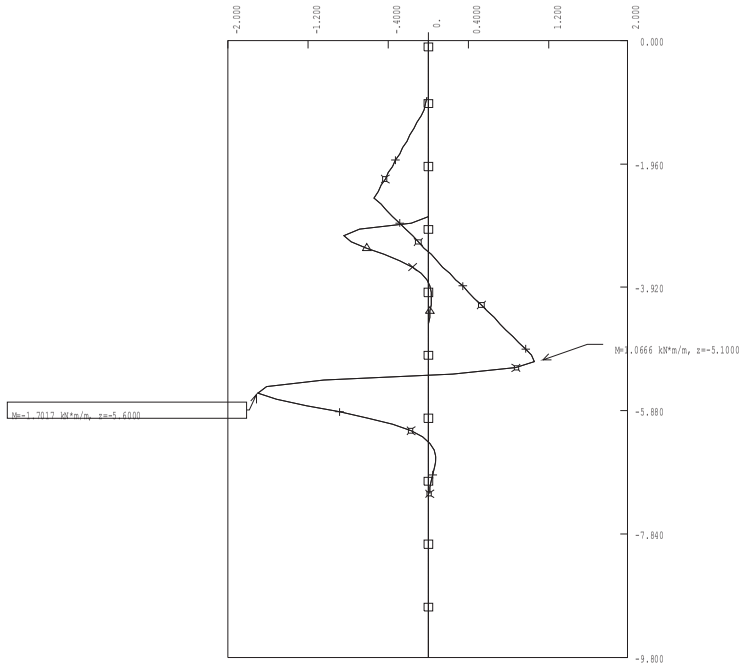


step 5
step 4
step 3
step 2
step 1

FATTORE SCALA: 0.80 - FATTORE AMPLIF.: 13456.27
DEFORMATA PASSI 1 / 5 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 2:51:15

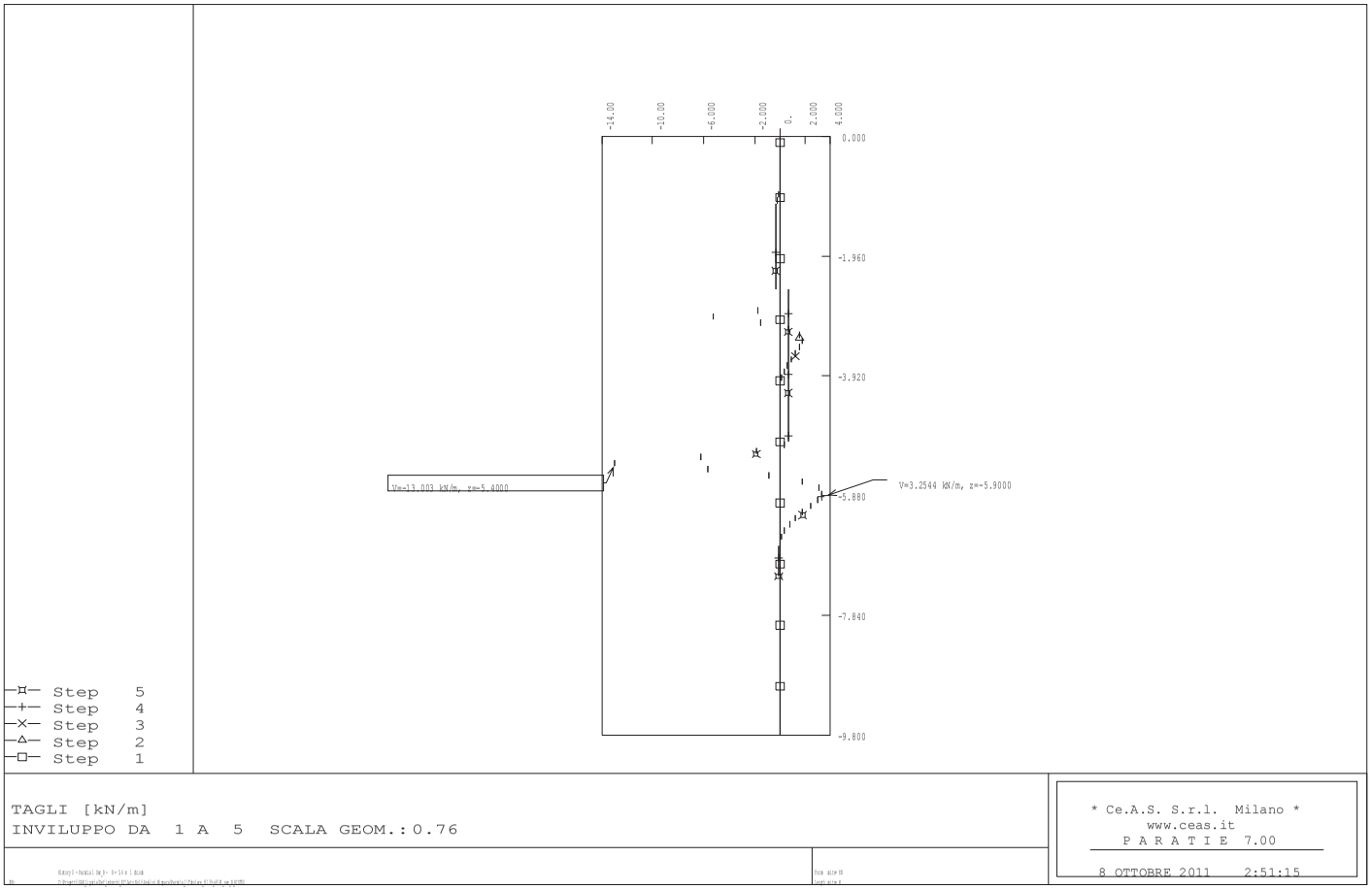


Step 5
Step 4
Step 3
Step 2
Step 1

MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

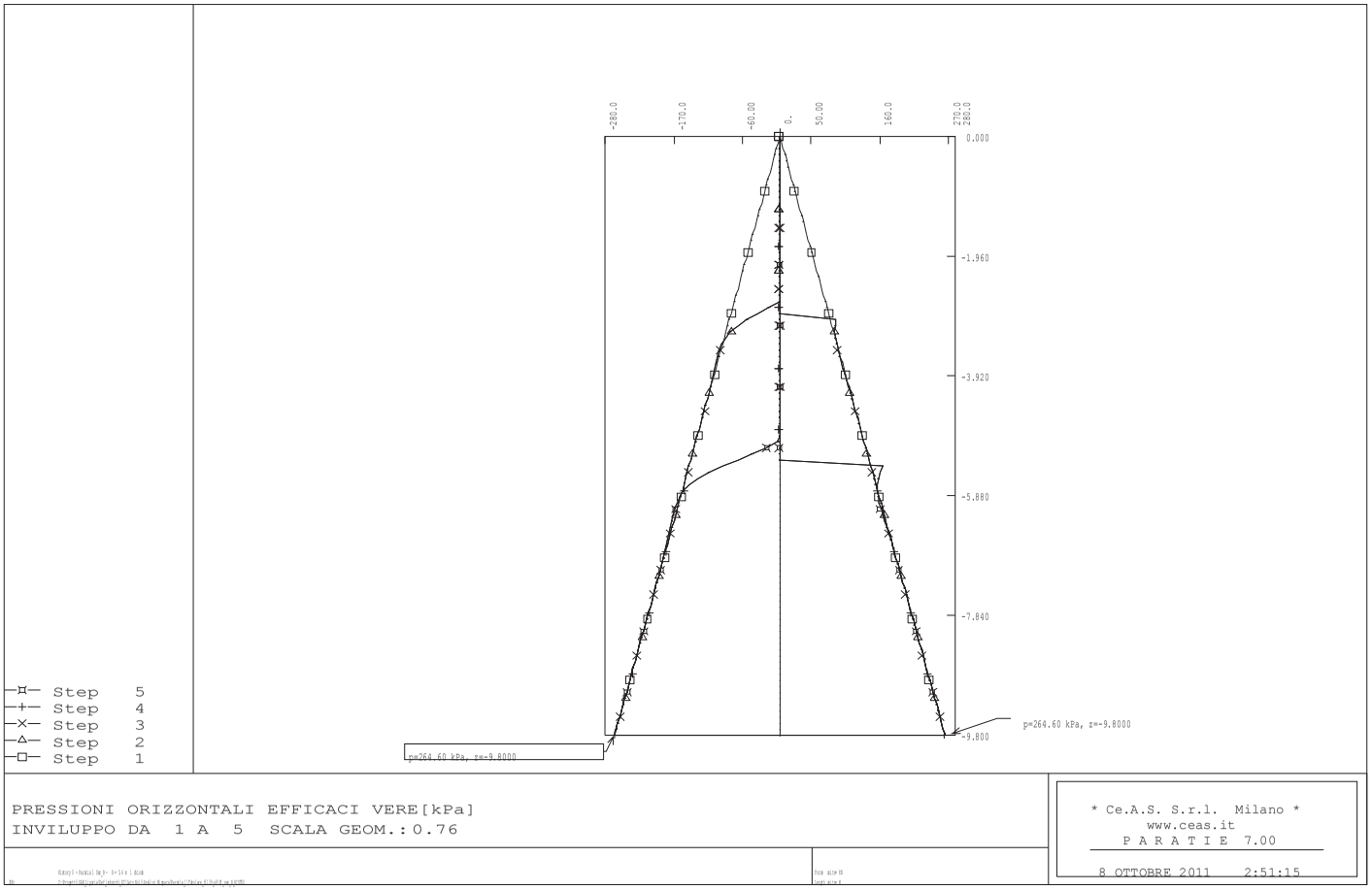
8 OTTOBRE 2011 2:51:15



TAGLI [kN/m]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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P A R A T I E 7.00

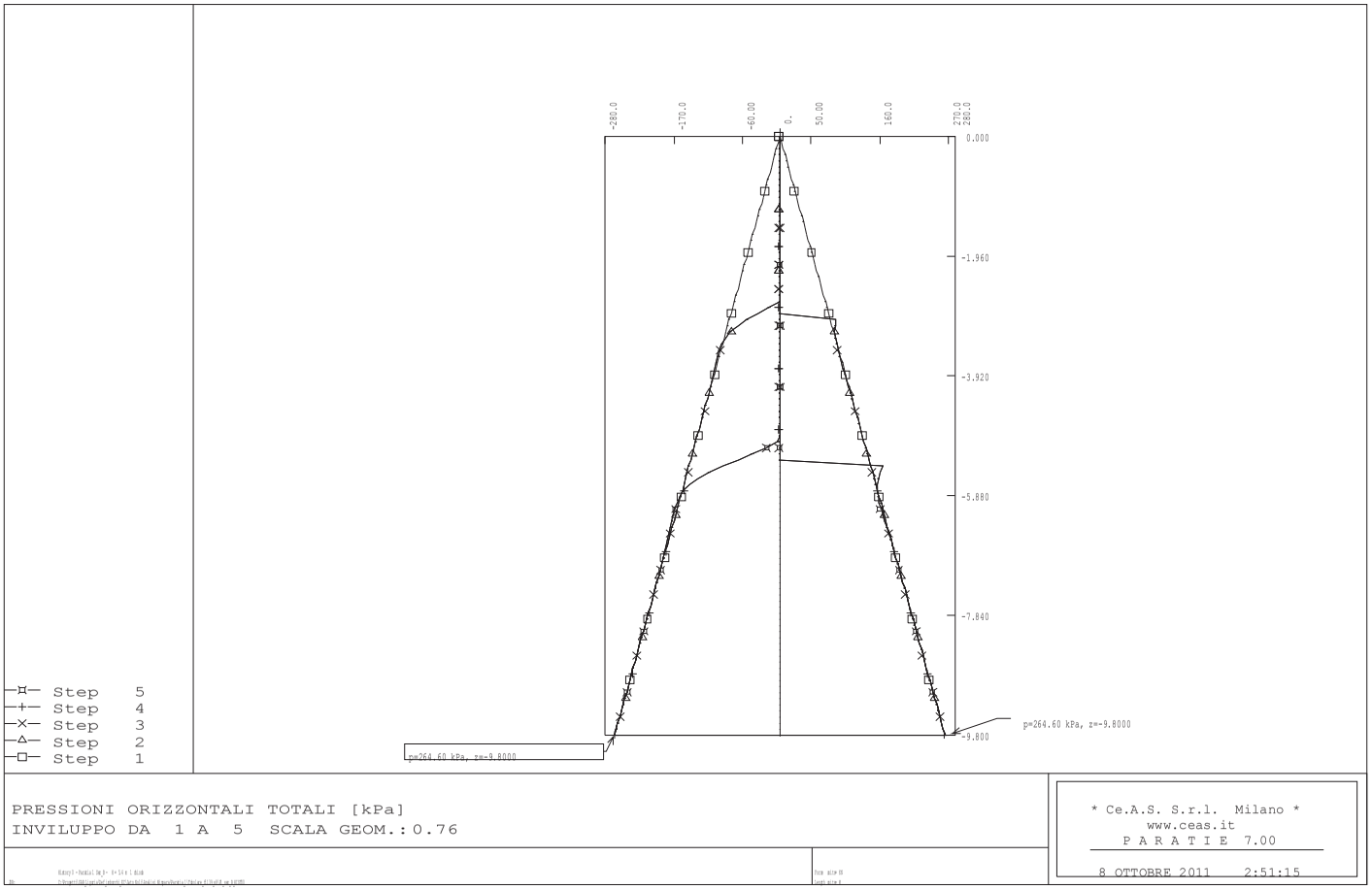
8 OTTOBRE 2011 2:51:15



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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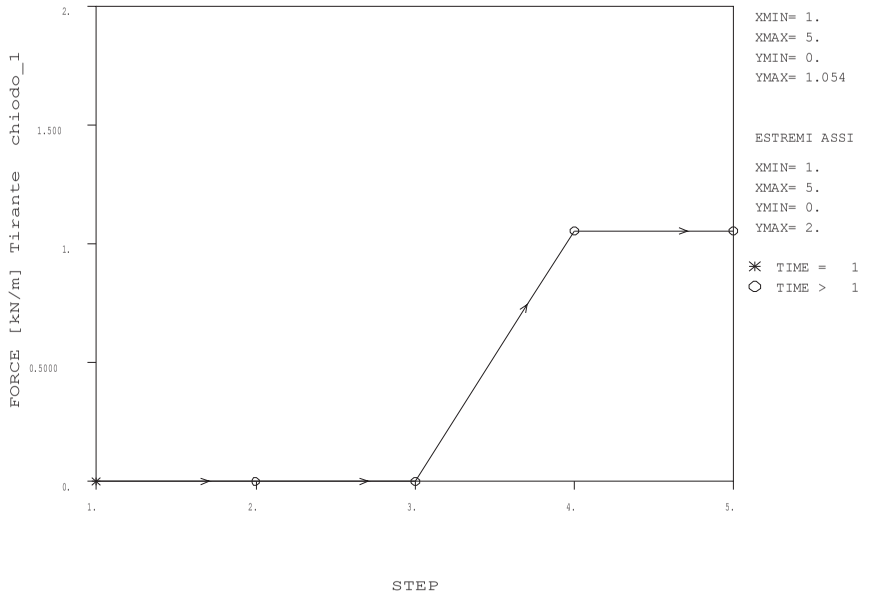
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.2696E-07
4.	1.054
5.	1.054



DAL PASSO 1 AL PASSO 5

DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice C

P1 - Sezione M – Tabulati di calcolo PARATIE

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:17:12

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_M   H = 8.8 m  2 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -12 0
  15: *
  16: soil UHLeft LeftWall -12 0 1 0
  17: soil DHLeft LeftWall -12 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -12 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -3.2 Acciaio_chiodi 0.000105 0 35
  25: wire chiodo_2 LeftWall -5.7 Acciaio_chiodi 0.000105 0 35
  26: *
  27: * Soil Profile
  28: *
  29:     ldata          1_ 0
  30:         weight     27 27 0
  31:         atrest     1 0 1 1
  32:         resistance 80 38 0.195942 9.11404
  33:         young      2E+006 3E+006
  34:     endlayer
  35: *
  36: step 1 :  geostatica
  37:     setwall LeftWall
  38:         geom 0 0
```

```
  N.  comando

  39: endstep
  40: *
  41: step 2 :  scavo a  quota -3.7 m+sovraccarico 30 kPa
  42:     setwall LeftWall
  43:         geom 0 -3.7
  44:         surcharge 30 0 0 0
  45: endstep
  46: *
  47: step 3 :  inserimento primo chiodo
  48:     setwall LeftWall
  49:         geom 0 -3.7
  50:         surcharge 30 0 0 0
  51:         add chiodo_1
  52: endstep
  53: *
  54: step 4 :  scavo a quota -6.2 m
  55:     setwall LeftWall
  56:         geom 0 -6.2
  57:         surcharge 30 0 0 0
  58: endstep
  59: *
  60: step 5 :  inserimento secondo chiodo
  61:     setwall LeftWall
  62:         geom 0 -6.2
  63:         surcharge 30 0 0 0
  64:         add chiodo_2
  65: endstep
  66: *
  67: step 6 :  scavo finale -8.8 m
  68:     setwall LeftWall
  69:         geom 0 -8.8
  70:         surcharge 30 0 0 0
  71: endstep
  72: *
  73: step 7 :  sisma kh=0.114
  74:     change 1_ U-KA=0.261
  75:     setwall LeftWall
  76:         geom 0 -8.8
  77:         surcharge 30 0 0 0
  78: endstep
  79: *
  80: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -12.000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.7000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 30.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -12.000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.7000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 30.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.2000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.2000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-12.00	UPHILL	0.
DHLeft	LeftWall	0.	-12.00	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-12.00	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.200	_	0.1050E-03	0.	35.00
chiodo_2	LeftWall	-5.700	_	0.1050E-03	0.	35.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	11	SI
3	2	SI
4	8	SI
5	2	SI
6	7	SI
7	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.58064598E-03	-0.14948423E-03
2	0.56569756E-03	-0.14948423E-03
3	0.55074913E-03	-0.14948423E-03
4	0.53580070E-03	-0.14948423E-03
5	0.52085228E-03	-0.14948423E-03
6	0.50590385E-03	-0.14948423E-03
7	0.49095543E-03	-0.14948423E-03
8	0.47600700E-03	-0.14948423E-03
9	0.46105857E-03	-0.14948423E-03
10	0.44611015E-03	-0.14948423E-03
11	0.43116172E-03	-0.14948423E-03
12	0.41621330E-03	-0.14948423E-03
13	0.40126487E-03	-0.14948423E-03
14	0.38631647E-03	-0.14948423E-03
15	0.37136805E-03	-0.14948423E-03
16	0.35641962E-03	-0.14948423E-03
17	0.34147120E-03	-0.14948423E-03
18	0.32652277E-03	-0.14948423E-03
19	0.31157435E-03	-0.14948423E-03
20	0.29662592E-03	-0.14948423E-03
21	0.28167749E-03	-0.14948423E-03
22	0.26672910E-03	-0.14948423E-03
23	0.25178067E-03	-0.14948423E-03
24	0.23683225E-03	-0.14948423E-03
25	0.22188382E-03	-0.14948423E-03
26	0.20693539E-03	-0.14948423E-03
27	0.19198697E-03	-0.14948423E-03
28	0.17703856E-03	-0.14948423E-03
29	0.16209013E-03	-0.14948423E-03
30	0.14714171E-03	-0.14948423E-03
31	0.13219328E-03	-0.14948423E-03
32	0.11724486E-03	-0.14948423E-03
33	0.10229644E-03	-0.14948423E-03
34	0.87348017E-04	-0.14948423E-03
35	0.72399591E-04	-0.14948423E-03
36	0.57457924E-04	-0.14928161E-03
37	0.42657579E-04	-0.14564983E-03
38	0.28737129E-04	-0.12974294E-03
39	0.17104783E-04	-0.10196223E-03
40	0.84109452E-05	-0.72193667E-04
41	0.25514066E-05	-0.45864410E-04
42	-0.95193110E-06	-0.25234980E-04
43	-0.26953851E-05	-0.10599424E-04

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.32479522E-05	-0.12479596E-05
45	-0.30837871E-05	0.39392075E-05
46	-0.25591548E-05	0.61550509E-05
47	-0.19163811E-05	0.64627670E-05
48	-0.13020976E-05	0.57055995E-05
49	-0.79059083E-06	0.44885433E-05
50	-0.40676048E-06	0.32003422E-05
51	-0.14567550E-06	0.20575474E-05
52	0.12750599E-07	0.11548003E-05
53	0.93847909E-07	0.50895358E-06
54	0.12222330E-06	0.93566179E-07
55	0.11867854E-06	-0.13829927E-06
56	0.98936461E-07	-0.23897408E-06
57	0.73680994E-07	-0.25573092E-06
58	0.49337611E-07	-0.22606767E-06
59	0.29125692E-07	-0.17665745E-06
60	0.14100858E-07	-0.12440506E-06
61	0.40326187E-08	-0.78514454E-07
62	-0.19393147E-08	-0.42742315E-07
63	-0.48667159E-08	-0.17496321E-07
64	-0.57461369E-08	-0.14770725E-08
65	-0.54030354E-08	0.73150148E-08
66	-0.44540185E-08	0.10980576E-07
67	-0.33158984E-08	0.11376795E-07
68	-0.22388393E-08	0.99676161E-08
69	-0.13477978E-08	0.77957649E-08
70	-0.68294526E-09	0.55261449E-08
71	-0.23355909E-09	0.35268157E-08
72	0.36710454E-10	0.19562643E-08
73	0.17282904E-09	0.83977114E-09
74	0.21814596E-09	0.12771624E-09
75	0.20902251E-09	-0.26483218E-09
76	0.17273659E-09	-0.43066828E-09
77	0.12768159E-09	-0.45272197E-09
78	0.84809618E-10	-0.39625328E-09
79	0.49513178E-10	-0.30731731E-09
80	0.23464132E-10	-0.21484191E-09
81	0.61441108E-11	-0.13438706E-09
82	-0.40193226E-11	-0.72113496E-10
83	-0.88997204E-11	-0.28473907E-10
84	-0.10254101E-10	-0.10342040E-11
85	-0.95262635E-11	0.13814422E-10
86	-0.77866906E-11	0.19798822E-10
87	-0.57532416E-11	0.20180959E-10
88	-0.38522046E-11	0.17511917E-10
89	-0.22925095E-11	0.13593335E-10

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11372525E-11	0.95632998E-11
91	-0.36279036E-12	0.60450395E-11
92	0.97530416E-13	0.33000300E-11
93	0.32417650E-12	0.13638469E-11
94	0.39414338E-12	0.14297142E-12
95	0.37141302E-12	-0.51863770E-12
96	0.30351465E-12	-0.78728294E-12
97	0.22216805E-12	-0.80957935E-12
98	0.14600571E-12	-0.69966754E-12
99	0.83983656E-13	-0.53728235E-12
100	0.38647047E-13	-0.37196288E-12
101	0.88159308E-14	-0.22989794E-12
102	-0.84380897E-14	-0.12099940E-12
103	-0.16494342E-13	-0.45412641E-13
104	-0.18474426E-13	0.15598980E-14
105	-0.16916552E-13	0.26506751E-13
106	-0.13684995E-13	0.36096004E-13
107	-0.10017082E-13	0.36093344E-13
108	-0.66373514E-14	0.30959932E-13
109	-0.38921685E-14	0.23814330E-13
110	-0.18765278E-14	0.16607455E-13
111	-0.53767296E-15	0.10390714E-13
112	0.24873255E-15	0.55874998E-14
113	0.62804624E-15	0.22308633E-14
114	0.73677520E-15	0.13032653E-15
115	0.68609838E-15	-0.10106054E-14
116	0.55633754E-15	-0.15010356E-14
117	0.39857704E-15	-0.16108922E-14
118	0.23993537E-15	-0.15474604E-14
119	0.90256257E-16	-0.14488893E-14
120	-0.51031846E-16	-0.13859986E-14
121	-0.18844793E-15	-0.13682419E-14

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.58064598E-03	-0.14948423E-03
2	0.56569756E-03	-0.14948423E-03
3	0.55074913E-03	-0.14948423E-03
4	0.53580070E-03	-0.14948423E-03
5	0.52085228E-03	-0.14948423E-03
6	0.50590385E-03	-0.14948423E-03
7	0.49095543E-03	-0.14948423E-03
8	0.47600700E-03	-0.14948423E-03
9	0.46105857E-03	-0.14948423E-03
10	0.44611015E-03	-0.14948423E-03
11	0.43116172E-03	-0.14948423E-03
12	0.41621330E-03	-0.14948423E-03
13	0.40126487E-03	-0.14948423E-03
14	0.38631647E-03	-0.14948423E-03
15	0.37136805E-03	-0.14948423E-03
16	0.35641962E-03	-0.14948423E-03
17	0.34147120E-03	-0.14948423E-03
18	0.32652277E-03	-0.14948423E-03
19	0.31157435E-03	-0.14948423E-03
20	0.29662592E-03	-0.14948423E-03
21	0.28167749E-03	-0.14948423E-03
22	0.26672910E-03	-0.14948423E-03
23	0.25178067E-03	-0.14948421E-03
24	0.23683225E-03	-0.14948421E-03
25	0.22188382E-03	-0.14948421E-03
26	0.20693539E-03	-0.14948421E-03
27	0.19198697E-03	-0.14948421E-03
28	0.17703856E-03	-0.14948421E-03
29	0.16209013E-03	-0.14948421E-03
30	0.14714171E-03	-0.14948421E-03
31	0.13219328E-03	-0.14948423E-03
32	0.11724486E-03	-0.14948423E-03
33	0.10229644E-03	-0.14948423E-03
34	0.87348017E-04	-0.14948423E-03
35	0.72399598E-04	-0.14948423E-03
36	0.57457924E-04	-0.14928162E-03
37	0.42657575E-04	-0.14564984E-03
38	0.28737128E-04	-0.12974296E-03
39	0.17104780E-04	-0.10196226E-03
40	0.84109379E-05	-0.72193689E-04
41	0.25513973E-05	-0.45864432E-04
42	-0.95194224E-06	-0.25234993E-04
43	-0.26953965E-05	-0.10599412E-04

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.32479606E-05	-0.12479079E-05
45	-0.30837873E-05	0.39393203E-05
46	-0.25591398E-05	0.61552473E-05
47	-0.19163415E-05	0.64630658E-05
48	-0.13020227E-05	0.57060060E-05
49	-0.79047061E-06	0.44890353E-05
50	-0.40658946E-06	0.32008495E-05
51	-0.14545849E-06	0.20579294E-05
52	0.12990172E-07	0.11548216E-05
53	0.94068959E-07	0.50860757E-06
54	0.12240122E-06	0.93079628E-07
55	0.11880695E-06	-0.13878625E-06
56	0.99019445E-07	-0.23938790E-06
57	0.73727563E-07	-0.25604393E-06
58	0.49357983E-07	-0.22628035E-06
59	0.29129204E-07	-0.17678538E-06
60	0.14094932E-07	-0.12446961E-06
61	0.40225290E-08	-0.78536416E-07
62	-0.19501956E-08	-0.42738581E-07
63	-0.48764717E-08	-0.17479278E-07
64	-0.57538929E-08	-0.14552225E-08
65	-0.54085949E-08	0.73364745E-08
66	-0.44575721E-08	0.10998956E-07
67	-0.33178142E-08	0.11391122E-07
68	-0.22395257E-08	0.99779474E-08
69	-0.13476277E-08	0.78026865E-08
70	-0.68222356E-09	0.55303677E-08
71	-0.23252798E-09	0.35288341E-08
72	0.37838063E-10	0.19561455E-08
73	0.17385410E-09	0.83804691E-09
74	0.21896286E-09	0.12541099E-09
75	0.20960732E-09	-0.26709435E-09
76	0.17311173E-09	-0.43256770E-09
77	0.12789023E-09	-0.45414753E-09
78	0.84899254E-10	-0.39721645E-09
79	0.49526702E-10	-0.30789252E-09
80	0.23435417E-10	-0.21512864E-09
81	0.60970968E-11	-0.13448113E-09
82	-0.40694323E-11	-0.72092311E-10
83	-0.89443817E-11	-0.28393973E-10
84	-0.10289511E-10	-0.93416193E-12
85	-0.95517023E-11	0.13911009E-10
86	-0.78031869E-11	0.19879858E-10
87	-0.57626126E-11	0.20242251E-10
88	-0.38564312E-11	0.17553814E-10
89	-0.22934070E-11	0.13618664E-10

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11362775E-11	0.95761333E-11
91	-0.36098595E-12	0.60494292E-11
92	0.99495892E-13	0.32993515E-11
93	0.32592890E-12	0.13606105E-11
94	0.39551833E-12	0.13887932E-12
95	0.37238108E-12	-0.52256257E-12
96	0.30412175E-12	-0.79052655E-12
97	0.22249311E-12	-0.81197001E-12
98	0.14613338E-12	-0.70124446E-12
99	0.83988358E-13	-0.53819487E-12
100	0.38586156E-13	-0.37239263E-12
101	0.87290836E-14	-0.23001287E-12
102	-0.85263607E-14	-0.12093144E-12
103	-0.16570738E-13	-0.45256018E-13
104	-0.18533477E-13	0.17419914E-14
105	-0.16957784E-13	0.26676644E-13
106	-0.13710694E-13	0.36234921E-13
107	-0.10030735E-13	0.36195124E-13
108	-0.66426280E-14	0.31026580E-13
109	-0.38922727E-14	0.23852446E-13
110	-0.18739172E-14	0.16624951E-13
111	-0.53403458E-15	0.10394884E-13
112	0.25236955E-15	0.55841176E-14
113	0.63114511E-15	0.22240364E-14
114	0.73913498E-15	0.12269978E-15
115	0.68772040E-15	-0.10175771E-14
116	0.55732248E-15	-0.15067663E-14
117	0.39905424E-15	-0.16153422E-14
118	0.24002169E-15	-0.15508890E-14
119	0.90034957E-16	-0.14516805E-14
120	-0.51515432E-16	-0.13885027E-14
121	-0.18917732E-15	-0.13706770E-14

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.58402726E-03	-0.15195072E-03
2	0.56883221E-03	-0.15195072E-03
3	0.55363710E-03	-0.15195072E-03
4	0.53844205E-03	-0.15195072E-03
5	0.52324700E-03	-0.15195072E-03
6	0.50805189E-03	-0.15195072E-03
7	0.49285684E-03	-0.15195072E-03
8	0.47766176E-03	-0.15195072E-03
9	0.46246668E-03	-0.15195072E-03
10	0.44727160E-03	-0.15195072E-03
11	0.43207654E-03	-0.15195072E-03
12	0.41688120E-03	-0.15195840E-03
13	0.40168464E-03	-0.15197262E-03
14	0.38648763E-03	-0.15195867E-03
15	0.37129654E-03	-0.15183522E-03
16	0.35612879E-03	-0.15146536E-03
17	0.34101776E-03	-0.15066673E-03
18	0.32601677E-03	-0.14922825E-03
19	0.31120054E-03	-0.14693709E-03
20	0.29666355E-03	-0.14362026E-03
21	0.28251312E-03	-0.13920470E-03
22	0.26885932E-03	-0.13368772E-03
23	0.25581228E-03	-0.12706929E-03
24	0.24348218E-03	-0.11934944E-03
25	0.23197912E-03	-0.11052815E-03
26	0.22141325E-03	-0.10060542E-03
27	0.21189475E-03	-0.89581270E-04
28	0.20353372E-03	-0.77455683E-04
29	0.19644032E-03	-0.64228654E-04
30	0.19072471E-03	-0.49900202E-04
31	0.18649700E-03	-0.34470311E-04
32	0.18386735E-03	-0.17938988E-04
33	0.18294592E-03	-0.30623156E-06
34	0.18379021E-03	0.16849557E-04
35	0.18624731E-03	0.31949978E-04
36	0.19011169E-03	0.44995028E-04
37	0.19517781E-03	0.55984710E-04
38	0.20124012E-03	0.64919026E-04
39	0.20809310E-03	0.71797971E-04
40	0.21553121E-03	0.76621545E-04
41	0.22334889E-03	0.79389756E-04
42	0.23134064E-03	0.80102589E-04
43	0.23930091E-03	0.78760058E-04

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24702415E-03	0.75362157E-04
45	0.25430482E-03	0.69908892E-04
46	0.26093741E-03	0.62400257E-04
47	0.26671635E-03	0.52836251E-04
48	0.27143615E-03	0.41216874E-04
49	0.27489124E-03	0.27542130E-04
50	0.27687606E-03	0.11812018E-04
51	0.27718511E-03	-0.59734630E-05
52	0.27561287E-03	-0.25814314E-04
53	0.27195373E-03	-0.47710531E-04
54	0.26600223E-03	-0.71662122E-04
55	0.25755281E-03	-0.97669079E-04
56	0.24639990E-03	-0.12573140E-03
57	0.23233802E-03	-0.15584909E-03
58	0.21516158E-03	-0.18802215E-03
59	0.19466507E-03	-0.22225059E-03
60	0.17067343E-03	-0.25761969E-03
61	0.14325736E-03	-0.28950200E-03
62	0.11324165E-03	-0.30732588E-03
63	0.82831721E-04	-0.29396365E-03
64	0.55458015E-04	-0.25032868E-03
65	0.33153556E-04	-0.19506655E-03
66	0.16435424E-04	-0.14008285E-03
67	0.49068453E-05	-0.92003371E-04
68	-0.22891979E-05	-0.53642321E-04
69	-0.61575870E-05	-0.25360308E-04
70	-0.76640354E-05	-0.61615792E-05
71	-0.76383758E-05	0.55829651E-05
72	-0.67357973E-05	0.11676866E-04
73	-0.54348875E-05	0.13814217E-04
74	-0.40570267E-05	0.13429393E-04
75	-0.27957931E-05	0.11641036E-04
76	-0.17487303E-05	0.92553519E-05
77	-0.94690108E-06	0.68043214E-05
78	-0.37960427E-06	0.46011414E-05
79	-0.13342582E-07	0.27978692E-05
80	0.19472536E-06	0.14372713E-05
81	0.28799124E-06	0.49306010E-06
82	0.30504347E-06	-0.99968013E-07
83	0.27703365E-06	-0.42191550E-06
84	0.22707567E-06	-0.55140396E-06
85	0.17089849E-06	-0.55652350E-06
86	0.11812534E-06	-0.49101226E-06
87	0.73750925E-07	-0.39385426E-06
88	0.39548244E-07	-0.29088338E-06
89	0.15260799E-07	-0.19731611E-06

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.47263160E-09	-0.12047850E-06
91	-0.94576160E-08	-0.62322329E-07
92	-0.13520172E-07	-0.21658391E-07
93	-0.14282099E-07	0.42213966E-08
94	-0.13059476E-07	0.18593669E-07
95	-0.10839538E-07	0.24680755E-07
96	-0.83056113E-08	0.25299258E-07
97	-0.58868084E-08	0.22704102E-07
98	-0.38162962E-08	0.18563805E-07
99	-0.21876227E-08	0.14016254E-07
100	-0.10032193E-08	0.97634807E-08
101	-0.21271797E-09	0.61769656E-08
102	0.25903754E-09	0.33963625E-08
103	0.49303195E-09	0.14100817E-08
104	0.56414518E-09	0.11654064E-09
105	0.53467164E-09	-0.62705402E-09
106	0.45211893E-09	-0.96911268E-09
107	0.34979286E-09	-0.10428586E-08
108	0.24888491E-09	-0.95647379E-09
109	0.16114561E-09	-0.79066415E-09
110	0.91558691E-10	-0.60065636E-09
111	0.40687859E-10	-0.42044301E-09
112	0.65521139E-11	-0.26776892E-09
113	-0.13993492E-10	-0.14892187E-09
114	-0.24333018E-10	-0.63097590E-10
115	-0.27563205E-10	-0.57791337E-11
116	-0.26235167E-10	0.29149700E-10
117	-0.22268239E-10	0.48029296E-10
118	-0.16973737E-10	0.56576022E-10
119	-0.11143338E-10	0.59413668E-10
120	-0.51710355E-11	0.59850340E-10
121	0.81035032E-12	0.59795613E-10

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.58402604E-03	-0.15190040E-03
2	0.56883600E-03	-0.15190034E-03
3	0.55364595E-03	-0.15190053E-03
4	0.53845585E-03	-0.15190228E-03
5	0.52326539E-03	-0.15190647E-03
6	0.50807447E-03	-0.15191310E-03
7	0.49288268E-03	-0.15192218E-03
8	0.47768993E-03	-0.15193371E-03
9	0.46249590E-03	-0.15194768E-03
10	0.44730032E-03	-0.15196408E-03
11	0.43210300E-03	-0.15198294E-03
12	0.41690364E-03	-0.15200424E-03
13	0.40170227E-03	-0.15202143E-03
14	0.38650053E-03	-0.15200389E-03
15	0.37130527E-03	-0.15187341E-03
16	0.35613409E-03	-0.15149526E-03
17	0.34102050E-03	-0.15068850E-03
18	0.32601770E-03	-0.14924287E-03
19	0.31120030E-03	-0.14694594E-03
20	0.29666265E-03	-0.14362475E-03
21	0.28251193E-03	-0.13920615E-03
22	0.26885810E-03	-0.13368722E-03
23	0.25581117E-03	-0.12706770E-03
24	0.24348125E-03	-0.11934737E-03
25	0.23197840E-03	-0.11052602E-03
26	0.22141275E-03	-0.10060347E-03
27	0.21189441E-03	-0.89579597E-04
28	0.20353355E-03	-0.77454330E-04
29	0.19644026E-03	-0.64227599E-04
30	0.19072474E-03	-0.49899398E-04
31	0.18649710E-03	-0.34469707E-04
32	0.18386751E-03	-0.17938553E-04
33	0.18294611E-03	-0.30594259E-06
34	0.18379043E-03	0.16849721E-04
35	0.18624755E-03	0.31950032E-04
36	0.19011192E-03	0.44994988E-04
37	0.19517803E-03	0.55984594E-04
38	0.20124033E-03	0.64918844E-04
39	0.20809329E-03	0.71797745E-04
40	0.21553137E-03	0.76621291E-04
41	0.22334902E-03	0.79389480E-04
42	0.23134075E-03	0.80102320E-04
43	0.23930098E-03	0.78759811E-04

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24702420E-03	0.75361939E-04
45	0.25430485E-03	0.69908718E-04
46	0.26093744E-03	0.62400126E-04
47	0.26671638E-03	0.52836156E-04
48	0.27143615E-03	0.41216816E-04
49	0.27489121E-03	0.27542099E-04
50	0.27687606E-03	0.11812005E-04
51	0.27718511E-03	-0.59734643E-05
52	0.27561284E-03	-0.25814308E-04
53	0.27195373E-03	-0.47710524E-04
54	0.26600223E-03	-0.71662107E-04
55	0.25755281E-03	-0.97669064E-04
56	0.24639990E-03	-0.12573140E-03
57	0.23233802E-03	-0.15584909E-03
58	0.21516158E-03	-0.18802215E-03
59	0.19466507E-03	-0.22225059E-03
60	0.17067343E-03	-0.25761969E-03
61	0.14325736E-03	-0.28950197E-03
62	0.11324165E-03	-0.30732588E-03
63	0.82831721E-04	-0.29396365E-03
64	0.55458015E-04	-0.25032868E-03
65	0.33153556E-04	-0.19506655E-03
66	0.16435424E-04	-0.14008285E-03
67	0.49068453E-05	-0.92003371E-04
68	-0.22891979E-05	-0.53642321E-04
69	-0.61575870E-05	-0.25360308E-04
70	-0.76640354E-05	-0.61615797E-05
71	-0.76383758E-05	0.55829646E-05
72	-0.67357978E-05	0.11676866E-04
73	-0.54348875E-05	0.13814217E-04
74	-0.40570267E-05	0.13429394E-04
75	-0.27957933E-05	0.11641037E-04
76	-0.17487304E-05	0.92553519E-05
77	-0.94690120E-06	0.68043219E-05
78	-0.37960433E-06	0.46011414E-05
79	-0.13342613E-07	0.27978695E-05
80	0.19472535E-06	0.14372714E-05
81	0.28799124E-06	0.49306021E-06
82	0.30504350E-06	-0.99967970E-07
83	0.27703365E-06	-0.42191550E-06
84	0.22707569E-06	-0.55140396E-06
85	0.17089850E-06	-0.55652350E-06
86	0.11812534E-06	-0.49101232E-06
87	0.73750932E-07	-0.39385429E-06
88	0.39548247E-07	-0.29088338E-06
89	0.15260801E-07	-0.19731613E-06

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.47263071E-09	-0.12047852E-06
91	-0.94576160E-08	-0.62322336E-07
92	-0.13520173E-07	-0.21658394E-07
93	-0.14282100E-07	0.42213943E-08
94	-0.13059477E-07	0.18593669E-07
95	-0.10839539E-07	0.24680755E-07
96	-0.83056122E-08	0.25299258E-07
97	-0.58868093E-08	0.22704103E-07
98	-0.38162966E-08	0.18563806E-07
99	-0.21876230E-08	0.14016255E-07
100	-0.10032195E-08	0.97634816E-08
101	-0.21271805E-09	0.61769665E-08
102	0.25903751E-09	0.33963630E-08
103	0.49303195E-09	0.14100819E-08
104	0.56414523E-09	0.11654076E-09
105	0.53467170E-09	-0.62705402E-09
106	0.45211895E-09	-0.96911268E-09
107	0.34979289E-09	-0.10428586E-08
108	0.24888494E-09	-0.95647379E-09
109	0.16114562E-09	-0.79066420E-09
110	0.91558698E-10	-0.60065641E-09
111	0.40687866E-10	-0.42044304E-09
112	0.65521165E-11	-0.26776895E-09
113	-0.13993492E-10	-0.14892189E-09
114	-0.24333020E-10	-0.63097597E-10
115	-0.27563207E-10	-0.57791372E-11
116	-0.26235169E-10	0.29149700E-10
117	-0.22268241E-10	0.48029299E-10
118	-0.16973738E-10	0.56576025E-10
119	-0.11143339E-10	0.59413668E-10
120	-0.51710359E-11	0.59850347E-10
121	0.81035021E-12	0.59795620E-10

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.58430946E-03	-0.15219435E-03
2	0.56909001E-03	-0.15219435E-03
3	0.55387057E-03	-0.15219435E-03
4	0.53865113E-03	-0.15219435E-03
5	0.52343169E-03	-0.15219484E-03
6	0.50821214E-03	-0.15219643E-03
7	0.49299235E-03	-0.15219898E-03
8	0.47777232E-03	-0.15220158E-03
9	0.46255210E-03	-0.15220251E-03
10	0.44733199E-03	-0.15219917E-03
11	0.43211255E-03	-0.15218789E-03
12	0.41689482E-03	-0.15216372E-03
13	0.40168056E-03	-0.15211636E-03
14	0.38647346E-03	-0.15201214E-03
15	0.37128280E-03	-0.15176782E-03
16	0.35612923E-03	-0.15124369E-03
17	0.34104954E-03	-0.15025600E-03
18	0.32610039E-03	-0.14859696E-03
19	0.31135921E-03	-0.14606547E-03
20	0.29692132E-03	-0.14251319E-03
21	0.28289240E-03	-0.13788592E-03
22	0.26937999E-03	-0.13218363E-03
23	0.25649150E-03	-0.12540637E-03
24	0.24433454E-03	-0.11755409E-03
25	0.23301644E-03	-0.10862974E-03
26	0.22264414E-03	-0.98638666E-04
27	0.21332411E-03	-0.87585402E-04
28	0.20516233E-03	-0.75474025E-04
29	0.19826445E-03	-0.62308485E-04
30	0.19273564E-03	-0.48092908E-04
31	0.18868071E-03	-0.32831722E-04
32	0.18620399E-03	-0.16529590E-04
33	0.18540934E-03	0.80900821E-06
34	0.18634601E-03	0.17553988E-04
35	0.18884610E-03	0.32077602E-04
36	0.19268758E-03	0.44382949E-04
37	0.19764907E-03	0.54479860E-04
38	0.20351060E-03	0.62387931E-04
39	0.21005479E-03	0.68139823E-04
40	0.21706833E-03	0.71784561E-04
41	0.22434372E-03	0.73389936E-04
42	0.23168125E-03	0.73043251E-04
43	0.23889214E-03	0.70889728E-04

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24580731E-03	0.67179855E-04
45	0.25228821E-03	0.62273073E-04
46	0.25823704E-03	0.56619658E-04
47	0.26360457E-03	0.50738796E-04
48	0.26839692E-03	0.45221594E-04
49	0.27268185E-03	0.40693623E-04
50	0.27658642E-03	0.37688678E-04
51	0.28027882E-03	0.36460911E-04
52	0.28393880E-03	0.37039779E-04
53	0.28774701E-03	0.39425282E-04
54	0.29188409E-03	0.43617423E-04
55	0.29653072E-03	0.49616196E-04
56	0.30186755E-03	0.57421606E-04
57	0.30807525E-03	0.67033652E-04
58	0.31533450E-03	0.78452336E-04
59	0.32376059E-03	0.89717156E-04
60	0.33320746E-03	0.98867618E-04
61	0.34346365E-03	0.10590372E-03
62	0.35431772E-03	0.11082547E-03
63	0.36555825E-03	0.11363285E-03
64	0.37697383E-03	0.11432588E-03
65	0.38835296E-03	0.11290454E-03
66	0.39948424E-03	0.10936886E-03
67	0.41015624E-03	0.10371880E-03
68	0.42015754E-03	0.95954398E-04
69	0.42927664E-03	0.86075634E-04
70	0.43730217E-03	0.74082513E-04
71	0.44402268E-03	0.59975027E-04
72	0.44922670E-03	0.43753189E-04
73	0.45270284E-03	0.25416988E-04
74	0.45423961E-03	0.49664309E-05
75	0.45362563E-03	-0.17598486E-04
76	0.45064944E-03	-0.42277759E-04
77	0.44509961E-03	-0.69071393E-04
78	0.43676468E-03	-0.97979384E-04
79	0.42543325E-03	-0.12900174E-03
80	0.41089387E-03	-0.16213844E-03
81	0.39293509E-03	-0.19738951E-03
82	0.37134546E-03	-0.23475495E-03
83	0.34591361E-03	-0.27423471E-03
84	0.31642805E-03	-0.31582886E-03
85	0.28267736E-03	-0.35953737E-03
86	0.24449182E-03	-0.40410896E-03
87	0.20205158E-03	-0.44280043E-03
88	0.15664964E-03	-0.45995455E-03
89	0.11162209E-03	-0.43026605E-03

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.72059716E-04	-0.35667894E-03
91	0.40759700E-04	-0.26888977E-03
92	0.18150800E-04	-0.18502935E-03
93	0.33104238E-05	-0.11447110E-03
94	-0.52974310E-05	-0.60533228E-04
95	-0.93376930E-05	-0.22839491E-04
96	-0.10329498E-04	0.92918140E-06
97	-0.95121268E-05	0.13889753E-04
98	-0.78069897E-05	0.19187044E-04
99	-0.58386568E-05	0.19566172E-04
100	-0.39855972E-05	0.17190061E-04
101	-0.24406584E-05	0.13613533E-04
102	-0.12691486E-05	0.98492583E-05
103	-0.45770142E-06	0.64781434E-05
104	0.48488957E-07	0.37672935E-05
105	0.31979798E-06	0.17776640E-05
106	0.42604884E-06	0.44884717E-06
107	0.42756324E-06	-0.34009497E-06
108	0.37141166E-06	-0.72758309E-06
109	0.29110959E-06	-0.84318219E-06
110	0.20825688E-06	-0.79433164E-06
111	0.13502773E-06	-0.66194627E-06
112	0.76802195E-07	-0.50152374E-06
113	0.34519548E-07	-0.34720449E-06
114	0.65625998E-08	-0.21684609E-06
115	-0.98650919E-08	-0.11695030E-06
116	-0.17823877E-07	-0.46947054E-07
117	-0.20104681E-07	-0.24491440E-08
118	-0.18963529E-07	0.22554090E-07
119	-0.16037296E-07	0.34254345E-07
120	-0.12371347E-07	0.38194010E-07
121	-0.85076852E-08	0.38857916E-07

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.58432814E-03	-0.15222489E-03
2	0.56910561E-03	-0.15222489E-03
3	0.55388315E-03	-0.15222489E-03
4	0.53866068E-03	-0.15222489E-03
5	0.52343815E-03	-0.15222489E-03
6	0.50821569E-03	-0.15222489E-03
7	0.49299316E-03	-0.15222501E-03
8	0.47777069E-03	-0.15222475E-03
9	0.46254831E-03	-0.15222233E-03
10	0.44732640E-03	-0.15221458E-03
11	0.43210573E-03	-0.15219688E-03
12	0.41688757E-03	-0.15216303E-03
13	0.40167404E-03	-0.15210129E-03
14	0.38646942E-03	-0.15197658E-03
15	0.37128365E-03	-0.15170460E-03
16	0.35613807E-03	-0.15114529E-03
17	0.34107026E-03	-0.15011590E-03
18	0.32613738E-03	-0.14841164E-03
19	0.31141692E-03	-0.14583730E-03
20	0.29700354E-03	-0.14225414E-03
21	0.28300134E-03	-0.13761384E-03
22	0.26951602E-03	-0.13191639E-03
23	0.25665329E-03	-0.12516179E-03
24	0.24451889E-03	-0.11735004E-03
25	0.23321852E-03	-0.10848116E-03
26	0.22285790E-03	-0.98555123E-04
27	0.21354273E-03	-0.87571942E-04
28	0.20537875E-03	-0.75531621E-04
29	0.19847165E-03	-0.62434148E-04
30	0.19292715E-03	-0.48279529E-04
31	0.18885099E-03	-0.33067769E-04
32	0.18634884E-03	-0.16798862E-04
33	0.18552646E-03	0.52719128E-06
34	0.18643522E-03	0.17281485E-04
35	0.18890940E-03	0.31835112E-04
36	0.19272877E-03	0.44184526E-04
37	0.19767279E-03	0.54328924E-04
38	0.20352149E-03	0.62281302E-04
39	0.21005695E-03	0.68070811E-04
40	0.21706514E-03	0.71745133E-04
41	0.22433774E-03	0.73372161E-04
42	0.23167428E-03	0.73040137E-04
43	0.23888536E-03	0.70895599E-04

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24580138E-03	0.67190434E-04
45	0.25228344E-03	0.62285377E-04
46	0.25823349E-03	0.56631779E-04
47	0.26360218E-03	0.50749684E-04
48	0.26839555E-03	0.45230798E-04
49	0.27268133E-03	0.40701078E-04
50	0.27658654E-03	0.37694506E-04
51	0.28027946E-03	0.36465281E-04
52	0.28393982E-03	0.37042850E-04
53	0.28774826E-03	0.39427210E-04
54	0.29188549E-03	0.43618362E-04
55	0.29653215E-03	0.49616308E-04
56	0.30186897E-03	0.57421046E-04
57	0.30807659E-03	0.67032575E-04
58	0.31533572E-03	0.78450896E-04
59	0.32376166E-03	0.89715490E-04
60	0.33320833E-03	0.98865836E-04
61	0.34346434E-03	0.10590193E-03
62	0.35431824E-03	0.11082378E-03
63	0.36555863E-03	0.11363138E-03
64	0.37697406E-03	0.11432469E-03
65	0.38835307E-03	0.11290365E-03
66	0.39948430E-03	0.10936824E-03
67	0.41015624E-03	0.10371841E-03
68	0.42015751E-03	0.95954179E-04
69	0.42927661E-03	0.86075539E-04
70	0.43730214E-03	0.74082498E-04
71	0.44402262E-03	0.59975060E-04
72	0.44922665E-03	0.43753240E-04
73	0.45270281E-03	0.25417046E-04
74	0.45423958E-03	0.49664845E-05
75	0.45362560E-03	-0.17598439E-04
76	0.45064942E-03	-0.42277719E-04
77	0.44509958E-03	-0.69071357E-04
78	0.43676468E-03	-0.97979355E-04
79	0.42543325E-03	-0.12900171E-03
80	0.41089384E-03	-0.16213843E-03
81	0.39293506E-03	-0.19738950E-03
82	0.37134546E-03	-0.23475493E-03
83	0.34591361E-03	-0.27423471E-03
84	0.31642805E-03	-0.31582886E-03
85	0.28267736E-03	-0.35953737E-03
86	0.24449182E-03	-0.40410896E-03
87	0.20205158E-03	-0.44280043E-03
88	0.15664964E-03	-0.45995455E-03
89	0.11162209E-03	-0.43026605E-03

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.72059716E-04	-0.35667894E-03
91	0.40759700E-04	-0.26888977E-03
92	0.18150800E-04	-0.18502935E-03
93	0.33104238E-05	-0.11447110E-03
94	-0.52974310E-05	-0.60533232E-04
95	-0.93376930E-05	-0.22839491E-04
96	-0.10329498E-04	0.92918123E-06
97	-0.95121268E-05	0.13889753E-04
98	-0.78069897E-05	0.19187044E-04
99	-0.58386568E-05	0.19566172E-04
100	-0.39855972E-05	0.17190061E-04
101	-0.24406584E-05	0.13613533E-04
102	-0.12691486E-05	0.98492583E-05
103	-0.45770142E-06	0.64781439E-05
104	0.48488953E-07	0.37672935E-05
105	0.31979798E-06	0.17776640E-05
106	0.42604884E-06	0.44884720E-06
107	0.42756324E-06	-0.34009494E-06
108	0.37141166E-06	-0.72758309E-06
109	0.29110959E-06	-0.84318219E-06
110	0.20825688E-06	-0.79433164E-06
111	0.13502773E-06	-0.66194627E-06
112	0.76802195E-07	-0.50152374E-06
113	0.34519548E-07	-0.34720449E-06
114	0.65626002E-08	-0.21684609E-06
115	-0.98650919E-08	-0.11695030E-06
116	-0.17823877E-07	-0.46947054E-07
117	-0.20104681E-07	-0.24491442E-08
118	-0.18963529E-07	0.22554090E-07
119	-0.16037296E-07	0.34254345E-07
120	-0.12371347E-07	0.38194010E-07
121	-0.85076852E-08	0.38857916E-07

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.58433E-03	7
2	-0.10000	0.56911E-03	7
3	-0.20000	0.55388E-03	7
4	-0.30000	0.53866E-03	7
5	-0.40000	0.52344E-03	7
6	-0.50000	0.50822E-03	7
7	-0.60000	0.49299E-03	7
8	-0.70000	0.47777E-03	6
9	-0.80000	0.46255E-03	6
10	-0.90000	0.44733E-03	6
11	-1.0000	0.43211E-03	6
12	-1.1000	0.41690E-03	5
13	-1.2000	0.40170E-03	5
14	-1.3000	0.38650E-03	5
15	-1.4000	0.37137E-03	3
16	-1.5000	0.35642E-03	3
17	-1.6000	0.34147E-03	3
18	-1.7000	0.32652E-03	3
19	-1.8000	0.31157E-03	3
20	-1.9000	0.29700E-03	7
21	-2.0000	0.28300E-03	7
22	-2.1000	0.26952E-03	7
23	-2.2000	0.25665E-03	7
24	-2.3000	0.24452E-03	7
25	-2.4000	0.23322E-03	7
26	-2.5000	0.22286E-03	7
27	-2.6000	0.21354E-03	7
28	-2.7000	0.20538E-03	7
29	-2.8000	0.19847E-03	7
30	-2.9000	0.19293E-03	7
31	-3.0000	0.18885E-03	7
32	-3.1000	0.18635E-03	7
33	-3.2000	0.18553E-03	7
34	-3.3000	0.18644E-03	7
35	-3.4000	0.18891E-03	7
36	-3.5000	0.19273E-03	7
37	-3.6000	0.19767E-03	7
38	-3.7000	0.20352E-03	7

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.21006E-03	7
40	-3.9000	0.21707E-03	6
41	-4.0000	0.22434E-03	6
42	-4.1000	0.23168E-03	6
43	-4.2000	0.23930E-03	5
44	-4.3000	0.24702E-03	5
45	-4.4000	0.25430E-03	5
46	-4.5000	0.26094E-03	5
47	-4.6000	0.26672E-03	5
48	-4.7000	0.27144E-03	5
49	-4.8000	0.27489E-03	4
50	-4.9000	0.27688E-03	5
51	-5.0000	0.28028E-03	7
52	-5.1000	0.28394E-03	7
53	-5.2000	0.28775E-03	7
54	-5.3000	0.29189E-03	7
55	-5.4000	0.29653E-03	7
56	-5.5000	0.30187E-03	7
57	-5.6000	0.30808E-03	7
58	-5.7000	0.31534E-03	7
59	-5.8000	0.32376E-03	7
60	-5.9000	0.33321E-03	7
61	-6.0000	0.34346E-03	7
62	-6.1000	0.35432E-03	7
63	-6.2000	0.36556E-03	7
64	-6.3000	0.37697E-03	7
65	-6.4000	0.38835E-03	7
66	-6.5000	0.39948E-03	7
67	-6.6000	0.41016E-03	7
68	-6.7000	0.42016E-03	6
69	-6.8000	0.42928E-03	6
70	-6.9000	0.43730E-03	6
71	-7.0000	0.44402E-03	6
72	-7.1000	0.44923E-03	6
73	-7.2000	0.45270E-03	6
74	-7.3000	0.45424E-03	6
75	-7.4000	0.45363E-03	6
76	-7.5000	0.45065E-03	6
77	-7.6000	0.44510E-03	6
78	-7.7000	0.43676E-03	7
79	-7.8000	0.42543E-03	7
80	-7.9000	0.41089E-03	6
81	-8.0000	0.39294E-03	6
82	-8.1000	0.37135E-03	7
83	-8.2000	0.34591E-03	7
84	-8.3000	0.31643E-03	7

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.28268E-03	7
86	-8.5000	0.24449E-03	7
87	-8.6000	0.20205E-03	7
88	-8.7000	0.15665E-03	7
89	-8.8000	0.11162E-03	7
90	-8.9000	0.72060E-04	7
91	-9.0000	0.40760E-04	7
92	-9.1000	0.18151E-04	7
93	-9.2000	0.33104E-05	7
94	-9.3000	-0.52974E-05	7
95	-9.4000	-0.93377E-05	7
96	-9.5000	-0.10329E-04	7
97	-9.6000	-0.95121E-05	7
98	-9.7000	-0.78070E-05	7
99	-9.8000	-0.58387E-05	7
100	-9.9000	-0.39856E-05	7
101	-10.000	-0.24407E-05	7
102	-10.100	-0.12691E-05	7
103	-10.200	-0.45770E-06	7
104	-10.300	0.48489E-07	6
105	-10.400	0.31980E-06	7
106	-10.500	0.42605E-06	7
107	-10.600	0.42756E-06	7
108	-10.700	0.37141E-06	7
109	-10.800	0.29111E-06	7
110	-10.900	0.20826E-06	7
111	-11.000	0.13503E-06	7
112	-11.100	0.76802E-07	7
113	-11.200	0.34520E-07	7
114	-11.300	0.65626E-08	7
115	-11.400	-0.98651E-08	7
116	-11.500	-0.17824E-07	7
117	-11.600	-0.20105E-07	7
118	-11.700	-0.18964E-07	7
119	-11.800	-0.16037E-07	7
120	-11.900	-0.12371E-07	7
121	-12.000	-0.85077E-08	7

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 7
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.1172E-12	0.1226E-12	0.4744E-04
	B	-0.1000	0.4744E-05	0.8622E-11	0.4744E-04
2	A	-0.1000	0.4744E-05	0.8844E-11	0.2448E-03
	B	-0.2000	0.2984E-12	0.1973E-04	0.2448E-03
3	A	-0.2000	0.5347E-12	0.1973E-04	0.9240E-03
	B	-0.3000	0.7070E-12	0.1121E-03	0.9240E-03
4	A	-0.3000	0.7141E-12	0.1121E-03	0.9240E-03
	B	-0.4000	0.8455E-12	0.2045E-03	0.9240E-03
5	A	-0.4000	0.1227E-11	0.2045E-03	0.9240E-03
	B	-0.5000	0.7283E-12	0.2969E-03	0.9240E-03
6	A	-0.5000	0.1199E-11	0.2969E-03	0.9240E-03
	B	-0.6000	0.1695E-11	0.3893E-03	0.9240E-03
7	A	-0.6000	0.1362E-11	0.3893E-03	0.9240E-03
	B	-0.7000	0.2707E-04	0.4818E-03	0.9240E-03
8	A	-0.7000	0.2707E-04	0.4818E-03	0.1292E-02
	B	-0.8000	0.1563E-03	0.5742E-03	0.1292E-02
9	A	-0.8000	0.1563E-03	0.5742E-03	0.2735E-02
	B	-0.9000	0.4298E-03	0.6666E-03	0.2735E-02
10	A	-0.9000	0.4298E-03	0.6666E-03	0.4780E-02
	B	-1.000	0.9078E-03	0.7590E-03	0.4780E-02
11	A	-1.000	0.9078E-03	0.7590E-03	0.7439E-02
	B	-1.100	0.1652E-02	0.8514E-03	0.7439E-02
12	A	-1.100	0.1652E-02	0.8514E-03	0.1363E-01
	B	-1.200	0.3015E-02	0.4933E-03	0.1363E-01
13	A	-1.200	0.3015E-02	0.4933E-03	0.3398E-01
	B	-1.300	0.6413E-02	0.5542E-09	0.3398E-01
14	A	-1.300	0.6413E-02	0.5542E-09	0.7735E-01
	B	-1.400	0.1415E-01	0.6029E-09	0.7735E-01
15	A	-1.400	0.1415E-01	0.6028E-09	0.1399
	B	-1.500	0.2814E-01	0.1204E-09	0.1399
16	A	-1.500	0.2814E-01	0.1204E-09	0.2155
	B	-1.600	0.4969E-01	0.4363E-11	0.2155
17	A	-1.600	0.4969E-01	0.4325E-11	0.2947
	B	-1.700	0.7916E-01	0.4651E-11	0.2947

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.7916E-01	0.4837E-11	0.3654
	B	-1.800	0.1155	0.4992E-11	0.3654
19	A	-1.800	0.1155	0.4864E-11	0.4143
	B	-1.900	0.1554	0.5507E-11	0.4143
20	A	-1.900	0.1554	0.5251E-11	0.4163
	B	-2.000	0.1954	0.5755E-11	0.4163
21	A	-2.000	0.1954	0.5606E-11	0.4163
	B	-2.100	0.2359	0.6182E-11	0.4163
22	A	-2.100	0.2359	0.6214E-11	0.4163
	B	-2.200	0.2765	0.6445E-11	0.4163
23	A	-2.200	0.2765	0.6313E-11	0.4163
	B	-2.300	0.3171	0.7041E-11	0.4163
24	A	-2.300	0.3171	0.7010E-11	0.4163
	B	-2.400	0.3575	0.7411E-11	0.4163
25	A	-2.400	0.3575	0.7571E-11	0.4163
	B	-2.500	0.3978	0.8107E-11	0.4163
26	A	-2.500	0.3978	0.8056E-11	0.4163
	B	-2.600	0.4378	0.2238E-08	0.4163
27	A	-2.600	0.4378	0.2238E-08	0.4163
	B	-2.700	0.4792	0.1342E-07	0.4163
28	A	-2.700	0.4792	0.1342E-07	0.4164
	B	-2.800	0.5208	0.2460E-07	0.4164
29	A	-2.800	0.5208	0.2460E-07	0.4164
	B	-2.900	0.5624	0.3578E-07	0.4164
30	A	-2.900	0.5624	0.3578E-07	0.4164
	B	-3.000	0.6041	0.4696E-07	0.4164
31	A	-3.000	0.6041	0.4696E-07	0.4164
	B	-3.100	0.6457	0.5814E-07	0.4164
32	A	-3.100	0.6457	0.5814E-07	0.4164
	B	-3.200	0.6873	0.6933E-07	0.4164
33	A	-3.200	0.6873	0.6933E-07	0.8398
	B	-3.300	0.6096	0.8345E-07	0.8398
34	A	-3.300	0.6096	0.8345E-07	0.8396
	B	-3.400	0.5319	0.9758E-07	0.8396
35	A	-3.400	0.5319	0.9758E-07	0.8374
	B	-3.500	0.4543	0.	0.8374
36	A	-3.500	0.4543	0.	2.439
	B	-3.600	0.3766	0.	2.439
37	A	-3.600	0.3766	0.	6.841
	B	-3.700	0.9433	0.	6.841
38	A	-3.700	0.9433	0.	2.136
	B	-3.800	1.157	0.	2.136
39	A	-3.800	1.157	0.	0.7887
	B	-3.900	1.094	0.	0.7887
40	A	-3.900	1.094	0.	1.967
	B	-4.000	0.8969	0.	1.967

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.8969	0.	2.342
	B	-4.100	0.6627	0.4908E-01	2.342
42	A	-4.100	0.6627	0.4908E-01	2.189
	B	-4.200	0.4438	0.1137	2.189
43	A	-4.200	0.4438	0.1137	1.805
	B	-4.300	0.2632	0.1673	1.805
44	A	-4.300	0.2632	0.1673	1.343
	B	-4.400	0.1289	0.2450	1.343
45	A	-4.400	0.1289	0.2450	0.9035
	B	-4.500	0.3859E-01	0.3227	0.9035
46	A	-4.500	0.3859E-01	0.3227	0.7769
	B	-4.600	0.	0.4004	0.7769
47	A	-4.600	0.	0.4004	0.7769
	B	-4.700	0.	0.4781	0.7769
48	A	-4.700	0.	0.4781	0.7769
	B	-4.800	0.	0.5558	0.7769
49	A	-4.800	0.	0.5558	0.7769
	B	-4.900	0.	0.6334	0.7769
50	A	-4.900	0.	0.6334	0.7769
	B	-5.000	0.	0.7111	0.7769
51	A	-5.000	0.	0.7111	0.7769
	B	-5.100	0.5603E-01	0.7888	0.7769
52	A	-5.100	0.5603E-01	0.7888	0.7769
	B	-5.200	0.1243	0.8665	0.7769
53	A	-5.200	0.1243	0.8665	0.7769
	B	-5.300	0.1926	0.9442	0.7769
54	A	-5.300	0.1926	0.9442	0.7769
	B	-5.400	0.2609	1.022	0.7769
55	A	-5.400	0.2609	1.022	0.7769
	B	-5.500	0.3292	1.100	0.7769
56	A	-5.500	0.3292	1.100	0.7769
	B	-5.600	0.3975	1.177	0.7769
57	A	-5.600	0.3975	1.177	0.7769
	B	-5.700	0.4658	1.255	0.7769
58	A	-5.700	0.4658	1.255	0.7992
	B	-5.800	0.3858	1.333	0.7992
59	A	-5.800	0.3858	1.333	0.7992
	B	-5.900	0.3059	1.341	0.7992
60	A	-5.900	0.3059	1.341	2.721
	B	-6.000	0.2260	1.069	2.721
61	A	-6.000	0.2260	1.069	7.907
	B	-6.100	0.1461	0.2784	7.907
62	A	-6.100	0.1461	0.2784	15.67
	B	-6.200	1.289	0.	15.67
63	A	-6.200	1.289	0.	7.216
	B	-6.300	2.010	0.1376E-01	7.216

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	2.010	0.1376E-01	1.574
	B	-6.400	2.168	0.9369E-01	1.574
65	A	-6.400	2.168	0.9369E-01	1.784
	B	-6.500	1.989	0.1736	1.784
66	A	-6.500	1.989	0.1736	3.435
	B	-6.600	1.646	0.2535	3.435
67	A	-6.600	1.646	0.2535	3.912
	B	-6.700	1.254	0.3335	3.912
68	A	-6.700	1.254	0.3335	3.708
	B	-6.800	0.8837	0.4134	3.708
69	A	-6.800	0.8837	0.4134	3.159
	B	-6.900	0.5678	0.4933	3.159
70	A	-6.900	0.5678	0.4933	2.476
	B	-7.000	0.3201	0.5732	2.476
71	A	-7.000	0.3201	0.5732	1.796
	B	-7.100	0.1406	0.6531	1.796
72	A	-7.100	0.1406	0.6531	1.196
	B	-7.200	0.2102E-01	0.7331	1.196
73	A	-7.200	0.2102E-01	0.7331	0.7992
	B	-7.300	0.	0.8130	0.7992
74	A	-7.300	0.	0.8130	0.7992
	B	-7.400	0.	0.8929	0.7992
75	A	-7.400	0.	0.8929	0.7992
	B	-7.500	0.	0.9728	0.7992
76	A	-7.500	0.	0.9728	0.7992
	B	-7.600	0.1193E-05	1.053	0.7992
77	A	-7.600	0.1193E-05	1.053	0.7992
	B	-7.700	0.3111E-05	1.133	0.7992
78	A	-7.700	0.3111E-05	1.133	0.7992
	B	-7.800	0.3642E-05	1.213	0.7992
79	A	-7.800	0.3642E-05	1.213	0.7992
	B	-7.900	0.3371E-05	1.293	0.7992
80	A	-7.900	0.3371E-05	1.293	0.7992
	B	-8.000	0.2726E-05	1.372	0.7992
81	A	-8.000	0.2726E-05	1.372	0.7992
	B	-8.100	0.1991E-05	1.452	0.7992
82	A	-8.100	0.1991E-05	1.452	0.7992
	B	-8.200	0.1313E-05	1.532	0.7992
83	A	-8.200	0.1313E-05	1.532	0.7992
	B	-8.300	0.7629E-06	1.612	0.7992
84	A	-8.300	0.7629E-06	1.612	0.7992
	B	-8.400	0.1577E-02	1.692	0.7992
85	A	-8.400	0.1577E-02	1.692	0.1467
	B	-8.500	0.3375E-02	1.677	0.1467
86	A	-8.500	0.3375E-02	1.677	4.299
	B	-8.600	0.3970E-02	1.248	4.299

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.3970E-02	1.248	11.98
	B	-8.700	0.3815E-02	0.4924E-01	11.98
88	A	-8.700	0.3815E-02	0.4924E-01	23.43
	B	-8.800	2.294	0.1587E-06	23.43
89	A	-8.800	2.294	0.1587E-06	9.758
	B	-8.900	3.269	0.1469E-06	9.758
90	A	-8.900	3.269	0.1469E-06	0.9788
	B	-9.000	3.367	0.1197E-06	0.9788
91	A	-9.000	3.367	0.1197E-06	3.949
	B	-9.100	2.972	0.8817E-07	3.949
92	A	-9.100	2.972	0.8817E-07	6.107
	B	-9.200	2.362	0.5839E-07	6.107
93	A	-9.200	2.362	0.5839E-07	6.458
	B	-9.300	1.716	0.3397E-07	6.458
94	A	-9.300	1.716	0.3397E-07	5.823
	B	-9.400	1.134	0.1606E-07	5.823
95	A	-9.400	1.134	0.1606E-07	4.704
	B	-9.500	0.6632	0.5583E-04	4.704
96	A	-9.500	0.6632	0.5583E-04	3.467
	B	-9.600	0.3166	0.1404E-03	3.467
97	A	-9.600	0.3166	0.1404E-03	2.327
	B	-9.700	0.8390E-01	0.1726E-03	2.327
98	A	-9.700	0.8390E-01	0.1726E-03	1.391
	B	-9.800	0.6556E-08	0.5523E-01	1.391
99	A	-9.800	0.6556E-08	0.5523E-01	0.6917
	B	-9.900	0.5979E-08	0.1244	0.6917
100	A	-9.900	0.5979E-08	0.1244	0.2159
	B	-10.00	0.4785E-08	0.1460	0.2159
101	A	-10.00	0.4785E-08	0.1460	0.7392E-01
	B	-10.10	0.3462E-08	0.1386	0.7392E-01
102	A	-10.10	0.3462E-08	0.1386	0.2233
	B	-10.20	0.2260E-08	0.1163	0.2233
103	A	-10.20	0.2260E-08	0.1163	0.2759
	B	-10.30	0.1294E-08	0.8868E-01	0.2759
104	A	-10.30	0.1294E-08	0.8868E-01	0.2694
	B	-10.40	0.5925E-09	0.6174E-01	0.2694
105	A	-10.40	0.5925E-09	0.6174E-01	0.2302
	B	-10.50	0.1325E-09	0.3872E-01	0.2302
106	A	-10.50	0.1325E-09	0.3872E-01	0.1780
	B	-10.60	0.1130E-05	0.2092E-01	0.1780
107	A	-10.60	0.1130E-05	0.2092E-01	0.1255
	B	-10.70	0.5400E-05	0.8370E-02	0.1255
108	A	-10.70	0.5400E-05	0.8370E-02	0.8001E-01
	B	-10.80	0.7135E-05	0.3693E-03	0.8001E-01
109	A	-10.80	0.7135E-05	0.3693E-03	0.4432E-01
	B	-10.90	0.4062E-02	0.2607E-09	0.4432E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	0.4062E-02	0.2607E-09	0.1884E-01
	B	-11.00	0.5946E-02	0.2103E-09	0.1884E-01
111	A	-11.00	0.5946E-02	0.2103E-09	0.2361E-02
	B	-11.10	0.6182E-02	0.1534E-09	0.2361E-02
112	A	-11.10	0.6182E-02	0.1534E-09	0.6975E-02
	B	-11.20	0.5485E-02	0.1006E-09	0.6975E-02
113	A	-11.20	0.5485E-02	0.1006E-09	0.1114E-01
	B	-11.30	0.4371E-02	0.5824E-10	0.1114E-01
114	A	-11.30	0.4371E-02	0.5824E-10	0.1189E-01
	B	-11.40	0.3182E-02	0.2802E-10	0.1189E-01
115	A	-11.40	0.3182E-02	0.2802E-10	0.1071E-01
	B	-11.50	0.2111E-02	0.9061E-11	0.1071E-01
116	A	-11.50	0.2111E-02	0.9061E-11	0.8573E-02
	B	-11.60	0.1253E-02	0.	0.8573E-02
117	A	-11.60	0.1253E-02	0.	0.6165E-02
	B	-11.70	0.6369E-03	0.	0.6165E-02
118	A	-11.70	0.6369E-03	0.	0.3892E-02
	B	-11.80	0.2476E-03	0.	0.3892E-02
119	A	-11.80	0.2476E-03	0.	0.1975E-02
	B	-11.90	0.5019E-04	0.4137E-08	0.1975E-02
120	A	-11.90	0.5019E-04	0.4137E-08	0.5019E-03
	B	-12.00	0.6072E-17	0.8674E-17	0.5019E-03

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -3.2000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA 0.35966E-07 kN/m
FASE 4 FORZA 1.4567 kN/m
FASE 5 FORZA 1.4567 kN/m
FASE 6 FORZA 1.5012 kN/m
FASE 7 FORZA 1.5033 kN/m

TIRANTE chiodo_2 1 PARETE LeftWall QUOTA -5.7000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 FORZA -0.25621E-07 kN/m
FASE 6 FORZA 1.8094 kN/m
FASE 7 FORZA 1.8094 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 7
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.9488E-03	15.00	0.	0.
2	-0.1000	2.700	16.35	0.	0.
3	-0.2000	5.400	17.70	0.	0.
4	-0.3000	8.100	19.05	0.	0.
5	-0.4000	10.80	20.40	0.	0.
6	-0.5000	13.50	21.75	0.	0.
7	-0.6000	16.20	23.10	0.	0.
8	-0.7000	18.90	24.45	0.	0.
9	-0.8000	21.60	25.80	0.	0.
10	-0.9000	24.30	27.15	0.	0.
11	-1.000	27.00	28.50	0.	0.
12	-1.100	29.70	29.85	0.	0.
13	-1.200	32.40	31.20	0.	0.
14	-1.300	35.10	32.55	0.	0.
15	-1.400	37.80	33.90	0.	0.
16	-1.500	40.50	35.25	0.	0.
17	-1.600	43.20	36.60	0.	0.
18	-1.700	45.90	37.95	0.	0.
19	-1.800	48.60	39.30	0.	0.
20	-1.900	51.30	40.65	0.	0.
21	-2.000	54.00	42.00	0.	0.
22	-2.100	56.70	43.35	0.	0.
23	-2.200	59.40	44.70	0.	0.
24	-2.300	62.10	46.05	0.	0.
25	-2.400	64.80	47.40	0.	0.
26	-2.500	67.50	48.75	0.	0.
27	-2.600	70.20	50.10	0.	0.
28	-2.700	72.90	51.45	0.	0.
29	-2.800	75.60	52.80	0.	0.
30	-2.900	78.30	54.15	0.	0.
31	-3.000	81.00	55.50	0.	0.
32	-3.100	83.70	56.85	0.	0.
33	-3.200	86.40	58.20	0.	0.
34	-3.300	89.10	59.55	0.	0.
35	-3.400	91.80	60.90	0.	0.

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	62.25	0.	0.
37	-3.600	97.20	63.60	0.	0.
38	-3.700	99.90	64.95	0.	0.
39	-3.800	102.6	66.30	0.	0.
40	-3.900	105.3	67.65	0.	0.
41	-4.000	108.0	69.00	0.	0.
42	-4.100	111.5	70.35	0.	0.
43	-4.200	115.6	71.70	0.	0.
44	-4.300	118.8	73.05	0.	0.
45	-4.400	121.4	74.40	0.	0.
46	-4.500	123.6	75.75	0.	0.
47	-4.600	125.8	77.10	0.	0.
48	-4.700	128.0	78.45	0.	0.
49	-4.800	130.2	79.80	0.	0.
50	-4.900	132.6	81.15	0.	0.
51	-5.000	135.1	82.50	0.	0.
52	-5.100	137.7	83.85	0.	0.
53	-5.200	140.4	85.20	0.	0.
54	-5.300	143.1	86.55	0.	0.
55	-5.400	145.8	87.90	0.	0.
56	-5.500	148.5	89.25	0.	0.
57	-5.600	151.2	90.60	0.	0.
58	-5.700	153.9	91.95	0.	0.
59	-5.800	156.6	93.30	0.	0.
60	-5.900	159.3	94.65	0.	0.
61	-6.000	162.0	96.00	0.	0.
62	-6.100	164.7	97.35	0.	0.
63	-6.200	167.4	98.70	0.	0.
64	-6.300	170.1	100.1	0.	0.
65	-6.400	172.8	101.4	0.	0.
66	-6.500	175.5	102.8	0.	0.
67	-6.600	178.2	104.1	0.	0.
68	-6.700	182.1	105.4	0.	0.
69	-6.800	186.8	106.8	0.	0.
70	-6.900	190.2	108.2	0.	0.
71	-7.000	192.9	109.5	0.	0.
72	-7.100	195.2	110.8	0.	0.
73	-7.200	197.2	112.2	0.	0.
74	-7.300	199.2	113.6	0.	0.
75	-7.400	201.2	114.9	0.	0.
76	-7.500	203.4	116.2	0.	0.
77	-7.600	205.7	117.6	0.	0.
78	-7.700	208.1	118.9	0.	0.
79	-7.800	210.6	120.3	0.	0.
80	-7.900	213.3	121.7	0.	0.
81	-8.000	216.0	123.0	0.	0.

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	124.3	0.	0.
83	-8.200	221.4	125.7	0.	0.
84	-8.300	224.1	127.1	0.	0.
85	-8.400	226.8	123.7	0.	0.
86	-8.500	229.5	109.0	0.	0.
87	-8.600	232.2	92.68	0.	0.
88	-8.700	234.9	75.22	0.	0.
89	-8.800	237.6	57.91	0.	0.
90	-8.900	240.3	42.70	0.	0.
91	-9.000	243.0	30.67	0.	0.
92	-9.100	245.7	21.98	0.	0.
93	-9.200	248.4	16.27	0.	0.
94	-9.300	253.8	15.00	0.	0.
95	-9.400	258.6	15.00	0.	0.
96	-9.500	261.8	15.00	0.	0.
97	-9.600	264.1	15.00	0.	0.
98	-9.700	265.9	15.00	0.	0.
99	-9.800	267.6	15.00	0.	0.
100	-9.900	269.3	15.00	0.	0.
101	-10.00	271.2	15.00	0.	0.
102	-10.10	273.3	15.00	0.	0.
103	-10.20	275.6	15.00	0.	0.
104	-10.30	278.1	15.02	0.	0.
105	-10.40	280.8	15.12	0.	0.
106	-10.50	283.5	15.16	0.	0.
107	-10.60	286.2	15.16	0.	0.
108	-10.70	288.9	15.14	0.	0.
109	-10.80	291.6	15.11	0.	0.
110	-10.90	294.3	15.08	0.	0.
111	-11.00	297.0	15.05	0.	0.
112	-11.10	299.7	15.03	0.	0.
113	-11.20	302.4	15.01	0.	0.
114	-11.30	305.1	15.00	0.	0.
115	-11.40	307.8	15.00	0.	0.
116	-11.50	310.5	15.00	0.	0.
117	-11.60	313.2	15.00	0.	0.
118	-11.70	315.9	15.00	0.	0.
119	-11.80	318.6	15.00	0.	0.
120	-11.90	321.3	15.00	0.	0.
121	-12.00	324.0	15.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 7
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	81.00	0.	0.	0.
32	-3.100	83.70	0.	0.	0.
33	-3.200	86.40	0.	0.	0.
34	-3.300	89.10	0.	0.	0.
35	-3.400	91.80	0.	0.	0.

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	0.	0.	0.
37	-3.600	97.20	0.	0.	0.
38	-3.700	111.1	55.56	0.	0.
39	-3.800	109.0	53.13	0.	0.
40	-3.900	108.2	51.38	0.	0.
41	-4.000	108.6	50.23	0.	0.
42	-4.100	110.7	49.58	0.	0.
43	-4.200	113.4	49.15	0.	0.
44	-4.300	116.1	48.99	0.	0.
45	-4.400	118.8	49.04	0.	0.
46	-4.500	121.5	49.19	0.	0.
47	-4.600	124.2	49.38	0.	0.
48	-4.700	126.9	49.56	0.	0.
49	-4.800	129.6	49.72	0.	0.
50	-4.900	132.3	49.83	0.	0.
51	-5.000	135.0	49.91	0.	0.
52	-5.100	137.7	49.95	0.	0.
53	-5.200	140.4	49.97	0.	0.
54	-5.300	143.1	49.97	0.	0.
55	-5.400	145.8	49.97	0.	0.
56	-5.500	148.5	49.97	0.	0.
57	-5.600	151.2	49.96	0.	0.
58	-5.700	153.9	49.96	0.	0.
59	-5.800	156.6	49.96	0.	0.
60	-5.900	159.3	49.95	0.	0.
61	-6.000	162.0	49.95	0.	0.
62	-6.100	164.7	49.95	0.	0.
63	-6.200	188.3	94.13	0.	0.
64	-6.300	183.9	90.59	0.	0.
65	-6.400	180.9	87.75	0.	0.
66	-6.500	179.4	85.64	0.	0.
67	-6.600	179.2	84.20	0.	0.
68	-6.700	180.9	83.27	0.	0.
69	-6.800	183.6	82.53	0.	0.
70	-6.900	186.3	82.25	0.	0.
71	-7.000	189.0	82.25	0.	0.
72	-7.100	191.7	82.43	0.	0.
73	-7.200	194.4	82.67	0.	0.
74	-7.300	197.1	82.93	0.	0.
75	-7.400	199.8	83.17	0.	0.
76	-7.500	202.5	83.37	0.	0.
77	-7.600	205.2	83.52	0.	0.
78	-7.700	207.9	83.63	0.	0.
79	-7.800	210.6	83.70	0.	0.
80	-7.900	213.3	83.72	0.	0.
81	-8.000	216.1	83.74	0.	0.

History 0 - Paratia 1 Sez_M H = 8.8 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.8	83.74	0.	0.
83	-8.200	221.5	83.73	0.	0.
84	-8.300	224.2	83.73	0.	0.
85	-8.400	226.8	83.72	0.	0.
86	-8.500	229.5	83.71	0.	0.
87	-8.600	232.2	83.71	0.	0.
88	-8.700	234.9	83.70	0.	0.
89	-8.800	288.5	144.2	0.	0.
90	-8.900	272.7	135.0	0.	0.
91	-9.000	260.9	127.8	0.	0.
92	-9.100	253.3	122.6	0.	0.
93	-9.200	249.4	119.3	0.	0.
94	-9.300	251.1	117.0	0.	0.
95	-9.400	253.8	115.6	0.	0.
96	-9.500	256.5	115.3	0.	0.
97	-9.600	259.2	115.5	0.	0.
98	-9.700	261.9	116.1	0.	0.
99	-9.800	264.6	116.8	0.	0.
100	-9.900	267.3	117.4	0.	0.
101	-10.00	270.0	118.0	0.	0.
102	-10.10	272.7	118.4	0.	0.
103	-10.20	275.4	118.6	0.	0.
104	-10.30	278.1	118.8	0.	0.
105	-10.40	280.9	118.9	0.	0.
106	-10.50	283.7	118.9	0.	0.
107	-10.60	286.4	118.9	0.	0.
108	-10.70	289.1	118.9	0.	0.
109	-10.80	291.7	118.9	0.	0.
110	-10.90	294.4	118.8	0.	0.
111	-11.00	297.1	118.8	0.	0.
112	-11.10	299.7	118.8	0.	0.
113	-11.20	302.4	118.8	0.	0.
114	-11.30	305.1	118.8	0.	0.
115	-11.40	307.8	118.8	0.	0.
116	-11.50	310.5	118.8	0.	0.
117	-11.60	313.2	118.8	0.	0.
118	-11.70	315.9	118.8	0.	0.
119	-11.80	318.6	118.8	0.	0.
120	-11.90	321.3	118.8	0.	0.
121	-12.00	324.0	118.8	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1944.0	1944.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1944.0	1944.0
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	23514.	23514.
RAPPORTO PASSIVA/VERA	12.096	12.096
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1765.3	1765.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1765.3	1765.3
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	26795.	12509.
RAPPORTO PASSIVA/VERA	15.179	7.0864
SPINTA PASSIVA MOBILITATA	7.%	14.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1765.3	1765.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1765.3	1765.3
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	26795.	12509.
RAPPORTO PASSIVA/VERA	15.179	7.0864
SPINTA PASSIVA MOBILITATA	7.%	14.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

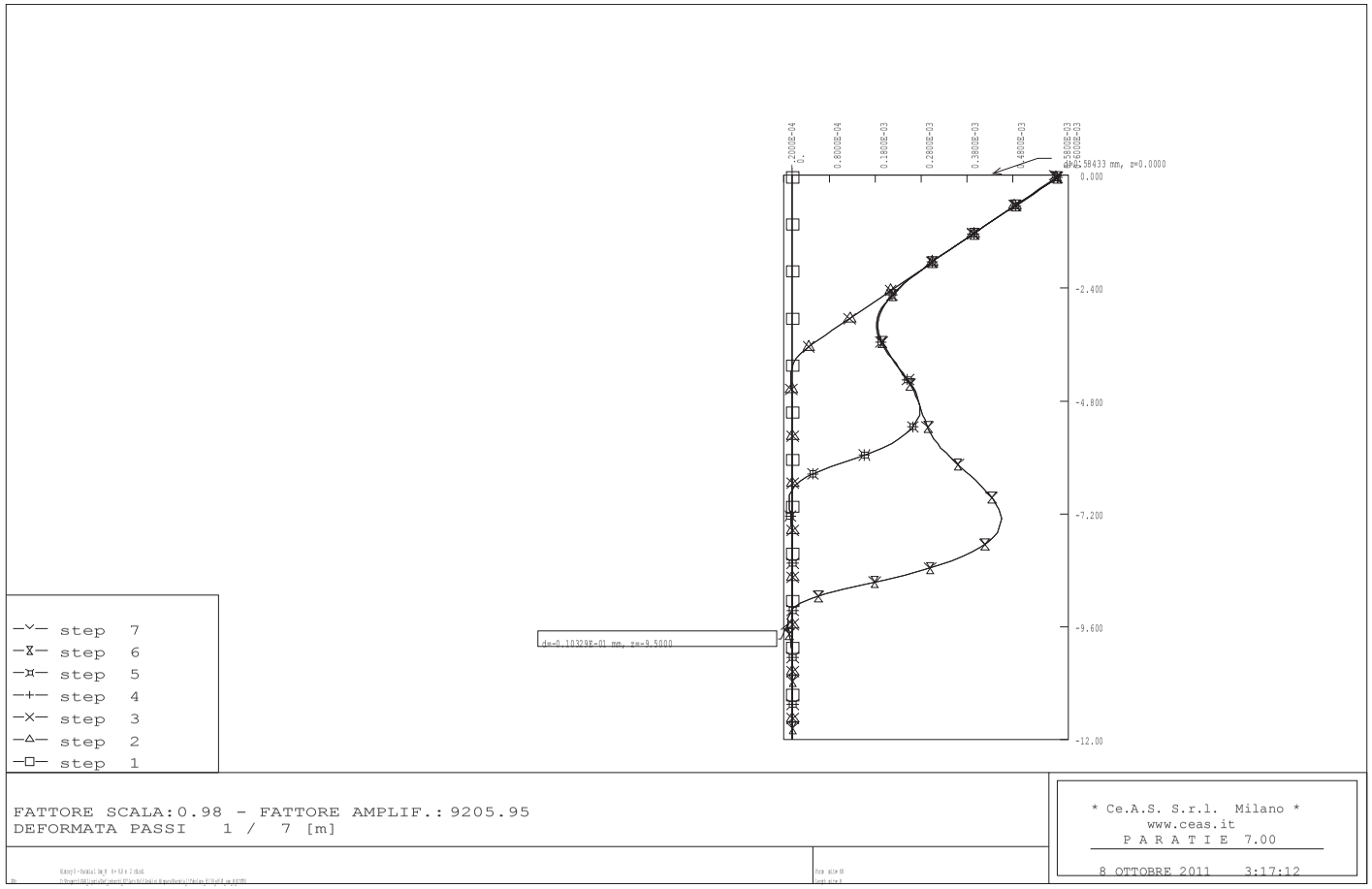
FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1437.7	1436.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1437.7	1436.5
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	26795.	6964.8
RAPPORTO PASSIVA/VERA	18.638	4.8484
SPINTA PASSIVA MOBILITATA	5.%	21.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1437.7	1436.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1437.7	1436.5
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	26795.	6964.8
RAPPORTO PASSIVA/VERA	18.638	4.8484
SPINTA PASSIVA MOBILITATA	5.%	21.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	920.39	917.66
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	920.39	917.66
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	26795.	2829.8
RAPPORTO PASSIVA/VERA	29.113	3.0837
SPINTA PASSIVA MOBILITATA	3.%	32.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	920.38	917.66
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	920.38	917.66
SPINTA ATTIVA (POSSIBILE)	8.0557	0.
SPINTA PASSIVA (POSSIBILE)	26795.	2829.8
RAPPORTO PASSIVA/VERA	29.113	3.0837
SPINTA PASSIVA MOBILITATA	3.%	32.%
RAPPORTO VERA/ATTIVA	114.25	0.10000E+06

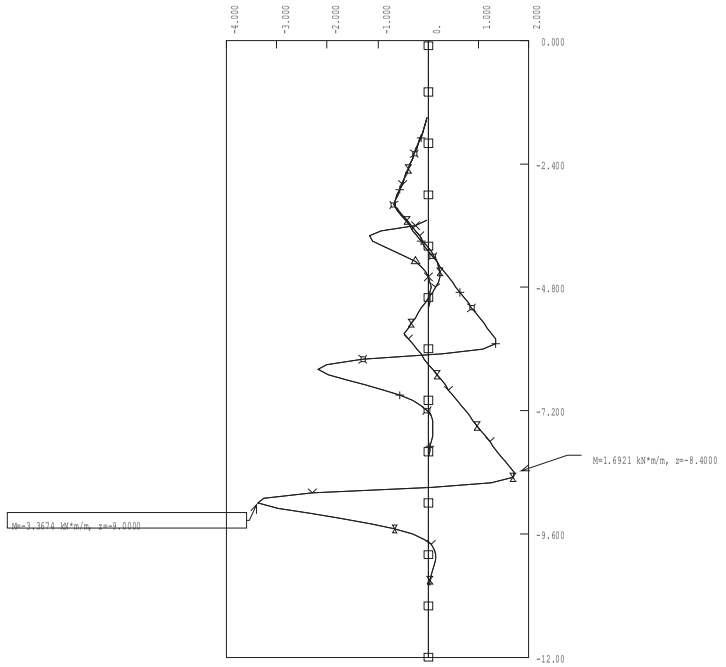
OUTPUT PLOTS:



FATTORE SCALA: 0.98 - FATTORE AMPLIF.: 9205.95
DEFORMATA PASSI 1 / 7 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:17:12

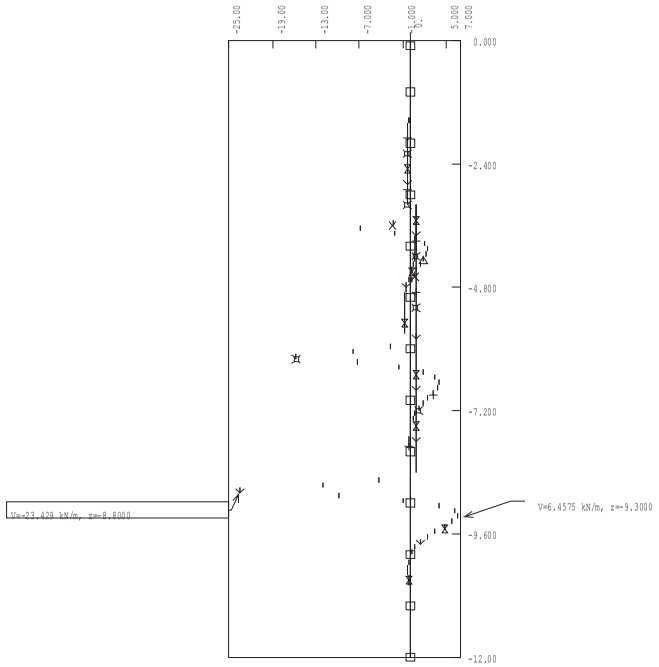


Step 7
Step 6
Step 5
Step 4
Step 3
Step 2
Step 1

MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.93

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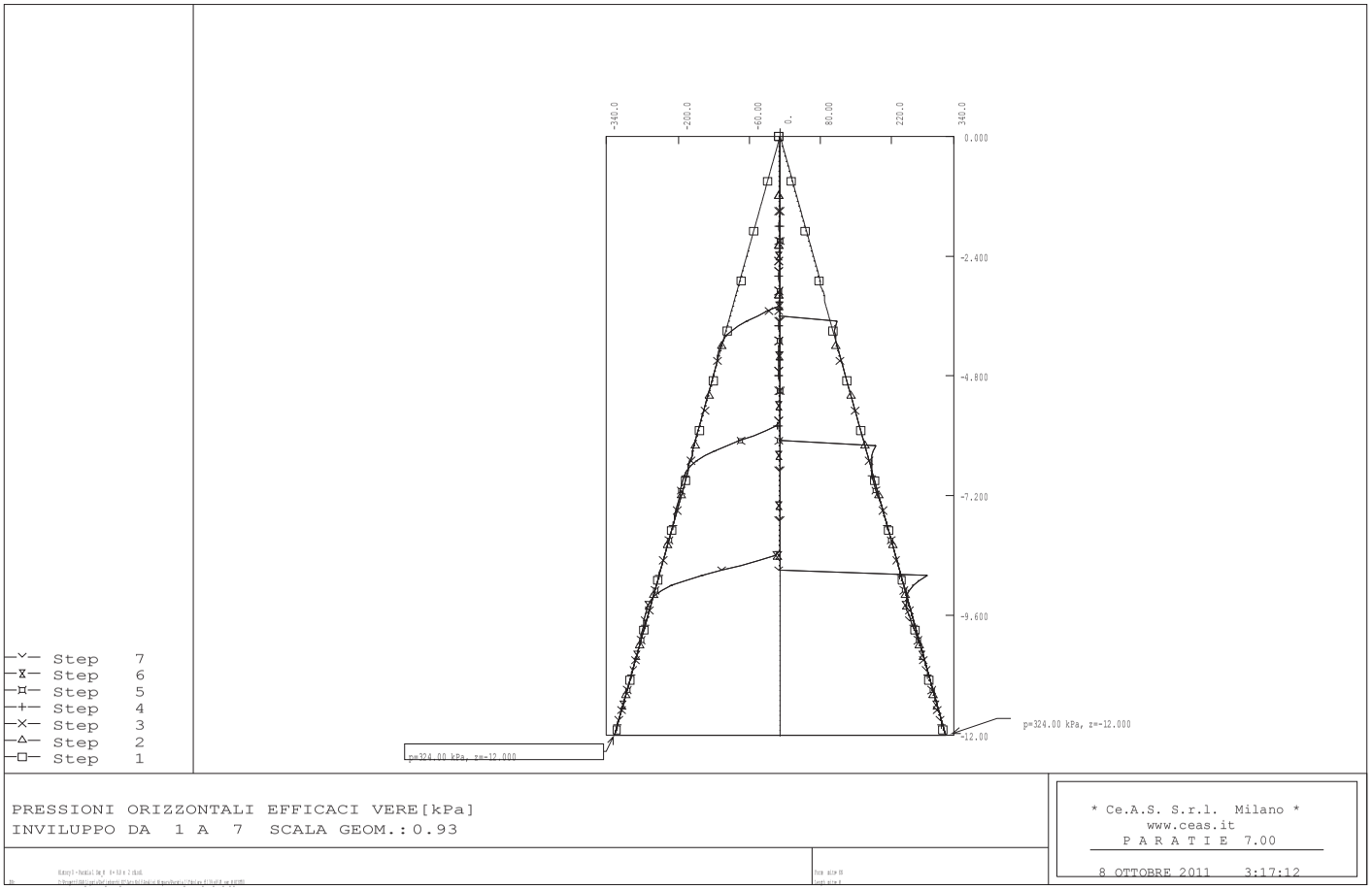


Step 7
Step 6
Step 5
Step 4
Step 3
Step 2
Step 1

TAGLI [kN/m]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.93

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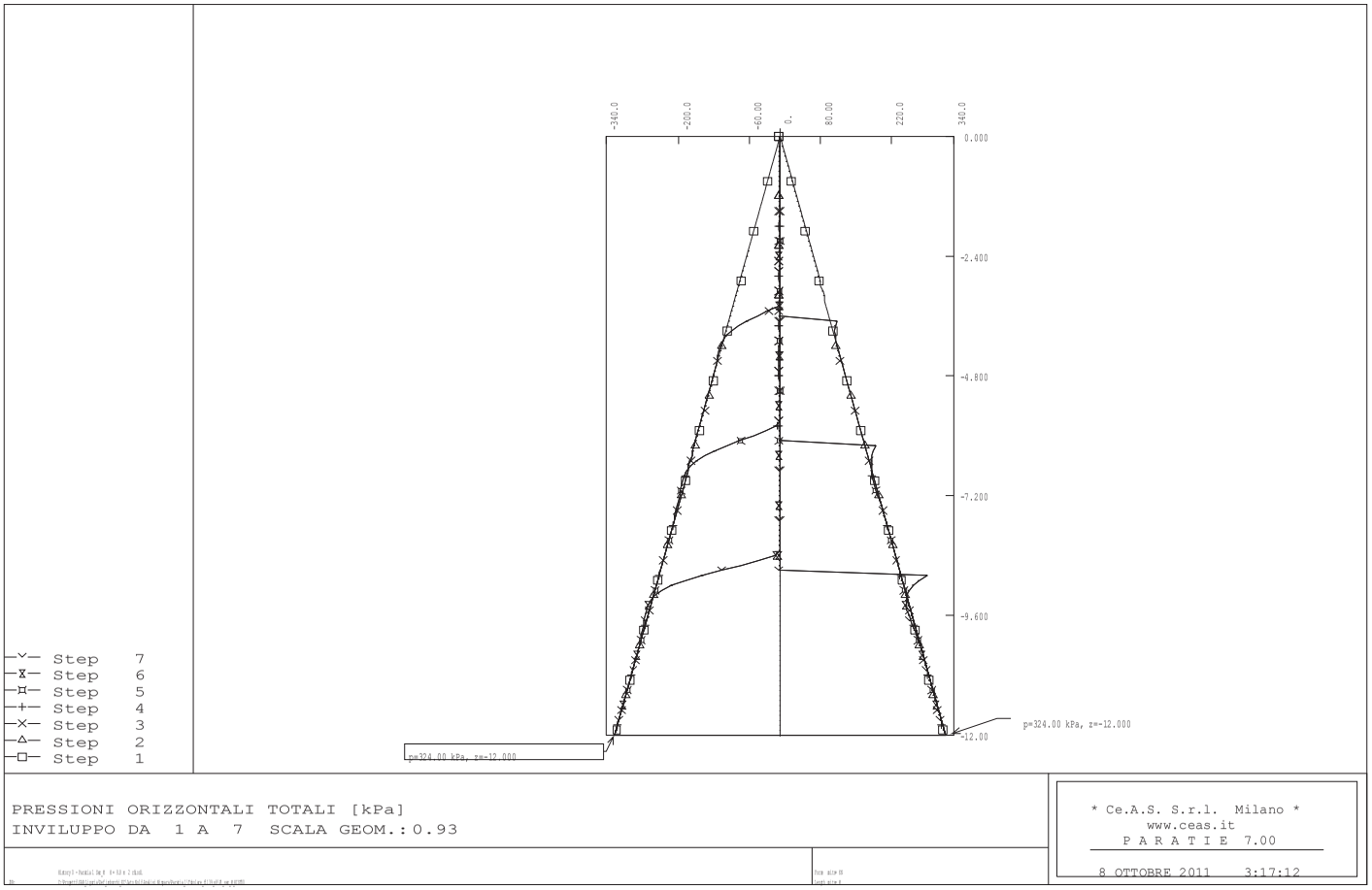
8 OTTOBRE 2011 3:17:12



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.93

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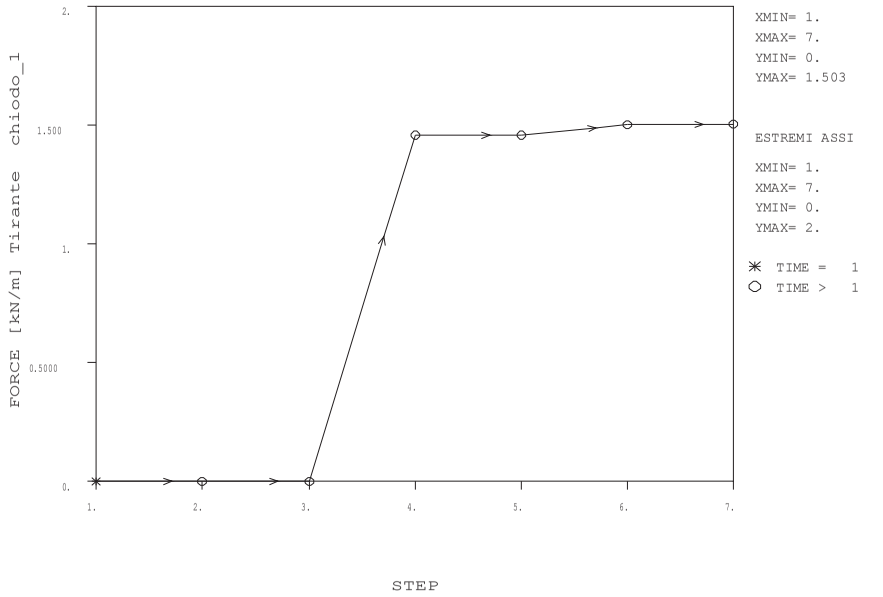
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.93

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.3597E-07
4.	1.457
5.	1.457
6.	1.501
7.	1.503



DAL PASSO 1 AL PASSO 7

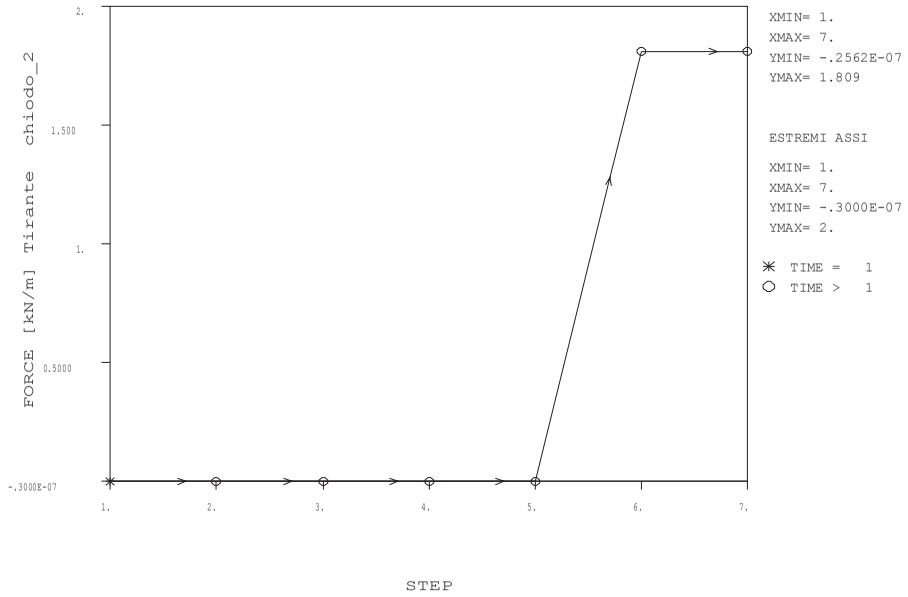
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.2562E-07
6.	1.809
7.	1.809



DAL PASSO 1 AL PASSO 7

DIAGRAMMA VARIABILE X / VARIABILE Y

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8 OTTOBRE 2011 3:17:12

Appendice D

P1 - Sezione G – Tabulati di calcolo PARATIE

6 NOVEMBRE 2011 23:21:20
History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

6 NOVEMBRE 2011 23:21:20

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_G -  H = 10.9 m  3 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -15.8 0
  15: *
  16: soil UHLeft LeftWall -15.8 0 1 0
  17: soil DHLeft LeftWall -15.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -15.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -2.8 Acciaio_chiodi 8.98E-005 0 35
  25: wire chiodo_2 LeftWall -5.3 Acciaio_chiodi 0.000105 0 35
  26: wire chiodo_3 LeftWall -7.8 Acciaio_chiodi 0.000105 0 35
  27: *
  28: * Soil Profile
  29: *
  30:     ldata          1_ 0
  31:         weight     27 27 0
  32:         atrest     1 0 1 1
  33:         resistance 80 38 0.195942 9.11404
  34:         young      2E+006 3E+006
  35:     endlayer
  36: *
  37: step 1 :  geostatica
  38:     setwall LeftWall
```

```
  N.  comando

  39:         geom 0 0
  40: endstep
  41: *
  42: step 2 :  scavo a  quota -3.3 m+sovraccarico 30 kPa
  43:     setwall LeftWall
  44:         geom 0 -3.3
  45:         surcharge 30 0 0 0
  46: endstep
  47: *
  48: step 3 :  inserimento primo chiodo
  49:     setwall LeftWall
  50:         geom 0 -3.3
  51:         surcharge 30 0 0 0
  52:         add chiodo_1
  53: endstep
  54: *
  55: step 4 :  scavo a quota -5.8 m
  56:     setwall LeftWall
  57:         geom 0 -5.8
  58:         surcharge 30 0 0 0
  59: endstep
  60: *
  61: step 5 :  inserimento secondo chiodo
  62:     setwall LeftWall
  63:         geom 0 -5.8
  64:         surcharge 30 0 0 0
  65:         add chiodo_2
  66: endstep
  67: *
  68: step 6 :  scavo a quota -8.3 m
  69:     setwall LeftWall
  70:         geom 0 -8.3
  71:         surcharge 30 0 0 0
  72: endstep
  73: *
  74: step 7 :  inserimento terzo chiodo
  75:     setwall LeftWall
  76:         geom 0 -8.3
  77:         surcharge 30 0 0 0
  78:         add chiodo_3
  79: endstep
  80: *
  81: step 8 :  scavo finale -10.9 m
  82:     setwall LeftWall
  83:         geom 0 -10.9
  84:         surcharge 30 0 0 0
```

```
  N.  comando

  85: endstep
  86: *
  87: step 9 :  sisma kh=0.114
  88:     change 1_ U-KA=0.261
  89:     setwall LeftWall
  90:         geom 0 -10.9
  91:         surcharge 30 0 0 0
  92: endstep
  93: *
  94: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -15.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.3000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 30.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -15.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.3000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 30.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-5.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-5.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.3000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.3000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-10.900	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-10.900	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	30.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-15.80	UPHILL	0.
DHLeft	LeftWall	0.	-15.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-15.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-2.800	_	0.8980E-04	0.	35.00
chiodo_2	LeftWall	-5.300	_	0.1050E-03	0.	35.00
chiodo_3	LeftWall	-7.800	_	0.1050E-03	0.	35.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	10	SI
3	2	SI
4	8	SI
5	2	SI
6	8	SI
7	2	SI
8	7	SI
9	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.41975794E-03	-0.12063739E-03
2	0.40769420E-03	-0.12063739E-03
3	0.39563046E-03	-0.12063739E-03
4	0.38356672E-03	-0.12063739E-03
5	0.37150297E-03	-0.12063739E-03
6	0.35943923E-03	-0.12063739E-03
7	0.34737549E-03	-0.12063739E-03
8	0.33531178E-03	-0.12063739E-03
9	0.32324804E-03	-0.12063739E-03
10	0.31118430E-03	-0.12063739E-03
11	0.29912055E-03	-0.12063739E-03
12	0.28705681E-03	-0.12063739E-03
13	0.27499307E-03	-0.12063739E-03
14	0.26292933E-03	-0.12063739E-03
15	0.25086559E-03	-0.12063739E-03
16	0.23880186E-03	-0.12063739E-03
17	0.22673812E-03	-0.12063739E-03
18	0.21467438E-03	-0.12063739E-03
19	0.20261064E-03	-0.12063739E-03
20	0.19054690E-03	-0.12063739E-03
21	0.17848315E-03	-0.12063739E-03
22	0.16641943E-03	-0.12063739E-03
23	0.15435569E-03	-0.12063739E-03
24	0.14229194E-03	-0.12063739E-03
25	0.13022820E-03	-0.12063739E-03
26	0.11816447E-03	-0.12063739E-03
27	0.10610073E-03	-0.12063739E-03
28	0.94036986E-04	-0.12063739E-03
29	0.81973252E-04	-0.12063739E-03
30	0.69909511E-04	-0.12063739E-03
31	0.57845773E-04	-0.12063739E-03
32	0.45782632E-04	-0.12061948E-03
33	0.33809927E-04	-0.11796007E-03
34	0.22538079E-04	-0.10487680E-03
35	0.13172245E-04	-0.81663238E-04
36	0.62554450E-05	-0.56949262E-04
37	0.16781719E-05	-0.35361874E-04
38	-0.98198348E-06	-0.18726088E-04
39	-0.22367014E-05	-0.71799695E-05
40	-0.25645668E-05	-0.31530597E-07
41	-0.23557882E-05	0.37334933E-05
42	-0.18960011E-05	0.51545248E-05
43	-0.13730767E-05	0.51297516E-05

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.89522456E-06	0.43497653E-05
45	-0.51240193E-06	0.32914288E-05
46	-0.23651975E-06	0.22456634E-05
47	-0.57859776E-07	0.13621820E-05
48	0.43126800E-07	0.69500476E-06
49	0.88274234E-07	0.24181909E-06
50	0.97548977E-07	-0.29615748E-07
51	0.86900798E-07	-0.16455917E-06
52	0.67689363E-07	-0.20793608E-06
53	0.47110721E-07	-0.19739879E-06
54	0.29075261E-07	-0.16089173E-06
55	0.15182376E-07	-0.11688459E-06
56	0.55942251E-08	-0.76001022E-07
57	-0.28507688E-09	-0.43134932E-07
58	-0.33382561E-08	-0.19433694E-07
59	-0.44493165E-08	-0.40574810E-08
60	-0.43724158E-08	0.46388258E-08
61	-0.36820951E-08	0.85188141E-08
62	-0.27724800E-08	0.92839949E-08
63	-0.18836721E-08	0.82978948E-08
64	-0.11385900E-08	0.65411250E-08
65	-0.58015964E-09	0.46429820E-08
66	-0.20303342E-09	0.29536449E-08
67	0.22621419E-10	0.16258699E-08
68	0.13511231E-09	0.68724748E-09
69	0.17163389E-09	0.95514395E-10
70	0.16328777E-09	-0.22404105E-09
71	0.13317913E-09	-0.35299300E-09
72	0.96635686E-10	-0.36354950E-09
73	0.62549937E-10	-0.31168468E-09
74	0.35090573E-10	-0.23606520E-09
75	0.15343948E-10	-0.16023430E-09
76	0.26499681E-11	-0.96215744E-10
77	-0.44313325E-11	-0.48161159E-10
78	-0.75012375E-11	-0.15675784E-10
79	-0.80014381E-11	0.37611307E-11
80	-0.70747952E-11	0.13424517E-10
81	-0.55361575E-11	0.16499220E-10
82	-0.39057720E-11	0.15649300E-10
83	-0.24707478E-11	0.12865866E-10
84	-0.13525663E-11	0.94834071E-11
85	-0.56775889E-12	0.62901724E-11
86	-0.75357973E-13	0.36721533E-11
87	0.18982239E-12	0.17486536E-11
88	0.29627155E-12	0.48211771E-12
89	0.30419826E-12	-0.24584862E-12

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.26017909E-12	-0.58149693E-12
91	0.19639410E-12	-0.66228804E-12
92	0.13250993E-12	-0.59942567E-12
93	0.78632488E-13	-0.47285792E-12
94	0.38359964E-13	-0.33364172E-12
95	0.11389605E-13	-0.20986174E-12
96	-0.45185278E-14	-0.11326606E-12
97	-0.12224816E-13	-0.45506655E-13
98	-0.14463169E-13	-0.30465321E-14
99	-0.13489505E-13	0.19752121E-13
100	-0.10971293E-13	0.28794292E-13
101	-0.80169509E-14	0.29247329E-13
102	-0.52745915E-14	0.25117453E-13
103	-0.30531868E-14	0.19195774E-13
104	-0.14374189E-14	0.13214635E-13
105	-0.38161164E-15	0.80929399E-14
106	0.22174908E-15	0.41886461E-14
107	0.49719209E-15	0.15165874E-14
108	0.56030446E-15	-0.98334358E-16
109	0.50417783E-15	-0.91367771E-15
110	0.39557942E-15	-0.11887060E-14
111	0.27714246E-15	-0.11425600E-14
112	0.17231800E-15	-0.93889642E-15
113	0.90980722E-16	-0.68670607E-15
114	0.34476802E-16	-0.44951520E-15
115	-0.42126117E-18	-0.25729264E-15
116	-0.18739883E-16	-0.11781482E-15
117	-0.25599468E-16	-0.26794292E-16
118	-0.25401802E-16	0.25134416E-16
119	-0.21516683E-16	0.48740175E-16
120	-0.16268322E-16	0.53909313E-16
121	-0.11084401E-16	0.48591061E-16
122	-0.67079922E-17	0.38536316E-16
123	-0.34105680E-17	0.27478665E-16
124	-0.11751127E-17	0.17535412E-16
125	0.16545640E-18	0.96604232E-17
126	0.83278843E-18	0.40599282E-17
127	0.10457791E-17	0.50954465E-18
128	0.98857099E-18	-0.14246308E-17
129	0.79907451E-18	-0.22121583E-17
130	0.57020532E-18	-0.22777063E-17
131	0.35609161E-18	-0.19665042E-17
132	0.18147417E-18	-0.15182100E-17
133	0.52507907E-19	-0.10681666E-17
134	-0.34410743E-19	-0.68567146E-18
135	-0.87623048E-19	-0.39307625E-18

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.11583262E-18	-0.18467985E-18
137	-0.12686730E-18	-0.45531921E-19
138	-0.12644018E-18	0.48580857E-19
139	-0.11816309E-18	0.11233488E-18
140	-0.10481488E-18	0.15083844E-18
141	-0.88674376E-19	0.16897269E-18
142	-0.71546690E-19	0.17131645E-18
143	-0.54797588E-19	0.16206517E-18
144	-0.39395601E-19	0.14495560E-18
145	-0.25961156E-19	0.12320532E-18
146	-0.14820576E-19	0.99473910E-19
147	-0.60628086E-20	0.75849464E-19
148	0.40386397E-21	0.53861442E-19
149	0.47976399E-20	0.34518218E-19
150	0.74138639E-20	0.18365692E-19
151	0.85823995E-20	0.55617972E-20
152	0.86329852E-20	-0.40392619E-20
153	0.78692446E-20	-0.10799395E-19
154	0.65513642E-20	-0.15211779E-19
155	0.48868938E-20	-0.17824020E-19
156	0.30286552E-20	-0.19173410E-19
157	0.10784149E-20	-0.19736702E-19
158	-0.90519237E-21	-0.19895211E-19
159	-0.28959737E-20	-0.19914115E-19

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.41975794E-03	-0.12063739E-03
2	0.40769420E-03	-0.12063739E-03
3	0.39563046E-03	-0.12063739E-03
4	0.38356672E-03	-0.12063739E-03
5	0.37150297E-03	-0.12063739E-03
6	0.35943923E-03	-0.12063739E-03
7	0.34737549E-03	-0.12063739E-03
8	0.33531178E-03	-0.12063739E-03
9	0.32324804E-03	-0.12063739E-03
10	0.31118430E-03	-0.12063739E-03
11	0.29912055E-03	-0.12063739E-03
12	0.28705681E-03	-0.12063739E-03
13	0.27499307E-03	-0.12063739E-03
14	0.26292933E-03	-0.12063739E-03
15	0.25086559E-03	-0.12063739E-03
16	0.23880186E-03	-0.12063739E-03
17	0.22673812E-03	-0.12063739E-03
18	0.21467438E-03	-0.12063739E-03
19	0.20261064E-03	-0.12063739E-03
20	0.19054690E-03	-0.12063739E-03
21	0.17848315E-03	-0.12063739E-03
22	0.16641943E-03	-0.12063739E-03
23	0.15435569E-03	-0.12063739E-03
24	0.14229194E-03	-0.12063739E-03
25	0.13022820E-03	-0.12063739E-03
26	0.11816447E-03	-0.12063739E-03
27	0.10610073E-03	-0.12063739E-03
28	0.94036986E-04	-0.12063739E-03
29	0.81973252E-04	-0.12063739E-03
30	0.69909511E-04	-0.12063739E-03
31	0.57845773E-04	-0.12063739E-03
32	0.45782632E-04	-0.12061948E-03
33	0.33809927E-04	-0.11796007E-03
34	0.22538079E-04	-0.10487680E-03
35	0.13172245E-04	-0.81663238E-04
36	0.62554450E-05	-0.56949266E-04
37	0.16781719E-05	-0.35361874E-04
38	-0.98198348E-06	-0.18726088E-04
39	-0.22367014E-05	-0.71799695E-05
40	-0.25645668E-05	-0.31530487E-07
41	-0.23557882E-05	0.37334935E-05
42	-0.18960011E-05	0.51545253E-05
43	-0.13730765E-05	0.51297525E-05

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.89522439E-06	0.43497666E-05
45	-0.51240164E-06	0.32914299E-05
46	-0.23651934E-06	0.22456645E-05
47	-0.57859264E-07	0.13621828E-05
48	0.43127351E-07	0.69500464E-06
49	0.88274689E-07	0.24181711E-06
50	0.97549098E-07	-0.29620720E-07
51	0.86900215E-07	-0.16456841E-06
52	0.67687594E-07	-0.20795076E-06
53	0.47107189E-07	-0.19741941E-06
54	0.29069403E-07	-0.16091735E-06
55	0.15173837E-07	-0.11691171E-06
56	0.55831890E-08	-0.76022218E-07
57	-0.29742922E-09	-0.43137430E-07
58	-0.33497645E-08	-0.19416674E-07
59	-0.44586552E-08	-0.40326551E-08
60	-0.43792028E-08	0.46641513E-08
61	-0.36864989E-08	0.85407388E-08
62	-0.27749330E-08	0.93009840E-08
63	-0.18846811E-08	0.83098586E-08
64	-0.11386266E-08	0.65487709E-08
65	-0.57960631E-09	0.46473008E-08
66	-0.20217793E-09	0.29554863E-08
67	0.23558565E-10	0.16257000E-08
68	0.13595608E-09	0.68573358E-09
69	0.17229815E-09	0.93553380E-10
70	0.16375699E-09	-0.22591949E-09
71	0.13347616E-09	-0.35453529E-09
72	0.96798687E-10	-0.36468870E-09
73	0.62618299E-10	-0.31244557E-09
74	0.35099295E-10	-0.23651070E-09
75	0.15320408E-10	-0.16044842E-09
76	0.26132037E-11	-0.96278353E-10
77	-0.44695107E-11	-0.48135725E-10
78	-0.75344271E-11	-0.15607664E-10
79	-0.80270018E-11	0.38416540E-11
80	-0.70924759E-11	0.13499574E-10
81	-0.55470008E-11	0.16560078E-10
82	-0.39113717E-11	0.15693249E-10
83	-0.24727644E-11	0.12894016E-10
84	-0.13524297E-11	0.94989450E-11
85	-0.56654448E-12	0.62968008E-11
86	-0.73784640E-13	0.36732037E-11
87	0.19133264E-12	0.17466985E-11
88	0.29751299E-12	0.47893129E-12
89	0.30510804E-12	-0.24916202E-12

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.26077721E-12	-0.58435689E-12
91	0.19673900E-12	-0.66448144E-12
92	0.13266975E-12	-0.60094090E-12
93	0.78671404E-13	-0.47378285E-12
94	0.38330060E-13	-0.33411848E-12
95	0.11328348E-13	-0.21003482E-12
96	-0.45870337E-14	-0.11325511E-12
97	-0.12286832E-13	-0.45400156E-13
98	-0.14512404E-13	-0.29053707E-14
99	-0.13524535E-13	0.19890556E-13
100	-0.10993495E-13	0.28910417E-13
101	-0.80290058E-14	0.29333645E-13
102	-0.52795136E-14	0.25174441E-13
103	-0.30536738E-14	0.19228558E-13
104	-0.14355637E-14	0.13229819E-13
105	-0.37885409E-15	0.80967591E-14
106	0.22453364E-15	0.41860669E-14
107	0.49955102E-15	0.15111270E-14
108	0.56207248E-15	-0.10440974E-15
109	0.50536347E-15	-0.91911460E-15
110	0.39627743E-15	-0.11929830E-14
111	0.27747571E-15	-0.11455862E-14
112	0.17240620E-15	-0.94080913E-15
113	0.90923170E-16	-0.68775338E-15
114	0.34347097E-16	-0.44995057E-15
115	-0.57288348E-18	-0.25732586E-15
116	-0.18882184E-16	-0.11762437E-15
117	-0.25717725E-16	-0.26521900E-16
118	-0.25492100E-16	0.25414468E-16
119	-0.21579850E-16	0.49000257E-16
120	-0.16306967E-16	0.54138491E-16
121	-0.11101967E-16	0.48782275E-16
122	-0.67085398E-17	0.38685242E-16
123	-0.33984126E-17	0.27583400E-16
124	-0.11548687E-17	0.17591299E-16
125	0.18899001E-18	0.96734802E-17
126	0.85599364E-18	0.40406511E-17
127	0.10655631E-17	0.46110697E-18
128	0.10023672E-17	-0.14938715E-17
129	0.80543465E-18	-0.22894724E-17
130	0.56891978E-18	-0.23516631E-17
131	0.34791860E-18	-0.20293574E-17
132	0.16774288E-18	-0.15662133E-17
133	0.34751279E-19	-0.11008089E-17
134	-0.54723148E-19	-0.70453248E-18
135	-0.10923786E-18	-0.40073556E-18

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.13776859E-18	-0.18388835E-18
137	-0.14840431E-18	-0.38704430E-19
138	-0.14707254E-18	0.59587009E-19
139	-0.13754180E-18	0.12623196E-18
140	-0.12269549E-18	0.16679690E-18
141	-0.10487913E-18	0.18646012E-18
142	-0.85942883E-19	0.18994079E-18
143	-0.67289889E-19	0.18145406E-18
144	-0.49928153E-19	0.16468491E-18
145	-0.34524225E-19	0.14277636E-18
146	-0.21457475E-19	0.11833002E-18
147	-0.10873719E-19	0.93418709E-19
148	-0.27369353E-20	0.69611339E-19
149	0.31220914E-20	0.48010222E-19
150	0.69614672E-20	0.29299849E-19
151	0.90892585E-20	0.13805399E-19
152	0.98307790E-20	0.15578996E-20
153	0.95025733E-20	-0.76375694E-20
154	0.83932054E-20	-0.14134828E-19
155	0.67505200E-20	-0.18384709E-19
156	0.47746905E-20	-0.20881780E-19
157	0.26160516E-20	-0.22122218E-19
158	0.37653702E-21	-0.22573946E-19
159	-0.18865023E-20	-0.22658616E-19

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.42265459E-03	-0.12376384E-03
2	0.41027821E-03	-0.12376420E-03
3	0.39790178E-03	-0.12376388E-03
4	0.38552561E-03	-0.12375800E-03
5	0.37315066E-03	-0.12373751E-03
6	0.36077903E-03	-0.12368933E-03
7	0.34841427E-03	-0.12359685E-03
8	0.33606178E-03	-0.12344096E-03
9	0.32372886E-03	-0.12320210E-03
10	0.31142528E-03	-0.12284522E-03
11	0.29916645E-03	-0.12228945E-03
12	0.28697844E-03	-0.12140227E-03
13	0.27490253E-03	-0.12001883E-03
14	0.26299688E-03	-0.11796963E-03
15	0.25133530E-03	-0.11511981E-03
16	0.24000113E-03	-0.11142344E-03
17	0.22907858E-03	-0.10688766E-03
18	0.21865158E-03	-0.10151247E-03
19	0.20880406E-03	-0.95297852E-04
20	0.19961999E-03	-0.88243818E-04
21	0.19118328E-03	-0.80350372E-04
22	0.18357790E-03	-0.71617505E-04
23	0.17688776E-03	-0.62045219E-04
24	0.17119684E-03	-0.51633520E-04
25	0.16658904E-03	-0.40382405E-04
26	0.16314833E-03	-0.28291870E-04
27	0.16095865E-03	-0.15361918E-04
28	0.16010393E-03	-0.15925493E-05
29	0.16066812E-03	0.13016237E-04
30	0.16269124E-03	0.27147247E-04
31	0.16603773E-03	0.39483290E-04
32	0.17052807E-03	0.50024366E-04
33	0.17598277E-03	0.58770471E-04
34	0.18222234E-03	0.65721608E-04
35	0.18906726E-03	0.70877781E-04
36	0.19633806E-03	0.74238982E-04
37	0.20385523E-03	0.75805219E-04
38	0.21143927E-03	0.75576485E-04
39	0.21891069E-03	0.73552786E-04
40	0.22608999E-03	0.69734117E-04
41	0.23279768E-03	0.64120482E-04
42	0.23885426E-03	0.56711877E-04
43	0.24408023E-03	0.47508307E-04

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24829610E-03	0.36509766E-04
45	0.25132234E-03	0.23716257E-04
46	0.25297952E-03	0.91277807E-05
47	0.25308807E-03	-0.72556631E-05
48	0.25146853E-03	-0.25434076E-04
49	0.24794144E-03	-0.45407454E-04
50	0.24232722E-03	-0.67175803E-04
51	0.23444643E-03	-0.90739122E-04
52	0.22411956E-03	-0.11609741E-03
53	0.21116712E-03	-0.14325065E-03
54	0.19540961E-03	-0.17219888E-03
55	0.17666751E-03	-0.20294206E-03
56	0.15478460E-03	-0.23478264E-03
57	0.12980959E-03	-0.26366528E-03
58	0.10247350E-03	-0.27988933E-03
59	0.74784308E-04	-0.26753568E-03
60	0.49892922E-04	-0.22738548E-03
61	0.29658935E-04	-0.17668356E-03
62	0.14542486E-04	-0.12639331E-03
63	0.41646654E-05	-0.82571263E-04
64	-0.22716208E-05	-0.47744852E-04
65	-0.56932781E-05	-0.22187643E-04
66	-0.69862067E-05	-0.49421506E-05
67	-0.69079633E-05	0.55156916E-05
68	-0.60536563E-05	0.10855891E-04
69	-0.48554434E-05	0.12636343E-04
70	-0.36013398E-05	0.12168233E-04
71	-0.24628687E-05	0.10467963E-04
72	-0.15245844E-05	0.82625766E-05
73	-0.81136136E-06	0.60269522E-05
74	-0.31101985E-06	0.40365508E-05
75	0.84489296E-08	0.24211533E-05
76	0.18678256E-06	0.12129080E-05
77	0.26364549E-06	0.38311137E-06
78	0.27393912E-06	-0.13065639E-06
79	0.24556527E-06	-0.40289220E-06
80	0.19901205E-06	-0.50558748E-06
81	0.14804554E-06	-0.50035027E-06
82	0.10093695E-06	-0.43526435E-06
83	0.61839287E-07	-0.34477995E-06
84	0.32078979E-07	-0.25135498E-06
85	0.11236267E-07	-0.16789070E-06
86	-0.20276267E-08	-0.10028043E-06
87	-0.93900612E-08	-0.49777430E-07
88	-0.12507329E-07	-0.15000905E-07
89	-0.12826728E-07	0.66810433E-08

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11506107E-07	0.18313374E-07
91	-0.94015533E-08	0.22820702E-07
92	-0.70957022E-08	0.22715970E-07
93	-0.49460005E-08	0.19982004E-07
94	-0.31387710E-08	0.16063963E-07
95	-0.17404801E-08	0.11927761E-07
96	-0.74119577E-09	0.81522487E-08
97	-0.88312940E-10	0.50282578E-08
98	0.28928598E-09	0.26491735E-08
99	0.46527601E-09	0.98271657E-09
100	0.50609805E-09	-0.75677721E-10
101	0.46592219E-09	-0.66061967E-09
102	0.38526587E-09	-0.90680935E-09
103	0.29192024E-09	-0.93220232E-09
104	0.20305793E-09	-0.83061963E-09
105	0.12774537E-09	-0.67056488E-09
106	0.69371058E-10	-0.49772692E-09
107	0.27721318E-10	-0.33924891E-09
108	0.59960337E-12	-0.20842103E-09
109	-0.15010665E-10	-0.10902645E-09
110	-0.22193974E-10	-0.39280499E-10
111	-0.23705994E-10	0.52885313E-11
112	-0.21791603E-10	0.30197483E-10
113	-0.18139551E-10	0.40914855E-10
114	-0.13921703E-10	0.42240100E-10
115	-0.98761485E-11	0.38026773E-10
116	-0.64056802E-11	0.31133492E-10
117	-0.36737098E-11	0.23512444E-10
118	-0.16872764E-11	0.16368858E-10
119	-0.36273965E-12	0.10341226E-10
120	0.42622286E-12	0.56712157E-11
121	0.81617303E-12	0.23412910E-11
122	0.93341166E-12	0.17928458E-12
123	0.88287873E-12	-0.10572575E-11
124	0.74441907E-12	-0.16200331E-11
125	0.57381519E-12	-0.17345163E-11
126	0.40637372E-12	-0.15832623E-11
127	0.26149989E-12	-0.13018944E-11
128	0.14725530E-12	-0.98271272E-12
129	0.64338475E-13	-0.68209712E-12
130	0.92479616E-14	-0.42911882E-12
131	-0.23405880E-13	-0.23375819E-12
132	-0.39369939E-13	-0.94385444E-13
133	-0.43897723E-13	-0.34553599E-14
134	-0.41342160E-13	0.49040290E-13
135	-0.35029305E-13	0.73346758E-13

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.27306469E-13	0.78643377E-13
137	-0.19684549E-13	0.72422435E-13
138	-0.13017738E-13	0.60328837E-13
139	-0.76837620E-14	0.46285841E-13
140	-0.37429018E-14	0.32772887E-13
141	-0.10660139E-14	0.21155043E-13
142	0.57030808E-15	0.12003237E-13
143	0.14184158E-14	0.53649013E-14
144	0.17179655E-14	0.96687900E-15
145	0.16720300E-14	-0.16239897E-14
146	0.14377683E-14	-0.28768331E-14
147	0.11269039E-14	-0.32224610E-14
148	0.81167075E-15	-0.30162504E-14
149	0.53309766E-15	-0.25267247E-14
150	0.30956362E-15	-0.19400654E-14
151	0.14443593E-15	-0.13728657E-14
152	0.32250872E-16	-0.88785422E-15
153	-0.36685652E-16	-0.50936453E-15
154	-0.73173045E-16	-0.23740526E-15
155	-0.87278096E-16	-0.58787911E-16
156	-0.87399368E-16	0.45767351E-16
157	-0.79893339E-16	0.97261266E-16
158	-0.69045858E-16	0.11579288E-15
159	-0.57238397E-16	0.11921540E-15

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.42265558E-03	-0.12377019E-03
2	0.41027856E-03	-0.12377019E-03
3	0.39790160E-03	-0.12376884E-03
4	0.38552500E-03	-0.12376129E-03
5	0.37314984E-03	-0.12373838E-03
6	0.36077827E-03	-0.12368691E-03
7	0.34841397E-03	-0.12359007E-03
8	0.33606243E-03	-0.12342866E-03
9	0.32373104E-03	-0.12318317E-03
10	0.31142976E-03	-0.12281883E-03
11	0.29917390E-03	-0.12225549E-03
12	0.28698967E-03	-0.12136185E-03
13	0.27491798E-03	-0.11997504E-03
14	0.26301664E-03	-0.11792838E-03
15	0.25135867E-03	-0.11509071E-03
16	0.24002657E-03	-0.11141107E-03
17	0.22910452E-03	-0.10688946E-03
18	0.21867674E-03	-0.10152588E-03
19	0.20882742E-03	-0.95320342E-04
20	0.19964074E-03	-0.88272827E-04
21	0.19120092E-03	-0.80383346E-04
22	0.18359214E-03	-0.71651899E-04
23	0.17689860E-03	-0.62078485E-04
24	0.17120451E-03	-0.51663104E-04
25	0.16659402E-03	-0.40406561E-04
26	0.16315118E-03	-0.28310191E-04
27	0.16095994E-03	-0.15374817E-04
28	0.16010417E-03	-0.16008775E-05
29	0.16066773E-03	0.13011462E-04
30	0.16269051E-03	0.27145034E-04
31	0.16603687E-03	0.39482766E-04
32	0.17052722E-03	0.50024835E-04
33	0.17598199E-03	0.58771413E-04
34	0.18222164E-03	0.65722685E-04
35	0.18906668E-03	0.70878799E-04
36	0.19633757E-03	0.74239884E-04
37	0.20385483E-03	0.75806012E-04
38	0.21143895E-03	0.75577183E-04
39	0.21891043E-03	0.73553390E-04
40	0.22608979E-03	0.69734633E-04
41	0.23279752E-03	0.64120919E-04
42	0.23885415E-03	0.56712241E-04
43	0.24408015E-03	0.47508602E-04

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24829604E-03	0.36510002E-04
45	0.25132232E-03	0.23716440E-04
46	0.25297949E-03	0.91279180E-05
47	0.25308807E-03	-0.72555667E-05
48	0.25146853E-03	-0.25434012E-04
49	0.24794144E-03	-0.45407418E-04
50	0.24232722E-03	-0.67175788E-04
51	0.23444644E-03	-0.90739115E-04
52	0.22411958E-03	-0.11609741E-03
53	0.21116712E-03	-0.14325067E-03
54	0.19540961E-03	-0.17219888E-03
55	0.17666751E-03	-0.20294207E-03
56	0.15478462E-03	-0.23478265E-03
57	0.12980959E-03	-0.26366531E-03
58	0.10247350E-03	-0.27988933E-03
59	0.74784308E-04	-0.26753568E-03
60	0.49892922E-04	-0.22738549E-03
61	0.29658935E-04	-0.17668356E-03
62	0.14542486E-04	-0.12639332E-03
63	0.41646649E-05	-0.82571263E-04
64	-0.22716210E-05	-0.47744852E-04
65	-0.56932786E-05	-0.22187643E-04
66	-0.69862067E-05	-0.49421506E-05
67	-0.69079638E-05	0.55156911E-05
68	-0.60536568E-05	0.10855891E-04
69	-0.48554439E-05	0.12636343E-04
70	-0.36013400E-05	0.12168234E-04
71	-0.24628689E-05	0.10467963E-04
72	-0.15245846E-05	0.82625775E-05
73	-0.81136147E-06	0.60269531E-05
74	-0.31101993E-06	0.40365512E-05
75	0.84489011E-08	0.24211538E-05
76	0.18678256E-06	0.12129083E-05
77	0.26364552E-06	0.38311146E-06
78	0.27393915E-06	-0.13065635E-06
79	0.24556530E-06	-0.40289220E-06
80	0.19901206E-06	-0.50558748E-06
81	0.14804556E-06	-0.50035027E-06
82	0.10093696E-06	-0.43526438E-06
83	0.61839295E-07	-0.34477998E-06
84	0.32078983E-07	-0.25135500E-06
85	0.11236270E-07	-0.16789072E-06
86	-0.20276261E-08	-0.10028044E-06
87	-0.93900612E-08	-0.49777437E-07
88	-0.12507329E-07	-0.15000909E-07
89	-0.12826728E-07	0.66810424E-08

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11506108E-07	0.18313374E-07
91	-0.94015542E-08	0.22820704E-07
92	-0.70957027E-08	0.22715971E-07
93	-0.49460009E-08	0.19982004E-07
94	-0.31387712E-08	0.16063963E-07
95	-0.17404802E-08	0.11927762E-07
96	-0.74119583E-09	0.81522495E-08
97	-0.88312954E-10	0.50282583E-08
98	0.28928601E-09	0.26491738E-08
99	0.46527604E-09	0.98271669E-09
100	0.50609811E-09	-0.75677707E-10
101	0.46592225E-09	-0.66061967E-09
102	0.38526590E-09	-0.90680941E-09
103	0.29192024E-09	-0.93220243E-09
104	0.20305795E-09	-0.83061968E-09
105	0.12774537E-09	-0.67056494E-09
106	0.69371058E-10	-0.49772692E-09
107	0.27721320E-10	-0.33924893E-09
108	0.59960300E-12	-0.20842104E-09
109	-0.15010666E-10	-0.10902646E-09
110	-0.22193976E-10	-0.39280502E-10
111	-0.23705997E-10	0.52885296E-11
112	-0.21791607E-10	0.30197483E-10
113	-0.18139552E-10	0.40914858E-10
114	-0.13921706E-10	0.42240107E-10
115	-0.98761502E-11	0.38026780E-10
116	-0.64056815E-11	0.31133495E-10
117	-0.36737102E-11	0.23512447E-10
118	-0.16872768E-11	0.16368859E-10
119	-0.36273984E-12	0.10341228E-10
120	0.42622283E-12	0.56712170E-11
121	0.81617308E-12	0.23412917E-11
122	0.93341177E-12	0.17928486E-12
123	0.88287889E-12	-0.10572575E-11
124	0.74441917E-12	-0.16200332E-11
125	0.57381530E-12	-0.17345165E-11
126	0.40637380E-12	-0.15832625E-11
127	0.26149994E-12	-0.13018946E-11
128	0.14725534E-12	-0.98271293E-12
129	0.64338502E-13	-0.68209723E-12
130	0.92479820E-14	-0.42911893E-12
131	-0.23405868E-13	-0.23375827E-12
132	-0.39369932E-13	-0.94385491E-13
133	-0.43897723E-13	-0.34553828E-14
134	-0.41342157E-13	0.49040280E-13
135	-0.35029305E-13	0.73346765E-13

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.27306467E-13	0.78643397E-13
137	-0.19684544E-13	0.72422469E-13
138	-0.13017729E-13	0.60328878E-13
139	-0.76837493E-14	0.46285875E-13
140	-0.37428861E-14	0.32772918E-13
141	-0.10659960E-14	0.21155056E-13
142	0.57032682E-15	0.12003240E-13
143	0.14184343E-14	0.53648958E-14
144	0.17179832E-14	0.96686947E-15
145	0.16720467E-14	-0.16240014E-14
146	0.14377838E-14	-0.28768470E-14
147	0.11269177E-14	-0.32224786E-14
148	0.81168266E-15	-0.30162733E-14
149	0.53310692E-15	-0.25267543E-14
150	0.30956955E-15	-0.19401023E-14
151	0.14443781E-15	-0.13729096E-14
152	0.32248073E-16	-0.88790361E-15
153	-0.36693586E-16	-0.50941753E-15
154	-0.73186373E-16	-0.23745981E-15
155	-0.87296896E-16	-0.58842532E-16
156	-0.87423587E-16	0.45713544E-16
157	-0.79922892E-16	0.97208419E-16
158	-0.69080659E-16	0.11574063E-15
159	-0.57278419E-16	0.11916332E-15

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.42265590E-03	-0.12385940E-03
2	0.41026997E-03	-0.12385911E-03
3	0.39788417E-03	-0.12385620E-03
4	0.38549904E-03	-0.12384380E-03
5	0.37311614E-03	-0.12380944E-03
6	0.36073849E-03	-0.12373527E-03
7	0.34837116E-03	-0.12359883E-03
8	0.33602165E-03	-0.12337454E-03
9	0.32370005E-03	-0.12303641E-03
10	0.31141951E-03	-0.12254412E-03
11	0.29919914E-03	-0.12181437E-03
12	0.28706889E-03	-0.12071699E-03
13	0.27507314E-03	-0.11909720E-03
14	0.26327180E-03	-0.11680640E-03
15	0.25173754E-03	-0.11374514E-03
16	0.24054939E-03	-0.10988556E-03
17	0.22978694E-03	-0.10523108E-03
18	0.21952967E-03	-0.99781697E-04
19	0.20985710E-03	-0.93537405E-04
20	0.20084869E-03	-0.86498214E-04
21	0.19258395E-03	-0.78664110E-04
22	0.18514236E-03	-0.70035108E-04
23	0.17860343E-03	-0.60611201E-04
24	0.17304662E-03	-0.50392387E-04
25	0.16855144E-03	-0.39378669E-04
26	0.16519739E-03	-0.27570046E-04
27	0.16306393E-03	-0.14966520E-04
28	0.16223057E-03	-0.15680888E-05
29	0.16277666E-03	0.12621001E-04
30	0.16473586E-03	0.26242764E-04
31	0.16796126E-03	0.37945709E-04
32	0.17226134E-03	0.47738442E-04
33	0.17744585E-03	0.55638433E-04
34	0.18332685E-03	0.61673309E-04
35	0.18971963E-03	0.65881854E-04
36	0.19644402E-03	0.68314366E-04
37	0.20332608E-03	0.69054120E-04
38	0.21020311E-03	0.68241963E-04
39	0.21692942E-03	0.66077759E-04
40	0.22338262E-03	0.62832456E-04
41	0.22947206E-03	0.58871799E-04
42	0.23514868E-03	0.54661796E-04
43	0.24041421E-03	0.50745562E-04

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24532655E-03	0.47692494E-04
45	0.24999856E-03	0.46015135E-04
46	0.25458648E-03	0.46045116E-04
47	0.25926792E-03	0.47884689E-04
48	0.26422375E-03	0.51533847E-04
49	0.26963500E-03	0.56992598E-04
50	0.27568260E-03	0.64260938E-04
51	0.28254749E-03	0.73338866E-04
52	0.29041068E-03	0.84226383E-04
53	0.29945310E-03	0.96923490E-04
54	0.30985571E-03	0.11143018E-03
55	0.32172480E-03	0.12550663E-03
56	0.33486803E-03	0.13691299E-03
57	0.34901840E-03	0.14564926E-03
58	0.36390888E-03	0.15171545E-03
59	0.37927247E-03	0.15511154E-03
60	0.39484218E-03	0.15583755E-03
61	0.41035100E-03	0.15389346E-03
62	0.42553188E-03	0.14927928E-03
63	0.44011784E-03	0.14199503E-03
64	0.45384187E-03	0.13204067E-03
65	0.46643696E-03	0.11941623E-03
66	0.47763612E-03	0.10412170E-03
67	0.48717231E-03	0.86157088E-04
68	0.49477851E-03	0.65522378E-04
69	0.50018780E-03	0.42217584E-04
70	0.50313305E-03	0.16242699E-04
71	0.50334731E-03	-0.12402274E-04
72	0.50056359E-03	-0.43717337E-04
73	0.49451482E-03	-0.77702491E-04
74	0.48493408E-03	-0.11435772E-03
75	0.47155429E-03	-0.15368305E-03
76	0.45410846E-03	-0.19567847E-03
77	0.43232960E-03	-0.24034399E-03
78	0.40595068E-03	-0.28767958E-03
79	0.37470469E-03	-0.33768525E-03
80	0.33832461E-03	-0.39036103E-03
81	0.29661268E-03	-0.44363094E-03
82	0.24983636E-03	-0.48976263E-03
83	0.19940757E-03	-0.51347172E-03
84	0.14867311E-03	-0.49124879E-03
85	0.10264110E-03	-0.42452716E-03
86	0.64388973E-04	-0.33916641E-03
87	0.34857923E-04	-0.25230253E-03
88	0.13640653E-04	-0.17407295E-03
89	-0.40817591E-06	-0.10938861E-03

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.87318658E-05	-0.59548212E-04
91	-0.12784156E-04	-0.23697929E-04
92	-0.13873074E-04	0.10369095E-06
93	-0.13084870E-04	0.14261715E-04
94	-0.11261116E-04	0.21208203E-04
95	-0.90104040E-05	0.23139486E-04
96	-0.67394349E-05	0.21884274E-04
97	-0.46924270E-05	0.18862724E-04
98	-0.29914893E-05	0.15103203E-04
99	-0.16734513E-05	0.11293730E-04
100	-0.72056883E-06	0.78494868E-05
101	-0.84351868E-07	0.49813043E-05
102	0.29717526E-06	0.27576191E-05
103	0.48782681E-06	0.11535799E-05
104	0.54584888E-06	0.88270262E-07
105	0.51988735E-06	-0.54484536E-06
106	0.44762518E-06	-0.85560032E-06
107	0.35618905E-06	-0.94370159E-06
108	0.26354599E-06	-0.89196908E-06
109	0.18032954E-06	-0.76420764E-06
110	0.11171736E-06	-0.60605936E-06
111	0.59131008E-07	-0.44751081E-06
112	0.21645045E-07	-0.30606697E-06
113	-0.29271736E-08	-0.18996676E-06
114	-0.17257355E-07	-0.10113803E-06
115	-0.24003105E-07	-0.37759115E-07
116	-0.25533419E-07	0.38925290E-08
117	-0.23799879E-07	0.28285758E-07
118	-0.20303204E-07	0.39870905E-07
119	-0.16120021E-07	0.42626382E-07
120	-0.11962741E-07	0.39837445E-07
121	-0.82529699E-08	0.34035374E-07
122	-0.51954530E-08	0.27039711E-07
123	-0.28445597E-08	0.20058094E-07
124	-0.11593968E-08	0.13809597E-07
125	-0.46359912E-10	0.86495104E-08
126	0.61024213E-09	0.46815312E-08
127	0.92766017E-09	0.18449674E-08
128	0.10116870E-08	-0.18057498E-10
129	0.94985753E-09	-0.11068154E-08
130	0.80941120E-09	-0.16229516E-08
131	0.63832423E-09	-0.17473778E-08
132	0.46802856E-09	-0.16290169E-08
133	0.31681888E-09	-0.13817157E-08
134	0.19329127E-09	-0.10862389E-08
135	0.99428611E-10	-0.79503665E-09

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.33140001E-10	-0.53815274E-09
137	-0.97973973E-11	-0.32913258E-09
138	-0.34365687E-10	-0.17048765E-09
139	-0.45443496E-10	-0.58299796E-10
140	-0.47336041E-10	0.14576278E-10
141	-0.43560936E-10	0.56471456E-10
142	-0.36801843E-10	0.75563771E-10
143	-0.28966855E-10	0.79095903E-10
144	-0.21303685E-10	0.72997414E-10
145	-0.14537491E-10	0.61795374E-10
146	-0.90072706E-11	0.48713488E-10
147	-0.47869699E-11	0.35866317E-10
148	-0.17850062E-11	0.24489173E-10
149	0.17932902E-12	0.15165961E-10
150	0.13214594E-11	0.80409533E-11
151	0.18559898E-11	0.29700517E-11
152	0.19732727E-11	-0.36676136E-12
153	0.18274449E-11	-0.23593577E-11
154	0.15332395E-11	-0.33968032E-11
155	0.11684118E-11	-0.38244165E-11
156	0.77941250E-12	-0.39203397E-11
157	0.38871684E-12	-0.38850763E-11
158	0.27695131E-14	-0.38386455E-11
159	-0.38002484E-12	-0.38225928E-11

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.42265462E-03	-0.12386116E-03
2	0.41026852E-03	-0.12386081E-03
3	0.39788257E-03	-0.12385764E-03
4	0.38549732E-03	-0.12384454E-03
5	0.37311440E-03	-0.12380877E-03
6	0.36073691E-03	-0.12373223E-03
7	0.34837009E-03	-0.12359218E-03
8	0.33602148E-03	-0.12336284E-03
9	0.32370136E-03	-0.12301815E-03
10	0.31142303E-03	-0.12251786E-03
11	0.29920574E-03	-0.12177903E-03
12	0.28707949E-03	-0.12067229E-03
13	0.27508865E-03	-0.11904418E-03
14	0.26329292E-03	-0.11674813E-03
15	0.25176452E-03	-0.11368749E-03
16	0.24058188E-03	-0.10983265E-03
17	0.22982445E-03	-0.10518362E-03
18	0.21957164E-03	-0.99740377E-04
19	0.20990285E-03	-0.93502946E-04
20	0.20089753E-03	-0.86471315E-04
21	0.19263507E-03	-0.78645484E-04
22	0.18519491E-03	-0.70025453E-04
23	0.17865645E-03	-0.60611226E-04
24	0.17309912E-03	-0.50402799E-04
25	0.16860236E-03	-0.39400176E-04
26	0.16524557E-03	-0.27603355E-04
27	0.16310817E-03	-0.15012336E-04
28	0.16226957E-03	-0.16271180E-05
29	0.16280921E-03	0.12552298E-04
30	0.16476140E-03	0.26172884E-04
31	0.16798006E-03	0.37881880E-04
32	0.17227423E-03	0.47684473E-04
33	0.17745391E-03	0.55595676E-04
34	0.18333118E-03	0.61641505E-04
35	0.18972129E-03	0.65859786E-04
36	0.19644389E-03	0.68300338E-04
37	0.20332489E-03	0.69046342E-04
38	0.21020137E-03	0.68238725E-04
39	0.21692751E-03	0.66077599E-04
40	0.22338082E-03	0.62834180E-04
41	0.22947048E-03	0.58874510E-04
42	0.23514738E-03	0.54664852E-04
43	0.24041322E-03	0.50748538E-04

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24532585E-03	0.47695157E-04
45	0.24999809E-03	0.46017372E-04
46	0.25458625E-03	0.46046909E-04
47	0.25926781E-03	0.47886071E-04
48	0.26422378E-03	0.51534884E-04
49	0.26963511E-03	0.56993358E-04
50	0.27568277E-03	0.64261483E-04
51	0.28254773E-03	0.73339230E-04
52	0.29041094E-03	0.84226594E-04
53	0.29945336E-03	0.96923577E-04
54	0.30985597E-03	0.11143017E-03
55	0.32172506E-03	0.12550654E-03
56	0.33486827E-03	0.13691283E-03
57	0.34901861E-03	0.14564904E-03
58	0.36390909E-03	0.15171518E-03
59	0.37927265E-03	0.15511125E-03
60	0.39484233E-03	0.15583725E-03
61	0.41035112E-03	0.15389317E-03
62	0.42553197E-03	0.14927902E-03
63	0.44011790E-03	0.14199478E-03
64	0.45384193E-03	0.13204048E-03
65	0.46643699E-03	0.11941609E-03
66	0.47763612E-03	0.10412159E-03
67	0.48717231E-03	0.86157015E-04
68	0.49477851E-03	0.65522334E-04
69	0.50018780E-03	0.42217562E-04
70	0.50313305E-03	0.16242691E-04
71	0.50334731E-03	-0.12402272E-04
72	0.50056359E-03	-0.43717329E-04
73	0.49451482E-03	-0.77702476E-04
74	0.48493408E-03	-0.11435772E-03
75	0.47155429E-03	-0.15368305E-03
76	0.45410846E-03	-0.19567847E-03
77	0.43232960E-03	-0.24034397E-03
78	0.40595068E-03	-0.28767958E-03
79	0.37470469E-03	-0.33768525E-03
80	0.33832461E-03	-0.39036103E-03
81	0.29661268E-03	-0.44363094E-03
82	0.24983636E-03	-0.48976263E-03
83	0.19940757E-03	-0.51347172E-03
84	0.14867311E-03	-0.49124879E-03
85	0.10264110E-03	-0.42452716E-03
86	0.64388973E-04	-0.33916641E-03
87	0.34857923E-04	-0.25230253E-03
88	0.13640653E-04	-0.17407295E-03
89	-0.40817579E-06	-0.10938861E-03

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.87318658E-05	-0.59548212E-04
91	-0.12784156E-04	-0.23697930E-04
92	-0.13873074E-04	0.10369080E-06
93	-0.13084870E-04	0.14261715E-04
94	-0.11261116E-04	0.21208203E-04
95	-0.90104040E-05	0.23139486E-04
96	-0.67394349E-05	0.21884274E-04
97	-0.46924270E-05	0.18862724E-04
98	-0.29914893E-05	0.15103203E-04
99	-0.16734513E-05	0.11293730E-04
100	-0.72056883E-06	0.78494868E-05
101	-0.84351875E-07	0.49813043E-05
102	0.29717526E-06	0.27576191E-05
103	0.48782681E-06	0.11535799E-05
104	0.54584888E-06	0.88270269E-07
105	0.51988735E-06	-0.54484536E-06
106	0.44762518E-06	-0.85560032E-06
107	0.35618905E-06	-0.94370159E-06
108	0.26354599E-06	-0.89196908E-06
109	0.18032954E-06	-0.76420764E-06
110	0.11171736E-06	-0.60605936E-06
111	0.59131008E-07	-0.44751081E-06
112	0.21645045E-07	-0.30606697E-06
113	-0.29271734E-08	-0.18996676E-06
114	-0.17257355E-07	-0.10113803E-06
115	-0.24003105E-07	-0.37759115E-07
116	-0.25533419E-07	0.38925290E-08
117	-0.23799879E-07	0.28285758E-07
118	-0.20303204E-07	0.39870905E-07
119	-0.16120021E-07	0.42626382E-07
120	-0.11962741E-07	0.39837445E-07
121	-0.82529699E-08	0.34035374E-07
122	-0.51954530E-08	0.27039711E-07
123	-0.28445597E-08	0.20058094E-07
124	-0.11593968E-08	0.13809597E-07
125	-0.46359919E-10	0.86495104E-08
126	0.61024213E-09	0.46815312E-08
127	0.92766017E-09	0.18449674E-08
128	0.10116870E-08	-0.18057491E-10
129	0.94985753E-09	-0.11068154E-08
130	0.80941120E-09	-0.16229516E-08
131	0.63832423E-09	-0.17473778E-08
132	0.46802856E-09	-0.16290169E-08
133	0.31681888E-09	-0.13817157E-08
134	0.19329127E-09	-0.10862389E-08
135	0.99428611E-10	-0.79503665E-09

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.33140001E-10	-0.53815274E-09
137	-0.97973973E-11	-0.32913258E-09
138	-0.34365687E-10	-0.17048765E-09
139	-0.45443496E-10	-0.58299796E-10
140	-0.47336041E-10	0.14576276E-10
141	-0.43560936E-10	0.56471456E-10
142	-0.36801843E-10	0.75563771E-10
143	-0.28966855E-10	0.79095903E-10
144	-0.21303685E-10	0.72997414E-10
145	-0.14537491E-10	0.61795374E-10
146	-0.90072706E-11	0.48713488E-10
147	-0.47869699E-11	0.35866317E-10
148	-0.17850062E-11	0.24489173E-10
149	0.17932900E-12	0.15165961E-10
150	0.13214593E-11	0.80409533E-11
151	0.18559898E-11	0.29700517E-11
152	0.19732727E-11	-0.36676147E-12
153	0.18274447E-11	-0.23593579E-11
154	0.15332395E-11	-0.33968032E-11
155	0.11684118E-11	-0.38244165E-11
156	0.77941245E-12	-0.39203397E-11
157	0.38871676E-12	-0.38850763E-11
158	0.27694223E-14	-0.38386455E-11
159	-0.38002495E-12	-0.38225928E-11

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.42265450E-03	-0.12386232E-03
2	0.41026829E-03	-0.12386197E-03
3	0.39788219E-03	-0.12385877E-03
4	0.38549685E-03	-0.12384556E-03
5	0.37311384E-03	-0.12380954E-03
6	0.36073630E-03	-0.12373253E-03
7	0.34836947E-03	-0.12359172E-03
8	0.33602095E-03	-0.12336121E-03
9	0.32370110E-03	-0.12301485E-03
10	0.31142318E-03	-0.12251236E-03
11	0.29920659E-03	-0.12177076E-03
12	0.28708132E-03	-0.12066079E-03
13	0.27509182E-03	-0.11902917E-03
14	0.26329776E-03	-0.11672973E-03
15	0.25177133E-03	-0.11366644E-03
16	0.24059089E-03	-0.10981005E-03
17	0.22983576E-03	-0.10516058E-03
18	0.21958521E-03	-0.99718018E-04
19	0.20991858E-03	-0.93482369E-04
20	0.20091518E-03	-0.86453627E-04
21	0.19265429E-03	-0.78631805E-04
22	0.18521525E-03	-0.70016897E-04
23	0.17867735E-03	-0.60608905E-04
24	0.17311990E-03	-0.50407834E-04
25	0.16862222E-03	-0.39413688E-04
26	0.16526360E-03	-0.27626469E-04
27	0.16312336E-03	-0.15046180E-04
28	0.16228080E-03	-0.16728227E-05
29	0.16281524E-03	0.12493604E-04
30	0.16476086E-03	0.26099973E-04
31	0.16797146E-03	0.37793478E-04
32	0.17225598E-03	0.47580004E-04
33	0.17742447E-03	0.55476656E-04
34	0.18328932E-03	0.61513114E-04
35	0.18966653E-03	0.65732718E-04
36	0.19637721E-03	0.68192770E-04
37	0.20324952E-03	0.68985806E-04
38	0.21012386E-03	0.68263747E-04
39	0.21685883E-03	0.66238492E-04
40	0.22333754E-03	0.63192565E-04
41	0.22947582E-03	0.59500646E-04
42	0.23523177E-03	0.55631939E-04
43	0.24061419E-03	0.52122843E-04

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24568659E-03	0.49520891E-04
45	0.25056425E-03	0.48295384E-04
46	0.25540020E-03	0.48706435E-04
47	0.26036202E-03	0.50812057E-04
48	0.26561908E-03	0.54611017E-04
49	0.27134063E-03	0.60101829E-04
50	0.27769577E-03	0.67282825E-04
51	0.28485345E-03	0.76152312E-04
52	0.29298247E-03	0.86708802E-04
53	0.30225143E-03	0.98951423E-04
54	0.31282895E-03	0.11288042E-03
55	0.32480719E-03	0.12619983E-03
56	0.33797216E-03	0.13661631E-03
57	0.35203397E-03	0.14413820E-03
58	0.36670375E-03	0.14877846E-03
59	0.38169423E-03	0.15055550E-03
60	0.39672022E-03	0.14949385E-03
61	0.41150014E-03	0.14564638E-03
62	0.42576090E-03	0.13914114E-03
63	0.43924749E-03	0.13021046E-03
64	0.45173359E-03	0.11919732E-03
65	0.46303266E-03	0.10655436E-03
66	0.47300843E-03	0.92830436E-04
67	0.48158449E-03	0.78678815E-04
68	0.48875622E-03	0.64888569E-04
69	0.49460412E-03	0.52356474E-04
70	0.49929938E-03	0.41979009E-04
71	0.50309597E-03	0.34483572E-04
72	0.50630263E-03	0.30185707E-04
73	0.50924037E-03	0.29104824E-04
74	0.51223085E-03	0.31240921E-04
75	0.51559578E-03	0.36593996E-04
76	0.51965687E-03	0.45164055E-04
77	0.52473583E-03	0.56951096E-04
78	0.53115434E-03	0.71955117E-04
79	0.53923408E-03	0.90176116E-04
80	0.54918946E-03	0.10839407E-03
81	0.56080549E-03	0.12338896E-03
82	0.57375978E-03	0.13516078E-03
83	0.58773020E-03	0.14370952E-03
84	0.60239428E-03	0.14903519E-03
85	0.61742979E-03	0.15113779E-03
86	0.63251442E-03	0.15001732E-03
87	0.64732583E-03	0.14567378E-03
88	0.66154171E-03	0.13810718E-03
89	0.67483983E-03	0.12731750E-03

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.68689778E-03	0.11330475E-03
91	0.69739332E-03	0.96068929E-04
92	0.70600415E-03	0.75610034E-04
93	0.71240793E-03	0.51928069E-04
94	0.71628229E-03	0.25023037E-04
95	0.71730505E-03	-0.51050661E-05
96	0.71515387E-03	-0.38456241E-04
97	0.70950639E-03	-0.75030490E-04
98	0.70004031E-03	-0.11482780E-03
99	0.68643340E-03	-0.15784819E-03
100	0.66836324E-03	-0.20409164E-03
101	0.64550765E-03	-0.25355819E-03
102	0.61754417E-03	-0.30624776E-03
103	0.58415061E-03	-0.36216044E-03
104	0.54500467E-03	-0.42129619E-03
105	0.49978396E-03	-0.48365499E-03
106	0.44816622E-03	-0.54923689E-03
107	0.38992526E-03	-0.61515893E-03
108	0.32547716E-03	-0.67079969E-03
109	0.25680178E-03	-0.69534662E-03
110	0.18850461E-03	-0.65699016E-03
111	0.12739221E-03	-0.55897958E-03
112	0.77471130E-04	-0.43809583E-03
113	0.39744074E-04	-0.31808112E-03
114	0.13376353E-04	-0.21242291E-03
115	-0.34195721E-05	-0.12713663E-03
116	-0.12766430E-04	-0.63314052E-04
117	-0.16737980E-04	-0.19159383E-04
118	-0.17145023E-04	0.85937718E-05
119	-0.15440895E-04	0.23696806E-04
120	-0.12707070E-04	0.29757628E-04
121	-0.96868907E-05	0.29892844E-04
122	-0.68433687E-05	0.26582016E-04
123	-0.44244330E-05	0.21652817E-04
124	-0.25254005E-05	0.16345763E-04
125	-0.11425394E-05	0.11420946E-04
126	-0.21525223E-06	0.72749058E-05
127	0.34312868E-06	0.40494720E-05
128	0.62465926E-06	0.17245511E-05
129	0.71429088E-06	0.18719015E-06
130	0.68313983E-06	-0.71889417E-06
131	0.58611755E-06	-0.11568146E-05
132	0.46244392E-06	-0.12747253E-05
133	0.33775964E-06	-0.11950208E-05
134	0.22691539E-06	-0.10110471E-05
135	0.13683508E-06	-0.78852781E-06

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.69088891E-07	-0.56963671E-06
137	0.21995820E-07	-0.37810307E-06
138	-0.77885591E-08	-0.22427454E-06
139	-0.24168369E-07	-0.10972440E-06
140	-0.30924806E-07	-0.30915253E-07
141	-0.31339475E-07	0.18252154E-07
142	-0.28032650E-07	0.44671278E-07
143	-0.22944384E-07	0.54915503E-07
144	-0.17400579E-07	0.54628828E-07
145	-0.12220755E-07	0.48278075E-07
146	-0.78379170E-08	0.39138758E-07
147	-0.44122652E-08	0.29421575E-07
148	-0.19280695E-08	0.20470361E-07
149	-0.26965732E-09	0.12975215E-07
150	0.72328821E-09	0.71695134E-08
151	0.12185948E-08	0.29942957E-08
152	0.13689416E-08	0.22290789E-09
153	0.12999034E-08	-0.14466680E-08
154	0.11059514E-08	-0.23259425E-08
155	0.85169777E-09	-0.26957310E-08
156	0.57617144E-09	-0.27845330E-08
157	0.29860572E-09	-0.27588987E-08
158	0.24813198E-10	-0.27206204E-08
159	-0.24633975E-09	-0.27069840E-08

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.42265450E-03	-0.12386234E-03
2	0.41026829E-03	-0.12386199E-03
3	0.39788219E-03	-0.12385879E-03
4	0.38549685E-03	-0.12384557E-03
5	0.37311384E-03	-0.12380956E-03
6	0.36073630E-03	-0.12373253E-03
7	0.34836945E-03	-0.12359170E-03
8	0.33602095E-03	-0.12336118E-03
9	0.32370110E-03	-0.12301479E-03
10	0.31142321E-03	-0.12251227E-03
11	0.29920659E-03	-0.12177063E-03
12	0.28708135E-03	-0.12066061E-03
13	0.27509188E-03	-0.11902895E-03
14	0.26329781E-03	-0.11672946E-03
15	0.25177145E-03	-0.11366614E-03
16	0.24059103E-03	-0.10980974E-03
17	0.22983592E-03	-0.10516028E-03
18	0.21958542E-03	-0.99717749E-04
19	0.20991881E-03	-0.93482151E-04
20	0.20091541E-03	-0.86453481E-04
21	0.19265455E-03	-0.78631747E-04
22	0.18521550E-03	-0.70016940E-04
23	0.17867760E-03	-0.60609069E-04
24	0.17312012E-03	-0.50408125E-04
25	0.16862240E-03	-0.39414113E-04
26	0.16526374E-03	-0.27627031E-04
27	0.16312343E-03	-0.15046882E-04
28	0.16228079E-03	-0.16736687E-05
29	0.16281514E-03	0.12492605E-04
30	0.16476066E-03	0.26098822E-04
31	0.16797114E-03	0.37792201E-04
32	0.17225553E-03	0.47578669E-04
33	0.17742388E-03	0.55475386E-04
34	0.18328860E-03	0.61512124E-04
35	0.18966575E-03	0.65732318E-04
36	0.19637642E-03	0.68193389E-04
37	0.20324888E-03	0.68987989E-04
38	0.21012354E-03	0.68268142E-04
39	0.21685909E-03	0.66245833E-04
40	0.22333872E-03	0.63203581E-04
41	0.22947830E-03	0.59515965E-04
42	0.23523603E-03	0.55651890E-04
43	0.24062066E-03	0.52147250E-04

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24569567E-03	0.49548744E-04
45	0.25057621E-03	0.48324462E-04
46	0.25541498E-03	0.48732902E-04
47	0.26037914E-03	0.50831695E-04
48	0.26563767E-03	0.54620843E-04
49	0.27135966E-03	0.60100345E-04
50	0.27771411E-03	0.67270201E-04
51	0.28487004E-03	0.76130411E-04
52	0.29299653E-03	0.86680971E-04
53	0.30226258E-03	0.98921890E-04
54	0.31283722E-03	0.11285278E-03
55	0.32481286E-03	0.12617600E-03
56	0.33797568E-03	0.13659702E-03
57	0.35203580E-03	0.14412343E-03
58	0.36670431E-03	0.14876777E-03
59	0.38169388E-03	0.15054827E-03
60	0.39671932E-03	0.14948947E-03
61	0.41149891E-03	0.14564431E-03
62	0.42575959E-03	0.13914100E-03
63	0.43924624E-03	0.13021209E-03
64	0.45173257E-03	0.11920075E-03
65	0.46303208E-03	0.10655979E-03
66	0.47300852E-03	0.92838192E-04
67	0.48158548E-03	0.78689263E-04
68	0.48875844E-03	0.64901986E-04
69	0.49460778E-03	0.52372900E-04
70	0.49930479E-03	0.41998013E-04
71	0.50310342E-03	0.34504035E-04
72	0.50631212E-03	0.30205500E-04
73	0.50925172E-03	0.29121831E-04
74	0.51224371E-03	0.31254069E-04
75	0.51560975E-03	0.36603000E-04
76	0.51967154E-03	0.45169170E-04
77	0.52475085E-03	0.56952918E-04
78	0.53116935E-03	0.71954404E-04
79	0.53924898E-03	0.90173635E-04
80	0.54920401E-03	0.10839027E-03
81	0.56081958E-03	0.12338399E-03
82	0.57377340E-03	0.13515478E-03
83	0.58774312E-03	0.14370267E-03
84	0.60240651E-03	0.14902765E-03
85	0.61744120E-03	0.15112970E-03
86	0.63252501E-03	0.15000884E-03
87	0.64733555E-03	0.14566506E-03
88	0.66155056E-03	0.13809837E-03
89	0.67484780E-03	0.12730877E-03

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.68690488E-03	0.11329626E-03
91	0.69739961E-03	0.96060823E-04
92	0.70600962E-03	0.75602475E-04
93	0.71241270E-03	0.51921164E-04
94	0.71628642E-03	0.25016814E-04
95	0.71730861E-03	-0.51106263E-05
96	0.71515690E-03	-0.38461185E-04
97	0.70950895E-03	-0.75034877E-04
98	0.70004247E-03	-0.11483170E-03
99	0.68643515E-03	-0.15785164E-03
100	0.66836469E-03	-0.20409470E-03
101	0.64550876E-03	-0.25356087E-03
102	0.61754510E-03	-0.30625015E-03
103	0.58415130E-03	-0.36216248E-03
104	0.54500514E-03	-0.42129791E-03
105	0.49978431E-03	-0.48365642E-03
106	0.44816642E-03	-0.54923800E-03
107	0.38992535E-03	-0.61515975E-03
108	0.32547719E-03	-0.67080022E-03
109	0.25680178E-03	-0.69534691E-03
110	0.18850458E-03	-0.65699033E-03
111	0.12739218E-03	-0.55897963E-03
112	0.77471093E-04	-0.43809583E-03
113	0.39744042E-04	-0.31808109E-03
114	0.13376325E-04	-0.21242285E-03
115	-0.34195934E-05	-0.12713656E-03
116	-0.12766445E-04	-0.63313993E-04
117	-0.16737989E-04	-0.19159335E-04
118	-0.17145030E-04	0.85938082E-05
119	-0.15440899E-04	0.23696830E-04
120	-0.12707070E-04	0.29757643E-04
121	-0.96868898E-05	0.29892853E-04
122	-0.68433674E-05	0.26582020E-04
123	-0.44244316E-05	0.21652817E-04
124	-0.25253994E-05	0.16345763E-04
125	-0.11425382E-05	0.11420943E-04
126	-0.21525132E-06	0.72749035E-05
127	0.34312933E-06	0.40494697E-05
128	0.62465966E-06	0.17245492E-05
129	0.71429116E-06	0.18718862E-06
130	0.68313994E-06	-0.71889525E-06
131	0.58611755E-06	-0.11568153E-05
132	0.46244389E-06	-0.12747257E-05
133	0.33775959E-06	-0.11950209E-05
134	0.22691535E-06	-0.10110472E-05
135	0.13683503E-06	-0.78852781E-06

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.69088841E-07	-0.56963660E-06
137	0.21995781E-07	-0.37810298E-06
138	-0.77885884E-08	-0.22427444E-06
139	-0.24168388E-07	-0.10972431E-06
140	-0.30924816E-07	-0.30915185E-07
141	-0.31339482E-07	0.18252203E-07
142	-0.28032654E-07	0.44671310E-07
143	-0.22944384E-07	0.54915525E-07
144	-0.17400579E-07	0.54628838E-07
145	-0.12220752E-07	0.48278078E-07
146	-0.78379143E-08	0.39138758E-07
147	-0.44122630E-08	0.29421573E-07
148	-0.19280679E-08	0.20470358E-07
149	-0.26965608E-09	0.12975210E-07
150	0.72328910E-09	0.71695099E-08
151	0.12185953E-08	0.29942928E-08
152	0.13689420E-08	0.22290576E-09
153	0.12999035E-08	-0.14466695E-08
154	0.11059514E-08	-0.23259437E-08
155	0.85169771E-09	-0.26957314E-08
156	0.57617133E-09	-0.27845335E-08
157	0.29860558E-09	-0.27588989E-08
158	0.24813044E-10	-0.27206204E-08
159	-0.24633992E-09	-0.27069842E-08

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.42266E-03	6
2	-0.10000	0.41028E-03	5
3	-0.20000	0.39790E-03	4
4	-0.30000	0.38553E-03	4
5	-0.40000	0.37315E-03	4
6	-0.50000	0.36078E-03	4
7	-0.60000	0.34841E-03	4
8	-0.70000	0.33606E-03	5
9	-0.80000	0.32373E-03	5
10	-0.90000	0.31143E-03	5
11	-1.0000	0.29921E-03	9
12	-1.1000	0.28708E-03	9
13	-1.2000	0.27509E-03	9
14	-1.3000	0.26330E-03	9
15	-1.4000	0.25177E-03	9
16	-1.5000	0.24059E-03	9
17	-1.6000	0.22984E-03	9
18	-1.7000	0.21959E-03	9
19	-1.8000	0.20992E-03	9
20	-1.9000	0.20092E-03	9
21	-2.0000	0.19265E-03	9
22	-2.1000	0.18522E-03	9
23	-2.2000	0.17868E-03	9
24	-2.3000	0.17312E-03	9
25	-2.4000	0.16862E-03	9
26	-2.5000	0.16526E-03	9
27	-2.6000	0.16312E-03	9
28	-2.7000	0.16228E-03	8
29	-2.8000	0.16282E-03	8
30	-2.9000	0.16476E-03	7
31	-3.0000	0.16798E-03	7
32	-3.1000	0.17227E-03	7
33	-3.2000	0.17745E-03	7
34	-3.3000	0.18333E-03	7
35	-3.4000	0.18972E-03	7
36	-3.5000	0.19644E-03	6
37	-3.6000	0.20386E-03	4
38	-3.7000	0.21144E-03	4

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.21891E-03	4
40	-3.9000	0.22609E-03	4
41	-4.0000	0.23280E-03	4
42	-4.1000	0.23885E-03	4
43	-4.2000	0.24408E-03	4
44	-4.3000	0.24830E-03	4
45	-4.4000	0.25132E-03	4
46	-4.5000	0.25541E-03	9
47	-4.6000	0.26038E-03	9
48	-4.7000	0.26564E-03	9
49	-4.8000	0.27136E-03	9
50	-4.9000	0.27771E-03	9
51	-5.0000	0.28487E-03	9
52	-5.1000	0.29300E-03	9
53	-5.2000	0.30226E-03	9
54	-5.3000	0.31284E-03	9
55	-5.4000	0.32481E-03	9
56	-5.5000	0.33798E-03	9
57	-5.6000	0.35204E-03	9
58	-5.7000	0.36670E-03	9
59	-5.8000	0.38169E-03	8
60	-5.9000	0.39672E-03	8
61	-6.0000	0.41150E-03	8
62	-6.1000	0.42576E-03	8
63	-6.2000	0.44012E-03	7
64	-6.3000	0.45384E-03	7
65	-6.4000	0.46644E-03	7
66	-6.5000	0.47764E-03	7
67	-6.6000	0.48717E-03	7
68	-6.7000	0.49478E-03	7
69	-6.8000	0.50019E-03	7
70	-6.9000	0.50313E-03	7
71	-7.0000	0.50335E-03	7
72	-7.1000	0.50631E-03	9
73	-7.2000	0.50925E-03	9
74	-7.3000	0.51224E-03	9
75	-7.4000	0.51561E-03	9
76	-7.5000	0.51967E-03	9
77	-7.6000	0.52475E-03	9
78	-7.7000	0.53117E-03	9
79	-7.8000	0.53925E-03	9
80	-7.9000	0.54920E-03	9
81	-8.0000	0.56082E-03	9
82	-8.1000	0.57377E-03	9
83	-8.2000	0.58774E-03	9
84	-8.3000	0.60241E-03	9

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.61744E-03	9
86	-8.5000	0.63253E-03	9
87	-8.6000	0.64734E-03	9
88	-8.7000	0.66155E-03	9
89	-8.8000	0.67485E-03	9
90	-8.9000	0.68690E-03	9
91	-9.0000	0.69740E-03	9
92	-9.1000	0.70601E-03	9
93	-9.2000	0.71241E-03	9
94	-9.3000	0.71629E-03	9
95	-9.4000	0.71731E-03	9
96	-9.5000	0.71516E-03	9
97	-9.6000	0.70951E-03	9
98	-9.7000	0.70004E-03	9
99	-9.8000	0.68644E-03	9
100	-9.9000	0.66836E-03	9
101	-10.000	0.64551E-03	9
102	-10.100	0.61755E-03	9
103	-10.200	0.58415E-03	9
104	-10.300	0.54501E-03	9
105	-10.400	0.49978E-03	9
106	-10.500	0.44817E-03	9
107	-10.600	0.38993E-03	9
108	-10.700	0.32548E-03	9
109	-10.800	0.25680E-03	9
110	-10.900	0.18850E-03	8
111	-11.000	0.12739E-03	8
112	-11.100	0.77471E-04	8
113	-11.200	0.39744E-04	8
114	-11.300	0.13376E-04	8
115	-11.400	-0.34196E-05	9
116	-11.500	-0.12766E-04	9
117	-11.600	-0.16738E-04	9
118	-11.700	-0.17145E-04	9
119	-11.800	-0.15441E-04	9
120	-11.900	-0.12707E-04	9
121	-12.000	-0.96869E-05	8
122	-12.100	-0.68434E-05	8
123	-12.200	-0.44244E-05	8
124	-12.300	-0.25254E-05	8
125	-12.400	-0.11425E-05	8
126	-12.500	-0.21525E-06	8
127	-12.600	0.34313E-06	9
128	-12.700	0.62466E-06	9
129	-12.800	0.71429E-06	9
130	-12.900	0.68314E-06	9

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	0.58612E-06	9
132	-13.100	0.46244E-06	8
133	-13.200	0.33776E-06	8
134	-13.300	0.22692E-06	8
135	-13.400	0.13684E-06	8
136	-13.500	0.69089E-07	8
137	-13.600	0.21996E-07	8
138	-13.700	-0.77886E-08	9
139	-13.800	-0.24168E-07	9
140	-13.900	-0.30925E-07	9
141	-14.000	-0.31339E-07	9
142	-14.100	-0.28033E-07	9
143	-14.200	-0.22944E-07	9
144	-14.300	-0.17401E-07	9
145	-14.400	-0.12221E-07	8
146	-14.500	-0.78379E-08	8
147	-14.600	-0.44123E-08	8
148	-14.700	-0.19281E-08	8
149	-14.800	-0.26966E-09	8
150	-14.900	0.72329E-09	9
151	-15.000	0.12186E-08	9
152	-15.100	0.13689E-08	9
153	-15.200	0.12999E-08	9
154	-15.300	0.11060E-08	9
155	-15.400	0.85170E-09	8
156	-15.500	0.57617E-09	8
157	-15.600	0.29861E-09	8
158	-15.700	0.24813E-10	8
159	-15.800	-0.24634E-09	9

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 9
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.1332E-12	0.9237E-13	0.2688E-03
	B	-0.1000	0.2669E-04	0.2688E-04	0.2688E-03
2	A	-0.1000	0.2669E-04	0.2688E-04	0.1888E-02
	B	-0.2000	0.2155E-03	0.2736E-12	0.1888E-02
3	A	-0.2000	0.2155E-03	0.2665E-12	0.5674E-02
	B	-0.3000	0.7829E-03	0.2629E-12	0.5674E-02
4	A	-0.3000	0.7829E-03	0.4547E-12	0.1157E-01
	B	-0.4000	0.1940E-02	0.2274E-12	0.1157E-01
5	A	-0.4000	0.1940E-02	0.3126E-12	0.1942E-01
	B	-0.5000	0.3882E-02	0.3979E-12	0.1942E-01
6	A	-0.5000	0.3882E-02	0.4778E-12	0.2882E-01
	B	-0.6000	0.6764E-02	0.1954E-12	0.2882E-01
7	A	-0.6000	0.6764E-02	0.3038E-12	0.3899E-01
	B	-0.7000	0.1066E-01	0.6004E-12	0.3899E-01
8	A	-0.7000	0.1066E-01	0.5578E-12	0.4860E-01
	B	-0.8000	0.1552E-01	0.8171E-12	0.4860E-01
9	A	-0.8000	0.1552E-01	0.9237E-12	0.6945E-01
	B	-0.9000	0.2247E-01	0.1108E-11	0.6945E-01
10	A	-0.9000	0.2247E-01	0.1199E-11	0.1113
	B	-1.000	0.3360E-01	0.1354E-11	0.1113
11	A	-1.000	0.3360E-01	0.1371E-11	0.1672
	B	-1.100	0.5032E-01	0.1691E-11	0.1672
12	A	-1.100	0.5032E-01	0.1757E-11	0.2278
	B	-1.200	0.7304E-01	0.1943E-11	0.2278
13	A	-1.200	0.7304E-01	0.1929E-11	0.2826
	B	-1.300	0.1008	0.2053E-11	0.2826
14	A	-1.300	0.1008	0.2133E-11	0.3227
	B	-1.400	0.1309	0.2554E-11	0.3227
15	A	-1.400	0.1309	0.2558E-11	0.3183
	B	-1.500	0.1609	0.2728E-11	0.3183
16	A	-1.500	0.1609	0.2796E-11	0.3183
	B	-1.600	0.1910	0.2935E-11	0.3183
17	A	-1.600	0.1910	0.2963E-11	0.3183
	B	-1.700	0.2210	0.3283E-11	0.3183

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.2210	0.3300E-11	0.3183
	B	-1.800	0.2511	0.3460E-11	0.3183
19	A	-1.800	0.2511	0.3430E-11	0.3183
	B	-1.900	0.2825	0.3656E-11	0.3183
20	A	-1.900	0.2825	0.3691E-11	0.3183
	B	-2.000	0.3142	0.3816E-11	0.3183
21	A	-2.000	0.3142	0.3864E-11	0.3183
	B	-2.100	0.3460	0.4210E-11	0.3183
22	A	-2.100	0.3460	0.4153E-11	0.3183
	B	-2.200	0.3778	0.5766E-11	0.3183
23	A	-2.200	0.3778	0.5739E-11	0.3183
	B	-2.300	0.4096	0.3053E-10	0.3183
24	A	-2.300	0.4096	0.3041E-10	0.3177
	B	-2.400	0.4414	0.5531E-10	0.3177
25	A	-2.400	0.4414	0.5532E-10	0.3173
	B	-2.500	0.4731	0.8018E-10	0.3173
26	A	-2.500	0.4731	0.8021E-10	0.3173
	B	-2.600	0.5048	0.1050E-09	0.3173
27	A	-2.600	0.5048	0.1050E-09	0.3173
	B	-2.700	0.5365	0.1298E-09	0.3173
28	A	-2.700	0.5365	0.1298E-09	0.3173
	B	-2.800	0.5682	0.1547E-09	0.3173
29	A	-2.800	0.5682	0.1547E-09	0.7262
	B	-2.900	0.5003	0.1854E-09	0.7262
30	A	-2.900	0.5003	0.1854E-09	0.7245
	B	-3.000	0.4324	0.2161E-09	0.7245
31	A	-3.000	0.4324	0.2161E-09	0.7197
	B	-3.100	0.3646	0.	0.7197
32	A	-3.100	0.3646	0.	1.983
	B	-3.200	0.2967	0.	1.983
33	A	-3.200	0.2967	0.	5.897
	B	-3.300	0.7894	0.	5.897
34	A	-3.300	0.7894	0.	1.761
	B	-3.400	0.9655	0.	1.761
35	A	-3.400	0.9655	0.	0.6785
	B	-3.500	0.9028	0.	0.6785
36	A	-3.500	0.9028	0.	1.737
	B	-3.600	0.7292	0.2985E-02	1.737
37	A	-3.600	0.7292	0.2985E-02	2.007
	B	-3.700	0.5285	0.5841E-01	2.007
38	A	-3.700	0.5285	0.5841E-01	1.841
	B	-3.800	0.3444	0.1104	1.841
39	A	-3.800	0.3444	0.1104	1.484
	B	-3.900	0.1960	0.1783	1.484
40	A	-3.900	0.1960	0.1783	1.074
	B	-4.000	0.8861E-01	0.2461	1.074

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BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.8861E-01	0.2461	0.6979
	B	-4.100	0.1882E-01	0.3140	0.6979
42	A	-4.100	0.1882E-01	0.3140	0.6785
	B	-4.200	0.	0.3818	0.6785
43	A	-4.200	0.	0.3818	0.6785
	B	-4.300	0.	0.4497	0.6785
44	A	-4.300	0.	0.4497	0.6785
	B	-4.400	0.	0.5175	0.6785
45	A	-4.400	0.	0.5175	0.6840
	B	-4.500	0.4758E-01	0.5854	0.6840
46	A	-4.500	0.4758E-01	0.5854	0.6840
	B	-4.600	0.1116	0.6532	0.6840
47	A	-4.600	0.1116	0.6532	0.6841
	B	-4.700	0.1756	0.7211	0.6841
48	A	-4.700	0.1756	0.7211	0.6841
	B	-4.800	0.2405	0.7889	0.6841
49	A	-4.800	0.2405	0.7889	0.6840
	B	-4.900	0.3089	0.8568	0.6840
50	A	-4.900	0.3089	0.8568	0.6840
	B	-5.000	0.3773	0.9246	0.6840
51	A	-5.000	0.3773	0.9246	0.6840
	B	-5.100	0.4457	0.9925	0.6840
52	A	-5.100	0.4457	0.9925	0.6840
	B	-5.200	0.5142	1.060	0.6840
53	A	-5.200	0.5142	1.060	0.6840
	B	-5.300	0.5826	1.128	0.6840
54	A	-5.300	0.5826	1.128	1.098
	B	-5.400	0.4816	1.196	1.098
55	A	-5.400	0.4816	1.196	1.096
	B	-5.500	0.3807	1.211	1.096
56	A	-5.500	0.3807	1.211	2.387
	B	-5.600	0.2798	0.9724	2.387
57	A	-5.600	0.2798	0.9724	7.183
	B	-5.700	0.1788	0.2541	7.183
58	A	-5.700	0.1788	0.2541	14.42
	B	-5.800	1.188	0.	14.42
59	A	-5.800	1.188	0.	6.592
	B	-5.900	1.847	0.9352E-01	6.592
60	A	-5.900	1.847	0.9352E-01	1.385
	B	-6.000	1.986	0.1973	1.385
61	A	-6.000	1.986	0.1973	1.696
	B	-6.100	1.816	0.2944	1.696
62	A	-6.100	1.816	0.2944	3.194
	B	-6.200	1.497	0.3807	3.194
63	A	-6.200	1.497	0.3807	3.607
	B	-6.300	1.136	0.4519	3.607

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	1.136	0.4519	3.401
	B	-6.400	0.7960	0.5277	3.401
65	A	-6.400	0.7960	0.5277	2.883
	B	-6.500	0.5077	0.6286	2.883
66	A	-6.500	0.5077	0.6286	2.248
	B	-6.600	0.2829	0.7295	2.248
67	A	-6.600	0.2829	0.7295	1.621
	B	-6.700	0.1208	0.8305	1.621
68	A	-6.700	0.1208	0.8305	1.071
	B	-6.800	0.1377E-01	0.9314	1.071
69	A	-6.800	0.1377E-01	0.9314	1.009
	B	-6.900	0.	1.032	1.009
70	A	-6.900	0.	1.032	1.201
	B	-7.000	0.	1.133	1.201
71	A	-7.000	0.	1.133	1.216
	B	-7.100	0.1241E-05	1.234	1.216
72	A	-7.100	0.1241E-05	1.234	1.216
	B	-7.200	0.1994E-01	1.335	1.216
73	A	-7.200	0.1994E-01	1.335	1.216
	B	-7.300	0.1415	1.436	1.216
74	A	-7.300	0.1415	1.436	1.216
	B	-7.400	0.2631	1.537	1.216
75	A	-7.400	0.2631	1.537	1.216
	B	-7.500	0.3847	1.638	1.216
76	A	-7.500	0.3847	1.638	1.216
	B	-7.600	0.5064	1.739	1.216
77	A	-7.600	0.5064	1.739	1.216
	B	-7.700	0.6280	1.840	1.216
78	A	-7.700	0.6280	1.840	1.216
	B	-7.800	0.7496	1.941	1.216
79	A	-7.800	0.7496	1.941	1.218
	B	-7.900	0.6277	2.042	1.218
80	A	-7.900	0.6277	2.042	1.218
	B	-8.000	0.5059	1.986	1.218
81	A	-8.000	0.5059	1.986	4.836
	B	-8.100	0.3841	1.502	4.836
82	A	-8.100	0.3841	1.502	12.12
	B	-8.200	0.2622	0.2904	12.12
83	A	-8.200	0.2622	0.2904	22.61
	B	-8.300	1.970	0.1299E-06	22.61
84	A	-8.300	1.970	0.1299E-06	11.03
	B	-8.400	3.074	0.1122E-06	11.03
85	A	-8.400	3.074	0.1122E-06	3.060
	B	-8.500	3.380	0.1033	3.060
86	A	-8.500	3.380	0.1033	1.923
	B	-8.600	3.187	0.2251	1.923

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	3.187	0.2251	4.604
	B	-8.700	2.727	0.3469	4.604
88	A	-8.700	2.727	0.3469	5.636
	B	-8.800	2.163	0.4688	5.636
89	A	-8.800	2.163	0.4688	5.586
	B	-8.900	1.605	0.5906	5.586
90	A	-8.900	1.605	0.5906	4.990
	B	-9.000	1.106	0.7124	4.990
91	A	-9.000	1.106	0.7124	4.118
	B	-9.100	0.6938	0.8343	4.118
92	A	-9.100	0.6938	0.8343	3.172
	B	-9.200	0.3766	0.9561	3.172
93	A	-9.200	0.3766	0.9561	2.280
	B	-9.300	0.1486	1.078	2.280
94	A	-9.300	0.1486	1.078	1.512
	B	-9.400	0.4223E-08	1.200	1.512
95	A	-9.400	0.4223E-08	1.200	1.218
	B	-9.500	0.3093E-08	1.322	1.218
96	A	-9.500	0.3093E-08	1.322	1.218
	B	-9.600	0.2037E-08	1.443	1.218
97	A	-9.600	0.2037E-08	1.443	1.218
	B	-9.700	0.1176E-08	1.565	1.218
98	A	-9.700	0.1176E-08	1.565	1.218
	B	-9.800	0.5479E-09	1.687	1.218
99	A	-9.800	0.5479E-09	1.687	1.218
	B	-9.900	0.1357E-09	1.809	1.218
100	A	-9.900	0.1357E-09	1.809	1.218
	B	-10.00	0.	1.931	1.218
101	A	-10.00	0.	1.931	1.218
	B	-10.10	0.	2.053	1.218
102	A	-10.10	0.	2.053	1.218
	B	-10.20	0.2204E-05	2.174	1.218
103	A	-10.20	0.2204E-05	2.174	1.218
	B	-10.30	0.5476E-05	2.296	1.218
104	A	-10.30	0.5476E-05	2.296	1.218
	B	-10.40	0.6625E-05	2.418	1.218
105	A	-10.40	0.6625E-05	2.418	1.218
	B	-10.50	0.6442E-05	2.540	1.218
106	A	-10.50	0.6442E-05	2.540	0.9611
	B	-10.60	0.6087E-05	2.444	0.9611
107	A	-10.60	0.6087E-05	2.444	6.812
	B	-10.70	0.3905E-02	1.763	6.812
108	A	-10.70	0.3905E-02	1.763	16.70
	B	-10.80	0.5754E-02	0.9310E-01	16.70
109	A	-10.80	0.5754E-02	0.9310E-01	30.86
	B	-10.90	2.993	0.2505E-11	30.86

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	2.993	0.2505E-11	14.24
	B	-11.00	4.417	0.	14.24
111	A	-11.00	4.417	0.	3.053
	B	-11.10	4.722	0.	3.053
112	A	-11.10	4.722	0.	3.710
	B	-11.20	4.351	0.	3.710
113	A	-11.20	4.351	0.	7.143
	B	-11.30	3.637	0.8621E-07	7.143
114	A	-11.30	3.637	0.8621E-07	8.258
	B	-11.40	2.811	0.2323E-06	8.258
115	A	-11.40	2.811	0.2323E-06	7.969
	B	-11.50	2.014	0.2888E-06	7.969
116	A	-11.50	2.014	0.2888E-06	6.900
	B	-11.60	1.324	0.2873E-06	6.900
117	A	-11.60	1.324	0.2873E-06	5.499
	B	-11.70	0.7741	0.2527E-06	5.499
118	A	-11.70	0.7741	0.2527E-06	4.064
	B	-11.80	0.3677	0.2811E-04	4.064
119	A	-11.80	0.3677	0.2811E-04	2.772
	B	-11.90	0.9051E-01	0.1827E-03	2.772
120	A	-11.90	0.9051E-01	0.1827E-03	1.708
	B	-12.00	0.	0.8029E-01	1.708
121	A	-12.00	0.	0.8029E-01	0.8972
	B	-12.10	0.	0.1700	0.8972
122	A	-12.10	0.	0.1700	0.3263
	B	-12.20	0.	0.2026	0.3263
123	A	-12.20	0.	0.2026	0.4066E-01
	B	-12.30	0.	0.1986	0.4066E-01
124	A	-12.30	0.	0.1986	0.2483
	B	-12.40	0.2196E-08	0.1737	0.2483
125	A	-12.40	0.2196E-08	0.1737	0.3404
	B	-12.50	0.9239E-08	0.1397	0.3404
126	A	-12.50	0.9239E-08	0.1397	0.3555
	B	-12.60	0.1203E-07	0.1041	0.3555
127	A	-12.60	0.1203E-07	0.1041	0.3253
	B	-12.70	0.1210E-07	0.7162E-01	0.3253
128	A	-12.70	0.1210E-07	0.7162E-01	0.2701
	B	-12.80	0.1063E-07	0.4461E-01	0.2701
129	A	-12.80	0.1063E-07	0.4461E-01	0.2071
	B	-12.90	0.8496E-08	0.2389E-01	0.2071
130	A	-12.90	0.8496E-08	0.2389E-01	0.1468
	B	-13.00	0.1127E-05	0.9212E-02	0.1468
131	A	-13.00	0.1127E-05	0.9212E-02	0.9510E-01
	B	-13.10	0.2981E-03	0.	0.9510E-01
132	A	-13.10	0.2981E-03	0.	0.5429E-01
	B	-13.20	0.5728E-02	0.	0.5429E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	0.5728E-02	0.	0.2453E-01
	B	-13.30	0.8181E-02	0.	0.2453E-01
134	A	-13.30	0.8181E-02	0.	0.4607E-02
	B	-13.40	0.8642E-02	0.	0.4607E-02
135	A	-13.40	0.8642E-02	0.	0.7350E-02
	B	-13.50	0.7907E-02	0.7950E-10	0.7350E-02
136	A	-13.50	0.7907E-02	0.7950E-10	0.1333E-01
	B	-13.60	0.6573E-02	0.3908E-09	0.1333E-01
137	A	-13.60	0.6573E-02	0.3908E-09	0.1517E-01
	B	-13.70	0.5056E-02	0.5235E-09	0.1517E-01
138	A	-13.70	0.5056E-02	0.5235E-09	0.1452E-01
	B	-13.80	0.3604E-02	0.5382E-09	0.1452E-01
139	A	-13.80	0.3604E-02	0.5382E-09	0.1250E-01
	B	-13.90	0.2354E-02	0.4834E-09	0.1250E-01
140	A	-13.90	0.2354E-02	0.4834E-09	0.9910E-02
	B	-14.00	0.1363E-02	0.3949E-09	0.9910E-02
141	A	-14.00	0.1363E-02	0.3949E-09	0.7287E-02
	B	-14.10	0.6343E-03	0.2970E-09	0.7287E-02
142	A	-14.10	0.6343E-03	0.2970E-09	0.4941E-02
	B	-14.20	0.1402E-03	0.9783E-07	0.4941E-02
143	A	-14.20	0.1402E-03	0.9783E-07	0.3020E-02
	B	-14.30	0.	0.1619E-03	0.3020E-02
144	A	-14.30	0.	0.1619E-03	0.1564E-02
	B	-14.40	0.	0.3183E-03	0.1564E-02
145	A	-14.40	0.	0.3183E-03	0.5441E-03
	B	-14.50	0.	0.3727E-03	0.5441E-03
146	A	-14.50	0.	0.3727E-03	0.1073E-03
	B	-14.60	0.3159E-12	0.3619E-03	0.1073E-03
147	A	-14.60	0.3159E-12	0.3619E-03	0.4718E-03
	B	-14.70	0.1527E-10	0.3148E-03	0.4718E-03
148	A	-14.70	0.1527E-10	0.3148E-03	0.6290E-03
	B	-14.80	0.2173E-10	0.2519E-03	0.6290E-03
149	A	-14.80	0.2173E-10	0.2519E-03	0.6482E-03
	B	-14.90	0.2262E-10	0.1870E-03	0.6482E-03
150	A	-14.90	0.2262E-10	0.1870E-03	0.5844E-03
	B	-15.00	0.2026E-10	0.1286E-03	0.5844E-03
151	A	-15.00	0.2026E-10	0.1286E-03	0.4769E-03
	B	-15.10	0.1640E-10	0.8091E-04	0.4769E-03
152	A	-15.10	0.1640E-10	0.8091E-04	0.3561E-03
	B	-15.20	0.1221E-10	0.4531E-04	0.3561E-03
153	A	-15.20	0.1221E-10	0.4531E-04	0.2414E-03
	B	-15.30	0.8350E-11	0.2117E-04	0.2414E-03
154	A	-15.30	0.8350E-11	0.2117E-04	0.1438E-03
	B	-15.40	0.5154E-11	0.6788E-05	0.1438E-03
155	A	-15.40	0.5154E-11	0.6788E-05	0.6864E-04
	B	-15.50	0.7504E-07	0.6603E-16	0.6864E-04

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	0.7504E-07	0.6603E-16	0.1788E-04
	B	-15.60	0.1863E-05	0.2775E-16	0.1788E-04
157	A	-15.60	0.1863E-05	0.2775E-16	0.8320E-05
	B	-15.70	0.1031E-05	0.6401E-17	0.8320E-05
158	A	-15.70	0.1031E-05	0.6401E-17	0.1031E-04
	B	-15.80	0.5421E-19	0.3944E-30	0.1031E-04

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE	chiodo_1	1	PARETE	LeftWall	QUOTA	-2.8000
		FASE	1	inattivo		
		FASE	2	inattivo		
		FASE	3	FORZA	0.71827E-10	kN/m
		FASE	4	FORZA	1.2156	kN/m
		FASE	5	FORZA	1.2156	kN/m
		FASE	6	FORZA	1.2482	kN/m
		FASE	7	FORZA	1.2487	kN/m
		FASE	8	FORZA	1.2488	kN/m
		FASE	9	FORZA	1.2488	kN/m
TIRANTE	chiodo_2	1	PARETE	LeftWall	QUOTA	-5.3000
		FASE	1	inattivo		
		FASE	2	inattivo		
		FASE	3	inattivo		
		FASE	4	inattivo		
		FASE	5	FORZA	0.73058E-07	kN/m
		FASE	6	FORZA	2.0672	kN/m
		FASE	7	FORZA	2.0672	kN/m
		FASE	8	FORZA	2.1209	kN/m
		FASE	9	FORZA	2.1210	kN/m
TIRANTE	chiodo_3	1	PARETE	LeftWall	QUOTA	-7.8000
		FASE	1	inattivo		
		FASE	2	inattivo		
		FASE	3	inattivo		
		FASE	4	inattivo		
		FASE	5	inattivo		
		FASE	6	inattivo		
		FASE	7	FORZA	-0.21113E-07	kN/m
		FASE	8	FORZA	2.9718	kN/m
		FASE	9	FORZA	2.9720	kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 9
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.5338E-02	15.00	0.	0.
2	-0.1000	2.700	16.35	0.	0.
3	-0.2000	5.400	17.70	0.	0.
4	-0.3000	8.100	19.05	0.	0.
5	-0.4000	10.80	20.40	0.	0.
6	-0.5000	13.50	21.75	0.	0.
7	-0.6000	16.20	23.10	0.	0.
8	-0.7000	18.90	24.45	0.	0.
9	-0.8000	21.60	25.80	0.	0.
10	-0.9000	24.30	27.15	0.	0.
11	-1.000	27.00	28.50	0.	0.
12	-1.100	29.70	29.85	0.	0.
13	-1.200	32.40	31.20	0.	0.
14	-1.300	35.10	32.55	0.	0.
15	-1.400	37.80	33.90	0.	0.
16	-1.500	40.50	35.25	0.	0.
17	-1.600	43.20	36.60	0.	0.
18	-1.700	45.90	37.95	0.	0.
19	-1.800	48.60	39.30	0.	0.
20	-1.900	51.30	40.65	0.	0.
21	-2.000	54.00	42.00	0.	0.
22	-2.100	56.70	43.35	0.	0.
23	-2.200	59.40	44.70	0.	0.
24	-2.300	62.10	46.05	0.	0.
25	-2.400	64.80	47.40	0.	0.
26	-2.500	67.50	48.75	0.	0.
27	-2.600	70.20	50.10	0.	0.
28	-2.700	72.90	51.45	0.	0.
29	-2.800	75.60	52.80	0.	0.
30	-2.900	78.30	54.15	0.	0.
31	-3.000	81.00	55.50	0.	0.
32	-3.100	83.70	56.85	0.	0.
33	-3.200	86.40	58.20	0.	0.
34	-3.300	89.10	59.55	0.	0.
35	-3.400	91.80	60.90	0.	0.

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	62.25	0.	0.
37	-3.600	97.20	63.60	0.	0.
38	-3.700	100.8	64.95	0.	0.
39	-3.800	104.7	66.30	0.	0.
40	-3.900	107.7	67.65	0.	0.
41	-4.000	110.2	69.00	0.	0.
42	-4.100	112.5	70.35	0.	0.
43	-4.200	114.7	71.70	0.	0.
44	-4.300	116.9	73.05	0.	0.
45	-4.400	119.2	74.40	0.	0.
46	-4.500	121.7	75.75	0.	0.
47	-4.600	124.2	77.10	0.	0.
48	-4.700	126.9	78.45	0.	0.
49	-4.800	129.6	79.80	0.	0.
50	-4.900	132.3	81.15	0.	0.
51	-5.000	135.0	82.50	0.	0.
52	-5.100	137.7	83.85	0.	0.
53	-5.200	140.4	85.20	0.	0.
54	-5.300	143.1	86.55	0.	0.
55	-5.400	145.8	87.90	0.	0.
56	-5.500	148.5	89.25	0.	0.
57	-5.600	151.2	90.60	0.	0.
58	-5.700	153.9	91.95	0.	0.
59	-5.800	156.6	93.30	0.	0.
60	-5.900	159.3	94.65	0.	0.
61	-6.000	162.0	96.00	0.	0.
62	-6.100	164.7	97.35	0.	0.
63	-6.200	167.4	98.70	0.	0.
64	-6.300	171.3	100.1	0.	0.
65	-6.400	175.8	101.4	0.	0.
66	-6.500	179.2	102.8	0.	0.
67	-6.600	181.9	104.1	0.	0.
68	-6.700	184.1	105.4	0.	0.
69	-6.800	186.2	106.8	0.	0.
70	-6.900	188.2	108.2	0.	0.
71	-7.000	190.3	109.5	0.	0.
72	-7.100	192.5	110.8	0.	0.
73	-7.200	194.8	112.2	0.	0.
74	-7.300	197.2	113.6	0.	0.
75	-7.400	199.8	114.9	0.	0.
76	-7.500	202.5	116.2	0.	0.
77	-7.600	205.2	117.6	0.	0.
78	-7.700	207.9	118.9	0.	0.
79	-7.800	210.6	120.3	0.	0.
80	-7.900	213.3	121.7	0.	0.
81	-8.000	216.0	123.0	0.	0.

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	124.3	0.	0.
83	-8.200	221.4	125.7	0.	0.
84	-8.300	224.1	127.1	0.	0.
85	-8.400	226.8	128.4	0.	0.
86	-8.500	229.5	129.8	0.	0.
87	-8.600	232.2	131.1	0.	0.
88	-8.700	234.9	132.4	0.	0.
89	-8.800	237.8	133.8	0.	0.
90	-8.900	243.7	135.1	0.	0.
91	-9.000	248.0	136.5	0.	0.
92	-9.100	251.1	137.9	0.	0.
93	-9.200	253.5	139.2	0.	0.
94	-9.300	255.5	140.6	0.	0.
95	-9.400	257.3	141.9	0.	0.
96	-9.500	259.1	143.2	0.	0.
97	-9.600	261.0	144.6	0.	0.
98	-9.700	263.0	145.9	0.	0.
99	-9.800	265.2	147.3	0.	0.
100	-9.900	267.6	148.6	0.	0.
101	-10.00	270.0	150.0	0.	0.
102	-10.10	272.7	151.3	0.	0.
103	-10.20	275.4	152.7	0.	0.
104	-10.30	278.1	154.0	0.	0.
105	-10.40	280.8	155.4	0.	0.
106	-10.50	283.5	145.9	0.	0.
107	-10.60	286.2	128.8	0.	0.
108	-10.70	288.9	110.0	0.	0.
109	-10.80	291.6	89.98	0.	0.
110	-10.90	294.3	70.04	0.	0.
111	-11.00	297.0	52.20	0.	0.
112	-11.10	299.7	37.62	0.	0.
113	-11.20	302.4	26.60	0.	0.
114	-11.30	305.1	18.91	0.	0.
115	-11.40	309.1	15.00	0.	0.
116	-11.50	315.5	15.00	0.	0.
117	-11.60	319.7	15.00	0.	0.
118	-11.70	322.6	15.00	0.	0.
119	-11.80	324.6	15.00	0.	0.
120	-11.90	326.2	15.00	0.	0.
121	-12.00	327.8	15.00	0.	0.
122	-12.10	329.3	15.00	0.	0.
123	-12.20	331.1	15.00	0.	0.
124	-12.30	333.0	15.00	0.	0.
125	-12.40	335.2	15.00	0.	0.
126	-12.50	337.6	15.00	0.	0.
127	-12.60	340.2	15.10	0.	0.

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	342.9	15.18	0.	0.
129	-12.80	345.6	15.21	0.	0.
130	-12.90	348.3	15.20	0.	0.
131	-13.00	351.0	15.17	0.	0.
132	-13.10	353.7	15.14	0.	0.
133	-13.20	356.4	15.10	0.	0.
134	-13.30	359.1	15.07	0.	0.
135	-13.40	361.8	15.04	0.	0.
136	-13.50	364.5	15.02	0.	0.
137	-13.60	367.2	15.01	0.	0.
138	-13.70	369.9	15.00	0.	0.
139	-13.80	372.6	15.00	0.	0.
140	-13.90	375.3	15.00	0.	0.
141	-14.00	378.0	15.00	0.	0.
142	-14.10	380.7	15.00	0.	0.
143	-14.20	383.4	15.00	0.	0.
144	-14.30	386.1	15.00	0.	0.
145	-14.40	388.8	15.00	0.	0.
146	-14.50	391.5	15.00	0.	0.
147	-14.60	394.2	15.00	0.	0.
148	-14.70	396.9	15.00	0.	0.
149	-14.80	399.6	15.00	0.	0.
150	-14.90	402.3	15.00	0.	0.
151	-15.00	405.0	15.00	0.	0.
152	-15.10	407.7	15.00	0.	0.
153	-15.20	410.4	15.00	0.	0.
154	-15.30	413.1	15.00	0.	0.
155	-15.40	415.8	15.00	0.	0.
156	-15.50	418.5	15.00	0.	0.
157	-15.60	421.2	15.00	0.	0.
158	-15.70	423.9	15.00	0.	0.
159	-15.80	426.6	15.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 9
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	81.00	0.	0.	0.
32	-3.100	83.70	0.	0.	0.
33	-3.200	86.40	0.	0.	0.
34	-3.300	98.95	49.47	0.	0.
35	-3.400	97.27	47.29	0.	0.

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	96.85	45.72	0.	0.
37	-3.600	97.56	44.73	0.	0.
38	-3.700	99.90	44.18	0.	0.
39	-3.800	102.6	43.81	0.	0.
40	-3.900	105.3	43.70	0.	0.
41	-4.000	108.0	43.77	0.	0.
42	-4.100	110.7	43.92	0.	0.
43	-4.200	113.4	44.09	0.	0.
44	-4.300	116.1	44.25	0.	0.
45	-4.400	118.8	44.38	0.	0.
46	-4.500	121.5	44.47	0.	0.
47	-4.600	124.2	44.53	0.	0.
48	-4.700	126.9	44.56	0.	0.
49	-4.800	129.6	44.57	0.	0.
50	-4.900	132.3	44.57	0.	0.
51	-5.000	135.0	44.57	0.	0.
52	-5.100	137.7	44.57	0.	0.
53	-5.200	140.4	44.56	0.	0.
54	-5.300	143.1	44.56	0.	0.
55	-5.400	145.8	44.55	0.	0.
56	-5.500	148.5	44.55	0.	0.
57	-5.600	151.2	44.55	0.	0.
58	-5.700	153.9	44.55	0.	0.
59	-5.800	175.4	87.71	0.	0.
60	-5.900	171.7	84.49	0.	0.
61	-6.000	169.2	81.91	0.	0.
62	-6.100	168.1	80.00	0.	0.
63	-6.200	168.2	78.71	0.	0.
64	-6.300	170.1	77.87	0.	0.
65	-6.400	172.8	77.22	0.	0.
66	-6.500	175.5	76.98	0.	0.
67	-6.600	178.2	76.99	0.	0.
68	-6.700	180.9	77.15	0.	0.
69	-6.800	183.6	77.38	0.	0.
70	-6.900	186.3	77.62	0.	0.
71	-7.000	189.0	77.83	0.	0.
72	-7.100	191.7	78.01	0.	0.
73	-7.200	194.4	78.15	0.	0.
74	-7.300	197.1	78.24	0.	0.
75	-7.400	199.8	78.30	0.	0.
76	-7.500	202.5	78.32	0.	0.
77	-7.600	205.3	78.33	0.	0.
78	-7.700	208.0	78.33	0.	0.
79	-7.800	210.7	78.33	0.	0.
80	-7.900	213.4	78.33	0.	0.
81	-8.000	216.0	78.32	0.	0.

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	78.31	0.	0.
83	-8.200	221.4	78.31	0.	0.
84	-8.300	253.1	126.5	0.	0.
85	-8.400	246.6	121.9	0.	0.
86	-8.500	241.7	118.2	0.	0.
87	-8.600	238.7	115.3	0.	0.
88	-8.700	237.2	113.2	0.	0.
89	-8.800	237.6	111.9	0.	0.
90	-8.900	240.3	110.8	0.	0.
91	-9.000	243.0	110.2	0.	0.
92	-9.100	245.7	110.0	0.	0.
93	-9.200	248.4	110.1	0.	0.
94	-9.300	251.1	110.4	0.	0.
95	-9.400	253.8	110.7	0.	0.
96	-9.500	256.5	111.1	0.	0.
97	-9.600	259.2	111.4	0.	0.
98	-9.700	261.9	111.6	0.	0.
99	-9.800	264.6	111.8	0.	0.
100	-9.900	267.3	111.9	0.	0.
101	-10.00	270.0	112.0	0.	0.
102	-10.10	272.8	112.1	0.	0.
103	-10.20	275.5	112.1	0.	0.
104	-10.30	278.2	112.1	0.	0.
105	-10.40	280.9	112.1	0.	0.
106	-10.50	283.6	112.1	0.	0.
107	-10.60	286.3	112.1	0.	0.
108	-10.70	289.0	112.1	0.	0.
109	-10.80	291.6	112.1	0.	0.
110	-10.90	350.4	175.2	0.	0.
111	-11.00	334.5	165.9	0.	0.
112	-11.10	322.1	158.3	0.	0.
113	-11.20	313.5	152.7	0.	0.
114	-11.30	308.4	148.8	0.	0.
115	-11.40	307.8	146.4	0.	0.
116	-11.50	310.5	144.3	0.	0.
117	-11.60	313.2	143.4	0.	0.
118	-11.70	315.9	143.3	0.	0.
119	-11.80	318.6	143.7	0.	0.
120	-11.90	321.3	144.3	0.	0.
121	-12.00	324.0	145.0	0.	0.
122	-12.10	326.7	145.6	0.	0.
123	-12.20	329.4	146.2	0.	0.
124	-12.30	332.1	146.6	0.	0.
125	-12.40	334.8	146.9	0.	0.
126	-12.50	337.5	147.1	0.	0.
127	-12.60	340.3	147.2	0.	0.

History 0 - Paratia 1 Sez_G - H = 10.9 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	343.1	147.2	0.	0.
129	-12.80	345.8	147.3	0.	0.
130	-12.90	348.5	147.3	0.	0.
131	-13.00	351.2	147.2	0.	0.
132	-13.10	353.8	147.2	0.	0.
133	-13.20	356.5	147.2	0.	0.
134	-13.30	359.2	147.2	0.	0.
135	-13.40	361.8	147.2	0.	0.
136	-13.50	364.5	147.2	0.	0.
137	-13.60	367.2	147.2	0.	0.
138	-13.70	369.9	147.1	0.	0.
139	-13.80	372.6	147.1	0.	0.
140	-13.90	375.3	147.1	0.	0.
141	-14.00	378.0	147.1	0.	0.
142	-14.10	380.7	147.1	0.	0.
143	-14.20	383.4	147.1	0.	0.
144	-14.30	386.1	147.1	0.	0.
145	-14.40	388.8	147.1	0.	0.
146	-14.50	391.5	147.1	0.	0.
147	-14.60	394.2	147.1	0.	0.
148	-14.70	396.9	147.1	0.	0.
149	-14.80	399.6	147.1	0.	0.
150	-14.90	402.3	147.2	0.	0.
151	-15.00	405.0	147.2	0.	0.
152	-15.10	407.7	147.2	0.	0.
153	-15.20	410.4	147.2	0.	0.
154	-15.30	413.1	147.2	0.	0.
155	-15.40	415.8	147.2	0.	0.
156	-15.50	418.5	147.2	0.	0.
157	-15.60	421.2	147.2	0.	0.
158	-15.70	423.9	147.1	0.	0.
159	-15.80	426.6	147.1	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3370.1	3370.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3370.1	3370.1
SPINTA ATTIVA (POSSIBILE)	15.400	15.400
SPINTA PASSIVA (POSSIBILE)	38347.	38347.
RAPPORTO PASSIVA/VERA	11.379	11.379
SPINTA PASSIVA MOBILITATA	9.%	9.%
RAPPORTO VERA/ATTIVA	218.84	218.84

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3228.5	3228.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3228.5	3228.5
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	25287.
RAPPORTO PASSIVA/VERA	13.216	7.8323
SPINTA PASSIVA MOBILITATA	8.%	13.%
RAPPORTO VERA/ATTIVA	98.281	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3228.5	3228.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3228.5	3228.5
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	25287.
RAPPORTO PASSIVA/VERA	13.216	7.8323
SPINTA PASSIVA MOBILITATA	8.%	13.%
RAPPORTO VERA/ATTIVA	98.281	0.10000E+06

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2927.6	2926.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2927.6	2926.6
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	17158.
RAPPORTO PASSIVA/VERA	14.574	5.8630
SPINTA PASSIVA MOBILITATA	7.%	17.%
RAPPORTO VERA/ATTIVA	89.120	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2927.6	2926.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2927.6	2926.6
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	17158.
RAPPORTO PASSIVA/VERA	14.574	5.8630
SPINTA PASSIVA MOBILITATA	7.%	17.%
RAPPORTO VERA/ATTIVA	89.120	0.10000E+06

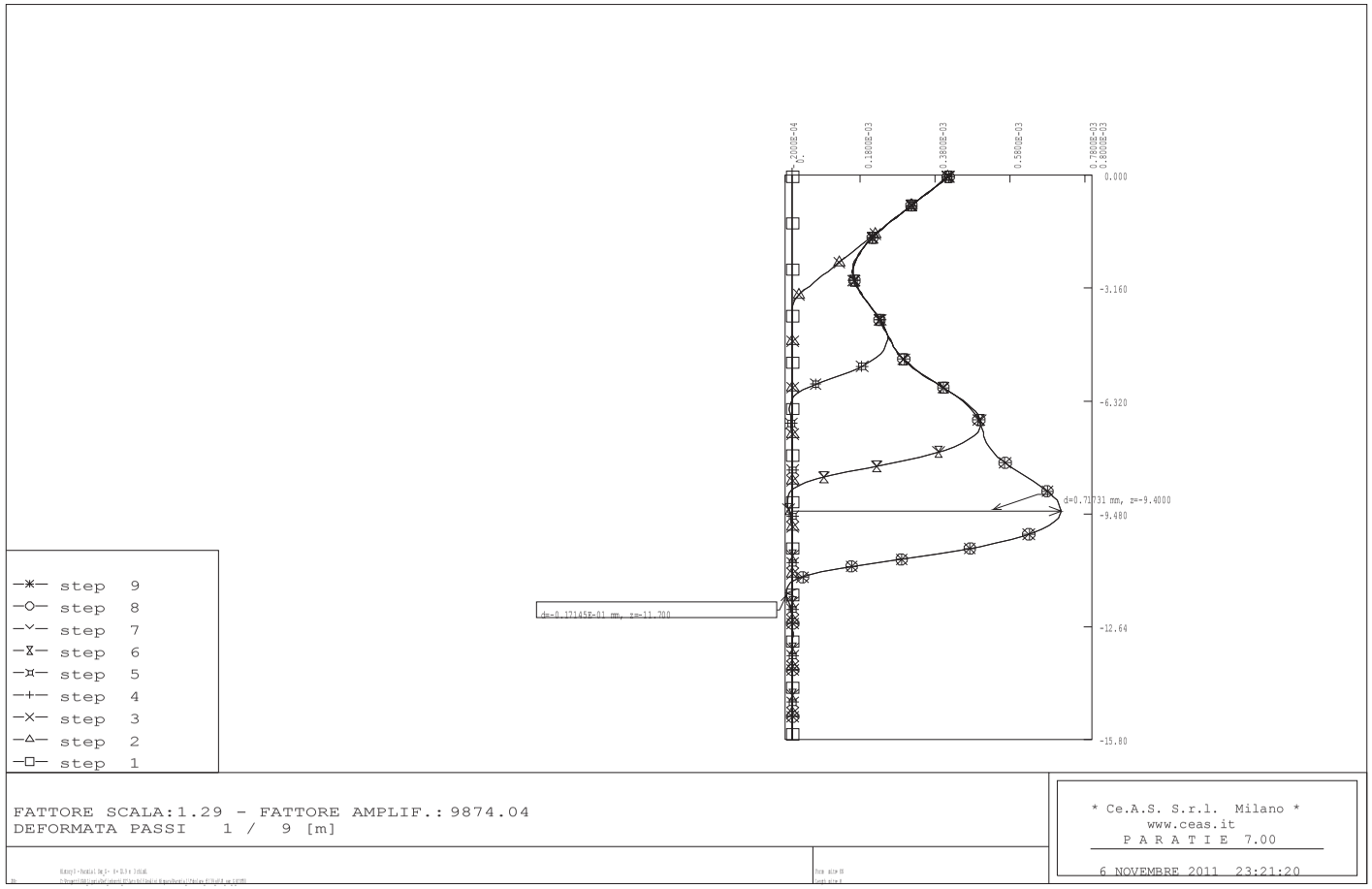
FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2458.5	2455.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2458.5	2455.8
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	10568.
RAPPORTO PASSIVA/VERA	17.355	4.3032
SPINTA PASSIVA MOBILITATA	6.%	23.%
RAPPORTO VERA/ATTIVA	74.842	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2458.5	2455.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2458.5	2455.8
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	10568.
RAPPORTO PASSIVA/VERA	17.355	4.3032
SPINTA PASSIVA MOBILITATA	6.%	23.%
RAPPORTO VERA/ATTIVA	74.842	0.10000E+06

FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1794.7	1789.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1794.7	1789.5
SPINTA ATTIVA (POSSIBILE)	32.850	0.
SPINTA PASSIVA (POSSIBILE)	42667.	5345.2
RAPPORTO PASSIVA/VERA	23.774	2.9870
SPINTA PASSIVA MOBILITATA	4.%	33.%
RAPPORTO VERA/ATTIVA	54.633	0.10000E+06

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1794.7	1789.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1794.7	1789.5
SPINTA ATTIVA (POSSIBILE)	99.416	0.
SPINTA PASSIVA (POSSIBILE)	42667.	5345.2
RAPPORTO PASSIVA/VERA	23.775	2.9870
SPINTA PASSIVA MOBILITATA	4.%	33.%
RAPPORTO VERA/ATTIVA	18.052	0.10000E+06

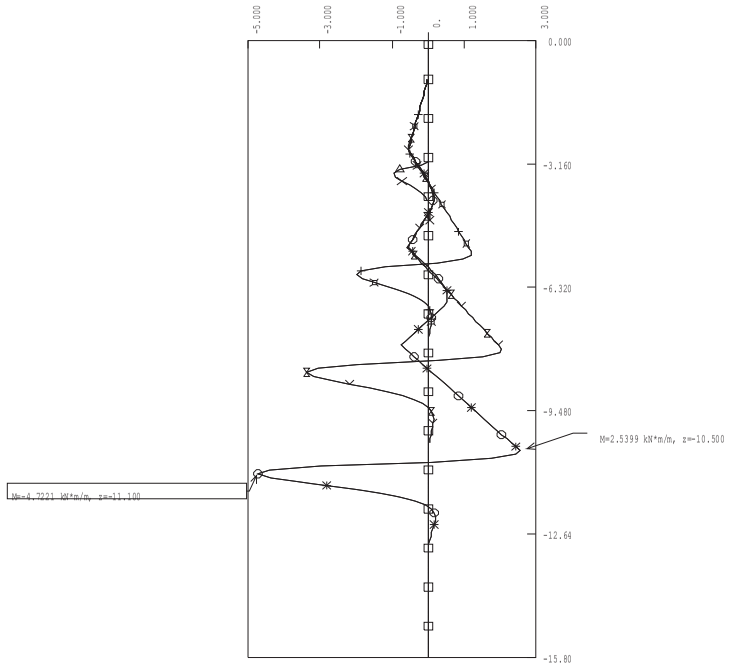
OUTPUT PLOTS:



FATTORE SCALA:1.29 - FATTORE AMPLIF.: 9874.04
DEFORMATA PASSI 1 / 9 [m]

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P A R A T I E 7.00

6 NOVEMBRE 2011 23:21:20

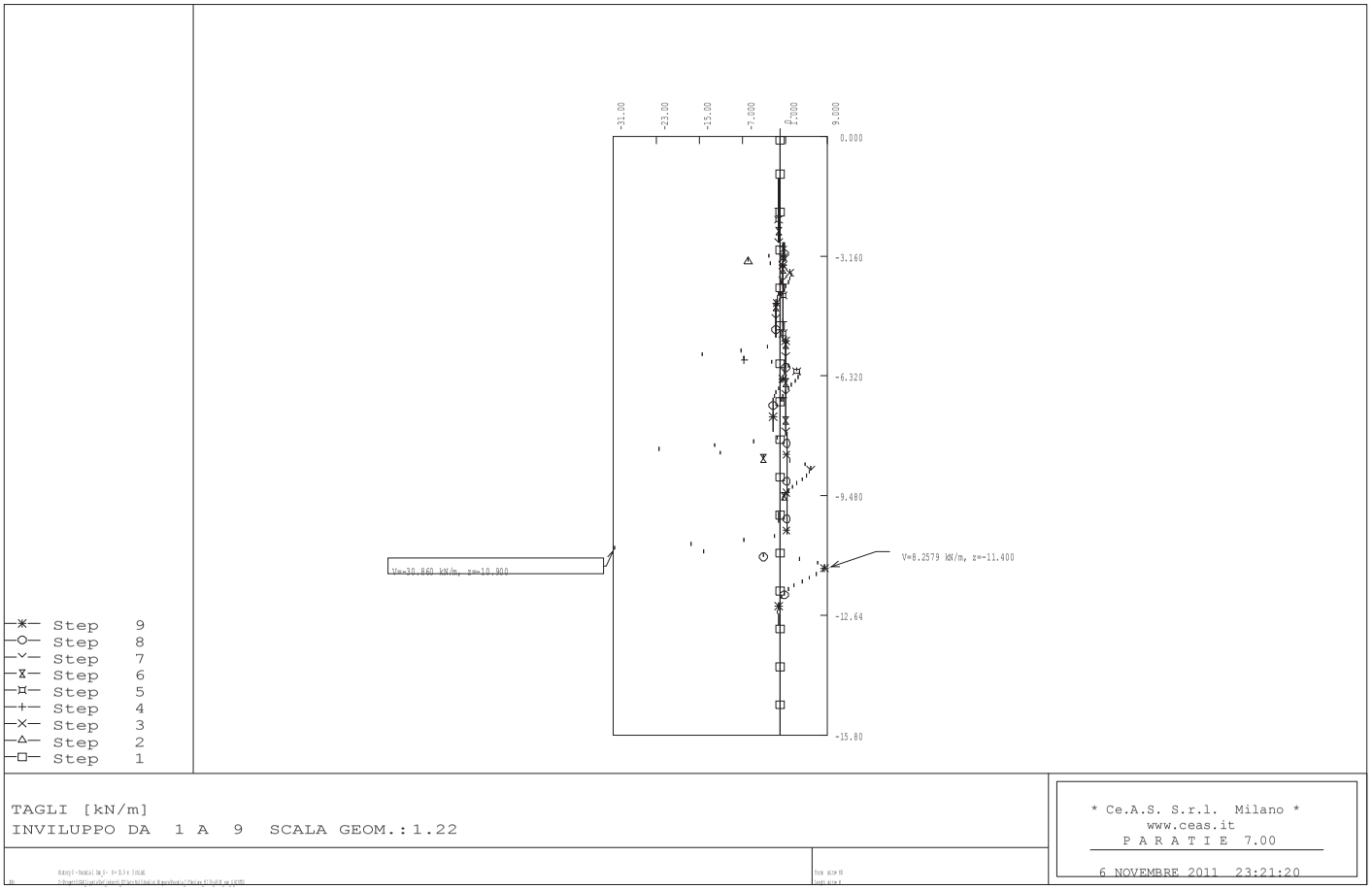


Step 9
Step 8
Step 7
Step 6
Step 5
Step 4
Step 3
Step 2
Step 1

MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 9 SCALA GEOM.: 1.22

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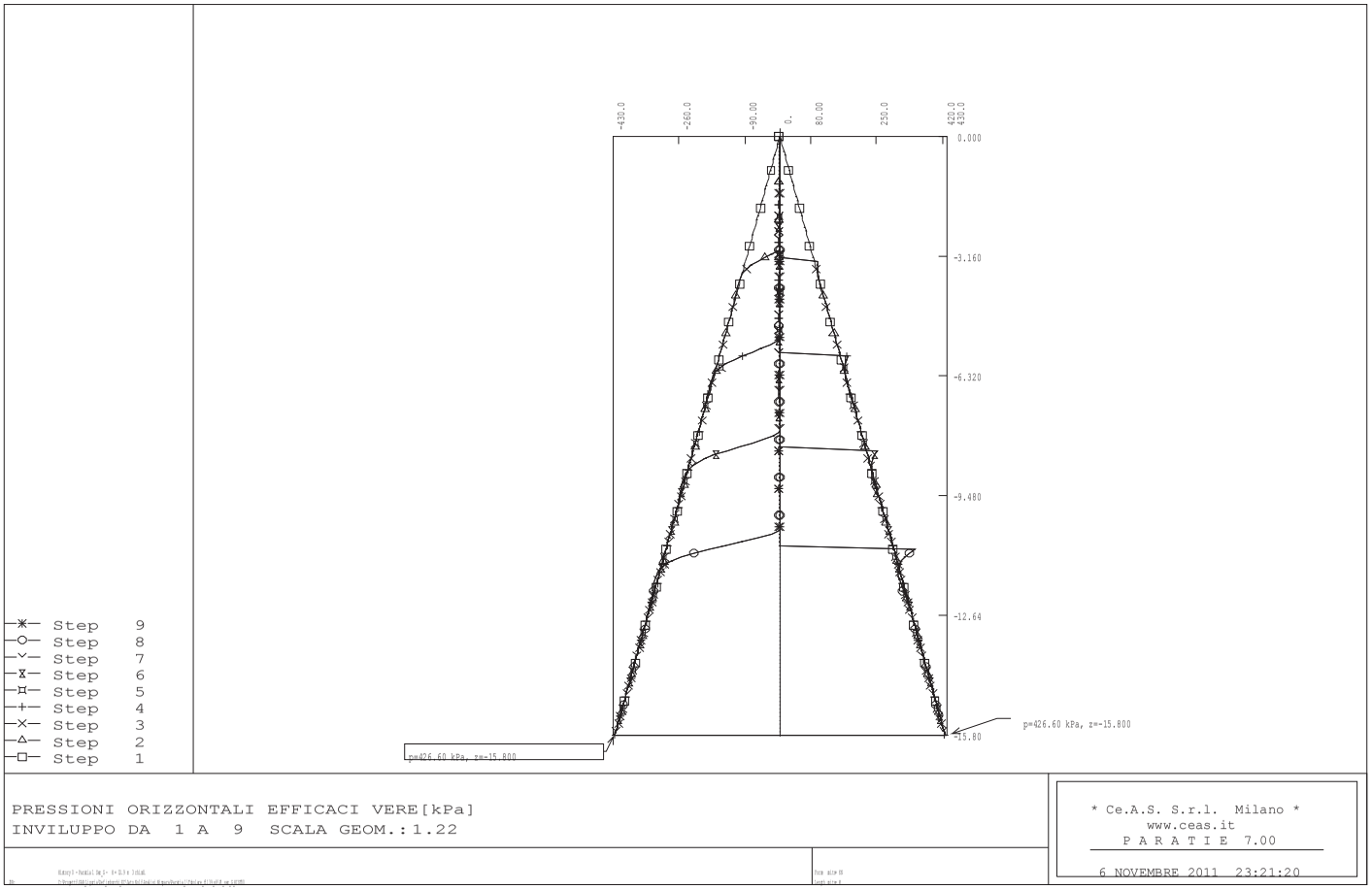
6 NOVEMBRE 2011 23:21:20



TAGLI [kN/m]
INVILUPPO DA 1 A 9 SCALA GEOM.: 1.22

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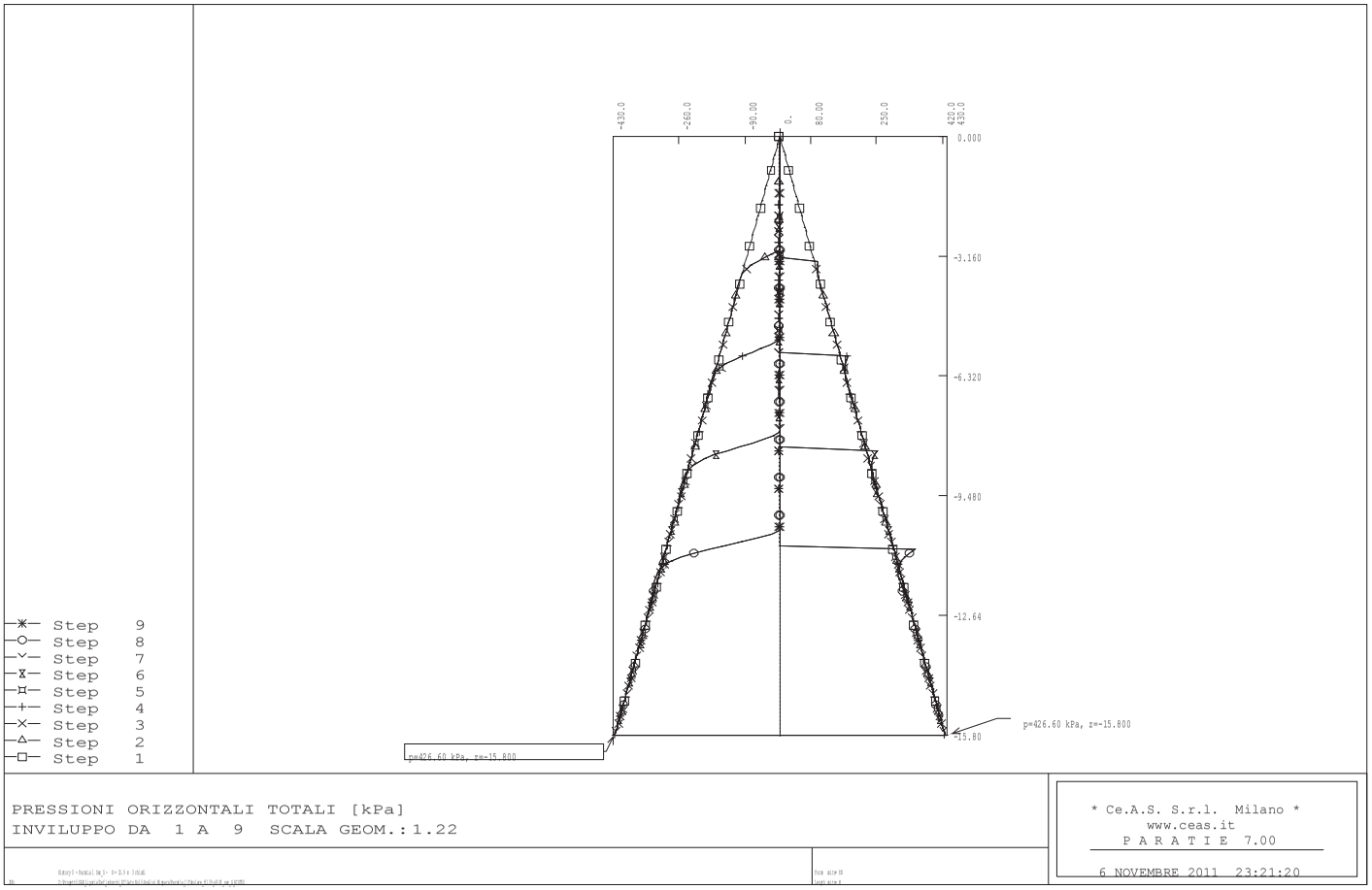
6 NOVEMBRE 2011 23:21:20



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 9 SCALA GEOM.:1.22

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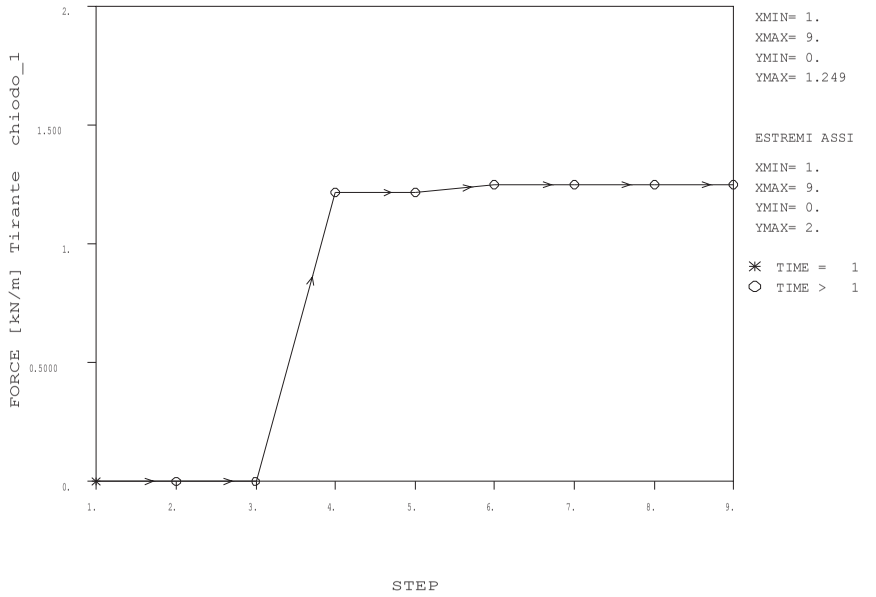
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 9 SCALA GEOM.:1.22

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6 NOVEMBRE 2011 23:21:20

Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.7183E-10
4.	1.216
5.	1.216
6.	1.248
7.	1.249
8.	1.249
9.	1.249



DAL PASSO 1 AL PASO 9

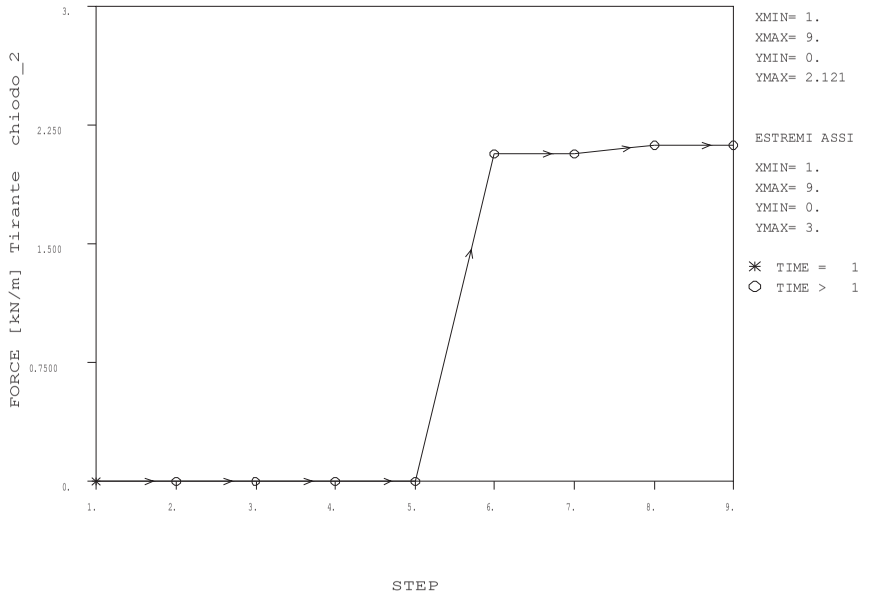
DIAGRAMMA VARIABILE X / VARIABILE Y

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6 NOVEMBRE 2011 23:21:21

Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.7306E-07
6.	2.067
7.	2.067
8.	2.121
9.	2.121



DAL PASSO 1 AL PASSO 9

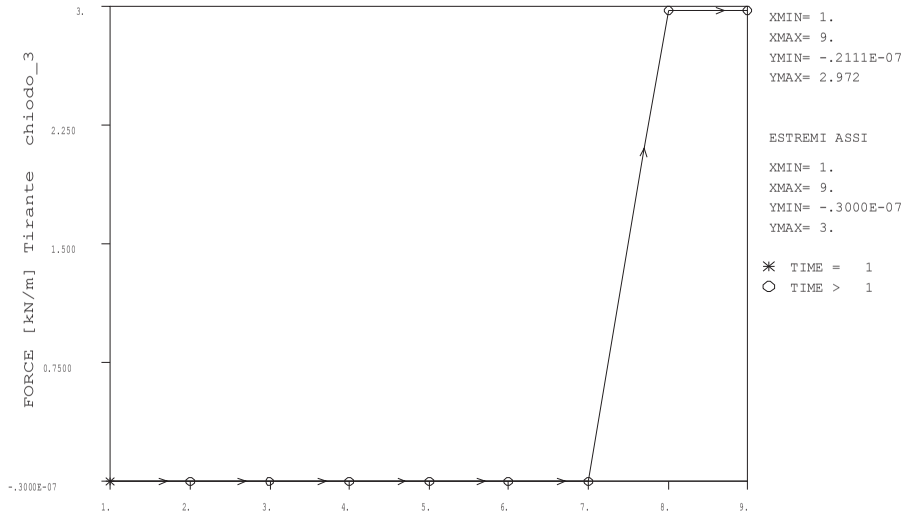
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	-.2111E-07
8.	2.972
9.	2.972



DAL PASSO 1 AL PASSO 9
DIAGRAMMA VARIABILE X / VARIABILE Y

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6 NOVEMBRE 2011 23:21:21

Appendice E

P1 - Sezione C – Tabulati di calcolo PARATIE

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 2:56:35

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_C -  H = 12.5 m  4 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -16.8 0
  15: *
  16: soil UHLeft LeftWall -16.8 0 1 0
  17: soil DHLeft LeftWall -16.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -16.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -2.3 Acciaio_chiodi 8.98E-005 0 20
  25: wire chiodo_2 LeftWall -4.8 Acciaio_chiodi 8.98E-005 0 20
  26: wire chiodo_3 LeftWall -7.3 Acciaio_chiodi 0.000105 0 20
  27: wire chiodo_4 LeftWall -9.8 Acciaio_chiodi 0.000105 0 20
  28: *
  29: * Soil Profile
  30: *
  31:     ldata          1_ 0
  32:         weight     27 27 0
  33:         atrest     1 0 1 1
  34:         resistance 80 38 0.195942 9.11404
  35:         young      2E+006 3E+006
  36:     endlayer
  37: *
  38: step 1 :  geostatica
```

```
  N.  comando

  39:     setwall LeftWall
  40:         geom 0 0
  41: endstep
  42: *
  43: step 2 :  scavo a  quota -2.8 m+sovraccarico 20 kPa
  44:     setwall LeftWall
  45:         geom 0 -2.8
  46:         surcharge 20 0 0 0
  47: endstep
  48: *
  49: step 3 :  inserimento primo chiodo
  50:     setwall LeftWall
  51:         geom 0 -2.8
  52:         surcharge 20 0 0 0
  53:         add chiodo_1
  54: endstep
  55: *
  56: step 4 :  scavo a quota -5.3 m
  57:     setwall LeftWall
  58:         geom 0 -5.3
  59:         surcharge 20 0 0 0
  60: endstep
  61: *
  62: step 5 :  inserimento secondo chiodo
  63:     setwall LeftWall
  64:         geom 0 -5.3
  65:         surcharge 20 0 0 0
  66:         add chiodo_2
  67: endstep
  68: *
  69: step 6 :  scavo a quota -7.8 m
  70:     setwall LeftWall
  71:         geom 0 -7.8
  72:         surcharge 20 0 0 0
  73: endstep
  74: *
  75: step 7 :  inserimento terzo chiodo
  76:     setwall LeftWall
  77:         geom 0 -7.8
  78:         surcharge 20 0 0 0
  79:         add chiodo_3
  80: endstep
  81: *
  82: step 8 :  scavo a quota 10.3 m
  83:     setwall LeftWall
  84:         geom 0 -10.3
```

```
  N.  comando

  85:         surcharge 20 0 0 0
  86: endstep
  87: *
  88: step 9 :  inserimento quarto chiodo
  89:     setwall LeftWall
  90:         geom 0 -10.3
  91:         surcharge 20 0 0 0
  92:         add chiodo_4
  93: endstep
  94: *
  95: step 10 :  scavo finale -12.5 m
  96:     setwall LeftWall
  97:         geom 0 -12.5
  98:         surcharge 20 0 0 0
  99: endstep
 100: *
 101: step 11 :  sisma kh=0.114
 102:     change 1_ U-KA=0.261
 103:     setwall LeftWall
 104:         geom 0 -12.5
 105:         surcharge 20 0 0 0
 106: endstep
 107: *
 108: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 10

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 11

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -16.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -2.8000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 20.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -16.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -2.8000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 20.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-5.3000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-5.3000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-7.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-7.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-10.300	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-10.300	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 10

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-12.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 11

RIASSUNTO DATI RELATIVI ALLA FASE 11

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-12.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	20.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-16.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-16.80	UPHILL	0.
DHLeft	LeftWall	0.	-16.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-16.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-2.300	_	0.8980E-04	0.	20.00
chiodo_2	LeftWall	-4.800	_	0.8980E-04	0.	20.00
chiodo_3	LeftWall	-7.300	_	0.1050E-03	0.	20.00
chiodo_4	LeftWall	-9.800	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	10	SI
3	2	SI
4	7	SI
5	2	SI
6	7	SI
7	2	SI
8	6	SI
9	2	SI
10	7	SI
11	5	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00
160	0.00000000E+00	0.00000000E+00
161	0.00000000E+00	0.00000000E+00
162	0.00000000E+00	0.00000000E+00
163	0.00000000E+00	0.00000000E+00
164	0.00000000E+00	0.00000000E+00
165	0.00000000E+00	0.00000000E+00
166	0.00000000E+00	0.00000000E+00
167	0.00000000E+00	0.00000000E+00
168	0.00000000E+00	0.00000000E+00
169	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.26894821E-03	-0.90574038E-04
2	0.25989080E-03	-0.90574038E-04
3	0.25083340E-03	-0.90574038E-04
4	0.24177600E-03	-0.90574038E-04
5	0.23271859E-03	-0.90574038E-04
6	0.22366119E-03	-0.90574038E-04
7	0.21460379E-03	-0.90574038E-04
8	0.20554638E-03	-0.90574038E-04
9	0.19648898E-03	-0.90574038E-04
10	0.18743158E-03	-0.90574038E-04
11	0.17837418E-03	-0.90574038E-04
12	0.16931677E-03	-0.90574038E-04
13	0.16025937E-03	-0.90574038E-04
14	0.15120197E-03	-0.90574038E-04
15	0.14214455E-03	-0.90574038E-04
16	0.13308715E-03	-0.90574038E-04
17	0.12402974E-03	-0.90574038E-04
18	0.11497235E-03	-0.90574038E-04
19	0.10591494E-03	-0.90574038E-04
20	0.96857533E-04	-0.90574038E-04
21	0.87800130E-04	-0.90574038E-04
22	0.78742727E-04	-0.90574038E-04
23	0.69685324E-04	-0.90574038E-04
24	0.60627917E-04	-0.90574038E-04
25	0.51570514E-04	-0.90574038E-04
26	0.42513111E-04	-0.90574038E-04
27	0.33455708E-04	-0.90574038E-04
28	0.24464791E-04	-0.88579392E-04
29	0.16016511E-04	-0.78284254E-04
30	0.90755302E-05	-0.59961392E-04
31	0.40535620E-05	-0.40758634E-04
32	0.83048656E-06	-0.24355371E-04
33	-0.95450923E-06	-0.12062007E-04
34	-0.17174469E-05	-0.38346070E-05
35	-0.18347490E-05	0.99324109E-06
36	-0.16026372E-05	0.33059368E-05
37	-0.12288729E-05	0.39592951E-05
38	-0.84259040E-06	0.36582851E-05
39	-0.51184088E-06	0.29185237E-05
40	-0.26236336E-06	0.20744314E-05
41	-0.94220198E-07	0.13123713E-05
42	0.55612630E-08	0.71382220E-06
43	0.54520687E-07	0.29456646E-06

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.69792904E-07	0.34861259E-07
45	0.65621798E-07	-0.10097826E-06
46	0.52430394E-07	-0.15182356E-06
47	0.36960643E-07	-0.15156212E-06
48	0.22966221E-07	-0.12585325E-06
49	0.12066553E-07	-0.91847589E-07
50	0.45421609E-08	-0.59478168E-07
51	-0.37761138E-10	-0.33369169E-07
52	-0.23791469E-08	-0.14684391E-07
53	-0.32000638E-08	-0.27623461E-08
54	-0.31107381E-08	0.37860355E-08
55	-0.25696050E-08	0.65319701E-08
56	-0.18839508E-08	0.68897088E-08
57	-0.12342771E-08	0.59690288E-08
58	-0.70694600E-09	0.45443169E-08
59	-0.32638461E-09	0.30904796E-08
60	-0.81619982E-10	0.18535449E-08
61	0.54584049E-10	0.92440039E-09
62	0.11351076E-09	0.30277558E-09
63	0.12378142E-09	-0.59581971E-10
64	0.10796607E-09	-0.23078822E-09
65	0.81778001E-10	-0.27736743E-09
66	0.54830536E-10	-0.25380817E-09
67	0.32048263E-10	-0.19929197E-09
68	0.15178100E-10	-0.13859699E-09
69	0.40903188E-11	-0.85058405E-10
70	-0.22493500E-11	-0.43992886E-10
71	-0.51411744E-11	-0.15914849E-10
72	-0.58039016E-11	0.10157366E-11
73	-0.52187746E-11	0.95238999E-11
74	-0.40883911E-11	0.12353983E-10
75	-0.28600063E-11	0.11823216E-10
76	-0.17781719E-11	0.96597227E-11
77	-0.94430009E-12	0.70090821E-11
78	-0.37054330E-12	0.45328077E-11
79	-0.21583850E-13	0.25411750E-11
80	0.15661981E-12	0.11173859E-11
81	0.21929222E-12	0.21556381E-12
82	0.21353457E-12	-0.27219874E-12
83	0.17451296E-12	-0.47014687E-12
84	0.12545264E-12	-0.48967156E-12
85	0.79657479E-13	-0.41683139E-12
86	0.43209356E-13	-0.31030132E-12
87	0.17555771E-13	-0.20501463E-12
88	0.15950657E-14	-0.11806887E-12
89	-0.68428501E-14	-0.54668547E-13

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.10077674E-13	-0.13439143E-13
91	-0.10129284E-13	0.98320832E-14
92	-0.85421638E-14	0.20176118E-13
93	-0.63700118E-14	0.22241633E-13
94	-0.42460622E-14	0.19740393E-13
95	-0.24864083E-14	0.15304901E-13
96	-0.11944661E-14	0.10587893E-13
97	-0.34857711E-15	0.64784582E-14
98	0.13346163E-15	0.33361055E-14
99	0.35212515E-15	0.11981873E-14
100	0.40193378E-15	-0.74690141E-16
101	0.35880625E-15	-0.69899329E-15
102	0.27647515E-15	-0.89309566E-15
103	0.18844928E-15	-0.83933299E-15
104	0.11242752E-15	-0.67100108E-15
105	0.55201842E-16	-0.47408598E-15
106	0.16976833E-16	-0.29617568E-15
107	-0.53395125E-17	-0.15745192E-15
108	-0.15929007E-16	-0.61191817E-16
109	-0.18816308E-16	-0.20846387E-17
110	-0.17295655E-16	0.28530909E-16
111	-0.13759666E-16	0.39660246E-16
112	-0.97556176E-17	0.39029240E-16
113	-0.61516860E-17	0.32462194E-16
114	-0.33299258E-17	0.23892743E-16
115	-0.13617580E-17	0.15664677E-16
116	-0.14728437E-18	0.89277910E-17
117	0.48510126E-18	0.40299358E-17
118	0.71658336E-18	0.86849746E-18
119	0.70598438E-18	-0.87743163E-18
120	0.57488065E-18	-0.16098524E-17
121	0.40499220E-18	-0.17129253E-17
122	0.24324797E-18	-0.14874268E-17
123	0.11166293E-18	-0.11372455E-17
124	0.15736261E-19	-0.78894197E-18
125	-0.47854531E-19	-0.49251032E-18
126	-0.84884208E-19	-0.25963093E-18
127	-0.10196807E-18	-0.92372287E-19
128	-0.10530640E-18	0.16454432E-19
129	-0.10008432E-18	0.83067015E-19
130	-0.89576410E-19	0.12317712E-18
131	-0.76141303E-19	0.14251512E-18
132	-0.61595552E-19	0.14618820E-18
133	-0.47277030E-19	0.13866038E-18
134	-0.34109704E-19	0.12374570E-18
135	-0.22668495E-19	0.10461284E-18

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.13243082E-19	0.83801642E-19
137	-0.58994049E-20	0.63253306E-19
138	-0.53741638E-21	0.44355088E-19
139	0.30563421E-20	0.27998749E-19
140	0.51626071E-20	0.14650617E-19
141	0.60907013E-20	0.44295590E-20
142	0.61478474E-20	-0.28116424E-20
143	0.56165903E-20	-0.74063224E-20
144	0.47399537E-20	-0.97998874E-20
145	0.37135486E-20	-0.10485384E-19
146	0.26835312E-20	-0.99512526E-20
147	0.17491168E-20	-0.86425575E-20
148	0.96829094E-21	-0.69357228E-20
149	0.36541254E-21	-0.51256808E-20
150	-0.60442396E-22	-0.34235547E-20
151	-0.32733204E-21	-0.19624377E-20
152	-0.46317520E-21	-0.80867861E-21
153	-0.49977643E-21	0.23821212E-22
154	-0.46833912E-21	0.55847636E-21
155	-0.39646061E-21	0.84174725E-21
156	-0.30646014E-21	0.93090353E-21
157	-0.21479966E-21	0.88446751E-21
158	-0.13231664E-21	0.75553154E-21
159	-0.64987112E-22	0.58778261E-21
160	-0.14966834E-22	0.41383204E-21
161	0.18293677E-22	0.25531288E-21
162	0.37008586E-22	0.12417906E-21
163	0.44183910E-22	0.24677836E-22
164	0.42956796E-22	-0.44444111E-22
165	0.36152962E-22	-0.87829760E-22
166	0.26041001E-22	-0.11171074E-21
167	0.14246337E-22	-0.12252604E-21
168	0.17810625E-23	-0.12598323E-21
169	-0.10852878E-22	-0.12651750E-21

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.26894821E-03	-0.90574038E-04
2	0.25989080E-03	-0.90574038E-04
3	0.25083340E-03	-0.90574038E-04
4	0.24177600E-03	-0.90574038E-04
5	0.23271859E-03	-0.90574038E-04
6	0.22366119E-03	-0.90574038E-04
7	0.21460379E-03	-0.90574038E-04
8	0.20554638E-03	-0.90574038E-04
9	0.19648898E-03	-0.90574038E-04
10	0.18743158E-03	-0.90574038E-04
11	0.17837418E-03	-0.90574038E-04
12	0.16931677E-03	-0.90574038E-04
13	0.16025937E-03	-0.90574038E-04
14	0.15120197E-03	-0.90574038E-04
15	0.14214455E-03	-0.90574038E-04
16	0.13308715E-03	-0.90574038E-04
17	0.12402974E-03	-0.90574038E-04
18	0.11497235E-03	-0.90574038E-04
19	0.10591494E-03	-0.90574038E-04
20	0.96857533E-04	-0.90574038E-04
21	0.87800130E-04	-0.90574038E-04
22	0.78742727E-04	-0.90574038E-04
23	0.69685324E-04	-0.90574038E-04
24	0.60627917E-04	-0.90574038E-04
25	0.51570514E-04	-0.90574038E-04
26	0.42513111E-04	-0.90574038E-04
27	0.33455708E-04	-0.90574038E-04
28	0.24464791E-04	-0.88579392E-04
29	0.16016511E-04	-0.78284254E-04
30	0.90755302E-05	-0.59961392E-04
31	0.40535620E-05	-0.40758634E-04
32	0.83048656E-06	-0.24355371E-04
33	-0.95450923E-06	-0.12062007E-04
34	-0.17174469E-05	-0.38346070E-05
35	-0.18347490E-05	0.99324109E-06
36	-0.16026372E-05	0.33059368E-05
37	-0.12288729E-05	0.39592956E-05
38	-0.84259040E-06	0.36582851E-05
39	-0.51184088E-06	0.29185239E-05
40	-0.26236333E-06	0.20744317E-05
41	-0.94220127E-07	0.13123714E-05
42	0.55613434E-08	0.71382226E-06
43	0.54520768E-07	0.29456632E-06

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.69792954E-07	0.34860740E-07
45	0.65621762E-07	-0.10097936E-06
46	0.52430213E-07	-0.15182546E-06
47	0.36960223E-07	-0.15156496E-06
48	0.22965471E-07	-0.12585699E-06
49	0.12065402E-07	-0.91851788E-07
50	0.45406074E-08	-0.59481785E-07
51	-0.39572297E-10	-0.33370302E-07
52	-0.23809230E-08	-0.14682922E-07
53	-0.32016390E-08	-0.27600091E-08
54	-0.31120770E-08	0.37883399E-08
55	-0.25707250E-08	0.65340680E-08
56	-0.18848554E-08	0.68920372E-08
57	-0.12349322E-08	0.59715650E-08
58	-0.70736178E-09	0.45465081E-08
59	-0.32660835E-09	0.30921175E-08
60	-0.81708307E-10	0.18546271E-08
61	0.54580021E-10	0.92502517E-09
62	0.11355164E-09	0.30307054E-09
63	0.12384029E-09	-0.59499600E-10
64	0.10802639E-09	-0.23082980E-09
65	0.81830369E-10	-0.27747857E-09
66	0.54870074E-10	-0.25394523E-09
67	0.32074465E-10	-0.19941755E-09
68	0.15193069E-10	-0.13869479E-09
69	0.40970638E-11	-0.85125365E-10
70	-0.22479054E-11	-0.44032958E-10
71	-0.51426628E-11	-0.15934604E-10
72	-0.58066299E-11	0.10096337E-11
73	-0.52216708E-11	0.95258315E-11
74	-0.40908735E-11	0.12359734E-10
75	-0.28618481E-11	0.11829909E-10
76	-0.17793715E-11	0.96656919E-11
77	-0.94497077E-12	0.70136401E-11
78	-0.37083417E-12	0.45358669E-11
79	-0.21635200E-13	0.25429585E-11
80	0.15669676E-12	0.11182264E-11
81	0.21941987E-12	0.21578823E-12
82	0.21366533E-12	-0.27232196E-12
83	0.17462243E-12	-0.47042350E-12
84	0.12553225E-12	-0.48997644E-12
85	0.79708253E-13	-0.41709626E-12
86	0.43236871E-13	-0.31049989E-12
87	0.17566862E-13	-0.20514582E-12
88	0.15959661E-14	-0.11814397E-12
89	-0.68472835E-14	-0.54702702E-13

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.10084082E-13	-0.13446699E-13
91	-0.10135617E-13	0.98394862E-14
92	-0.85473739E-14	0.20190015E-13
93	-0.63737510E-14	0.22256436E-13
94	-0.42484149E-14	0.19753017E-13
95	-0.24876600E-14	0.15314224E-13
96	-0.11949528E-14	0.10593945E-13
97	-0.34859869E-15	0.64818358E-14
98	0.13367584E-15	0.33375709E-14
99	0.35242015E-15	0.11984452E-14
100	0.40221820E-15	-0.75081298E-16
101	0.35903609E-15	-0.69964175E-15
102	0.27663805E-15	-0.89375550E-15
103	0.18855143E-15	-0.83987594E-15
104	0.11248309E-15	-0.67138981E-15
105	0.55225704E-16	-0.47433649E-15
106	0.16981159E-16	-0.29632212E-15
107	-0.53460960E-17	-0.15752903E-15
108	-0.15940847E-16	-0.61221947E-16
109	-0.18829236E-16	-0.20773895E-17
110	-0.17306536E-16	0.28560826E-16
111	-0.13767157E-16	0.39696447E-16
112	-0.97595310E-17	0.39063545E-16
113	-0.61524106E-17	0.32491787E-16
114	-0.33279815E-17	0.23915787E-16
115	-0.13578908E-17	0.15680656E-16
116	-0.14213472E-18	0.89369917E-17
117	0.49077003E-18	0.40312014E-17
118	0.72186816E-18	0.85828912E-18
119	0.70948791E-18	-0.90282132E-18
120	0.57517006E-18	-0.16479460E-17
121	0.40106721E-18	-0.17580154E-17
122	0.23473605E-18	-0.15330126E-17
123	0.98808036E-19	-0.11777094E-17
124	-0.73988090E-21	-0.82042808E-18
125	-0.66943830E-19	-0.51313426E-18
126	-0.10547980E-18	-0.26923258E-18
127	-0.12301385E-18	-0.92036303E-19
128	-0.12589481E-18	0.24927561E-19
129	-0.11950410E-18	0.97618621E-19
130	-0.10732079E-18	0.14181846E-18
131	-0.91890441E-19	0.16351727E-18
132	-0.75186013E-19	0.16815591E-18
133	-0.58668205E-19	0.16052624E-18
134	-0.43353263E-19	0.14472162E-18
135	-0.29883496E-19	0.12412858E-18

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.18597062E-19	0.10145005E-18
137	-0.95941585E-20	0.78751375E-19
138	-0.27978096E-20	0.57522036E-19
139	0.19920666E-20	0.38747234E-19
140	0.50520512E-20	0.22984863E-19
141	0.66964330E-20	0.10444309E-19
142	0.72462556E-20	0.10640251E-20
143	0.70059548E-20	-0.54147530E-20
144	0.62470736E-20	-0.93804664E-20
145	0.51983402E-20	-0.11291814E-19
146	0.40412183E-20	-0.11627937E-19
147	0.29099186E-20	-0.10849091E-19
148	0.18948056E-20	-0.93680805E-20
149	0.10481368E-20	-0.75320401E-20
150	0.39114460E-21	-0.56135889E-20
151	-0.78406760E-22	-0.38099107E-20
152	-0.37889656E-21	-0.22480033E-20
153	-0.53827859E-21	-0.99423081E-21
154	-0.58860595E-21	-0.66355098E-22
155	-0.56181427E-21	0.55358068E-21
156	-0.48677893E-21	0.90684360E-21
157	-0.38754737E-21	0.10470517E-20
158	-0.28256831E-21	0.10312673E-20
159	-0.18469643E-21	0.91340682E-21
160	-0.10174048E-21	0.73994032E-21
161	-0.37336083E-22	0.54764249E-21
162	0.80435824E-23	0.36301165E-21
163	0.36083829E-22	0.20290833E-21
164	0.49730391E-22	0.75959259E-22
165	0.52452409E-22	-0.15688000E-22
166	0.47683994E-22	-0.74599067E-22
167	0.38432158E-22	-0.10652332E-21
168	0.27019316E-22	-0.11924809E-21
169	0.14918890E-22	-0.12188233E-21

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27119188E-03	-0.94326453E-04
2	0.26175924E-03	-0.94326453E-04
3	0.25232657E-03	-0.94326453E-04
4	0.24289428E-03	-0.94316121E-04
5	0.23346482E-03	-0.94262025E-04
6	0.22404530E-03	-0.94105402E-04
7	0.21464992E-03	-0.93763614E-04
8	0.20530217E-03	-0.93134011E-04
9	0.19603652E-03	-0.92102229E-04
10	0.18689936E-03	-0.90541580E-04
11	0.17795025E-03	-0.88319386E-04
12	0.16926132E-03	-0.85322135E-04
13	0.16091351E-03	-0.81494632E-04
14	0.15299027E-03	-0.76830496E-04
15	0.14557529E-03	-0.71329727E-04
16	0.13875222E-03	-0.64992324E-04
17	0.13260471E-03	-0.57818281E-04
18	0.12721645E-03	-0.49807604E-04
19	0.12267107E-03	-0.40960291E-04
20	0.11905227E-03	-0.31276344E-04
21	0.11644370E-03	-0.20755760E-04
22	0.11492901E-03	-0.93985427E-05
23	0.11459188E-03	0.27953110E-05
24	0.11551596E-03	0.15825799E-04
25	0.11774462E-03	0.28483932E-04
26	0.12116004E-03	0.39560717E-04
27	0.12560406E-03	0.49056154E-04
28	0.13091856E-03	0.56970246E-04
29	0.13694540E-03	0.63302985E-04
30	0.14352644E-03	0.68054382E-04
31	0.15050356E-03	0.71224429E-04
32	0.15771862E-03	0.72813127E-04
33	0.16501348E-03	0.72820483E-04
34	0.17222999E-03	0.71246490E-04
35	0.17921007E-03	0.68091147E-04
36	0.18579552E-03	0.63354455E-04
37	0.19182824E-03	0.57036417E-04
38	0.19715009E-03	0.49137030E-04
39	0.20160293E-03	0.39656297E-04
40	0.20502864E-03	0.28594219E-04
41	0.20726907E-03	0.15950791E-04
42	0.20816608E-03	0.17260160E-05
43	0.20756156E-03	-0.14080107E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20529736E-03	-0.31467578E-04
45	0.20121533E-03	-0.50436396E-04
46	0.19515736E-03	-0.70986556E-04
47	0.18696531E-03	-0.93118069E-04
48	0.17648103E-03	-0.11683093E-03
49	0.16354641E-03	-0.14212514E-03
50	0.14800330E-03	-0.16900069E-03
51	0.12970887E-03	-0.19699825E-03
52	0.10867900E-03	-0.22273522E-03
53	0.85524676E-04	-0.23758660E-03
54	0.62005412E-04	-0.22712593E-03
55	0.40920815E-04	-0.19202555E-03
56	0.23902350E-04	-0.14786371E-03
57	0.11324302E-04	-0.10441503E-03
58	0.28195839E-05	-0.66959161E-04
59	-0.23368466E-05	-0.37582784E-04
60	-0.49693931E-05	-0.16379008E-04
61	-0.58530331E-05	-0.23867753E-05
62	-0.56396825E-05	0.58174223E-05
63	-0.48320944E-05	0.97452394E-05
64	-0.37872687E-05	0.10774037E-04
65	-0.27361309E-05	0.10037520E-04
66	-0.18100232E-05	0.83932464E-05
67	-0.10678858E-05	0.64368460E-05
68	-0.52058141E-06	0.45426218E-05
69	-0.15047972E-06	0.29148496E-05
70	0.74071110E-07	0.16375554E-05
71	0.18893458E-06	0.71735769E-06
72	0.22811636E-06	0.11437148E-06
73	0.22027439E-06	-0.23464906E-06
74	0.18738547E-06	-0.39770245E-06
75	0.14487208E-06	-0.43661043E-06
76	0.10252199E-06	-0.40176002E-06
77	0.65729026E-07	-0.33064111E-06
78	0.36754596E-07	-0.24869723E-06
79	0.15835438E-07	-0.17137755E-06
80	0.20621742E-08	-0.10656517E-06
81	-0.59822916E-08	-0.56893679E-07
82	-0.98042383E-08	-0.21852507E-07
83	-0.10771257E-07	0.63475503E-09
84	-0.10005540E-07	0.13274426E-07
85	-0.83535312E-08	0.18799309E-07
86	-0.64023449E-08	0.19624206E-07
87	-0.45206603E-08	0.17689983E-07
88	-0.29084855E-08	0.14431641E-07
89	-0.16460530E-08	0.10821675E-07

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.73610457E-09	0.74530853E-08
91	-0.13713966E-09	0.46333799E-08
92	0.21253607E-09	0.24726157E-08
93	0.37880521E-09	0.95450425E-09
94	0.42186946E-09	-0.10631484E-10
95	0.39106401E-09	-0.54421462E-09
96	0.32330219E-09	-0.76952750E-09
97	0.24382302E-09	-0.79490481E-09
98	0.16811981E-09	-0.70632494E-09
99	0.10427677E-09	-0.56618288E-09
100	0.55228461E-10	-0.41568399E-09
101	0.20682327E-10	-0.27891467E-09
102	-0.13928951E-11	-0.16729791E-09
103	-0.13712611E-10	-0.83741784E-10
104	-0.19010208E-10	-0.26254362E-10
105	-0.19688969E-10	0.94684477E-11
106	-0.17672334E-10	0.28516836E-10
107	-0.14377608E-10	0.35805036E-10
108	-0.10762813E-10	0.35548654E-10
109	-0.74091696E-11	0.31053524E-10
110	-0.46138236E-11	0.24706914E-10
111	-0.24769316E-11	0.18085962E-10
112	-0.97484488E-12	0.12118604E-10
113	-0.16445743E-13	0.72541990E-11
114	0.51696825E-12	0.36189949E-11
115	0.74572558E-12	0.11349620E-11
116	0.77595802E-12	-0.38914984E-12
117	0.69221137E-12	-0.11837889E-11
118	0.55610551E-12	-0.14712716E-11
119	0.40856264E-12	-0.14405874E-11
120	0.27372700E-12	-0.12377331E-11
121	0.16331519E-12	-0.96590379E-12
122	0.80644638E-13	-0.69112261E-12
123	0.23963443E-13	-0.45015798E-12
124	-0.11036560E-13	-0.25868150E-12
125	-0.29492403E-13	-0.11879138E-12
126	-0.36336738E-13	-0.25158274E-13
127	-0.35777337E-13	0.30876489E-13
128	-0.31098540E-13	0.58798242E-13
129	-0.24661578E-13	0.67403311E-13
130	-0.18017292E-13	0.64025960E-13
131	-0.12068735E-13	0.54278095E-13
132	-0.72422850E-14	0.42111862E-13
133	-0.36425491E-14	0.30060047E-13
134	-0.11789844E-14	0.19546962E-13
135	0.33905829E-15	0.11200326E-13

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11366724E-14	0.51214378E-14
137	0.14315138E-14	0.10875908E-14
138	0.14094074E-14	-0.12897496E-14
139	0.12144412E-14	-0.24407737E-14
140	0.94887627E-15	-0.27630882E-14
141	0.67851431E-15	-0.25846787E-14
142	0.44040734E-15	-0.21522660E-14
143	0.25087668E-15	-0.16353867E-14
144	0.11265610E-15	-0.11387243E-14
145	0.20625160E-16	-0.71726125E-15
146	-0.33972248E-16	-0.39108091E-15
147	-0.60721264E-16	-0.15880788E-15
148	-0.68449745E-16	-0.80125462E-17
149	-0.64474037E-16	0.78275036E-16
150	-0.54362727E-16	0.11752296E-15
151	-0.42016600E-16	0.12535611E-15
152	-0.29915923E-16	0.11445673E-15
153	-0.19434405E-16	0.94282834E-16
154	-0.11152573E-16	0.71312379E-16
155	-0.51313128E-17	0.49560440E-16
156	-0.11286941E-17	0.31162249E-16
157	0.12402442E-17	0.16937266E-16
158	0.23969862E-17	0.68590954E-17
159	0.27321749E-17	0.38427572E-18
160	0.25679959E-17	-0.32659105E-17
161	0.21465523E-17	-0.48893153E-17
162	0.16342208E-17	-0.51900790E-17
163	0.11335348E-17	-0.47408922E-17
164	0.69633822E-18	-0.39828300E-17
165	0.33726790E-18	-0.32157966E-17
166	0.48190615E-19	-0.25984113E-17
167	-0.18985773E-18	-0.22043267E-17
168	-0.40005306E-18	-0.20315922E-17
169	-0.60065565E-18	-0.19932431E-17

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27125431E-03	-0.94468458E-04
2	0.26180755E-03	-0.94466173E-04
3	0.25236138E-03	-0.94454663E-04
4	0.24291729E-03	-0.94422925E-04
5	0.23347836E-03	-0.94344185E-04
6	0.22405184E-03	-0.94163908E-04
7	0.21465165E-03	-0.93801740E-04
8	0.20530094E-03	-0.93155999E-04
9	0.19603371E-03	-0.92112386E-04
10	0.18689597E-03	-0.90543726E-04
11	0.17794692E-03	-0.88316650E-04
12	0.16925839E-03	-0.85316860E-04
13	0.16091116E-03	-0.81488448E-04
14	0.15298855E-03	-0.76824421E-04
15	0.14557414E-03	-0.71324306E-04
16	0.13875158E-03	-0.64987791E-04
17	0.13260447E-03	-0.57814654E-04
18	0.12721654E-03	-0.49804803E-04
19	0.12267141E-03	-0.40958224E-04
20	0.11905278E-03	-0.31274922E-04
21	0.11644432E-03	-0.20754895E-04
22	0.11492969E-03	-0.93981498E-05
23	0.11459258E-03	0.27953179E-05
24	0.11551665E-03	0.15825506E-04
25	0.11774527E-03	0.28483411E-04
26	0.12116062E-03	0.39560022E-04
27	0.12560457E-03	0.49055343E-04
28	0.13091898E-03	0.56969373E-04
29	0.13694573E-03	0.63302112E-04
30	0.14352669E-03	0.68053560E-04
31	0.15050374E-03	0.71223716E-04
32	0.15771872E-03	0.72812560E-04
33	0.16501354E-03	0.72820061E-04
34	0.17223002E-03	0.71246199E-04
35	0.17921005E-03	0.68090965E-04
36	0.18579551E-03	0.63354360E-04
37	0.19182822E-03	0.57036377E-04
38	0.19715006E-03	0.49137027E-04
39	0.20160292E-03	0.39656315E-04
40	0.20502861E-03	0.28594242E-04
41	0.20726905E-03	0.15950814E-04
42	0.20816606E-03	0.17260392E-05
43	0.20756155E-03	-0.14080085E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20529734E-03	-0.31467556E-04
45	0.20121533E-03	-0.50436374E-04
46	0.19515735E-03	-0.70986542E-04
47	0.18696531E-03	-0.93118055E-04
48	0.17648103E-03	-0.11683092E-03
49	0.16354640E-03	-0.14212514E-03
50	0.14800330E-03	-0.16900069E-03
51	0.12970887E-03	-0.19699825E-03
52	0.10867900E-03	-0.22273521E-03
53	0.85524676E-04	-0.23758660E-03
54	0.62005412E-04	-0.22712593E-03
55	0.40920815E-04	-0.19202555E-03
56	0.23902350E-04	-0.14786371E-03
57	0.11324302E-04	-0.10441503E-03
58	0.28195839E-05	-0.66959161E-04
59	-0.23368466E-05	-0.37582784E-04
60	-0.49693931E-05	-0.16379008E-04
61	-0.58530331E-05	-0.23867758E-05
62	-0.56396825E-05	0.58174223E-05
63	-0.48320944E-05	0.97452394E-05
64	-0.37872687E-05	0.10774037E-04
65	-0.27361309E-05	0.10037520E-04
66	-0.18100232E-05	0.83932464E-05
67	-0.10678858E-05	0.64368460E-05
68	-0.52058141E-06	0.45426223E-05
69	-0.15047972E-06	0.29148496E-05
70	0.74071117E-07	0.16375556E-05
71	0.18893459E-06	0.71735781E-06
72	0.22811639E-06	0.11437157E-06
73	0.22027442E-06	-0.23464898E-06
74	0.18738550E-06	-0.39770239E-06
75	0.14487212E-06	-0.43661043E-06
76	0.10252202E-06	-0.40176008E-06
77	0.65729054E-07	-0.33064120E-06
78	0.36754617E-07	-0.24869732E-06
79	0.15835454E-07	-0.17137762E-06
80	0.20621829E-08	-0.10656522E-06
81	-0.59822876E-08	-0.56893715E-07
82	-0.98042374E-08	-0.21852532E-07
83	-0.10771258E-07	0.63473954E-09
84	-0.10005543E-07	0.13274418E-07
85	-0.83535339E-08	0.18799309E-07
86	-0.64023475E-08	0.19624210E-07
87	-0.45206625E-08	0.17689988E-07
88	-0.29084872E-08	0.14431646E-07
89	-0.16460541E-08	0.10821680E-07

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.73610529E-09	0.74530897E-08
91	-0.13714002E-09	0.46333826E-08
92	0.21253596E-09	0.24726177E-08
93	0.37880526E-09	0.95450547E-09
94	0.42186957E-09	-0.10630868E-10
95	0.39106418E-09	-0.54421440E-09
96	0.32330238E-09	-0.76952761E-09
97	0.24382318E-09	-0.79490509E-09
98	0.16811992E-09	-0.70632528E-09
99	0.10427686E-09	-0.56618316E-09
100	0.55228516E-10	-0.41568426E-09
101	0.20682359E-10	-0.27891489E-09
102	-0.13928818E-11	-0.16729808E-09
103	-0.13712610E-10	-0.83741888E-10
104	-0.19010217E-10	-0.26254421E-10
105	-0.19688981E-10	0.94684191E-11
106	-0.17672346E-10	0.28516831E-10
107	-0.14377622E-10	0.35805046E-10
108	-0.10762824E-10	0.35548679E-10
109	-0.74091783E-11	0.31053549E-10
110	-0.46138297E-11	0.24706940E-10
111	-0.24769355E-11	0.18085981E-10
112	-0.97484705E-12	0.12118619E-10
113	-0.16446664E-13	0.72542090E-11
114	0.51696814E-12	0.36190009E-11
115	0.74572596E-12	0.11349652E-11
116	0.77595862E-12	-0.38914878E-12
117	0.69221197E-12	-0.11837891E-11
118	0.55610600E-12	-0.14712724E-11
119	0.40856305E-12	-0.14405886E-11
120	0.27372730E-12	-0.12377342E-11
121	0.16331538E-12	-0.96590466E-12
122	0.80644760E-13	-0.69112332E-12
123	0.23963501E-13	-0.45015847E-12
124	-0.11036545E-13	-0.25868183E-12
125	-0.29492410E-13	-0.11879153E-12
126	-0.36336755E-13	-0.25158324E-13
127	-0.35777354E-13	0.30876496E-13
128	-0.31098557E-13	0.58798262E-13
129	-0.24661591E-13	0.67403331E-13
130	-0.18017306E-13	0.64025967E-13
131	-0.12068749E-13	0.54278091E-13
132	-0.72422986E-14	0.42111856E-13
133	-0.36425635E-14	0.30060047E-13
134	-0.11789979E-14	0.19546978E-13
135	0.33904704E-15	0.11200351E-13

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11366639E-14	0.51214691E-14
137	0.14315090E-14	0.10876300E-14
138	0.14094066E-14	-0.12897082E-14
139	0.12144442E-14	-0.24407428E-14
140	0.94888146E-15	-0.27630770E-14
141	0.67851950E-15	-0.25846884E-14
142	0.44041063E-15	-0.21522936E-14
143	0.25087652E-15	-0.16354271E-14
144	0.11265152E-15	-0.11387713E-14
145	0.20615816E-16	-0.71730847E-15
146	-0.33986062E-16	-0.39112225E-15
147	-0.60738721E-16	-0.15883873E-15
148	-0.68469650E-16	-0.80304588E-17
149	-0.64495074E-16	0.78270066E-16
150	-0.54383697E-16	0.11752880E-15
151	-0.42036574E-16	0.12536973E-15
152	-0.29934270E-16	0.11447505E-15
153	-0.19450808E-16	0.94303050E-16
154	-0.11166948E-16	0.71332450E-16
155	-0.51437403E-17	0.49579174E-16
156	-0.11393392E-17	0.31179114E-16
157	0.12311807E-17	0.16951996E-16
158	0.23892765E-17	0.68713687E-17
159	0.27255492E-17	0.39358174E-18
160	0.25621264E-17	-0.32601965E-17
161	0.21410507E-17	-0.48877511E-17
162	0.16286541E-17	-0.51929683E-17
163	0.11274574E-17	-0.47481735E-17
164	0.68932998E-18	-0.39940606E-17
165	0.32896921E-18	-0.32302302E-17
166	0.38326244E-19	-0.26151311E-17
167	-0.20146952E-18	-0.22224075E-17
168	-0.41350792E-18	-0.20502643E-17
169	-0.61598662E-18	-0.20120480E-17

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27120888E-03	-0.94483177E-04
2	0.26176070E-03	-0.94479117E-04
3	0.25231362E-03	-0.94458606E-04
4	0.24287014E-03	-0.94403258E-04
5	0.23343526E-03	-0.94278854E-04
6	0.22401873E-03	-0.94023795E-04
7	0.21463774E-03	-0.93551789E-04
8	0.20531911E-03	-0.92757458E-04
9	0.19610078E-03	-0.91526825E-04
10	0.18703230E-03	-0.89739413E-04
11	0.17817538E-03	-0.87277738E-04
12	0.16960209E-03	-0.84056061E-04
13	0.16139055E-03	-0.80043050E-04
14	0.15361985E-03	-0.75238720E-04
15	0.14636917E-03	-0.69643065E-04
16	0.13971762E-03	-0.63256084E-04
17	0.13374434E-03	-0.56077773E-04
18	0.12852845E-03	-0.48108141E-04
19	0.12414908E-03	-0.39347182E-04
20	0.12068538E-03	-0.29794895E-04
21	0.11821649E-03	-0.19451283E-04
22	0.11682151E-03	-0.83163459E-05
23	0.11657959E-03	0.36099177E-05
24	0.11756987E-03	0.16327507E-04
25	0.11982956E-03	0.28578981E-04
26	0.12322818E-03	0.39106028E-04
27	0.12759332E-03	0.47909671E-04
28	0.13275290E-03	0.54996977E-04
29	0.13853598E-03	0.60382121E-04
30	0.14477334E-03	0.64087479E-04
31	0.15129868E-03	0.66149238E-04
32	0.15795098E-03	0.66644963E-04
33	0.16458025E-03	0.65718130E-04
34	0.17105426E-03	0.63580628E-04
35	0.17726529E-03	0.60510538E-04
36	0.18313641E-03	0.56841909E-04
37	0.18862663E-03	0.52961874E-04
38	0.19373703E-03	0.49328930E-04
39	0.19851790E-03	0.46460558E-04
40	0.20307157E-03	0.44865119E-04
41	0.20754650E-03	0.44937067E-04
42	0.21211895E-03	0.46807807E-04
43	0.21696731E-03	0.50455634E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22226930E-03	0.55880544E-04
45	0.22820265E-03	0.63082545E-04
46	0.23494505E-03	0.72061630E-04
47	0.24267421E-03	0.82817802E-04
48	0.25156784E-03	0.95351053E-04
49	0.26180365E-03	0.10966140E-03
50	0.27348721E-03	0.12358457E-03
51	0.28643553E-03	0.13495630E-03
52	0.30039344E-03	0.14377657E-03
53	0.31510578E-03	0.15004542E-03
54	0.33031747E-03	0.15376283E-03
55	0.34577330E-03	0.15492878E-03
56	0.36121818E-03	0.15354331E-03
57	0.37639693E-03	0.14960641E-03
58	0.39105440E-03	0.14311804E-03
59	0.40493548E-03	0.13407825E-03
60	0.41778502E-03	0.12248701E-03
61	0.42934783E-03	0.10834433E-03
62	0.43936883E-03	0.91650218E-04
63	0.44759284E-03	0.72404662E-04
64	0.45376472E-03	0.50607669E-04
65	0.45762933E-03	0.26259229E-04
66	0.45893152E-03	-0.64064682E-06
67	0.45741614E-03	-0.30091964E-04
68	0.45282807E-03	-0.62094725E-04
69	0.44491215E-03	-0.96648917E-04
70	0.43341322E-03	-0.13375455E-03
71	0.41807618E-03	-0.17341164E-03
72	0.39864588E-03	-0.21562015E-03
73	0.37486712E-03	-0.26038010E-03
74	0.34648480E-03	-0.30769152E-03
75	0.31324377E-03	-0.35755435E-03
76	0.27495279E-03	-0.40805107E-03
77	0.23185206E-03	-0.45199232E-03
78	0.18524865E-03	-0.47510411E-03
79	0.13825917E-03	-0.45537791E-03
80	0.95559779E-04	-0.39405006E-03
81	0.60033824E-04	-0.31518214E-03
82	0.32575808E-04	-0.23474052E-03
83	0.12822717E-04	-0.16218906E-03
84	-0.27838726E-06	-0.10212907E-03
85	-0.80605751E-05	-0.55793425E-04
86	-0.11868795E-04	-0.22409451E-04
87	-0.12914794E-04	-0.19533114E-06
88	-0.12206340E-04	0.13064422E-04
89	-0.10525538E-04	0.19615318E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.84391768E-05	0.21489204E-04
91	-0.63270950E-05	0.20381151E-04
92	-0.44183657E-05	0.17610511E-04
93	-0.28284799E-05	0.14135257E-04
94	-0.15933647E-05	0.10598499E-04
95	-0.69782709E-06	0.73903302E-05
96	-0.97675617E-07	0.47108515E-05
97	0.26420886E-06	0.26273437E-05
98	0.44698629E-06	0.11196310E-05
99	0.50488472E-06	0.11440723E-06
100	0.48334743E-06	-0.48642647E-06
101	0.41768439E-06	-0.78471066E-06
102	0.33339523E-06	-0.87329619E-06
103	0.24743565E-06	-0.82956706E-06
104	0.16989895E-06	-0.71332460E-06
105	0.10575722E-06	-0.56748746E-06
106	0.56444261E-07	-0.42036606E-06
107	0.21172633E-07	-0.28858588E-06
108	-0.20483883E-08	-0.18006992E-06
109	-0.15682264E-07	-0.96781378E-07
110	-0.22192689E-07	-0.37133589E-07
111	-0.23784155E-07	0.22590143E-08
112	-0.22279076E-07	0.25505903E-07
113	-0.19083931E-07	0.36724114E-07
114	-0.15211981E-07	0.39610498E-07
115	-0.11337383E-07	0.37230329E-07
116	-0.78624085E-08	0.31955370E-07
117	-0.49857083E-08	0.25498416E-07
118	-0.27640064E-08	0.19003037E-07
119	-0.11634771E-08	0.13156371E-07
120	-0.99585395E-10	0.83041050E-08
121	0.53409854E-09	0.45544790E-08
122	0.84646823E-09	0.18595877E-08
123	0.93645403E-09	0.77835335E-10
124	0.88636926E-09	-0.97389852E-09
125	0.75976359E-09	-0.14829552E-08
126	0.60222549E-09	-0.16185939E-08
127	0.44382215E-09	-0.15209130E-08
128	0.30223210E-09	-0.12975560E-08
129	0.18594076E-09	-0.10253048E-08
130	0.97127306E-10	-0.75436846E-09
131	0.34054391E-10	-0.51381260E-09
132	-0.70951474E-11	-0.31705469E-09
133	-0.30911867E-10	-0.16695642E-09
134	-0.41930698E-10	-0.60186113E-10
135	-0.44178151E-10	0.97123152E-11

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.40962116E-10	0.50394310E-10
137	-0.34820400E-10	0.69443014E-10
138	-0.27569280E-10	0.73618667E-10
139	-0.20406744E-10	0.68491955E-10
140	-0.14038235E-10	0.58344878E-10
141	-0.88027545E-11	0.46248245E-10
142	-0.47857855E-11	0.34235632E-10
143	-0.19125990E-11	0.23513894E-10
144	-0.20275167E-13	0.14674107E-10
145	0.10906137E-11	0.78860616E-11
146	0.16217806E-11	0.30433199E-11
147	0.17549944E-11	-0.12791996E-12
148	0.16404434E-11	-0.19717550E-11
149	0.13933058E-11	-0.28357173E-11
150	0.10955819E-11	-0.30312228E-11
151	0.80080848E-12	-0.28143119E-11
152	0.53995805E-12	-0.23802427E-11
153	0.32739875E-12	-0.18670092E-11
154	0.16622086E-12	-0.13638368E-11
155	0.52605317E-13	-0.92144716E-12
156	-0.20841251E-13	-0.56223808E-12
157	-0.62741513E-13	-0.29000549E-12
158	-0.81510414E-13	-0.97814829E-13
159	-0.84554705E-13	0.26869051E-13
160	-0.77899072E-13	0.98678762E-13
161	-0.66100615E-13	0.13203871E-12
162	-0.52344942E-13	0.13979037E-12
163	-0.38643706E-13	0.13250703E-12
164	-0.26074129E-13	0.11830592E-12
165	-0.15020783E-13	0.10295698E-12
166	-0.53989706E-14	0.90120911E-13
167	0.31475641E-14	0.81609768E-13
168	0.11072724E-13	0.77590847E-13
169	0.18767587E-13	0.76627527E-13

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27120870E-03	-0.94484356E-04
2	0.26176040E-03	-0.94480289E-04
3	0.25231318E-03	-0.94459734E-04
4	0.24286962E-03	-0.94404240E-04
5	0.23343465E-03	-0.94279530E-04
6	0.22401808E-03	-0.94023919E-04
7	0.21463711E-03	-0.93550996E-04
8	0.20531863E-03	-0.92755297E-04
9	0.19610062E-03	-0.91522757E-04
10	0.18703267E-03	-0.89732850E-04
11	0.17817655E-03	-0.87268112E-04
12	0.16960439E-03	-0.84042906E-04
13	0.16139435E-03	-0.80026199E-04
14	0.15362551E-03	-0.75218450E-04
15	0.14637699E-03	-0.69620415E-04
16	0.13972777E-03	-0.63232532E-04
17	0.13375681E-03	-0.56054792E-04
18	0.12854314E-03	-0.48087204E-04
19	0.12416570E-03	-0.39329771E-04
20	0.12070351E-03	-0.29782483E-04
21	0.11823553E-03	-0.19445346E-04
22	0.11684077E-03	-0.83183604E-05
23	0.11659819E-03	0.35984758E-05
24	0.11758679E-03	0.16305163E-04
25	0.11984373E-03	0.28547094E-04
26	0.12323890E-03	0.39069666E-04
27	0.12760039E-03	0.47873935E-04
28	0.13275660E-03	0.54965574E-04
29	0.13853687E-03	0.60357921E-04
30	0.14477228E-03	0.64072992E-04
31	0.15129676E-03	0.66146989E-04
32	0.15794956E-03	0.66657703E-04
33	0.16458098E-03	0.65748878E-04
34	0.17105909E-03	0.63632462E-04
35	0.17727647E-03	0.60586099E-04
36	0.18315640E-03	0.56942579E-04
37	0.18865791E-03	0.53086609E-04
38	0.19378179E-03	0.49472670E-04
39	0.19857756E-03	0.46612298E-04
40	0.20314603E-03	0.45005680E-04
41	0.20763329E-03	0.45036777E-04
42	0.21221289E-03	0.46852874E-04
43	0.21706337E-03	0.50453968E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22236319E-03	0.55840061E-04
45	0.22829087E-03	0.63011154E-04
46	0.23502491E-03	0.71967239E-04
47	0.24274382E-03	0.82708328E-04
48	0.25162607E-03	0.95234405E-04
49	0.26185019E-03	0.10954549E-03
50	0.27352251E-03	0.12347627E-03
51	0.28646059E-03	0.13486149E-03
52	0.30040988E-03	0.14369916E-03
53	0.31511541E-03	0.14998605E-03
54	0.33032199E-03	0.15372009E-03
55	0.34577429E-03	0.15490020E-03
56	0.36121689E-03	0.15352594E-03
57	0.37639434E-03	0.14959733E-03
58	0.39105123E-03	0.14311467E-03
59	0.40493216E-03	0.13407842E-03
60	0.41778182E-03	0.12248907E-03
61	0.42934489E-03	0.10834716E-03
62	0.43936618E-03	0.91653143E-04
63	0.44759046E-03	0.72407471E-04
64	0.45376262E-03	0.50610346E-04
65	0.45762747E-03	0.26261776E-04
66	0.45892992E-03	-0.63824410E-06
67	0.45741478E-03	-0.30089712E-04
68	0.45282693E-03	-0.62092629E-04
69	0.44491122E-03	-0.96646996E-04
70	0.43341247E-03	-0.13375281E-03
71	0.41807559E-03	-0.17341008E-03
72	0.39864541E-03	-0.21561878E-03
73	0.37486680E-03	-0.26037896E-03
74	0.34648456E-03	-0.30769056E-03
75	0.31324362E-03	-0.35755362E-03
76	0.27495273E-03	-0.40805055E-03
77	0.23185204E-03	-0.45199197E-03
78	0.18524865E-03	-0.47510388E-03
79	0.13825919E-03	-0.45537783E-03
80	0.95559808E-04	-0.39405003E-03
81	0.60033854E-04	-0.31518214E-03
82	0.32575834E-04	-0.23474055E-03
83	0.12822738E-04	-0.16218911E-03
84	-0.27837075E-06	-0.10212911E-03
85	-0.80605632E-05	-0.55793469E-04
86	-0.11868787E-04	-0.22409487E-04
87	-0.12914789E-04	-0.19535912E-06
88	-0.12206337E-04	0.13064402E-04
89	-0.10525538E-04	0.19615305E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.84391768E-05	0.21489197E-04
91	-0.63270959E-05	0.20381147E-04
92	-0.44183671E-05	0.17610510E-04
93	-0.28284810E-05	0.14135258E-04
94	-0.15933656E-05	0.10598500E-04
95	-0.69782789E-06	0.73903325E-05
96	-0.97676214E-07	0.47108533E-05
97	0.26420847E-06	0.26273456E-05
98	0.44698604E-06	0.11196323E-05
99	0.50488455E-06	0.11440824E-06
100	0.48334738E-06	-0.48642579E-06
101	0.41768439E-06	-0.78471021E-06
102	0.33339526E-06	-0.87329602E-06
103	0.24743568E-06	-0.82956700E-06
104	0.16989898E-06	-0.71332465E-06
105	0.10575724E-06	-0.56748763E-06
106	0.56444264E-07	-0.42036626E-06
107	0.21172614E-07	-0.28858611E-06
108	-0.20484310E-08	-0.18007015E-06
109	-0.15682328E-07	-0.96781584E-07
110	-0.22192774E-07	-0.37133788E-07
111	-0.23784260E-07	0.22588253E-08
112	-0.22279199E-07	0.25505745E-07
113	-0.19084064E-07	0.36724028E-07
114	-0.15212118E-07	0.39610551E-07
115	-0.11337506E-07	0.37230510E-07
116	-0.78625106E-08	0.31955608E-07
117	-0.49857865E-08	0.25498657E-07
118	-0.27640614E-08	0.19003252E-07
119	-0.11635126E-08	0.13156547E-07
120	-0.99605525E-10	0.83042373E-08
121	0.53408961E-09	0.45545714E-08
122	0.84646679E-09	0.18596462E-08
123	0.93645702E-09	0.77867657E-10
124	0.88637447E-09	-0.97388497E-09
125	0.75976953E-09	-0.14829541E-08
126	0.60223110E-09	-0.16186000E-08
127	0.44382698E-09	-0.15209226E-08
128	0.30223588E-09	-0.12975665E-08
129	0.18594352E-09	-0.10253147E-08
130	0.97129152E-10	-0.75437673E-09
131	0.34055505E-10	-0.51381904E-09
132	-0.70945897E-11	-0.31705932E-09
133	-0.30911693E-10	-0.16695949E-09
134	-0.41930764E-10	-0.60187917E-10
135	-0.44178348E-10	0.97114443E-11

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.40962365E-10	0.50394081E-10
137	-0.34820653E-10	0.69443173E-10
138	-0.27569504E-10	0.73619041E-10
139	-0.20406926E-10	0.68492406E-10
140	-0.14038371E-10	0.58345322E-10
141	-0.88028491E-11	0.46248630E-10
142	-0.47858453E-11	0.34235944E-10
143	-0.19126317E-11	0.23514125E-10
144	-0.20288504E-13	0.14674265E-10
145	0.10906131E-11	0.78861596E-11
146	0.16217873E-11	0.30433720E-11
147	0.17550047E-11	-0.12790039E-12
148	0.16404545E-11	-0.19717563E-11
149	0.13933161E-11	-0.28357308E-11
150	0.10955904E-11	-0.30312415E-11
151	0.80081514E-12	-0.28143315E-11
152	0.53996282E-12	-0.23802605E-11
153	0.32740190E-12	-0.18670241E-11
154	0.16622269E-12	-0.13638481E-11
155	0.52606181E-13	-0.92145519E-12
156	-0.20841041E-13	-0.56224329E-12
157	-0.62741709E-13	-0.29000847E-12
158	-0.81510821E-13	-0.97816219E-13
159	-0.84555199E-13	0.26868737E-13
160	-0.77899560E-13	0.98679108E-13
161	-0.66101042E-13	0.13203939E-12
162	-0.52345298E-13	0.13979119E-12
163	-0.38643977E-13	0.13250783E-12
164	-0.26074325E-13	0.11830665E-12
165	-0.15020910E-13	0.10295763E-12
166	-0.53990376E-14	0.90121480E-13
167	0.31475509E-14	0.81610283E-13
168	0.11072761E-13	0.77591342E-13
169	0.18767673E-13	0.76628015E-13

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27120669E-03	-0.94481162E-04
2	0.26175872E-03	-0.94477022E-04
3	0.25231185E-03	-0.94456125E-04
4	0.24286867E-03	-0.94399802E-04
5	0.23343421E-03	-0.94273615E-04
6	0.22401834E-03	-0.94015762E-04
7	0.21463833E-03	-0.93539835E-04
8	0.20532115E-03	-0.92740469E-04
9	0.19610481E-03	-0.91503891E-04
10	0.18703895E-03	-0.89710033E-04
11	0.17818528E-03	-0.87242202E-04
12	0.16961580E-03	-0.84015875E-04
13	0.16140840E-03	-0.80000442E-04
14	0.15364202E-03	-0.75195909E-04
15	0.14639553E-03	-0.69602276E-04
16	0.13974786E-03	-0.63219544E-04
17	0.13377792E-03	-0.56047709E-04
18	0.12856461E-03	-0.48086771E-04
19	0.12418687E-03	-0.39336737E-04
20	0.12072358E-03	-0.29797600E-04
21	0.11825365E-03	-0.19469364E-04
22	0.11685600E-03	-0.83521591E-05
23	0.11660951E-03	0.35538262E-05
24	0.11759306E-03	0.16248578E-04
25	0.11984370E-03	0.28477574E-04
26	0.12323125E-03	0.38986680E-04
27	0.12758377E-03	0.47777936E-04
28	0.13272982E-03	0.54858781E-04
29	0.13849908E-03	0.60245697E-04
30	0.14472338E-03	0.63965403E-04
31	0.15123800E-03	0.66060391E-04
32	0.15788416E-03	0.66616267E-04
33	0.16451503E-03	0.65785811E-04
34	0.17100250E-03	0.63790496E-04
35	0.17724386E-03	0.60916878E-04
36	0.18316790E-03	0.57504225E-04
37	0.18873961E-03	0.53938773E-04
38	0.19396549E-03	0.50668237E-04
39	0.19889949E-03	0.48184869E-04
40	0.20364414E-03	0.46952129E-04
41	0.20834242E-03	0.47294408E-04
42	0.21315923E-03	0.49322800E-04
43	0.21826319E-03	0.53037307E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22382289E-03	0.58437930E-04
45	0.23000698E-03	0.65524669E-04
46	0.23698404E-03	0.74297517E-04
47	0.24492267E-03	0.84756488E-04
48	0.25399154E-03	0.96901567E-04
49	0.26435920E-03	0.11073276E-03
50	0.27612026E-03	0.12402952E-03
51	0.28907327E-03	0.13457128E-03
52	0.30294270E-03	0.14235807E-03
53	0.31745306E-03	0.14738984E-03
54	0.33232872E-03	0.14966332E-03
55	0.34729418E-03	0.14919054E-03
56	0.36207709E-03	0.14602554E-03
57	0.37641305E-03	0.14027338E-03
58	0.39005102E-03	0.13209913E-03
59	0.40275988E-03	0.12173525E-03
60	0.41433520E-03	0.10948460E-03
61	0.42460789E-03	0.95766940E-04
62	0.43345950E-03	0.81177241E-04
63	0.44084006E-03	0.66489127E-04
64	0.44678472E-03	0.52622461E-04
65	0.45142521E-03	0.40574865E-04
66	0.45499226E-03	0.31304113E-04
67	0.45780314E-03	0.25547073E-04
68	0.46022740E-03	0.23561815E-04
69	0.46264028E-03	0.25320236E-04
70	0.46541623E-03	0.30822332E-04
71	0.46892956E-03	0.40068106E-04
72	0.47355462E-03	0.53057556E-04
73	0.47966585E-03	0.69790680E-04
74	0.48763756E-03	0.90267480E-04
75	0.49772294E-03	0.11085260E-03
76	0.50969049E-03	0.12791067E-03
77	0.52318751E-03	0.14144168E-03
78	0.53786125E-03	0.15144564E-03
79	0.55335910E-03	0.15792255E-03
80	0.56932820E-03	0.16087241E-03
81	0.58541598E-03	0.16029523E-03
82	0.60126971E-03	0.15619099E-03
83	0.61653665E-03	0.14855970E-03
84	0.63086406E-03	0.13740137E-03
85	0.64389932E-03	0.12271598E-03
86	0.65528968E-03	0.10450354E-03
87	0.66468248E-03	0.82764054E-04
88	0.67172496E-03	0.57497513E-04
89	0.67606440E-03	0.28703924E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.67734817E-03	-0.36167173E-05
91	0.67522348E-03	-0.39464408E-04
92	0.66933769E-03	-0.78839148E-04
93	0.65933808E-03	-0.12174094E-03
94	0.64487197E-03	-0.16816978E-03
95	0.62558654E-03	-0.21812567E-03
96	0.60112926E-03	-0.27160862E-03
97	0.57114731E-03	-0.32861860E-03
98	0.53528795E-03	-0.38915564E-03
99	0.49319857E-03	-0.45321975E-03
100	0.44452643E-03	-0.52081089E-03
101	0.38902092E-03	-0.58886682E-03
102	0.32708806E-03	-0.64687332E-03
103	0.26063991E-03	-0.67506992E-03
104	0.19406113E-03	-0.64365478E-03
105	0.13381703E-03	-0.55499730E-03
106	0.83852530E-04	-0.44261382E-03
107	0.45346020E-04	-0.32867756E-03
108	0.17732322E-04	-0.22628227E-03
109	-0.50602216E-06	-0.14175469E-03
110	-0.11269562E-04	-0.76755474E-04
111	-0.16470025E-04	-0.30143487E-04
112	-0.17825092E-04	0.66348088E-06
113	-0.16757747E-04	0.18857907E-04
114	-0.14366620E-04	0.27659073E-04
115	-0.11442462E-04	0.29964329E-04
116	-0.85101992E-05	0.28176233E-04
117	-0.58817886E-05	0.24150946E-04
118	-0.37100799E-05	0.19223566E-04
119	-0.20376390E-05	0.14279284E-04
120	-0.83723722E-06	0.98445780E-05
121	-0.43086661E-07	0.61789710E-05
122	0.42669569E-06	0.33575234E-05
123	0.65513075E-06	0.13374581E-05
124	0.71720666E-06	0.79737514E-08
125	0.67505965E-06	-0.77148582E-06
126	0.57649044E-06	-0.11435176E-05
127	0.45566424E-06	-0.12363064E-05
128	0.33501345E-06	-0.11555662E-05
129	0.22763790E-06	-0.98221903E-06
130	0.13974102E-06	-0.77373056E-06
131	0.72816114E-07	-0.56751196E-06
132	0.25444812E-07	-0.38510768E-06
133	-0.53277822E-08	-0.23637422E-06
134	-0.23019506E-07	-0.12332501E-06
135	-0.31094302E-07	-0.43321371E-07

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.32617390E-07	0.86740020E-08
137	-0.30095418E-07	0.38591942E-07
138	-0.25440320E-07	0.52270323E-07
139	-0.20010345E-07	0.54878921E-07
140	-0.14692495E-07	0.50648723E-07
141	-0.10000942E-07	0.42808246E-07
142	-0.61747603E-08	0.33650341E-07
143	-0.32648733E-08	0.24672467E-07
144	-0.12052563E-08	0.16744913E-07
145	0.13274998E-09	0.10276582E-07
146	0.90188024E-09	0.53628573E-08
147	0.12536093E-08	0.18977695E-08
148	0.13223631E-08	-0.33944933E-09
149	0.12178540E-08	-0.16126325E-08
150	0.10232988E-08	-0.21819511E-08
151	0.79727464E-09	-0.22769455E-08
152	0.57750688E-09	-0.20840236E-08
153	0.38537851E-09	-0.17438433E-08
154	0.23036574E-09	-0.13548367E-08
155	0.11394258E-09	-0.97988762E-09
156	0.32749314E-10	-0.65410577E-09
157	-0.19014089E-10	-0.39238945E-09
158	-0.47915023E-10	-0.19626645E-09
159	-0.60246148E-10	-0.59506615E-10
160	-0.61459504E-10	0.27958526E-10
161	-0.55919956E-10	0.77458380E-10
162	-0.46869109E-10	0.99919670E-10
163	-0.36518427E-10	0.10490882E-09
164	-0.26211167E-10	0.10018334E-09
165	-0.16611159E-10	0.91575830E-10
166	-0.78928331E-11	0.83063362E-10
167	0.80355874E-13	0.76916133E-10
168	0.75932143E-11	0.73853500E-10
169	0.14927724E-10	0.73090888E-10

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27120663E-03	-0.94481082E-04
2	0.26175866E-03	-0.94476942E-04
3	0.25231179E-03	-0.94456038E-04
4	0.24286863E-03	-0.94399686E-04
5	0.23343418E-03	-0.94273433E-04
6	0.22401832E-03	-0.94015493E-04
7	0.21463836E-03	-0.93539442E-04
8	0.20532122E-03	-0.92739923E-04
9	0.19610494E-03	-0.91503156E-04
10	0.18703917E-03	-0.89709101E-04
11	0.17818560E-03	-0.87241096E-04
12	0.16961624E-03	-0.84014631E-04
13	0.16140897E-03	-0.79999147E-04
14	0.15364270E-03	-0.75194628E-04
15	0.14639634E-03	-0.69601090E-04
16	0.13974878E-03	-0.63218526E-04
17	0.13377894E-03	-0.56046938E-04
18	0.12856571E-03	-0.48086320E-04
19	0.12418798E-03	-0.39336679E-04
20	0.12072466E-03	-0.29798013E-04
21	0.11825467E-03	-0.19470321E-04
22	0.11685690E-03	-0.83536015E-05
23	0.11661025E-03	0.35521416E-05
24	0.11759363E-03	0.16246900E-04
25	0.11984411E-03	0.28476046E-04
26	0.12323151E-03	0.38985359E-04
27	0.12758392E-03	0.47776830E-04
28	0.13272987E-03	0.54857868E-04
29	0.13849903E-03	0.60244947E-04
30	0.14472328E-03	0.63964770E-04
31	0.15123782E-03	0.66059860E-04
32	0.15788394E-03	0.66615830E-04
33	0.16451479E-03	0.65785491E-04
34	0.17100222E-03	0.63790350E-04
35	0.17724358E-03	0.60916995E-04
36	0.18316765E-03	0.57504742E-04
37	0.18873945E-03	0.53939864E-04
38	0.19396546E-03	0.50670104E-04
39	0.19889971E-03	0.48187729E-04
40	0.20364470E-03	0.46956186E-04
41	0.20834345E-03	0.47299807E-04
42	0.21316086E-03	0.49329574E-04
43	0.21826556E-03	0.53045296E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22382612E-03	0.58446683E-04
45	0.23001108E-03	0.65533553E-04
46	0.23698901E-03	0.74305921E-04
47	0.24492844E-03	0.84763771E-04
48	0.25399795E-03	0.96907112E-04
49	0.26436604E-03	0.11073594E-03
50	0.27612731E-03	0.12402955E-03
51	0.28908011E-03	0.13456725E-03
52	0.30294887E-03	0.14234903E-03
53	0.31745803E-03	0.14737490E-03
54	0.33233198E-03	0.14964484E-03
55	0.34729566E-03	0.14917403E-03
56	0.36207723E-03	0.14601613E-03
57	0.37641282E-03	0.14027608E-03
58	0.39005189E-03	0.13211899E-03
59	0.40276378E-03	0.12177724E-03
60	0.41434460E-03	0.10955337E-03
61	0.42462567E-03	0.95866162E-04
62	0.43348881E-03	0.81308601E-04
63	0.44088406E-03	0.66650908E-04
64	0.44684616E-03	0.52807609E-04
65	0.45150574E-03	0.40768671E-04
66	0.45509159E-03	0.31481555E-04
67	0.45791789E-03	0.25670066E-04
68	0.46035077E-03	0.23613160E-04
69	0.46276569E-03	0.25310834E-04
70	0.46553809E-03	0.30763087E-04
71	0.46904344E-03	0.39969927E-04
72	0.47365722E-03	0.52931344E-04
73	0.47975488E-03	0.69647343E-04
74	0.48771186E-03	0.90117930E-04
75	0.49778237E-03	0.11070581E-03
76	0.50973566E-03	0.12777373E-03
77	0.52321976E-03	0.14132167E-03
78	0.53788262E-03	0.15134730E-03
79	0.55337168E-03	0.15784672E-03
80	0.56933431E-03	0.16081746E-03
81	0.58541755E-03	0.16025818E-03
82	0.60126826E-03	0.15616830E-03
83	0.61653351E-03	0.14854783E-03
84	0.63086016E-03	0.13739709E-03
85	0.64389524E-03	0.12271661E-03
86	0.65528584E-03	0.10450694E-03
87	0.66467904E-03	0.82768674E-04
88	0.67172199E-03	0.57502340E-04
89	0.67606190E-03	0.28708409E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.67734608E-03	-0.36127274E-05
91	0.67522179E-03	-0.39460887E-04
92	0.66933635E-03	-0.78836070E-04
93	0.65933703E-03	-0.12173828E-03
94	0.64487109E-03	-0.16816751E-03
95	0.62558596E-03	-0.21812377E-03
96	0.60112879E-03	-0.27160704E-03
97	0.57114696E-03	-0.32861735E-03
98	0.53528778E-03	-0.38915465E-03
99	0.49319846E-03	-0.45321902E-03
100	0.44452641E-03	-0.52081037E-03
101	0.38902089E-03	-0.58886647E-03
102	0.32708808E-03	-0.64687314E-03
103	0.26063994E-03	-0.67506987E-03
104	0.19406117E-03	-0.64365478E-03
105	0.13381706E-03	-0.55499736E-03
106	0.83852559E-04	-0.44261388E-03
107	0.45346042E-04	-0.32867762E-03
108	0.17732338E-04	-0.22628233E-03
109	-0.50601119E-06	-0.14175473E-03
110	-0.11269555E-04	-0.76755510E-04
111	-0.16470021E-04	-0.30143514E-04
112	-0.17825092E-04	0.66346263E-06
113	-0.16757747E-04	0.18857894E-04
114	-0.14366621E-04	0.27659067E-04
115	-0.11442464E-04	0.29964327E-04
116	-0.85102010E-05	0.28176235E-04
117	-0.58817900E-05	0.24150948E-04
118	-0.37100810E-05	0.19223568E-04
119	-0.20376397E-05	0.14279287E-04
120	-0.83723774E-06	0.98445807E-05
121	-0.43087020E-07	0.61789729E-05
122	0.42669549E-06	0.33575245E-05
123	0.65513063E-06	0.13374590E-05
124	0.71720666E-06	0.79743376E-08
125	0.67505971E-06	-0.77148547E-06
126	0.57649049E-06	-0.11435175E-05
127	0.45566429E-06	-0.12363064E-05
128	0.33501351E-06	-0.11555663E-05
129	0.22763794E-06	-0.98221915E-06
130	0.13974105E-06	-0.77373068E-06
131	0.72816142E-07	-0.56751202E-06
132	0.25444832E-07	-0.38510777E-06
133	-0.53277707E-08	-0.23637428E-06
134	-0.23019501E-07	-0.12332505E-06
135	-0.31094299E-07	-0.43321403E-07

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.32617390E-07	0.86739833E-08
137	-0.30095418E-07	0.38591931E-07
138	-0.25440322E-07	0.52270320E-07
139	-0.20010347E-07	0.54878921E-07
140	-0.14692498E-07	0.50648726E-07
141	-0.10000944E-07	0.42808249E-07
142	-0.61747616E-08	0.33650345E-07
143	-0.32648741E-08	0.24672470E-07
144	-0.12052570E-08	0.16744915E-07
145	0.13274963E-09	0.10276584E-07
146	0.90188007E-09	0.53628590E-08
147	0.12536093E-08	0.18977704E-08
148	0.13223631E-08	-0.33944877E-09
149	0.12178542E-08	-0.16126321E-08
150	0.10232989E-08	-0.21819508E-08
151	0.79727475E-09	-0.22769457E-08
152	0.57750693E-09	-0.20840238E-08
153	0.38537856E-09	-0.17438435E-08
154	0.23036578E-09	-0.13548369E-08
155	0.11394261E-09	-0.97988773E-09
156	0.32749331E-10	-0.65410588E-09
157	-0.19014079E-10	-0.39238954E-09
158	-0.47915019E-10	-0.19626650E-09
159	-0.60246148E-10	-0.59506650E-10
160	-0.61459504E-10	0.27958511E-10
161	-0.55919960E-10	0.77458373E-10
162	-0.46869116E-10	0.99919670E-10
163	-0.36518431E-10	0.10490882E-09
164	-0.26211170E-10	0.10018335E-09
165	-0.16611160E-10	0.91575844E-10
166	-0.78928340E-11	0.83063369E-10
167	0.80355231E-13	0.76916147E-10
168	0.75932143E-11	0.73853507E-10
169	0.14927724E-10	0.73090894E-10

STEP DI CARICO NO. 10

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27120661E-03	-0.94481067E-04
2	0.26175863E-03	-0.94476927E-04
3	0.25231179E-03	-0.94456016E-04
4	0.24286861E-03	-0.94399657E-04
5	0.23343418E-03	-0.94273397E-04
6	0.22401832E-03	-0.94015435E-04
7	0.21463836E-03	-0.93539362E-04
8	0.20532124E-03	-0.92739814E-04
9	0.19610497E-03	-0.91503010E-04
10	0.18703922E-03	-0.89708919E-04
11	0.17818566E-03	-0.87240878E-04
12	0.16961632E-03	-0.84014391E-04
13	0.16140909E-03	-0.79998899E-04
14	0.15364285E-03	-0.75194403E-04
15	0.14639650E-03	-0.69600886E-04
16	0.13974897E-03	-0.63218373E-04
17	0.13377913E-03	-0.56046843E-04
18	0.12856589E-03	-0.48086309E-04
19	0.12418817E-03	-0.39336766E-04
20	0.12072484E-03	-0.29798213E-04
21	0.11825482E-03	-0.19470654E-04
22	0.11685701E-03	-0.83540835E-05
23	0.11661031E-03	0.35514940E-05
24	0.11759361E-03	0.16246080E-04
25	0.11984400E-03	0.28475057E-04
26	0.12323129E-03	0.38984217E-04
27	0.12758358E-03	0.47775571E-04
28	0.13272940E-03	0.54856573E-04
29	0.13849844E-03	0.60243750E-04
30	0.14472258E-03	0.63963889E-04
31	0.15123707E-03	0.66059591E-04
32	0.15788320E-03	0.66616602E-04
33	0.16451419E-03	0.65787812E-04
34	0.17100196E-03	0.63794840E-04
35	0.17724391E-03	0.60924336E-04
36	0.18316889E-03	0.57515605E-04
37	0.18874196E-03	0.53954805E-04
38	0.19396970E-03	0.50689414E-04
39	0.19890608E-03	0.48211197E-04
40	0.20365360E-03	0.46982837E-04
41	0.20835509E-03	0.47327554E-04
42	0.21317523E-03	0.49355764E-04
43	0.21828235E-03	0.53067459E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22384484E-03	0.58462647E-04
45	0.23003100E-03	0.65541324E-04
46	0.23700921E-03	0.74303483E-04
47	0.24494782E-03	0.84749139E-04
48	0.25401515E-03	0.96878277E-04
49	0.26437957E-03	0.11069090E-03
50	0.27613543E-03	0.12396602E-03
51	0.28908084E-03	0.13448295E-03
52	0.30294011E-03	0.14224277E-03
53	0.31743757E-03	0.14724761E-03
54	0.33229790E-03	0.14950083E-03
55	0.34724668E-03	0.14902209E-03
56	0.36201326E-03	0.14587109E-03
57	0.37633558E-03	0.14016096E-03
58	0.38996598E-03	0.13206709E-03
59	0.40267769E-03	0.12183367E-03
60	0.41427190E-03	0.10977576E-03
61	0.42458638E-03	0.96323689E-04
62	0.43351020E-03	0.82078557E-04
63	0.44100135E-03	0.67811903E-04
64	0.44710201E-03	0.54428165E-04
65	0.45194852E-03	0.42890213E-04
66	0.45577149E-03	0.34094748E-04
67	0.45888030E-03	0.28684017E-04
68	0.46162875E-03	0.26887590E-04
69	0.46437830E-03	0.28705468E-04
70	0.46749032E-03	0.34137651E-04
71	0.47132629E-03	0.43184133E-04
72	0.47624763E-03	0.55844921E-04
73	0.48261575E-03	0.72120012E-04
74	0.49079210E-03	0.92009410E-04
75	0.50101423E-03	0.11179650E-03
76	0.51302410E-03	0.12776468E-03
77	0.52643986E-03	0.13991394E-03
78	0.54087961E-03	0.14824430E-03
79	0.55596157E-03	0.15275902E-03
80	0.57130522E-03	0.15348842E-03
81	0.58653584E-03	0.15051650E-03
82	0.60129014E-03	0.14399346E-03
83	0.61522378E-03	0.13414765E-03
84	0.62801945E-03	0.12129488E-03
85	0.63939625E-03	0.10584763E-03
86	0.64912112E-03	0.88364868E-04
87	0.65702724E-03	0.69621827E-04
88	0.66303695E-03	0.50622712E-04
89	0.66718285E-03	0.32554766E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.66962151E-03	0.16694310E-04
91	0.67063549E-03	0.42478346E-05
92	0.67061471E-03	-0.38900730E-05
93	0.67001220E-03	-0.73861215E-05
94	0.66929217E-03	-0.62403105E-05
95	0.66891889E-03	-0.45264073E-06
96	0.66935638E-03	0.99768886E-05
97	0.67106896E-03	0.25048277E-04
98	0.67452079E-03	0.44761524E-04
99	0.68017602E-03	0.69116628E-04
100	0.68833830E-03	0.93298026E-04
101	0.69866929E-03	0.11249015E-03
102	0.71067002E-03	0.12669299E-03
103	0.72384160E-03	0.13590655E-03
104	0.73768501E-03	0.14013084E-03
105	0.75170142E-03	0.13936585E-03
106	0.76539192E-03	0.13361157E-03
107	0.77825744E-03	0.12286802E-03
108	0.78979920E-03	0.10713519E-03
109	0.79951819E-03	0.86413078E-04
110	0.80691552E-03	0.60701688E-04
111	0.81149221E-03	0.30001023E-04
112	0.81274938E-03	-0.56889194E-05
113	0.81018812E-03	-0.46368143E-04
114	0.80330943E-03	-0.92036644E-04
115	0.79161447E-03	-0.14269442E-03
116	0.77460427E-03	-0.19834148E-03
117	0.75177988E-03	-0.25897782E-03
118	0.72264241E-03	-0.32460343E-03
119	0.68669289E-03	-0.39521832E-03
120	0.64343243E-03	-0.47082250E-03
121	0.59236208E-03	-0.55141596E-03
122	0.53298293E-03	-0.63699868E-03
123	0.46494589E-03	-0.72307436E-03
124	0.38882802E-03	-0.79535093E-03
125	0.30718496E-03	-0.82834985E-03
126	0.22572240E-03	-0.78441802E-03
127	0.15271413E-03	-0.66810305E-03
128	0.93034905E-04	-0.52379444E-03
129	0.47931699E-04	-0.38019207E-03
130	0.16427908E-04	-0.25364710E-03
131	-0.36113736E-05	-0.15151170E-03
132	-0.14734986E-04	-0.75192933E-04
133	-0.19439454E-04	-0.22558983E-04
134	-0.19904166E-04	0.10353438E-04
135	-0.17874116E-04	0.28105374E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.14642475E-04	0.35075787E-04
137	-0.11092719E-04	0.35033358E-04
138	-0.77701507E-05	0.30960517E-04
139	-0.49621676E-05	0.25041130E-04
140	-0.27744934E-05	0.18744688E-04
141	-0.11962052E-05	0.12958993E-04
142	-0.15064836E-06	0.81346916E-05
143	0.46768491E-06	0.44189424E-05
144	0.76869514E-06	0.17698450E-05
145	0.85235405E-06	0.41750948E-07
146	0.80138636E-06	-0.95611210E-06
147	0.67898748E-06	-0.14182983E-05
148	0.52977794E-06	-0.15189473E-05
149	0.38251002E-06	-0.14002362E-05
150	0.25346813E-06	-0.11694020E-05
151	0.14987936E-06	-0.90107574E-06
152	0.72929303E-07	-0.64246007E-06
153	0.20199982E-07	-0.41946532E-06
154	-0.12505111E-07	-0.24271102E-06
155	-0.29908499E-07	-0.11294499E-06
156	-0.36496026E-07	-0.25236469E-07
157	-0.36100875E-07	0.28119475E-07
158	-0.31736612E-07	0.55540944E-07
159	-0.25595041E-07	0.64891815E-07
160	-0.19139108E-07	0.62816937E-07
161	-0.13239781E-07	0.54498255E-07
162	-0.83227372E-08	0.43681176E-07
163	-0.45038688E-08	0.32854409E-07
164	-0.17029878E-08	0.23493659E-07
165	0.26733221E-09	0.16306988E-07
166	0.16361891E-08	0.11453693E-07
167	0.26283522E-08	0.87088381E-08
168	0.34315026E-08	0.75703612E-08
169	0.41722084E-08	0.73254069E-08

STEP DI CARICO NO. 11

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27120661E-03	-0.94481067E-04
2	0.26175863E-03	-0.94476920E-04
3	0.25231179E-03	-0.94456016E-04
4	0.24286861E-03	-0.94399657E-04
5	0.23343418E-03	-0.94273397E-04
6	0.22401832E-03	-0.94015435E-04
7	0.21463836E-03	-0.93539362E-04
8	0.20532124E-03	-0.92739807E-04
9	0.19610499E-03	-0.91503003E-04
10	0.18703922E-03	-0.89708912E-04
11	0.17818566E-03	-0.87240871E-04
12	0.16961632E-03	-0.84014384E-04
13	0.16140909E-03	-0.79998892E-04
14	0.15364285E-03	-0.75194388E-04
15	0.14639650E-03	-0.69600886E-04
16	0.13974897E-03	-0.63218366E-04
17	0.13377913E-03	-0.56046843E-04
18	0.12856589E-03	-0.48086313E-04
19	0.12418817E-03	-0.39336774E-04
20	0.12072485E-03	-0.29798226E-04
21	0.11825483E-03	-0.19470670E-04
22	0.11685702E-03	-0.83541072E-05
23	0.11661030E-03	0.35514638E-05
24	0.11759360E-03	0.16246042E-04
25	0.11984399E-03	0.28475011E-04
26	0.12323128E-03	0.38984163E-04
27	0.12758357E-03	0.47775513E-04
28	0.13272937E-03	0.54856515E-04
29	0.13849841E-03	0.60243699E-04
30	0.14472255E-03	0.63963860E-04
31	0.15123704E-03	0.66059598E-04
32	0.15788317E-03	0.66616660E-04
33	0.16451417E-03	0.65787957E-04
34	0.17100196E-03	0.63795102E-04
35	0.17724394E-03	0.60924744E-04
36	0.18316897E-03	0.57516190E-04
37	0.18874211E-03	0.53955591E-04
38	0.19396993E-03	0.50690403E-04
39	0.19890643E-03	0.48212369E-04
40	0.20365407E-03	0.46984125E-04
41	0.20835569E-03	0.47328838E-04
42	0.21317595E-03	0.49356880E-04
43	0.21828318E-03	0.53068252E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22384571E-03	0.58462952E-04
45	0.23003187E-03	0.65540982E-04
46	0.23701001E-03	0.74302348E-04
47	0.24494846E-03	0.84747036E-04
48	0.25401553E-03	0.96875061E-04
49	0.26437957E-03	0.11068641E-03
50	0.27613490E-03	0.12396010E-03
51	0.28907965E-03	0.13447546E-03
52	0.30293808E-03	0.14223372E-03
53	0.31743458E-03	0.14723725E-03
54	0.33229383E-03	0.14948977E-03
55	0.34724150E-03	0.14901145E-03
56	0.36200712E-03	0.14586264E-03
57	0.37632883E-03	0.14015732E-03
58	0.38995923E-03	0.13207180E-03
59	0.40267201E-03	0.12185128E-03
60	0.41426884E-03	0.10981171E-03
61	0.42458807E-03	0.96384036E-04
62	0.43351942E-03	0.82169478E-04
63	0.44102143E-03	0.67938759E-04
64	0.44713673E-03	0.54594206E-04
65	0.45200178E-03	0.43094704E-04
66	0.45584684E-03	0.34330558E-04
67	0.45898015E-03	0.28934681E-04
68	0.46175352E-03	0.27131162E-04
69	0.46452615E-03	0.28920003E-04
70	0.46765726E-03	0.34301203E-04
71	0.47150612E-03	0.43274762E-04
72	0.47643197E-03	0.55840679E-04
73	0.48279401E-03	0.71998955E-04
74	0.49095153E-03	0.91749593E-04
75	0.50113967E-03	0.11137188E-03
76	0.51309756E-03	0.12714509E-03
77	0.52644039E-03	0.13906923E-03
78	0.54078310E-03	0.14714431E-03
79	0.55574148E-03	0.15138734E-03
80	0.57093485E-03	0.15185836E-03
81	0.58599166E-03	0.14868425E-03
82	0.60055743E-03	0.14208166E-03
83	0.61430444E-03	0.13237169E-03
84	0.62694272E-03	0.11999017E-03
85	0.63823198E-03	0.10549458E-03
86	0.64799521E-03	0.89606699E-04
87	0.65613829E-03	0.73268107E-04
88	0.66267216E-03	0.57629404E-04
89	0.66773011E-03	0.43968892E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.67157397E-03	0.33549641E-04
91	0.67458226E-03	0.27396543E-04
92	0.67721104E-03	0.25975640E-04
93	0.67993667E-03	0.29333516E-04
94	0.68323704E-03	0.37470167E-04
95	0.68758999E-03	0.50385599E-04
96	0.69347344E-03	0.68079811E-04
97	0.70136524E-03	0.90552800E-04
98	0.71174331E-03	0.11780456E-03
99	0.72508544E-03	0.14983510E-03
100	0.74167055E-03	0.18067223E-03
101	0.76098106E-03	0.20434371E-03
102	0.78230043E-03	0.22084957E-03
103	0.80491212E-03	0.23018981E-03
104	0.82809955E-03	0.23236440E-03
105	0.85114612E-03	0.22737337E-03
106	0.87333535E-03	0.21521671E-03
107	0.89395064E-03	0.19589443E-03
108	0.91227540E-03	0.16940651E-03
109	0.92759309E-03	0.13575297E-03
110	0.93918713E-03	0.94933799E-04
111	0.94634225E-03	0.46987519E-04
112	0.94835274E-03	-0.79155980E-05
113	0.94453915E-03	-0.69418864E-04
114	0.93426707E-03	-0.13697916E-03
115	0.91696571E-03	-0.20986694E-03
116	0.89214661E-03	-0.28716621E-03
117	0.85942220E-03	-0.36777460E-03
118	0.81852434E-03	-0.45040323E-03
119	0.76932338E-03	-0.53357688E-03
120	0.71184622E-03	-0.61563379E-03
121	0.64629543E-03	-0.69472595E-03
122	0.57306769E-03	-0.76881872E-03
123	0.49278658E-03	-0.83526387E-03
124	0.40658173E-03	-0.88470359E-03
125	0.31715160E-03	-0.89497166E-03
126	0.23008112E-03	-0.83042862E-03
127	0.15336579E-03	-0.69688860E-03
128	0.91502516E-04	-0.53937518E-03
129	0.45337325E-04	-0.38646467E-03
130	0.13530386E-04	-0.25392987E-03
131	-0.63472539E-05	-0.14835318E-03
132	-0.17061644E-04	-0.70418348E-04
133	-0.21261692E-04	-0.17406594E-04
134	-0.21225587E-04	0.15126428E-04
135	-0.18754847E-04	0.32106251E-04

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.15168302E-04	0.38167160E-04
137	-0.11354320E-04	0.37240923E-04
138	-0.78505636E-05	0.32401265E-04
139	-0.49303403E-05	0.25873409E-04
140	-0.26829541E-05	0.19133389E-04
141	-0.10817171E-05	0.13051726E-04
142	-0.36604725E-07	0.80501841E-05
143	0.56816140E-06	0.42438928E-05
144	0.84969196E-06	0.15631462E-05
145	0.91274211E-06	-0.15905565E-06
146	0.84291878E-06	-0.11301196E-05
147	0.70487130E-06	-0.15565911E-05
148	0.54368456E-06	-0.16205416E-05
149	0.38795170E-06	-0.14688300E-05
150	0.25345503E-06	-0.12110255E-05
151	0.14677218E-06	-0.92245415E-06
152	0.68430914E-07	-0.64988114E-06
153	0.15434518E-07	-0.41815090E-06
154	-0.16871393E-07	-0.23658440E-06
155	-0.33540278E-07	-0.10475536E-06
156	-0.39285112E-07	-0.16805679E-07
157	-0.38082412E-07	0.35714052E-07
158	-0.33024257E-07	0.61775054E-07
159	-0.26334593E-07	0.69620256E-07
160	-0.19478071E-07	0.66129552E-07
161	-0.13309584E-07	0.56611842E-07
162	-0.82300549E-08	0.44863533E-07
163	-0.43283794E-08	0.33370135E-07
164	-0.14995937E-08	0.23569759E-07
165	0.46383872E-09	0.16117369E-07
166	0.18057350E-08	0.11120627E-07
167	0.27608857E-08	0.83115346E-08
168	0.35230434E-08	0.71524866E-08
169	0.42217438E-08	0.69042660E-08

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.27125E-03	5
2	-0.10000	0.26181E-03	5
3	-0.20000	0.25236E-03	5
4	-0.30000	0.24292E-03	5
5	-0.40000	0.23348E-03	5
6	-0.50000	0.22405E-03	5
7	-0.60000	0.21465E-03	5
8	-0.70000	0.20555E-03	3
9	-0.80000	0.19649E-03	3
10	-0.90000	0.18743E-03	3
11	-1.0000	0.17837E-03	3
12	-1.1000	0.16962E-03	11
13	-1.2000	0.16141E-03	11
14	-1.3000	0.15364E-03	11
15	-1.4000	0.14640E-03	11
16	-1.5000	0.13975E-03	11
17	-1.6000	0.13378E-03	11
18	-1.7000	0.12857E-03	11
19	-1.8000	0.12419E-03	11
20	-1.9000	0.12072E-03	11
21	-2.0000	0.11825E-03	11
22	-2.1000	0.11686E-03	11
23	-2.2000	0.11661E-03	10
24	-2.3000	0.11759E-03	9
25	-2.4000	0.11984E-03	9
26	-2.5000	0.12324E-03	7
27	-2.6000	0.12760E-03	7
28	-2.7000	0.13276E-03	7
29	-2.8000	0.13854E-03	7
30	-2.9000	0.14477E-03	6
31	-3.0000	0.15130E-03	6
32	-3.1000	0.15795E-03	6
33	-3.2000	0.16501E-03	5
34	-3.3000	0.17223E-03	5
35	-3.4000	0.17921E-03	4
36	-3.5000	0.18580E-03	4
37	-3.6000	0.19183E-03	4
38	-3.7000	0.19715E-03	4

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.20160E-03	4
40	-3.9000	0.20503E-03	4
41	-4.0000	0.20836E-03	11
42	-4.1000	0.21318E-03	11
43	-4.2000	0.21828E-03	11
44	-4.3000	0.22385E-03	11
45	-4.4000	0.23003E-03	11
46	-4.5000	0.23701E-03	11
47	-4.6000	0.24495E-03	11
48	-4.7000	0.25402E-03	11
49	-4.8000	0.26438E-03	11
50	-4.9000	0.27614E-03	10
51	-5.0000	0.28908E-03	10
52	-5.1000	0.30295E-03	9
53	-5.2000	0.31746E-03	9
54	-5.3000	0.33233E-03	9
55	-5.4000	0.34730E-03	9
56	-5.5000	0.36208E-03	9
57	-5.6000	0.37641E-03	8
58	-5.7000	0.39105E-03	6
59	-5.8000	0.40494E-03	6
60	-5.9000	0.41779E-03	6
61	-6.0000	0.42935E-03	6
62	-6.1000	0.43937E-03	6
63	-6.2000	0.44759E-03	6
64	-6.3000	0.45376E-03	6
65	-6.4000	0.45763E-03	6
66	-6.5000	0.45893E-03	6
67	-6.6000	0.45898E-03	11
68	-6.7000	0.46175E-03	11
69	-6.8000	0.46453E-03	11
70	-6.9000	0.46766E-03	11
71	-7.0000	0.47151E-03	11
72	-7.1000	0.47643E-03	11
73	-7.2000	0.48279E-03	11
74	-7.3000	0.49095E-03	11
75	-7.4000	0.50114E-03	11
76	-7.5000	0.51310E-03	11
77	-7.6000	0.52644E-03	11
78	-7.7000	0.54088E-03	10
79	-7.8000	0.55596E-03	10
80	-7.9000	0.57131E-03	10
81	-8.0000	0.58654E-03	10
82	-8.1000	0.60129E-03	10
83	-8.2000	0.61654E-03	8
84	-8.3000	0.63086E-03	8

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.64390E-03	8
86	-8.5000	0.65529E-03	8
87	-8.6000	0.66468E-03	8
88	-8.7000	0.67172E-03	8
89	-8.8000	0.67606E-03	8
90	-8.9000	0.67735E-03	8
91	-9.0000	0.67522E-03	8
92	-9.1000	0.67721E-03	11
93	-9.2000	0.67994E-03	11
94	-9.3000	0.68324E-03	11
95	-9.4000	0.68759E-03	11
96	-9.5000	0.69347E-03	11
97	-9.6000	0.70137E-03	11
98	-9.7000	0.71174E-03	11
99	-9.8000	0.72509E-03	11
100	-9.9000	0.74167E-03	11
101	-10.000	0.76098E-03	11
102	-10.100	0.78230E-03	11
103	-10.200	0.80491E-03	11
104	-10.300	0.82810E-03	11
105	-10.400	0.85115E-03	11
106	-10.500	0.87334E-03	11
107	-10.600	0.89395E-03	11
108	-10.700	0.91228E-03	11
109	-10.800	0.92759E-03	11
110	-10.900	0.93919E-03	11
111	-11.000	0.94634E-03	11
112	-11.100	0.94835E-03	11
113	-11.200	0.94454E-03	11
114	-11.300	0.93427E-03	11
115	-11.400	0.91697E-03	11
116	-11.500	0.89215E-03	11
117	-11.600	0.85942E-03	11
118	-11.700	0.81852E-03	11
119	-11.800	0.76932E-03	11
120	-11.900	0.71185E-03	11
121	-12.000	0.64630E-03	11
122	-12.100	0.57307E-03	11
123	-12.200	0.49279E-03	11
124	-12.300	0.40658E-03	11
125	-12.400	0.31715E-03	11
126	-12.500	0.23008E-03	11
127	-12.600	0.15337E-03	11
128	-12.700	0.93035E-04	10
129	-12.800	0.47932E-04	10
130	-12.900	0.16428E-04	10

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	-0.63473E-05	11
132	-13.100	-0.17062E-04	11
133	-13.200	-0.21262E-04	11
134	-13.300	-0.21226E-04	11
135	-13.400	-0.18755E-04	11
136	-13.500	-0.15168E-04	11
137	-13.600	-0.11354E-04	11
138	-13.700	-0.78506E-05	11
139	-13.800	-0.49622E-05	10
140	-13.900	-0.27745E-05	10
141	-14.000	-0.11962E-05	10
142	-14.100	-0.15065E-06	10
143	-14.200	0.56816E-06	11
144	-14.300	0.84969E-06	11
145	-14.400	0.91274E-06	11
146	-14.500	0.84292E-06	11
147	-14.600	0.70487E-06	11
148	-14.700	0.54368E-06	11
149	-14.800	0.38795E-06	11
150	-14.900	0.25347E-06	10
151	-15.000	0.14988E-06	10
152	-15.100	0.72929E-07	10
153	-15.200	0.20200E-07	10
154	-15.300	-0.16871E-07	11
155	-15.400	-0.33540E-07	11
156	-15.500	-0.39285E-07	11
157	-15.600	-0.38082E-07	11
158	-15.700	-0.33024E-07	11
159	-15.800	-0.26335E-07	11
160	-15.900	-0.19478E-07	11
161	-16.000	-0.13310E-07	11
162	-16.100	-0.83227E-08	10
163	-16.200	-0.45039E-08	10
164	-16.300	-0.17030E-08	10
165	-16.400	0.46384E-09	11
166	-16.500	0.18057E-08	11
167	-16.600	0.27609E-08	11
168	-16.700	0.35230E-08	11
169	-16.800	0.42217E-08	11

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 11
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.2496E-12	0.1332E-12	0.3132E-02
	B	-0.1000	0.3132E-03	0.1865E-12	0.3132E-02
2	A	-0.1000	0.3132E-03	0.2380E-12	0.9544E-02
	B	-0.2000	0.1268E-02	0.9237E-13	0.9544E-02
3	A	-0.2000	0.1268E-02	0.7372E-13	0.1725E-01
	B	-0.3000	0.2993E-02	0.8527E-13	0.1725E-01
4	A	-0.3000	0.2993E-02	0.1004E-12	0.3560E-01
	B	-0.4000	0.6552E-02	0.2665E-13	0.3560E-01
5	A	-0.4000	0.6552E-02	0.5596E-13	0.6397E-01
	B	-0.5000	0.1295E-01	0.	0.6397E-01
6	A	-0.5000	0.1295E-01	0.	0.1009
	B	-0.6000	0.2304E-01	0.	0.1009
7	A	-0.6000	0.2304E-01	0.	0.1436
	B	-0.7000	0.3740E-01	0.	0.1436
8	A	-0.7000	0.3740E-01	0.	0.1869
	B	-0.8000	0.5610E-01	0.	0.1869
9	A	-0.8000	0.5610E-01	0.	0.2345
	B	-0.9000	0.7954E-01	0.	0.2345
10	A	-0.9000	0.7954E-01	0.	0.2757
	B	-1.000	0.1070	0.	0.2757
11	A	-1.000	0.1070	0.	0.3114
	B	-1.100	0.1369	0.	0.3114
12	A	-1.100	0.1369	0.	0.3162
	B	-1.200	0.1668	0.	0.3162
13	A	-1.200	0.1668	0.	0.3162
	B	-1.300	0.1967	0.	0.3162
14	A	-1.300	0.1967	0.	0.3162
	B	-1.400	0.2265	0.	0.3162
15	A	-1.400	0.2265	0.	0.3162
	B	-1.500	0.2564	0.	0.3162
16	A	-1.500	0.2564	0.	0.3163
	B	-1.600	0.2870	0.	0.3163
17	A	-1.600	0.2870	0.	0.3163
	B	-1.700	0.3186	0.	0.3163

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.3186	0.	0.3163
	B	-1.800	0.3502	0.2718E-12	0.3163
19	A	-1.800	0.3502	0.2789E-12	0.3163
	B	-1.900	0.3819	0.5212E-11	0.3163
20	A	-1.900	0.3819	0.5283E-11	0.3163
	B	-2.000	0.4135	0.1035E-10	0.3163
21	A	-2.000	0.4135	0.1037E-10	0.3163
	B	-2.100	0.4451	0.1530E-10	0.3163
22	A	-2.100	0.4451	0.1529E-10	0.3163
	B	-2.200	0.4767	0.2026E-10	0.3163
23	A	-2.200	0.4767	0.2024E-10	0.3163
	B	-2.300	0.5084	0.2521E-10	0.3163
24	A	-2.300	0.5084	0.2523E-10	0.6515
	B	-2.400	0.4486	0.3160E-10	0.6515
25	A	-2.400	0.4486	0.3163E-10	0.6522
	B	-2.500	0.3888	0.3797E-10	0.6522
26	A	-2.500	0.3888	0.3797E-10	0.6507
	B	-2.600	0.3290	0.4434E-10	0.6507
27	A	-2.600	0.3290	0.4433E-10	1.508
	B	-2.700	0.2693	0.	1.508
28	A	-2.700	0.2693	0.	4.767
	B	-2.800	0.6275	0.	4.767
29	A	-2.800	0.6275	0.	1.302
	B	-2.900	0.7577	0.	1.302
30	A	-2.900	0.7577	0.	0.6365
	B	-3.000	0.6940	0.	0.6365
31	A	-3.000	0.6940	0.	1.480
	B	-3.100	0.5460	0.9825E-02	1.480
32	A	-3.100	0.5460	0.9825E-02	1.627
	B	-3.200	0.3833	0.6024E-01	1.627
33	A	-3.200	0.3833	0.6024E-01	1.447
	B	-3.300	0.2387	0.1014	1.447
34	A	-3.300	0.2387	0.1014	1.123
	B	-3.400	0.1263	0.1492	1.123
35	A	-3.400	0.1263	0.1492	0.7781
	B	-3.500	0.4852E-01	0.2089	0.7781
36	A	-3.500	0.4852E-01	0.2089	0.5978
	B	-3.600	0.8768E-03	0.2687	0.5978
37	A	-3.600	0.8768E-03	0.2687	0.5978
	B	-3.700	0.	0.3285	0.5978
38	A	-3.700	0.	0.3285	0.5978
	B	-3.800	0.	0.3883	0.5978
39	A	-3.800	0.	0.3883	0.5978
	B	-3.900	0.	0.4480	0.5978
40	A	-3.900	0.	0.4480	0.6881
	B	-4.000	0.4486E-01	0.5078	0.6881

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.4486E-01	0.5078	0.6747
	B	-4.100	0.1086	0.5676	0.6747
42	A	-4.100	0.1086	0.5676	0.6747
	B	-4.200	0.1723	0.6274	0.6747
43	A	-4.200	0.1723	0.6274	0.6747
	B	-4.300	0.2386	0.6871	0.6747
44	A	-4.300	0.2386	0.6871	0.6747
	B	-4.400	0.3058	0.7469	0.6747
45	A	-4.400	0.3058	0.7469	0.6747
	B	-4.500	0.3730	0.8067	0.6747
46	A	-4.500	0.3730	0.8067	0.6747
	B	-4.600	0.4402	0.8665	0.6747
47	A	-4.600	0.4402	0.8665	0.6747
	B	-4.700	0.5073	0.9262	0.6747
48	A	-4.700	0.5073	0.9262	0.6747
	B	-4.800	0.5747	0.9860	0.6747
49	A	-4.800	0.5747	0.9860	1.043
	B	-4.900	0.4785	1.046	1.043
50	A	-4.900	0.4785	1.046	1.043
	B	-5.000	0.3822	1.071	1.043
51	A	-5.000	0.3822	1.071	1.959
	B	-5.100	0.2859	0.8749	1.959
52	A	-5.100	0.2859	0.8749	6.270
	B	-5.200	0.1894	0.2479	6.270
53	A	-5.200	0.1894	0.2479	12.87
	B	-5.300	1.039	0.	12.87
54	A	-5.300	1.039	0.	5.762
	B	-5.400	1.615	0.6948E-01	5.762
55	A	-5.400	1.615	0.6948E-01	1.089
	B	-5.500	1.724	0.1698	1.089
56	A	-5.500	1.724	0.1698	1.628
	B	-5.600	1.561	0.2651	1.628
57	A	-5.600	1.561	0.2651	2.903
	B	-5.700	1.271	0.3529	2.903
58	A	-5.700	1.271	0.3529	3.205
	B	-5.800	0.9502	0.4306	3.205
59	A	-5.800	0.9502	0.4306	2.973
	B	-5.900	0.6529	0.4955	2.973
60	A	-5.900	0.6529	0.4955	2.479
	B	-6.000	0.4050	0.5828	2.479
61	A	-6.000	0.4050	0.5828	1.897
	B	-6.100	0.2153	0.6793	1.897
62	A	-6.100	0.2153	0.6793	1.336
	B	-6.200	0.8167E-01	0.7757	1.336
63	A	-6.200	0.8167E-01	0.7757	0.9644
	B	-6.300	0.	0.8722	0.9644

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.	0.8722	0.9644
	B	-6.400	0.9004E-08	0.9686	0.9644
65	A	-6.400	0.9004E-08	0.9686	1.220
	B	-6.500	0.1772E-05	1.065	1.220
66	A	-6.500	0.1772E-05	1.065	1.436
	B	-6.600	0.2350E-05	1.161	1.436
67	A	-6.600	0.2350E-05	1.161	1.419
	B	-6.700	0.4054E-03	1.258	1.419
68	A	-6.700	0.4054E-03	1.258	1.419
	B	-6.800	0.1372	1.354	1.419
69	A	-6.800	0.1372	1.354	1.419
	B	-6.900	0.2787	1.451	1.419
70	A	-6.900	0.2787	1.451	1.419
	B	-7.000	0.4202	1.547	1.419
71	A	-7.000	0.4202	1.547	1.419
	B	-7.100	0.5618	1.644	1.419
72	A	-7.100	0.5618	1.644	1.419
	B	-7.200	0.7033	1.740	1.419
73	A	-7.200	0.7033	1.740	1.419
	B	-7.300	0.8448	1.837	1.419
74	A	-7.300	0.8448	1.837	1.455
	B	-7.400	0.7117	1.933	1.455
75	A	-7.400	0.7117	1.933	1.455
	B	-7.500	0.5786	1.885	1.455
76	A	-7.500	0.5786	1.885	4.471
	B	-7.600	0.4456	1.437	4.471
77	A	-7.600	0.4456	1.437	11.28
	B	-7.700	0.3124	0.3098	11.28
78	A	-7.700	0.3124	0.3098	21.11
	B	-7.800	1.801	0.6458E-07	21.11
79	A	-7.800	1.801	0.6458E-07	10.34
	B	-7.900	2.835	0.5267E-01	10.34
80	A	-7.900	2.835	0.5267E-01	2.919
	B	-8.000	3.127	0.1873	2.919
81	A	-8.000	3.127	0.1873	1.729
	B	-8.100	2.954	0.3119	1.729
82	A	-8.100	2.954	0.3119	4.236
	B	-8.200	2.531	0.4324	4.236
83	A	-8.200	2.531	0.4324	5.207
	B	-8.300	2.010	0.5393	5.207
84	A	-8.300	2.010	0.5393	5.168
	B	-8.400	1.493	0.6286	5.168
85	A	-8.400	1.493	0.6286	4.623
	B	-8.500	1.031	0.7551	4.623
86	A	-8.500	1.031	0.7551	3.821
	B	-8.600	0.6486	0.8884	3.821

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.6486	0.8884	2.948
	B	-8.700	0.3538	1.022	2.948
88	A	-8.700	0.3538	1.022	2.124
	B	-8.800	0.1414	1.155	2.124
89	A	-8.800	0.1414	1.155	1.454
	B	-8.900	0.2185E-03	1.288	1.454
90	A	-8.900	0.2185E-03	1.288	1.771
	B	-9.000	0.5880E-09	1.422	1.771
91	A	-9.000	0.5880E-09	1.422	1.806
	B	-9.100	0.3661E-01	1.555	1.806
92	A	-9.100	0.3661E-01	1.555	1.806
	B	-9.200	0.2172	1.688	1.806
93	A	-9.200	0.2172	1.688	1.806
	B	-9.300	0.3979	1.822	1.806
94	A	-9.300	0.3979	1.822	1.806
	B	-9.400	0.5785	1.955	1.806
95	A	-9.400	0.5785	1.955	1.806
	B	-9.500	0.7592	2.088	1.806
96	A	-9.500	0.7592	2.088	1.806
	B	-9.600	0.9398	2.222	1.806
97	A	-9.600	0.9398	2.222	1.806
	B	-9.700	1.120	2.355	1.806
98	A	-9.700	1.120	2.355	1.806
	B	-9.800	1.301	2.488	1.806
99	A	-9.800	1.301	2.488	2.709
	B	-9.900	1.030	2.622	2.709
100	A	-9.900	1.030	2.622	2.709
	B	-10.00	0.7594	2.523	2.709
101	A	-10.00	0.7594	2.523	6.616
	B	-10.10	0.4885	1.862	6.616
102	A	-10.10	0.4885	1.862	15.92
	B	-10.20	0.2540	0.2698	15.92
103	A	-10.20	0.2540	0.2698	29.15
	B	-10.30	2.645	0.5323E-01	29.15
104	A	-10.30	2.645	0.5323E-01	14.13
	B	-10.40	4.058	0.3241	14.13
105	A	-10.40	4.058	0.3241	3.807
	B	-10.50	4.438	0.5950	3.807
106	A	-10.50	4.438	0.5950	2.709
	B	-10.60	4.175	0.8658	2.709
107	A	-10.60	4.175	0.8658	6.091
	B	-10.70	3.566	1.137	6.091
108	A	-10.70	3.566	1.137	7.417
	B	-10.80	2.824	1.408	7.417
109	A	-10.80	2.824	1.408	7.347
	B	-10.90	2.090	1.678	7.347

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	2.090	1.678	6.554
	B	-11.00	1.434	1.946	6.554
111	A	-11.00	1.434	1.946	5.395
	B	-11.10	0.8948	2.204	5.395
112	A	-11.10	0.8948	2.204	4.140
	B	-11.20	0.4807	2.445	4.140
113	A	-11.20	0.4807	2.445	2.961
	B	-11.30	0.1846	2.662	2.961
114	A	-11.30	0.1846	2.662	1.950
	B	-11.40	0.	2.848	1.950
115	A	-11.40	0.	2.848	1.886
	B	-11.50	0.	2.996	1.886
116	A	-11.50	0.	2.996	1.886
	B	-11.60	0.	3.098	1.886
117	A	-11.60	0.	3.098	1.886
	B	-11.70	0.	3.148	1.886
118	A	-11.70	0.	3.148	1.886
	B	-11.80	0.5582E-08	3.139	1.886
119	A	-11.80	0.5582E-08	3.139	1.886
	B	-11.90	0.9754E-08	3.064	1.886
120	A	-11.90	0.9754E-08	3.064	1.886
	B	-12.00	0.1080E-07	3.141	1.886
121	A	-12.00	0.1080E-07	3.141	2.292
	B	-12.10	0.9977E-08	3.329	2.292
122	A	-12.10	0.9977E-08	3.329	3.490
	B	-12.20	0.8240E-08	3.178	3.490
123	A	-12.20	0.8240E-08	3.178	9.366
	B	-12.30	0.6235E-08	2.286	9.366
124	A	-12.30	0.6235E-08	2.286	20.77
	B	-12.40	0.6242	0.2086	20.77
125	A	-12.40	0.6242	0.2086	37.38
	B	-12.50	4.255	0.7669E-02	37.38
126	A	-12.50	4.255	0.7669E-02	17.34
	B	-12.60	5.840	0.	17.34
127	A	-12.60	5.840	0.	3.826
	B	-12.70	6.068	0.	3.826
128	A	-12.70	6.068	0.	5.752
	B	-12.80	5.492	0.	5.752
129	A	-12.80	5.492	0.	9.652
	B	-12.90	4.527	0.2928E-09	9.652
130	A	-12.90	4.527	0.2928E-09	10.73
	B	-13.00	3.454	0.4441E-09	10.73
131	A	-13.00	3.454	0.4441E-09	10.17
	B	-13.10	2.437	0.4757E-09	10.17
132	A	-13.10	2.437	0.4757E-09	8.673
	B	-13.20	1.574	0.4355E-09	8.673

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	1.574	0.4355E-09	6.809
	B	-13.30	0.9139	0.3593E-09	6.809
134	A	-13.30	0.9139	0.3593E-09	4.949
	B	-13.40	0.4281	0.2717E-09	4.949
135	A	-13.40	0.4281	0.2717E-09	3.306
	B	-13.50	0.9887E-01	0.1879E-09	3.306
136	A	-13.50	0.9887E-01	0.1879E-09	2.009
	B	-13.60	0.7710E-03	0.1338	2.009
137	A	-13.60	0.7710E-03	0.1338	1.038
	B	-13.70	0.2631E-03	0.2320	1.038
138	A	-13.70	0.2631E-03	0.2320	0.3584
	B	-13.80	0.	0.2615	0.3584
139	A	-13.80	0.	0.2615	0.1340
	B	-13.90	0.	0.2481	0.1340
140	A	-13.90	0.	0.2481	0.3637
	B	-14.00	0.1349E-10	0.2117	0.3637
141	A	-14.00	0.1349E-10	0.2117	0.4528
	B	-14.10	0.1920E-10	0.1664	0.4528
142	A	-14.10	0.1920E-10	0.1664	0.4508
	B	-14.20	0.1987E-10	0.1213	0.4508
143	A	-14.20	0.1987E-10	0.1213	0.4001
	B	-14.30	0.1767E-10	0.8133E-01	0.4001
144	A	-14.30	0.1767E-10	0.8133E-01	0.3245
	B	-14.40	0.1419E-10	0.4963E-01	0.3245
145	A	-14.40	0.1419E-10	0.4963E-01	0.2433
	B	-14.50	0.1047E-10	0.2581E-01	0.2433
146	A	-14.50	0.1047E-10	0.2581E-01	0.1684
	B	-14.60	0.7090E-11	0.9128E-02	0.1684
147	A	-14.60	0.7090E-11	0.9128E-02	0.1065
	B	-14.70	0.2867E-02	0.6379E-04	0.1065
148	A	-14.70	0.2867E-02	0.6379E-04	0.5936E-01
	B	-14.80	0.8602E-02	0.3247E-04	0.5936E-01
149	A	-14.80	0.8602E-02	0.3247E-04	0.2540E-01
	B	-14.90	0.1089E-01	0.1057E-04	0.2540E-01
150	A	-14.90	0.1089E-01	0.1057E-04	0.2944E-02
	B	-15.00	0.1093E-01	0.1624E-12	0.2944E-02
151	A	-15.00	0.1093E-01	0.1624E-12	0.1250E-01
	B	-15.10	0.9678E-02	0.6616E-12	0.1250E-01
152	A	-15.10	0.9678E-02	0.6616E-12	0.1838E-01
	B	-15.20	0.7840E-02	0.8636E-12	0.1838E-01
153	A	-15.20	0.7840E-02	0.8636E-12	0.1954E-01
	B	-15.30	0.5886E-02	0.8730E-12	0.1954E-01
154	A	-15.30	0.5886E-02	0.8730E-12	0.1806E-01
	B	-15.40	0.4080E-02	0.7715E-12	0.1806E-01
155	A	-15.40	0.4080E-02	0.7715E-12	0.1511E-01
	B	-15.50	0.2586E-02	0.6195E-12	0.1511E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	0.2586E-02	0.6195E-12	0.1167E-01
	B	-15.60	0.1448E-02	0.4561E-12	0.1167E-01
157	A	-15.60	0.1448E-02	0.4561E-12	0.8333E-02
	B	-15.70	0.6255E-03	0.3060E-12	0.8333E-02
158	A	-15.70	0.6255E-03	0.3060E-12	0.5440E-02
	B	-15.80	0.8145E-04	0.1837E-12	0.5440E-02
159	A	-15.80	0.8145E-04	0.1837E-12	0.3198E-02
	B	-15.90	0.2481E-05	0.2885E-03	0.3198E-02
160	A	-15.90	0.2481E-05	0.2885E-03	0.1523E-02
	B	-16.00	0.1262E-05	0.4310E-03	0.1523E-02
161	A	-16.00	0.1262E-05	0.4310E-03	0.3662E-03
	B	-16.10	0.4364E-06	0.4571E-03	0.3662E-03
162	A	-16.10	0.4364E-06	0.4571E-03	0.4540E-03
	B	-16.20	0.2636E-13	0.4118E-03	0.4540E-03
163	A	-16.20	0.2636E-13	0.4118E-03	0.8260E-03
	B	-16.30	0.3095E-13	0.3292E-03	0.8260E-03
164	A	-16.30	0.3095E-13	0.3292E-03	0.9491E-03
	B	-16.40	0.2704E-13	0.2342E-03	0.9491E-03
165	A	-16.40	0.2704E-13	0.2342E-03	0.9074E-03
	B	-16.50	0.1963E-13	0.1435E-03	0.9074E-03
166	A	-16.50	0.1963E-13	0.1435E-03	0.7465E-03
	B	-16.60	0.1016E-13	0.6886E-04	0.7465E-03
167	A	-16.60	0.1016E-13	0.6886E-04	0.5009E-03
	B	-16.70	0.2899E-14	0.1877E-04	0.5009E-03
168	A	-16.70	0.2899E-14	0.1877E-04	0.1877E-03
	B	-16.80	0.1694E-20	0.2168E-18	0.1877E-03

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -2.3000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA 0.14944E-10 kN/m
FASE 4 FORZA 0.97266 kN/m
FASE 5 FORZA 0.97267 kN/m
FASE 6 FORZA 1.0091 kN/m
FASE 7 FORZA 1.0094 kN/m
FASE 8 FORZA 1.0095 kN/m
FASE 9 FORZA 1.0095 kN/m
FASE 10 FORZA 1.0095 kN/m
FASE 11 FORZA 1.0095 kN/m

TIRANTE chiodo_2 1 PARETE LeftWall QUOTA -4.8000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 FORZA -0.43677E-07 kN/m
FASE 6 FORZA 1.7412 kN/m
FASE 7 FORZA 1.7420 kN/m
FASE 8 FORZA 1.7865 kN/m
FASE 9 FORZA 1.7866 kN/m
FASE 10 FORZA 1.7868 kN/m
FASE 11 FORZA 1.7868 kN/m

TIRANTE chiodo_3 1 PARETE LeftWall QUOTA -7.3000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 FORZA -0.44122E-05 kN/m
FASE 8 FORZA 2.9247 kN/m
FASE 9 FORZA 2.9263 kN/m
FASE 10 FORZA 2.9901 kN/m
FASE 11 FORZA 2.9934 kN/m

TIRANTE chiodo_4 1 PARETE LeftWall QUOTA -9.8000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo

FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 FORZA -0.23036E-05 kN/m
FASE 10 FORZA 3.8742 kN/m
FASE 11 FORZA 4.8047 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 11
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.8886E-01	10.00	0.	0.
2	-0.1000	2.700	11.35	0.	0.
3	-0.2000	5.400	12.70	0.	0.
4	-0.3000	8.100	14.05	0.	0.
5	-0.4000	10.80	15.40	0.	0.
6	-0.5000	13.50	16.75	0.	0.
7	-0.6000	16.20	18.10	0.	0.
8	-0.7000	18.90	19.45	0.	0.
9	-0.8000	21.60	20.80	0.	0.
10	-0.9000	24.30	22.15	0.	0.
11	-1.000	27.00	23.50	0.	0.
12	-1.100	29.70	24.85	0.	0.
13	-1.200	32.40	26.20	0.	0.
14	-1.300	35.10	27.55	0.	0.
15	-1.400	37.80	28.90	0.	0.
16	-1.500	40.50	30.25	0.	0.
17	-1.600	43.20	31.60	0.	0.
18	-1.700	45.90	32.95	0.	0.
19	-1.800	48.60	34.30	0.	0.
20	-1.900	51.30	35.65	0.	0.
21	-2.000	54.00	37.00	0.	0.
22	-2.100	56.70	38.35	0.	0.
23	-2.200	59.40	39.70	0.	0.
24	-2.300	62.10	41.05	0.	0.
25	-2.400	64.80	42.40	0.	0.
26	-2.500	67.50	43.75	0.	0.
27	-2.600	70.20	45.10	0.	0.
28	-2.700	72.90	46.45	0.	0.
29	-2.800	75.60	47.80	0.	0.
30	-2.900	78.30	49.15	0.	0.
31	-3.000	81.00	50.50	0.	0.
32	-3.100	83.70	51.85	0.	0.
33	-3.200	87.45	53.20	0.	0.
34	-3.300	90.99	54.55	0.	0.
35	-3.400	93.82	55.90	0.	0.

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	96.26	57.25	0.	0.
37	-3.600	98.55	58.60	0.	0.
38	-3.700	100.8	59.95	0.	0.
39	-3.800	103.1	61.30	0.	0.
40	-3.900	105.6	62.65	0.	0.
41	-4.000	108.1	64.00	0.	0.
42	-4.100	110.7	65.35	0.	0.
43	-4.200	113.4	66.70	0.	0.
44	-4.300	116.1	68.05	0.	0.
45	-4.400	118.8	69.40	0.	0.
46	-4.500	121.5	70.75	0.	0.
47	-4.600	124.2	72.10	0.	0.
48	-4.700	126.9	73.45	0.	0.
49	-4.800	129.6	74.80	0.	0.
50	-4.900	132.3	76.15	0.	0.
51	-5.000	135.0	77.50	0.	0.
52	-5.100	137.7	78.85	0.	0.
53	-5.200	140.4	80.20	0.	0.
54	-5.300	143.1	81.55	0.	0.
55	-5.400	145.8	82.90	0.	0.
56	-5.500	148.5	84.25	0.	0.
57	-5.600	151.2	85.60	0.	0.
58	-5.700	153.9	86.95	0.	0.
59	-5.800	158.0	88.30	0.	0.
60	-5.900	162.2	89.65	0.	0.
61	-6.000	165.4	91.00	0.	0.
62	-6.100	168.0	92.35	0.	0.
63	-6.200	170.2	93.70	0.	0.
64	-6.300	172.3	95.05	0.	0.
65	-6.400	174.4	96.40	0.	0.
66	-6.500	176.5	97.75	0.	0.
67	-6.600	178.8	99.10	0.	0.
68	-6.700	181.2	100.4	0.	0.
69	-6.800	183.7	101.8	0.	0.
70	-6.900	186.3	103.2	0.	0.
71	-7.000	189.0	104.5	0.	0.
72	-7.100	191.7	105.8	0.	0.
73	-7.200	194.4	107.2	0.	0.
74	-7.300	197.1	108.6	0.	0.
75	-7.400	199.8	109.9	0.	0.
76	-7.500	202.5	111.2	0.	0.
77	-7.600	205.2	112.6	0.	0.
78	-7.700	207.9	113.9	0.	0.
79	-7.800	210.6	115.3	0.	0.
80	-7.900	213.3	116.7	0.	0.
81	-8.000	216.0	118.0	0.	0.

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	119.3	0.	0.
83	-8.200	221.4	120.7	0.	0.
84	-8.300	224.2	122.1	0.	0.
85	-8.400	230.0	123.4	0.	0.
86	-8.500	234.2	124.8	0.	0.
87	-8.600	237.3	126.1	0.	0.
88	-8.700	239.7	127.4	0.	0.
89	-8.800	241.8	128.8	0.	0.
90	-8.900	243.6	130.1	0.	0.
91	-9.000	245.5	131.5	0.	0.
92	-9.100	247.4	132.9	0.	0.
93	-9.200	249.5	134.2	0.	0.
94	-9.300	251.7	135.6	0.	0.
95	-9.400	254.1	136.9	0.	0.
96	-9.500	256.5	138.2	0.	0.
97	-9.600	259.2	139.6	0.	0.
98	-9.700	261.9	140.9	0.	0.
99	-9.800	264.6	142.3	0.	0.
100	-9.900	267.3	143.6	0.	0.
101	-10.00	270.0	145.0	0.	0.
102	-10.10	272.7	146.4	0.	0.
103	-10.20	275.4	147.7	0.	0.
104	-10.30	278.1	149.1	0.	0.
105	-10.40	280.8	150.4	0.	0.
106	-10.50	283.5	151.8	0.	0.
107	-10.60	286.2	153.1	0.	0.
108	-10.70	288.9	154.4	0.	0.
109	-10.80	291.8	155.8	0.	0.
110	-10.90	298.4	157.1	0.	0.
111	-11.00	303.0	158.5	0.	0.
112	-11.10	306.2	159.9	0.	0.
113	-11.20	308.5	161.2	0.	0.
114	-11.30	310.4	162.6	0.	0.
115	-11.40	312.0	163.9	0.	0.
116	-11.50	313.6	165.2	0.	0.
117	-11.60	315.3	166.6	0.	0.
118	-11.70	317.2	167.9	0.	0.
119	-11.80	319.3	169.3	0.	0.
120	-11.90	321.6	170.6	0.	0.
121	-12.00	324.0	172.0	0.	0.
122	-12.10	326.7	167.4	0.	0.
123	-12.20	329.4	145.3	0.	0.
124	-12.30	332.1	121.6	0.	0.
125	-12.40	334.8	97.09	0.	0.
126	-12.50	337.5	73.18	0.	0.
127	-12.60	340.2	52.11	0.	0.

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	342.9	35.55	0.	0.
129	-12.80	345.6	23.16	0.	0.
130	-12.90	348.3	14.51	0.	0.
131	-13.00	353.3	10.02	0.	0.
132	-13.10	359.9	10.01	0.	0.
133	-13.20	364.2	10.00	0.	0.
134	-13.30	366.9	10.00	0.	0.
135	-13.40	368.7	10.00	0.	0.
136	-13.50	370.1	10.00	0.	0.
137	-13.60	371.4	10.00	0.	0.
138	-13.70	372.8	10.00	0.	0.
139	-13.80	374.4	10.00	0.	0.
140	-13.90	376.3	10.00	0.	0.
141	-14.00	378.4	10.00	0.	0.
142	-14.10	380.7	10.02	0.	0.
143	-14.20	383.4	10.16	0.	0.
144	-14.30	386.1	10.23	0.	0.
145	-14.40	388.8	10.25	0.	0.
146	-14.50	391.5	10.23	0.	0.
147	-14.60	394.2	10.19	0.	0.
148	-14.70	396.9	10.15	0.	0.
149	-14.80	399.6	10.11	0.	0.
150	-14.90	402.3	10.07	0.	0.
151	-15.00	405.0	10.04	0.	0.
152	-15.10	407.7	10.02	0.	0.
153	-15.20	410.4	10.01	0.	0.
154	-15.30	413.1	10.00	0.	0.
155	-15.40	415.8	10.00	0.	0.
156	-15.50	418.5	10.00	0.	0.
157	-15.60	421.2	10.00	0.	0.
158	-15.70	423.9	10.00	0.	0.
159	-15.80	426.6	10.00	0.	0.
160	-15.90	429.3	10.00	0.	0.
161	-16.00	432.0	10.00	0.	0.
162	-16.10	434.7	10.00	0.	0.
163	-16.20	437.4	10.00	0.	0.
164	-16.30	440.1	10.00	0.	0.
165	-16.40	442.8	10.00	0.	0.
166	-16.50	445.5	10.00	0.	0.
167	-16.60	448.2	10.00	0.	0.
168	-16.70	450.9	10.00	0.	0.
169	-16.80	453.6	10.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 11
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	83.87	41.93	0.	0.
30	-2.900	82.73	40.02	0.	0.
31	-3.000	82.75	38.68	0.	0.
32	-3.100	83.81	37.85	0.	0.
33	-3.200	86.40	37.42	0.	0.
34	-3.300	89.10	37.13	0.	0.
35	-3.400	91.80	37.08	0.	0.

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	37.17	0.	0.
37	-3.600	97.20	37.32	0.	0.
38	-3.700	99.90	37.47	0.	0.
39	-3.800	102.6	37.60	0.	0.
40	-3.900	105.3	37.70	0.	0.
41	-4.000	108.0	37.76	0.	0.
42	-4.100	110.7	37.80	0.	0.
43	-4.200	113.4	37.81	0.	0.
44	-4.300	116.1	37.82	0.	0.
45	-4.400	118.8	37.82	0.	0.
46	-4.500	121.5	37.81	0.	0.
47	-4.600	124.2	37.81	0.	0.
48	-4.700	126.9	37.81	0.	0.
49	-4.800	129.6	37.80	0.	0.
50	-4.900	132.3	37.80	0.	0.
51	-5.000	135.0	37.80	0.	0.
52	-5.100	137.7	37.80	0.	0.
53	-5.200	140.4	37.80	0.	0.
54	-5.300	160.2	80.09	0.	0.
55	-5.400	156.9	77.11	0.	0.
56	-5.500	154.9	74.73	0.	0.
57	-5.600	154.1	73.00	0.	0.
58	-5.700	154.5	71.84	0.	0.
59	-5.800	156.6	71.07	0.	0.
60	-5.900	159.3	70.52	0.	0.
61	-6.000	162.0	70.34	0.	0.
62	-6.100	164.7	70.38	0.	0.
63	-6.200	167.4	70.55	0.	0.
64	-6.300	170.1	70.77	0.	0.
65	-6.400	172.8	70.98	0.	0.
66	-6.500	175.5	71.18	0.	0.
67	-6.600	178.2	71.33	0.	0.
68	-6.700	180.9	71.44	0.	0.
69	-6.800	183.6	71.52	0.	0.
70	-6.900	186.3	71.56	0.	0.
71	-7.000	189.1	71.58	0.	0.
72	-7.100	191.8	71.58	0.	0.
73	-7.200	194.5	71.58	0.	0.
74	-7.300	197.2	71.58	0.	0.
75	-7.400	199.8	71.57	0.	0.
76	-7.500	202.5	71.56	0.	0.
77	-7.600	205.2	71.56	0.	0.
78	-7.700	207.9	71.55	0.	0.
79	-7.800	236.5	118.2	0.	0.
80	-7.900	231.0	114.2	0.	0.
81	-8.000	227.0	110.8	0.	0.

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	224.5	108.2	0.	0.
83	-8.200	223.5	106.4	0.	0.
84	-8.300	224.1	105.2	0.	0.
85	-8.400	226.8	104.2	0.	0.
86	-8.500	229.5	103.6	0.	0.
87	-8.600	232.2	103.5	0.	0.
88	-8.700	234.9	103.6	0.	0.
89	-8.800	237.6	103.8	0.	0.
90	-8.900	240.3	104.1	0.	0.
91	-9.000	243.0	104.4	0.	0.
92	-9.100	245.7	104.7	0.	0.
93	-9.200	248.4	104.9	0.	0.
94	-9.300	251.1	105.1	0.	0.
95	-9.400	253.8	105.2	0.	0.
96	-9.500	256.5	105.3	0.	0.
97	-9.600	259.2	105.3	0.	0.
98	-9.700	262.0	105.3	0.	0.
99	-9.800	264.7	105.3	0.	0.
100	-9.900	267.4	105.3	0.	0.
101	-10.00	270.1	105.3	0.	0.
102	-10.10	272.8	105.3	0.	0.
103	-10.20	275.4	105.3	0.	0.
104	-10.30	321.7	160.8	0.	0.
105	-10.40	310.5	153.9	0.	0.
106	-10.50	301.9	148.2	0.	0.
107	-10.60	295.9	143.9	0.	0.
108	-10.70	292.4	140.8	0.	0.
109	-10.80	291.6	138.8	0.	0.
110	-10.90	294.3	137.1	0.	0.
111	-11.00	297.0	136.3	0.	0.
112	-11.10	299.7	136.0	0.	0.
113	-11.20	302.4	136.2	0.	0.
114	-11.30	305.1	136.6	0.	0.
115	-11.40	307.8	137.1	0.	0.
116	-11.50	310.5	137.6	0.	0.
117	-11.60	313.2	138.1	0.	0.
118	-11.70	315.9	138.4	0.	0.
119	-11.80	318.6	138.7	0.	0.
120	-11.90	321.3	138.9	0.	0.
121	-12.00	324.0	139.0	0.	0.
122	-12.10	326.8	139.1	0.	0.
123	-12.20	329.5	139.1	0.	0.
124	-12.30	332.3	139.1	0.	0.
125	-12.40	335.0	139.1	0.	0.
126	-12.50	415.7	207.9	0.	0.
127	-12.60	391.8	194.5	0.	0.

History 0 - Paratia 1 Sez_C - H = 12.5 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	373.7	184.1	0.	0.
129	-12.80	361.0	176.5	0.	0.
130	-12.90	353.1	171.2	0.	0.
131	-13.00	351.0	167.8	0.	0.
132	-13.10	353.7	165.0	0.	0.
133	-13.20	356.4	163.8	0.	0.
134	-13.30	359.1	163.7	0.	0.
135	-13.40	361.8	164.2	0.	0.
136	-13.50	364.5	165.0	0.	0.
137	-13.60	367.2	165.9	0.	0.
138	-13.70	369.9	166.8	0.	0.
139	-13.80	372.6	167.5	0.	0.
140	-13.90	375.3	168.1	0.	0.
141	-14.00	378.0	168.5	0.	0.
142	-14.10	380.7	168.7	0.	0.
143	-14.20	383.6	168.8	0.	0.
144	-14.30	386.4	168.9	0.	0.
145	-14.40	389.1	168.9	0.	0.
146	-14.50	391.8	168.9	0.	0.
147	-14.60	394.4	168.9	0.	0.
148	-14.70	397.1	168.8	0.	0.
149	-14.80	399.7	168.8	0.	0.
150	-14.90	402.4	168.8	0.	0.
151	-15.00	405.0	168.8	0.	0.
152	-15.10	407.7	168.8	0.	0.
153	-15.20	410.4	168.8	0.	0.
154	-15.30	413.1	168.7	0.	0.
155	-15.40	415.8	168.7	0.	0.
156	-15.50	418.5	168.7	0.	0.
157	-15.60	421.2	168.7	0.	0.
158	-15.70	423.9	168.7	0.	0.
159	-15.80	426.6	168.7	0.	0.
160	-15.90	429.3	168.7	0.	0.
161	-16.00	432.0	168.7	0.	0.
162	-16.10	434.7	168.7	0.	0.
163	-16.20	437.4	168.7	0.	0.
164	-16.30	440.1	168.7	0.	0.
165	-16.40	442.8	168.8	0.	0.
166	-16.50	445.5	168.8	0.	0.
167	-16.60	448.2	168.8	0.	0.
168	-16.70	450.9	168.8	0.	0.
169	-16.80	453.6	168.8	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3810.2	3810.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3810.2	3810.2
SPINTA ATTIVA (POSSIBILE)	30.809	30.809
SPINTA PASSIVA (POSSIBILE)	42841.	42841.
RAPPORTO PASSIVA/VERA	11.244	11.244
SPINTA PASSIVA MOBILITATA	9.%	9.%
RAPPORTO VERA/ATTIVA	123.67	123.67

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3708.9	3708.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3708.9	3708.9
SPINTA ATTIVA (POSSIBILE)	45.638	0.99576
SPINTA PASSIVA (POSSIBILE)	45904.	30902.
RAPPORTO PASSIVA/VERA	12.377	8.3318
SPINTA PASSIVA MOBILITATA	8.%	12.%
RAPPORTO VERA/ATTIVA	81.269	3724.7

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3708.9	3708.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3708.9	3708.9
SPINTA ATTIVA (POSSIBILE)	45.638	0.99576
SPINTA PASSIVA (POSSIBILE)	45904.	30902.
RAPPORTO PASSIVA/VERA	12.377	8.3318
SPINTA PASSIVA MOBILITATA	8.%	12.%
RAPPORTO VERA/ATTIVA	81.269	3724.7

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3441.5	3440.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3441.5	3440.6
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	21851.
RAPPORTO PASSIVA/VERA	13.338	6.3509
SPINTA PASSIVA MOBILITATA	7.%	16.%
RAPPORTO VERA/ATTIVA	75.410	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3441.5	3440.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3441.5	3440.6
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	21851.
RAPPORTO PASSIVA/VERA	13.338	6.3509
SPINTA PASSIVA MOBILITATA	7.%	16.%
RAPPORTO VERA/ATTIVA	75.410	0.10000E+06

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3006.1	3003.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3006.1	3003.5
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	14338.
RAPPORTO PASSIVA/VERA	15.270	4.7737
SPINTA PASSIVA MOBILITATA	7.%	21.%
RAPPORTO VERA/ATTIVA	65.868	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3006.0	3003.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3006.0	3003.5
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	14338.
RAPPORTO PASSIVA/VERA	15.270	4.7737
SPINTA PASSIVA MOBILITATA	7.%	21.%
RAPPORTO VERA/ATTIVA	65.867	0.10000E+06

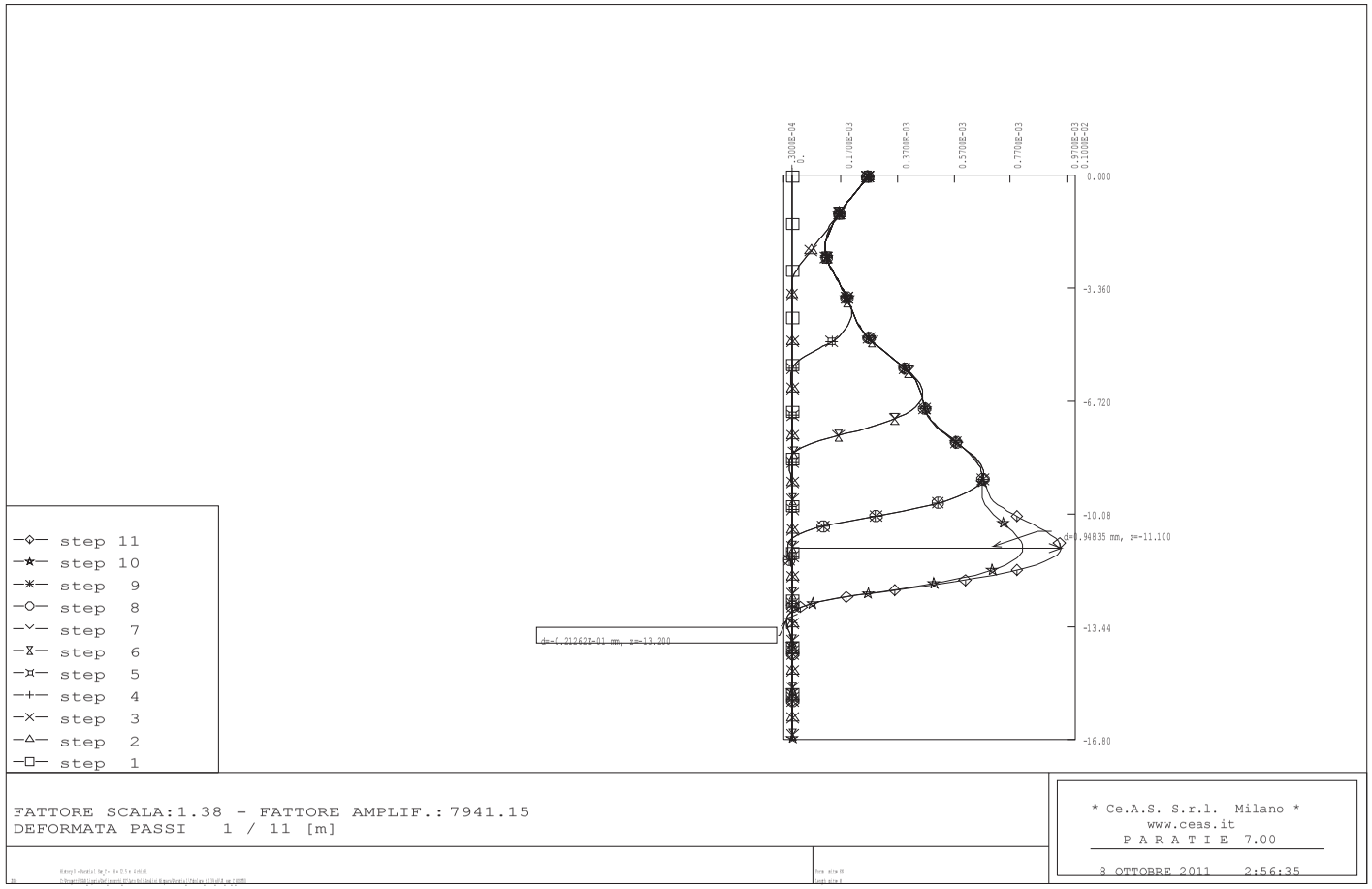
FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2404.2	2398.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2404.2	2398.8
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	8362.2
RAPPORTO PASSIVA/VERA	19.093	3.4861
SPINTA PASSIVA MOBILITATA	5.%	29.%
RAPPORTO VERA/ATTIVA	52.679	0.10000E+06

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2404.2	2398.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2404.2	2398.8
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	8362.2
RAPPORTO PASSIVA/VERA	19.094	3.4861
SPINTA PASSIVA MOBILITATA	5.%	29.%
RAPPORTO VERA/ATTIVA	52.679	0.10000E+06

FASE 10 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1738.8	1729.7
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1738.8	1729.7
SPINTA ATTIVA (POSSIBILE)	45.638	0.
SPINTA PASSIVA (POSSIBILE)	45904.	4376.2
RAPPORTO PASSIVA/VERA	26.399	2.5300
SPINTA PASSIVA MOBILITATA	4.%	40.%
RAPPORTO VERA/ATTIVA	38.101	0.10000E+06

FASE 11 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1739.1	1729.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1739.1	1729.1
SPINTA ATTIVA (POSSIBILE)	124.39	0.
SPINTA PASSIVA (POSSIBILE)	45904.	4376.2
RAPPORTO PASSIVA/VERA	26.395	2.5309
SPINTA PASSIVA MOBILITATA	4.%	40.%
RAPPORTO VERA/ATTIVA	13.981	0.10000E+06

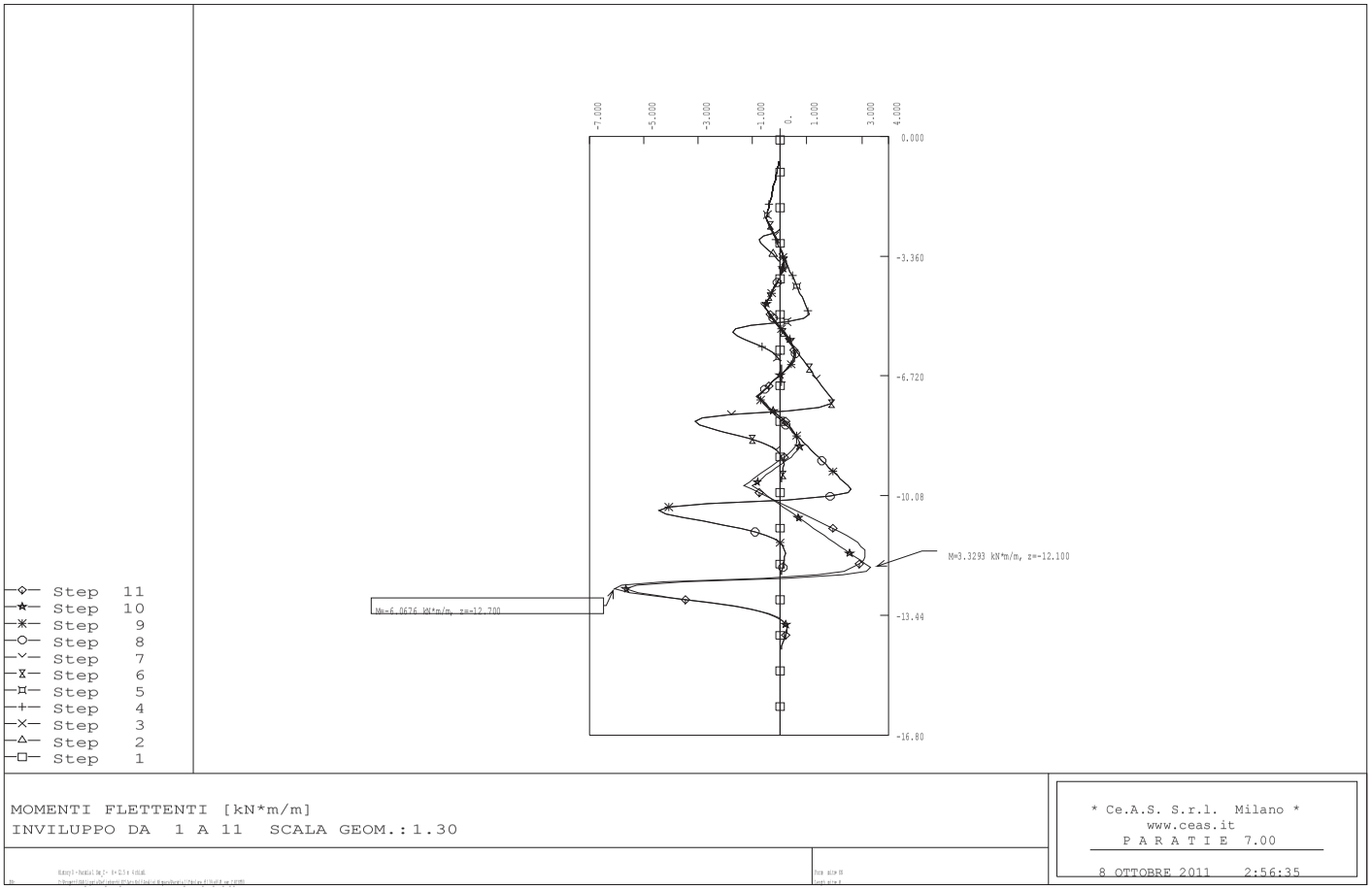
OUTPUT PLOTS:



FATTORE SCALA:1.38 - FATTORE AMPLIF.:7941.15
DEFORMATA PASSI 1 / 11 [m]

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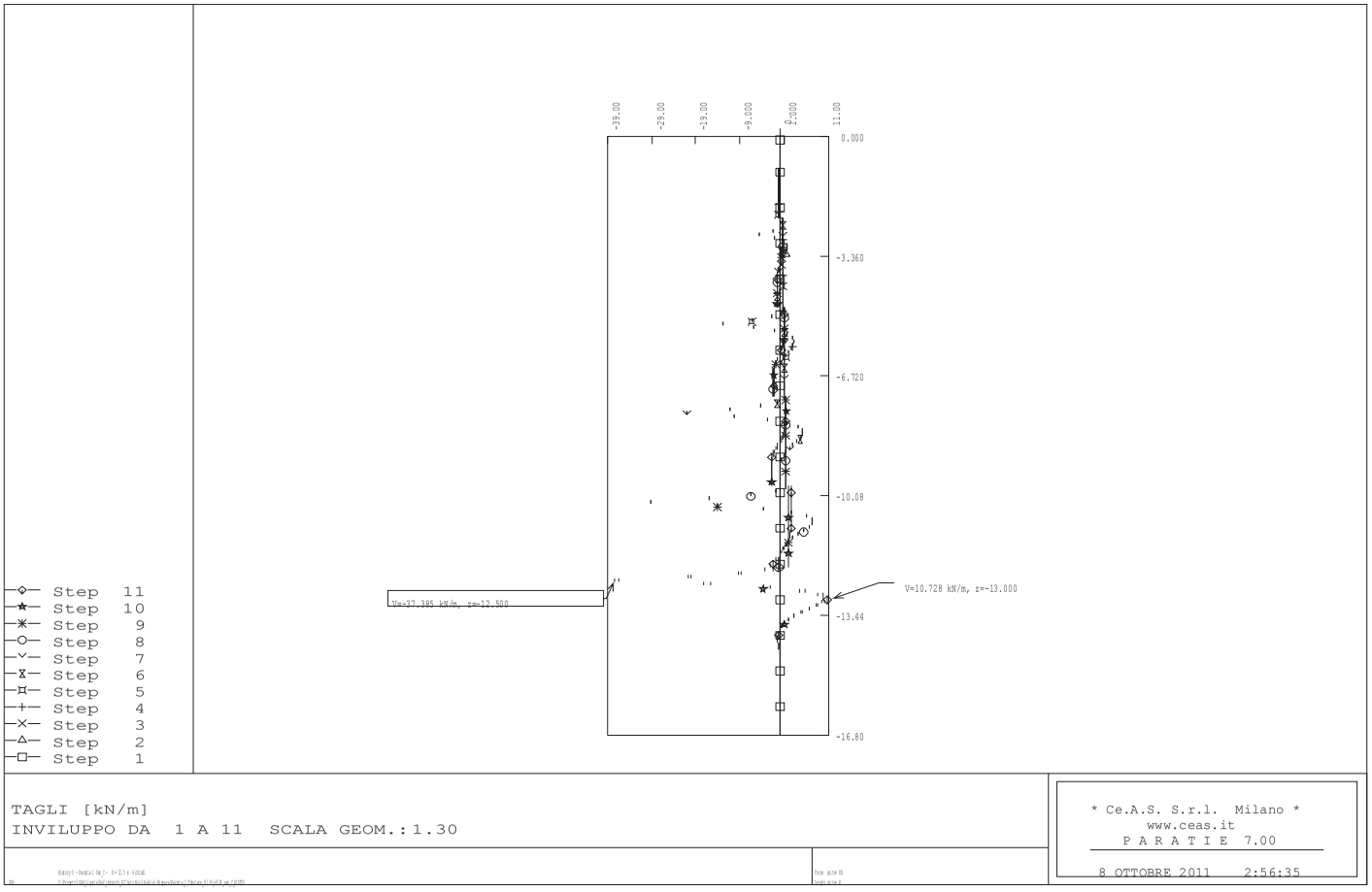
8 OTTOBRE 2011 2:56:35



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 11 SCALA GEOM.: 1.30

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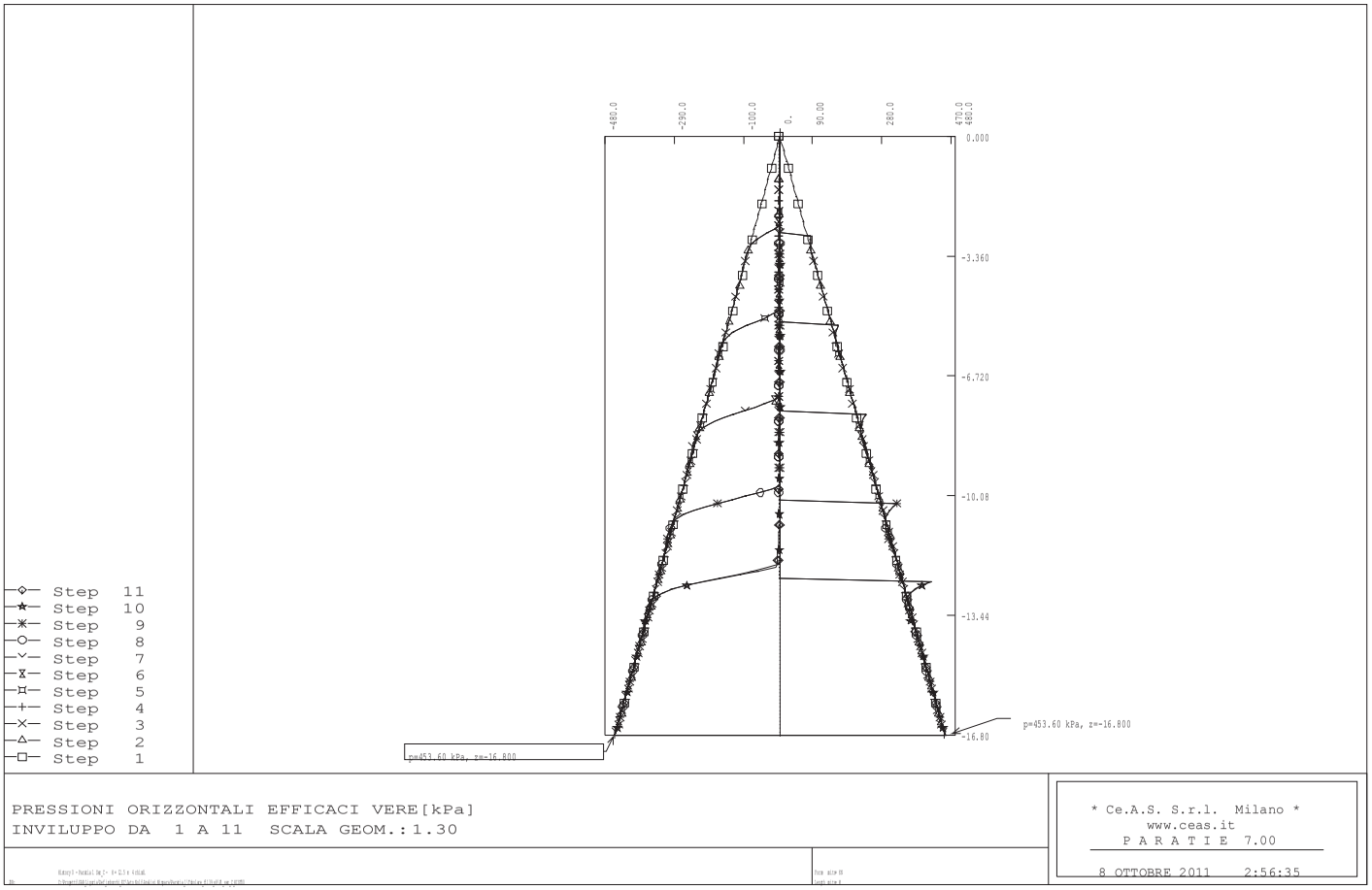
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TAGLI [kN/m]
INVILUPPO DA 1 A 11 SCALA GEOM.: 1.30

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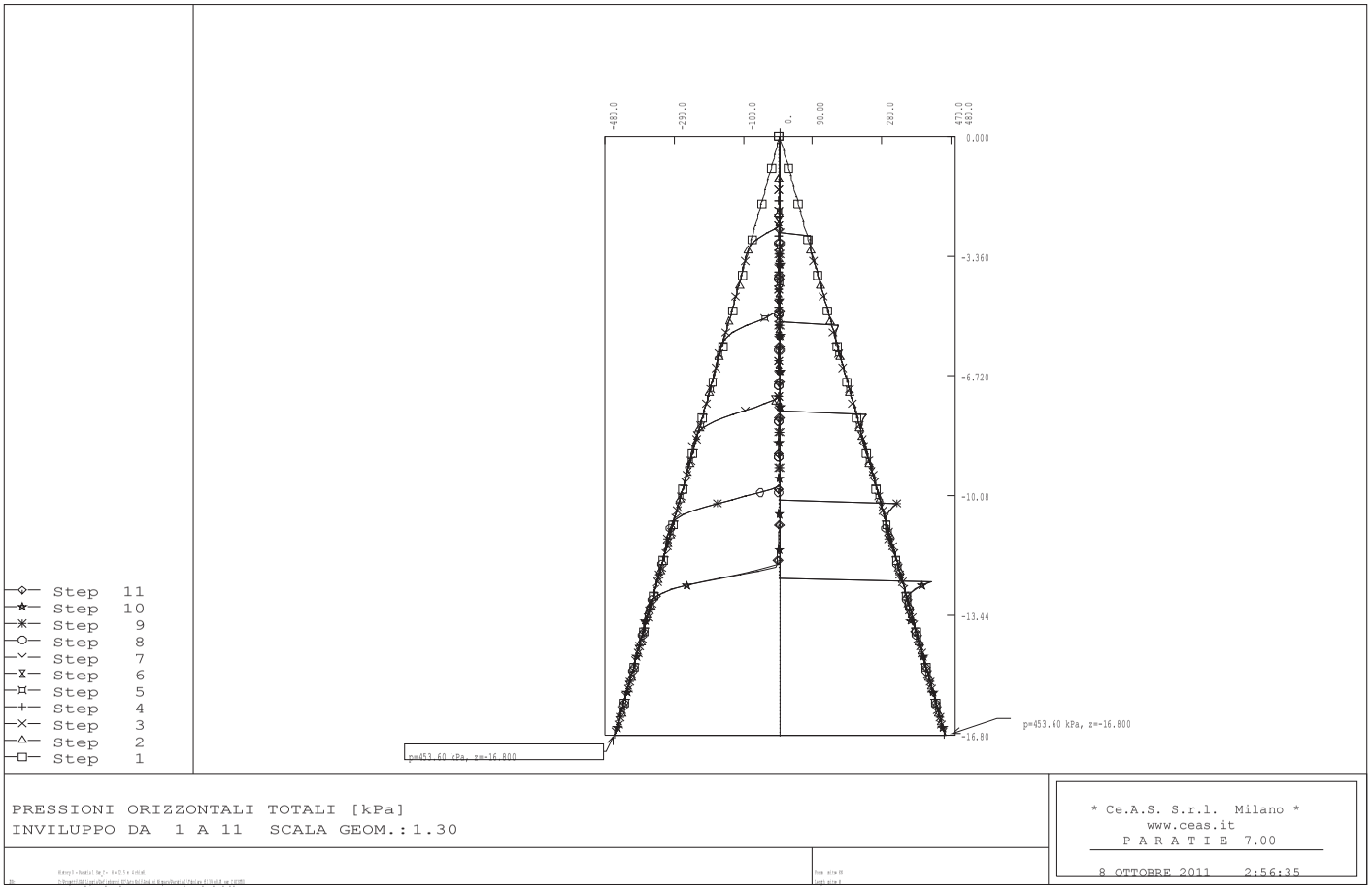
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PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 11 SCALA GEOM.:1.30

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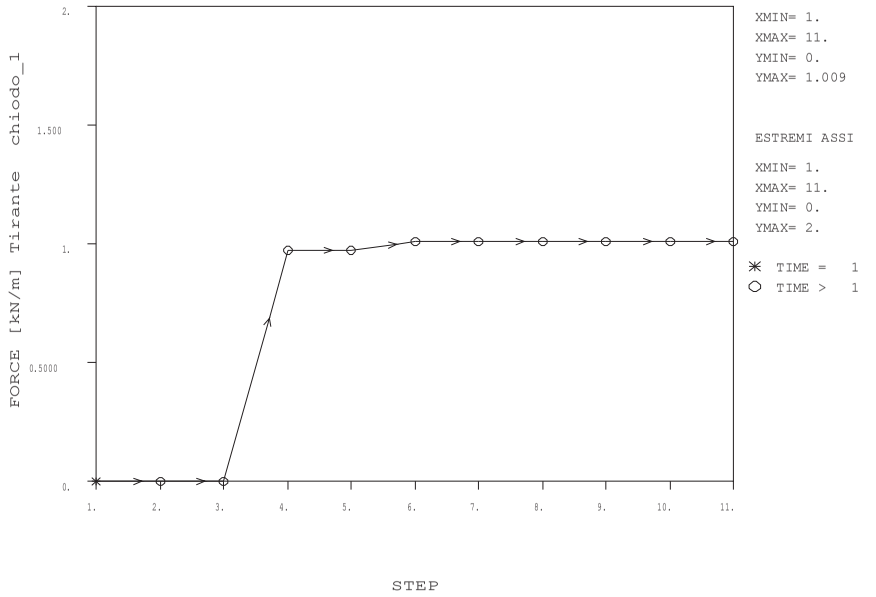
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 11 SCALA GEOM.:1.30

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.1494E-10
4.	0.9727
5.	0.9727
6.	1.009
7.	1.009
8.	1.009
9.	1.009
10.	1.009
11.	1.009



XMIN= 1.
XMAX= 11.
YMIN= 0.
YMAX= 1.009

ESTREMI ASSI

XMIN= 1.
XMAX= 11.
YMIN= 0.
YMAX= 2.

✳ TIME = 1
○ TIME > 1

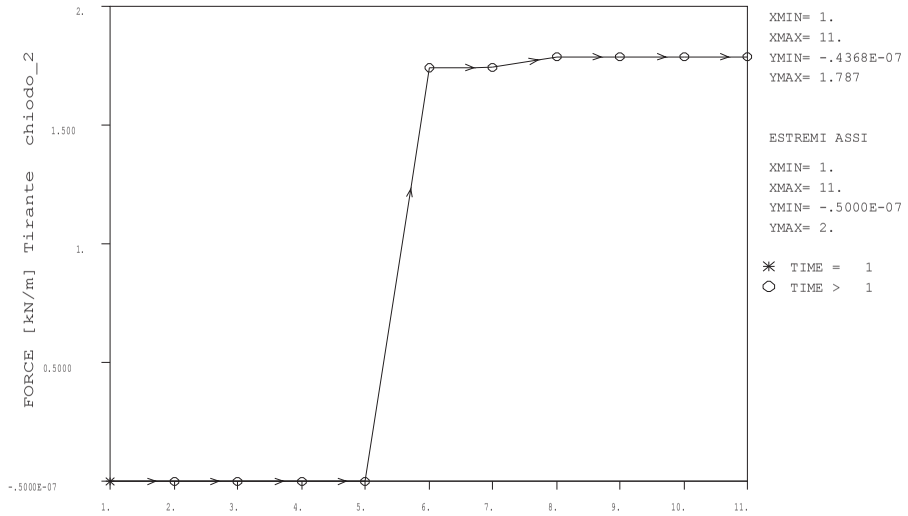
DAL PASSO 1 AL PASO 11
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.4368E-07
6.	1.741
7.	1.742
8.	1.786
9.	1.787
10.	1.787
11.	1.787



XMIN= 1.
XMAX= 11.
YMIN= -.4368E-07
YMAX= 1.787

ESTREMI ASSI

XMIN= 1.
XMAX= 11.
YMIN= -.5000E-07
YMAX= 2.

✳ TIME = 1
○ TIME > 1

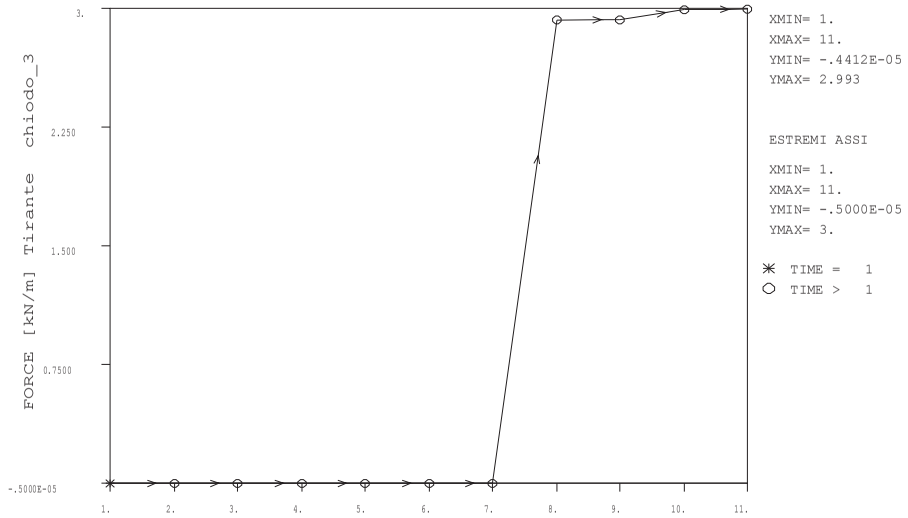
DAL PASSO 1 AL PASSO 11
DIAGRAMMA VARIABILE X / VARIABILE Y

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8 OTTOBRE 2011 2:56:35

Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	-.4412E-05
8.	2.925
9.	2.926
10.	2.990
11.	2.993



DAL PASSO 1 AL PASSO 11

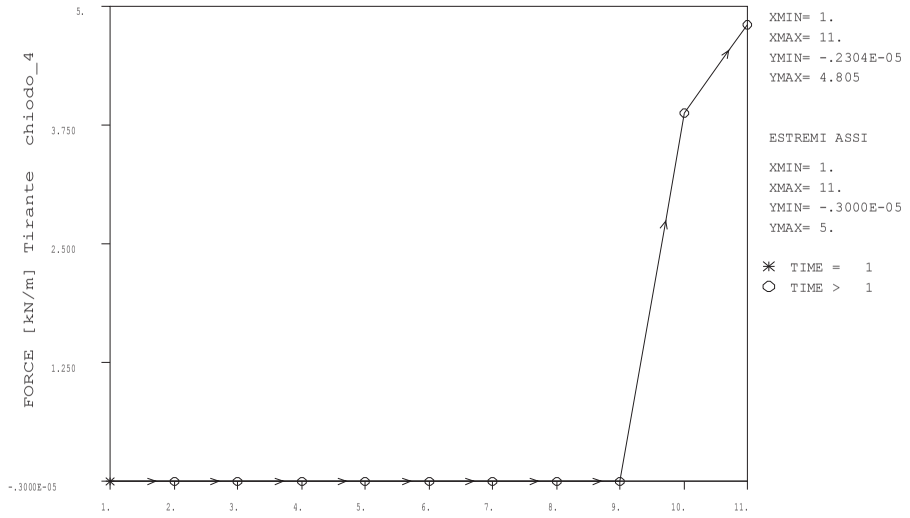
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_4

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	-.2304E-05
10.	3.874
11.	4.805



DAL PASSO 1 AL PASSO 11

DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice F

P1 - Sezione D – Tabulati di calcolo PARATIE

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME H:\Elisabetta\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analis

7 OTTOBRE 2011 15:14:28

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <h:\elisabetta\progetti\sab_liguria\def_imbocchi_ec\lato
      noli\analis
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_D -  H = 16.5 m  5 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -24.8 0
  15: *
  16: soil UHLeft LeftWall -24.8 0 1 0
  17: soil DHLeft LeftWall -24.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: material VTR 3E+007
  22: *
  23: beam paratia LeftWall -24.8 0 Acciaio 0.06 00 00
  24: *
  25: wire chiodo_1 LeftWall -3.4 Acciaio_chiodi 7.85E-005 0 0
  26: wire chiodo_2 LeftWall -5.9 VTR 8.98E-005 0 0
  27: wire chiodo_3 LeftWall -8.4 VTR 8.98E-005 0 0
  28: wire chiodo_4 LeftWall -10.9 VTR 0.000105 0 0
  29: wire chiodo_5 LeftWall -13.4 VTR 0.000105 0 0
  30: *
  31: * Soil Profile
  32: *
  33:     ldata          1_ 0
  34:         weight     24 24 0
  35:         atrest     0.5 0 1 0.5
  36:         resistance 35 40 0.178591 11.0616
  37:         young      500000 750000
  38:     endlayer
```

```
  N.  comando

  39:     ldata          2_ -7
  40:         weight     27 27 0
  41:         atrest     1 0 1 1
  42:         resistance 80 38 0.195942 9.11404
  43:         young      2E+006 3E+006
  44:     endlayer
  45: *
  46: step 1 :  geostatica
  47:     setwall LeftWall
  48:         geom 0 0
  49: endstep
  50: *
  51: step 2 :  scavo a  quota -3.9 m+sovraccarico 110 kPa
  52:     setwall LeftWall
  53:         geom 0 -3.9
  54:         surcharge 110 0 0 0
  55: endstep
  56: *
  57: step 3 :  inserimento primo chiodo
  58:     setwall LeftWall
  59:         geom 0 -3.9
  60:         surcharge 110 0 0 0
  61:         add chiodo_1
  62: endstep
  63: *
  64: step 4 :  scavo a quota -6.4 m
  65:     setwall LeftWall
  66:         geom 0 -6.4
  67:         surcharge 110 0 0 0
  68: endstep
  69: *
  70: step 5 :  inserimento secondo chiodo
  71:     setwall LeftWall
  72:         geom 0 -6.4
  73:         surcharge 110 0 0 0
  74:         add chiodo_2
  75: endstep
  76: *
  77: step 6 :  scavo a quota -8.9 m
  78:     setwall LeftWall
  79:         geom 0 -8.9
  80:         surcharge 110 0 0 0
  81: endstep
  82: *
  83: step 7 :  inserimento terzo chiodo
  84:     setwall LeftWall
```

```
  N.  comando

  85:         geom 0 -8.9
  86:         surcharge 110 0 0 0
  87:         add chiodo_3
  88: endstep
  89: *
  90: step 8 :  scavo a quota 11.4 m
  91:     setwall LeftWall
  92:         geom 0 -11.4
  93:         surcharge 110 0 0 0
  94: endstep
  95: *
  96: step 9 :  inserimento quarto chiodo
  97:     setwall LeftWall
  98:         geom 0 -11.4
  99:         surcharge 110 0 0 0
 100:         add chiodo_4
 101: endstep
 102: *
 103: step 10 :  scavo a quota -13.9 m
 104:     setwall LeftWall
 105:         geom 0 -13.9
 106:         surcharge 110 0 0 0
 107: endstep
 108: *
 109: step 11 :  inserimento quinto chiodo
 110:     setwall LeftWall
 111:         geom 0 -13.9
 112:         surcharge 110 0 0 0
 113:         add chiodo_5
 114: endstep
 115: *
 116: step 12 :  scavo finale -16.5 m
 117:     setwall LeftWall
 118:         geom 0 -16.5
 119:         surcharge 110 0 0 0
 120: endstep
 121: *
 122: step 13 :  sisma kh=0.04 kv=0.02
 123:     change 2_ U-KA=0.216
 124:     change 1_ U-KA=0.198
 125:     setwall LeftWall
 126:         geom 0 -16.5
 127:         surcharge 110 0 0 0
 128: endstep
 129: *
 130: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	= -7.0000	m	
peso fuori falda	= 24.000	kN/m³	
peso efficace in falda	= 24.000	kN/m³	
coesione	= 35.000	kPa	(A MONTE)
angolo di attrito	= 40.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.17859		(A MONTE)
coeff. spinta passiva kp	= 11.062		(A MONTE)
Konc normal consolidato	= 0.50000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 0.50000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.50000E+06	kPa	
modulo el. scarico/ricarico	= 0.75000E+06	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 35.000	kPa	(A VALLE)
angolo di attrito	= 40.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.17859		(A VALLE)
coeff. spinta passiva kp	= 11.062		(A VALLE)

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= -7.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

coeff. spinta passiva kp = 9.1140 (A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 10

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 11

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 12

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 13

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.19800 (A MONTE)

LAYER 2_
coeff. spinta attiva ka = 0.21600 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -24.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.9000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -24.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.9000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.400	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.400	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 10

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-13.900	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-24.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 11

RIASSUNTO DATI RELATIVI ALLA FASE 11

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -13.900	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -24.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 12

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -16.500	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -24.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 13

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -16.500	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m

RIASSUNTO DATI RELATIVI ALLA FASE 13

quota di equil. pressioni dell'acqua	= -24.800	m	
indicatore comportamento acqua	= 0.0000	(1=REMOVE)	
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)	

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-24.80	UPHILL	0.
DHLeft	LeftWall	0.	-24.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-24.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.400	_	0.7850E-04	0.	0.
chiodo_2	LeftWall	-5.900	_	0.8980E-04	0.	0.
chiodo_3	LeftWall	-8.400	_	0.8980E-04	0.	0.
chiodo_4	LeftWall	-10.90	_	0.1050E-03	0.	0.
chiodo_5	LeftWall	-13.40	_	0.1050E-03	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008
VTR	3E+007

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	9	SI
3	2	SI
4	7	SI
5	2	SI
6	8	SI
7	2	SI
8	12	SI
9	2	SI
10	14	SI
11	2	SI
12	15	SI
13	8	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00
160	0.00000000E+00	0.00000000E+00
161	0.00000000E+00	0.00000000E+00
162	0.00000000E+00	0.00000000E+00
163	0.00000000E+00	0.00000000E+00
164	0.00000000E+00	0.00000000E+00
165	0.00000000E+00	0.00000000E+00
166	0.00000000E+00	0.00000000E+00
167	0.00000000E+00	0.00000000E+00
168	0.00000000E+00	0.00000000E+00
169	0.00000000E+00	0.00000000E+00
170	0.00000000E+00	0.00000000E+00
171	0.00000000E+00	0.00000000E+00
172	0.00000000E+00	0.00000000E+00
173	0.00000000E+00	0.00000000E+00
174	0.00000000E+00	0.00000000E+00
175	0.00000000E+00	0.00000000E+00
176	0.00000000E+00	0.00000000E+00
177	0.00000000E+00	0.00000000E+00
178	0.00000000E+00	0.00000000E+00
179	0.00000000E+00	0.00000000E+00
180	0.00000000E+00	0.00000000E+00
181	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.00000000E+00	0.00000000E+00
183	0.00000000E+00	0.00000000E+00
184	0.00000000E+00	0.00000000E+00
185	0.00000000E+00	0.00000000E+00
186	0.00000000E+00	0.00000000E+00
187	0.00000000E+00	0.00000000E+00
188	0.00000000E+00	0.00000000E+00
189	0.00000000E+00	0.00000000E+00
190	0.00000000E+00	0.00000000E+00
191	0.00000000E+00	0.00000000E+00
192	0.00000000E+00	0.00000000E+00
193	0.00000000E+00	0.00000000E+00
194	0.00000000E+00	0.00000000E+00
195	0.00000000E+00	0.00000000E+00
196	0.00000000E+00	0.00000000E+00
197	0.00000000E+00	0.00000000E+00
198	0.00000000E+00	0.00000000E+00
199	0.00000000E+00	0.00000000E+00
200	0.00000000E+00	0.00000000E+00
201	0.00000000E+00	0.00000000E+00
202	0.00000000E+00	0.00000000E+00
203	0.00000000E+00	0.00000000E+00
204	0.00000000E+00	0.00000000E+00
205	0.00000000E+00	0.00000000E+00
206	0.00000000E+00	0.00000000E+00
207	0.00000000E+00	0.00000000E+00
208	0.00000000E+00	0.00000000E+00
209	0.00000000E+00	0.00000000E+00
210	0.00000000E+00	0.00000000E+00
211	0.00000000E+00	0.00000000E+00
212	0.00000000E+00	0.00000000E+00
213	0.00000000E+00	0.00000000E+00
214	0.00000000E+00	0.00000000E+00
215	0.00000000E+00	0.00000000E+00
216	0.00000000E+00	0.00000000E+00
217	0.00000000E+00	0.00000000E+00
218	0.00000000E+00	0.00000000E+00
219	0.00000000E+00	0.00000000E+00
220	0.00000000E+00	0.00000000E+00
221	0.00000000E+00	0.00000000E+00
222	0.00000000E+00	0.00000000E+00
223	0.00000000E+00	0.00000000E+00
224	0.00000000E+00	0.00000000E+00
225	0.00000000E+00	0.00000000E+00
226	0.00000000E+00	0.00000000E+00
227	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.00000000E+00	0.00000000E+00
229	0.00000000E+00	0.00000000E+00
230	0.00000000E+00	0.00000000E+00
231	0.00000000E+00	0.00000000E+00
232	0.00000000E+00	0.00000000E+00
233	0.00000000E+00	0.00000000E+00
234	0.00000000E+00	0.00000000E+00
235	0.00000000E+00	0.00000000E+00
236	0.00000000E+00	0.00000000E+00
237	0.00000000E+00	0.00000000E+00
238	0.00000000E+00	0.00000000E+00
239	0.00000000E+00	0.00000000E+00
240	0.00000000E+00	0.00000000E+00
241	0.00000000E+00	0.00000000E+00
242	0.00000000E+00	0.00000000E+00
243	0.00000000E+00	0.00000000E+00
244	0.00000000E+00	0.00000000E+00
245	0.00000000E+00	0.00000000E+00
246	0.00000000E+00	0.00000000E+00
247	0.00000000E+00	0.00000000E+00
248	0.00000000E+00	0.00000000E+00
249	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27238240E-02	-0.69566845E-03
2	0.26542572E-02	-0.69566845E-03
3	0.25846902E-02	-0.69566845E-03
4	0.25151235E-02	-0.69566845E-03
5	0.24455567E-02	-0.69566845E-03
6	0.23759897E-02	-0.69566845E-03
7	0.23064229E-02	-0.69566845E-03
8	0.22368561E-02	-0.69566845E-03
9	0.21672891E-02	-0.69566845E-03
10	0.20977224E-02	-0.69566845E-03
11	0.20281556E-02	-0.69566845E-03
12	0.19585886E-02	-0.69566845E-03
13	0.18890218E-02	-0.69566845E-03
14	0.18194551E-02	-0.69566845E-03
15	0.17498882E-02	-0.69566845E-03
16	0.16803213E-02	-0.69566845E-03
17	0.16107545E-02	-0.69566845E-03
18	0.15411876E-02	-0.69566845E-03
19	0.14716208E-02	-0.69566845E-03
20	0.14020540E-02	-0.69566845E-03
21	0.13324871E-02	-0.69566845E-03
22	0.12629202E-02	-0.69566845E-03
23	0.11933534E-02	-0.69566845E-03
24	0.11237866E-02	-0.69566845E-03
25	0.10542197E-02	-0.69566845E-03
26	0.98465441E-03	-0.69562218E-03
27	0.91510179E-03	-0.69538044E-03
28	0.84559357E-03	-0.69468061E-03
29	0.77619345E-03	-0.69314666E-03
30	0.70700835E-03	-0.69028925E-03
31	0.63819980E-03	-0.68550557E-03
32	0.56999532E-03	-0.67807938E-03
33	0.50269964E-03	-0.66718127E-03
34	0.43670624E-03	-0.65186812E-03
35	0.37250842E-03	-0.63108373E-03
36	0.31071086E-03	-0.60365826E-03
37	0.25204092E-03	-0.56830858E-03
38	0.19735983E-03	-0.52363827E-03
39	0.14767426E-03	-0.46813735E-03
40	0.10414749E-03	-0.40018256E-03
41	0.67897672E-04	-0.32443026E-03
42	0.39218699E-04	-0.24996011E-03
43	0.17674476E-04	-0.18242518E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24031106E-05	-0.12480683E-03
45	-0.76500110E-05	-0.78082114E-04
46	-0.13565884E-04	-0.41934545E-04
47	-0.16356063E-04	-0.15361296E-04
48	-0.16912019E-04	0.29956373E-05
49	-0.15980835E-04	0.14635585E-04
50	-0.14159389E-04	0.21040963E-04
51	-0.11901850E-04	0.23570134E-04
52	-0.95354180E-05	0.23397622E-04
53	-0.72801768E-05	0.21489568E-04
54	-0.52700943E-05	0.18603816E-04
55	-0.35731496E-05	0.15305983E-04
56	-0.22093488E-05	0.11994614E-04
57	-0.11659910E-05	0.89303185E-05
58	-0.40995212E-06	0.62660160E-05
59	0.10280831E-06	0.40695959E-05
60	0.41969187E-06	0.23449202E-05
61	0.58635288E-06	0.10570607E-05
62	0.64382459E-06	0.15081963E-06
63	0.62707335E-06	-0.43872558E-06
64	0.56440030E-06	-0.77864649E-06
65	0.47756885E-06	-0.93182302E-06
66	0.38242752E-06	-0.95324503E-06
67	0.28979878E-06	-0.88829876E-06
68	0.20646416E-06	-0.77246085E-06
69	0.13613000E-06	-0.63192158E-06
70	0.80300538E-07	-0.48476136E-06
71	0.39017678E-07	-0.34240230E-06
72	0.11250738E-07	-0.21712337E-06
73	-0.53181979E-08	-0.11918048E-06
74	-0.13534793E-07	-0.49720665E-07
75	-0.16095534E-07	-0.52569429E-08
76	-0.15242838E-07	0.19507096E-07
77	-0.12664047E-07	0.30173176E-07
78	-0.95118562E-08	0.31729634E-07
79	-0.64896422E-08	0.28140411E-07
80	-0.39599550E-08	0.22265763E-07
81	-0.20504085E-08	0.15973551E-07
82	-0.74335205E-09	0.10338127E-07
83	0.55653464E-10	0.58557994E-08
84	0.46967236E-09	0.26294078E-08
85	0.61927441E-09	0.53519683E-09
86	0.60697036E-09	-0.65125527E-09
87	0.51085802E-09	-0.11826663E-08
88	0.38459266E-09	-0.12894104E-08
89	0.26098004E-09	-0.11560317E-08

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.15695552E-09	-0.91557695E-09
91	0.78562767E-10	-0.65417871E-09
92	0.25199960E-10	-0.42037510E-09
93	-0.71402528E-11	-0.23541152E-09
94	-0.23627926E-10	-0.10281532E-09
95	-0.29257211E-10	-0.16835972E-10
96	-0.28233910E-10	0.31979697E-10
97	-0.23757512E-10	0.53908204E-10
98	-0.18038725E-10	0.58242994E-10
99	-0.12446334E-10	0.52455124E-10
100	-0.77034828E-11	0.41993787E-10
101	-0.40832997E-11	0.30460755E-10
102	-0.15768256E-11	0.19962908E-10
103	-0.22510927E-13	0.11511278E-10
104	0.80211044E-12	0.53600609E-11
105	0.11197550E-11	0.13164563E-11
106	0.11224345E-11	-0.10161643E-11
107	0.95815185E-12	-0.20998951E-11
108	0.72979215E-12	-0.23635260E-11
109	0.50118763E-12	-0.21549266E-11
110	0.30609139E-12	-0.17277907E-11
111	0.15736829E-12	-0.12484909E-11
112	0.54948166E-13	-0.81254215E-12
113	-0.80384418E-14	-0.46354256E-12
114	-0.40965288E-13	-0.21069114E-12
115	-0.53071947E-13	-0.44698081E-13
116	-0.52239879E-13	0.51245676E-13
117	-0.44530308E-13	0.95964571E-13
118	-0.34177874E-13	0.10675622E-12
119	-0.23841003E-13	0.97689706E-13
120	-0.14956178E-13	0.79135856E-13
121	-0.80989098E-14	0.58029658E-13
122	-0.32979550E-14	0.38492172E-13
123	-0.28006594E-15	0.22566977E-13
124	0.13556773E-14	0.10848889E-13
125	0.20204614E-14	0.30532855E-14
126	0.20737531E-14	-0.15197591E-14
127	0.17958028E-14	-0.37140095E-14
128	0.13836614E-14	-0.43269513E-14
129	0.96128022E-15	-0.40138604E-14
130	0.59564792E-15	-0.32580112E-14
131	0.31374140E-15	-0.23802604E-14
132	0.11741195E-15	-0.15680268E-14
133	-0.50057149E-17	-0.91004648E-15
134	-0.70474147E-16	-0.42837037E-15
135	-0.96069921E-16	-0.10839837E-15

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.96551817E-16	0.79633889E-16
137	-0.83393166E-16	0.17016557E-15
138	-0.64696105E-16	0.19537510E-15
139	-0.45613052E-16	0.18173744E-15
140	-0.28986258E-16	0.14897056E-15
141	-0.16012202E-16	0.11040579E-15
142	-0.68301701E-17	0.74088920E-16
143	-0.98307397E-18	0.44112367E-16
144	0.22478342E-17	0.21801740E-16
145	0.36211560E-17	0.68075757E-17
146	0.38122066E-17	-0.21008690E-17
147	0.33515264E-17	-0.64929923E-17
148	0.26143738E-17	-0.78621416E-17
149	0.18388728E-17	-0.74380486E-17
150	0.11559863E-17	-0.61372901E-17
151	0.62016967E-18	-0.45738832E-17
152	0.23821750E-18	-0.31002407E-17
153	-0.85533101E-20	-0.18868439E-17
154	-0.14944702E-18	-0.98231937E-18
155	-0.21487782E-18	-0.37361435E-18
156	-0.23227428E-18	-0.80416641E-20
157	-0.22217968E-18	0.18672521E-18
158	-0.19851838E-18	0.27381798E-18
159	-0.16921462E-18	0.30695476E-18
160	-0.13807994E-18	0.31151653E-18
161	-0.10762649E-18	0.29462310E-18
162	-0.79627979E-19	0.26354977E-18
163	-0.55182634E-19	0.22449335E-18
164	-0.34829819E-19	0.18242158E-18
165	-0.18674640E-19	0.14106020E-18
166	-0.65082207E-20	0.10298562E-18
167	0.20848690E-20	0.69782598E-19
168	0.76366695E-20	0.42230717E-19
169	0.10724819E-19	0.20493038E-19
170	0.11919764E-19	0.42899473E-20
171	0.11748235E-19	-0.69503479E-20
172	0.10670454E-19	-0.13967843E-19
173	0.90684174E-20	-0.17572812E-19
174	0.72427563E-20	-0.18571840E-19
175	0.54159126E-20	-0.17714963E-19
176	0.37396686E-20	-0.15660939E-19
177	0.23053641E-20	-0.12957739E-19
178	0.11554233E-20	-0.10035463E-19
179	0.29507664E-21	-0.72090349E-20
180	-0.29656720E-21	-0.46881140E-20
181	-0.65670083E-21	-0.25918339E-20

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.83062196E-21	-0.96619371E-21
183	-0.86532816E-21	0.19778963E-21
184	-0.80489975E-21	0.94670094E-21
185	-0.68753320E-21	0.13492549E-20
186	-0.54399384E-21	0.14834570E-20
187	-0.39720565E-21	0.14267437E-20
188	-0.26267574E-21	0.12491114E-20
189	-0.14946630E-21	0.10089909E-20
190	-0.61458399E-22	0.75144537E-21
191	0.12986680E-23	0.50817652E-21
192	0.41306663E-22	0.29880016E-21
193	0.62507464E-22	0.13288662E-21
194	0.69396024E-22	0.12334301E-22
195	0.66372920E-22	-0.66260069E-22
196	0.57323499E-22	-0.10946995E-21
197	0.45392076E-22	-0.12528548E-21
198	0.32909904E-22	-0.12179595E-21
199	0.21432999E-22	-0.10630312E-21
200	0.11849061E-22	-0.84816841E-22
201	0.45186611E-23	-0.61859639E-22
202	-0.57606050E-24	-0.40498241E-22
203	-0.36938223E-23	-0.22521898E-22
204	-0.52188702E-23	-0.86984568E-23
205	-0.55727935E-23	0.94658812E-24
206	-0.51537127E-23	0.68668243E-23
207	-0.42999550E-23	0.97712698E-23
208	-0.32735961E-23	0.10451601E-22
209	-0.22586366E-23	0.96618816E-23
210	-0.13687622E-23	0.80458882E-23
211	-0.66034205E-24	0.61034007E-23
212	-0.14726623E-24	0.41853899E-23
213	0.18476489E-24	0.25082485E-23
214	0.36596364E-24	0.11785123E-23
215	0.43288683E-24	0.22136053E-24
216	0.42170063E-24	-0.39184555E-24
217	0.36402307E-24	-0.71989099E-24
218	0.28487730E-24	-0.83328965E-24
219	0.20220896E-24	-0.80137367E-24
220	0.12743825E-24	-0.68438762E-24
221	0.66589179E-25	-0.52966961E-24
222	0.21641186E-25	-0.37084571E-24
223	-0.81459248E-26	-0.22900065E-24
224	-0.25084866E-25	-0.11493324E-24
225	-0.32164001E-25	-0.31808662E-25
226	-0.32414797E-25	0.22269933E-25
227	-0.28519735E-25	0.52056919E-25

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.22616248E-25	0.63458874E-25
229	-0.16245051E-25	0.62348084E-25
230	-0.10393130E-25	0.53842321E-25
231	-0.55891269E-26	0.41960344E-25
232	-0.20186671E-26	0.29550199E-25
233	0.36268224E-27	0.18393135E-25
234	0.17321329E-26	0.94012552E-26
235	0.23241953E-26	0.28472349E-26
236	0.23779496E-26	-0.14156905E-26
237	0.21047570E-26	-0.37676174E-26
238	0.16724075E-26	-0.46801057E-26
239	0.12011830E-26	-0.46191831E-26
240	0.76758439E-27	-0.39878525E-26
241	0.41217135E-27	-0.30997557E-26
242	0.14885708E-27	-0.21749434E-26
243	-0.26126112E-28	-0.13493939E-26
244	-0.12660801E-27	-0.69143389E-27
245	-0.17063026E-27	-0.21999476E-27
246	-0.17636699E-27	0.78643881E-28
247	-0.15956163E-27	0.23747775E-27
248	-0.13210010E-27	0.29945153E-27
249	-0.10131929E-27	0.31198652E-27

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27238240E-02	-0.69566845E-03
2	0.26542572E-02	-0.69566845E-03
3	0.25846902E-02	-0.69566845E-03
4	0.25151235E-02	-0.69566845E-03
5	0.24455567E-02	-0.69566845E-03
6	0.23759897E-02	-0.69566845E-03
7	0.23064229E-02	-0.69566845E-03
8	0.22368561E-02	-0.69566845E-03
9	0.21672891E-02	-0.69566845E-03
10	0.20977224E-02	-0.69566845E-03
11	0.20281556E-02	-0.69566845E-03
12	0.19585886E-02	-0.69566845E-03
13	0.18890218E-02	-0.69566839E-03
14	0.18194551E-02	-0.69566839E-03
15	0.17498882E-02	-0.69566834E-03
16	0.16803213E-02	-0.69566828E-03
17	0.16107545E-02	-0.69566822E-03
18	0.15411878E-02	-0.69566816E-03
19	0.14716209E-02	-0.69566810E-03
20	0.14020541E-02	-0.69566810E-03
21	0.13324873E-02	-0.69566804E-03
22	0.12629204E-02	-0.69566804E-03
23	0.11933537E-02	-0.69566804E-03
24	0.11237869E-02	-0.69566810E-03
25	0.10542200E-02	-0.69566810E-03
26	0.98465476E-03	-0.69562194E-03
27	0.91510219E-03	-0.69538027E-03
28	0.84559398E-03	-0.69468049E-03
29	0.77619386E-03	-0.69314666E-03
30	0.70700876E-03	-0.69028937E-03
31	0.63820020E-03	-0.68550580E-03
32	0.56999567E-03	-0.67807984E-03
33	0.50269999E-03	-0.66718186E-03
34	0.43670647E-03	-0.65186893E-03
35	0.37250857E-03	-0.63108472E-03
36	0.31071089E-03	-0.60365949E-03
37	0.25204080E-03	-0.56831015E-03
38	0.19735956E-03	-0.52364013E-03
39	0.14767380E-03	-0.46813954E-03
40	0.10414678E-03	-0.40018506E-03
41	0.67896704E-04	-0.32443297E-03
42	0.39217452E-04	-0.24996290E-03
43	0.17672959E-04	-0.18242774E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.24013671E-05	-0.12480871E-03
45	-0.76518809E-05	-0.78082645E-04
46	-0.13567734E-04	-0.41933738E-04
47	-0.16357795E-04	-0.15359839E-04
48	-0.16913596E-04	0.29972193E-05
49	-0.15982263E-04	0.14636914E-04
50	-0.14160707E-04	0.21041797E-04
51	-0.11903115E-04	0.23570354E-04
52	-0.95366922E-05	0.23397228E-04
53	-0.72815174E-05	0.21488670E-04
54	-0.52715404E-05	0.18602645E-04
55	-0.35747125E-05	0.15304895E-04
56	-0.22109964E-05	0.11994101E-04
57	-0.11676352E-05	0.89310161E-05
58	-0.41146066E-06	0.62679078E-05
59	0.10152049E-06	0.40720242E-05
60	0.41865422E-06	0.23474431E-05
61	0.58556117E-06	0.10594246E-05
62	0.64325485E-06	0.15287806E-06
63	0.62669113E-06	-0.43703901E-06
64	0.56416752E-06	-0.77734234E-06
65	0.47744834E-06	-0.93087573E-06
66	0.38238574E-06	-0.95260827E-06
67	0.28980745E-06	-0.88791677E-06
68	0.20650070E-06	-0.77227583E-06
69	0.13617750E-06	-0.63187827E-06
70	0.80347448E-07	-0.48480882E-06
71	0.39057241E-07	-0.34249456E-06
72	0.11280371E-07	-0.21722521E-06
73	-0.52983262E-08	-0.11927162E-06
74	-0.13523094E-07	-0.49792252E-07
75	-0.16089928E-07	-0.53074158E-08
76	-0.15241314E-07	0.19475305E-07
77	-0.12664935E-07	0.30155981E-07
78	-0.95139141E-08	0.31722767E-07
79	-0.64920296E-08	0.28140118E-07
80	-0.39621697E-08	0.22269091E-07
81	-0.20522011E-08	0.15978374E-07
82	-0.74464934E-09	0.10343028E-07
83	0.54814597E-10	0.58599845E-08
84	0.46920201E-09	0.26325757E-08
85	0.61906913E-09	0.53734894E-09
86	0.60693567E-09	-0.64996181E-09
87	0.51091859E-09	-0.11820189E-08
88	0.38469442E-09	-0.12892010E-08
89	0.26108829E-09	-0.11560854E-08

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.15705090E-09	-0.91576252E-09
91	0.78636896E-10	-0.65440658E-09
92	0.25251577E-10	-0.42059084E-09
93	-0.71083647E-11	-0.23558783E-09
94	-0.23611297E-10	-0.10294410E-09
95	-0.29251188E-10	-0.16920434E-10
96	-0.28234453E-10	0.31931163E-10
97	-0.23761517E-10	0.53885899E-10
98	-0.18044026E-10	0.58238039E-10
99	-0.12451572E-10	0.52460300E-10
100	-0.77079263E-11	0.42003762E-10
101	-0.40866633E-11	0.30471920E-10
102	-0.15791097E-11	0.19973061E-10
103	-0.23879790E-13	0.11519338E-10
104	0.80143059E-12	0.53657937E-11
105	0.11195407E-11	0.13200983E-11
106	0.11224978E-11	-0.10141689E-11
107	0.95835254E-12	-0.20990659E-11
108	0.73003555E-12	-0.23634369E-11
109	0.50141727E-12	-0.21552434E-11
110	0.30627933E-12	-0.17282761E-11
111	0.15750588E-12	-0.12489940E-11
112	0.55038287E-13	-0.81297908E-12
113	-0.79870853E-14	-0.46387861E-12
114	-0.40942307E-13	-0.21092427E-12
115	-0.53067722E-13	-0.44843425E-13
116	-0.52246683E-13	0.51166706E-13
117	-0.44542583E-13	0.95930791E-13
118	-0.34192023E-13	0.10674986E-12
119	-0.23854986E-13	0.97697695E-13
120	-0.14968998E-13	0.79150153E-13
121	-0.81101414E-14	0.58047005E-13
122	-0.33072723E-14	0.38513619E-13
123	-0.28706484E-15	0.22590824E-13
124	0.13509683E-14	0.10870307E-13
125	0.20176748E-14	0.30701425E-14
126	0.20724023E-14	-0.15078627E-14
127	0.17954140E-14	-0.37065205E-14
128	0.13838405E-14	-0.43229059E-14
129	0.96173444E-15	-0.40122413E-14
130	0.59618033E-15	-0.32579335E-14
131	0.31423448E-15	-0.23810246E-14
132	0.11780812E-15	-0.15691338E-14
133	-0.47236045E-17	-0.91118235E-15
134	-0.70299572E-16	-0.42936751E-15
135	-0.95984993E-16	-0.10918924E-15

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.96535081E-16	0.79059144E-16
137	-0.83423832E-16	0.16978757E-15
138	-0.64755828E-16	0.19516829E-15
139	-0.45686016E-16	0.18167374E-15
140	-0.29059752E-16	0.14901908E-15
141	-0.16076477E-16	0.11053611E-15
142	-0.68788298E-17	0.74264097E-16
143	-0.10135911E-17	0.44294089E-16
144	0.22345709E-17	0.21961559E-16
145	0.36219303E-17	0.69253133E-17
146	0.38222192E-17	-0.20333568E-17
147	0.33661613E-17	-0.64649542E-17
148	0.26305719E-17	-0.78562513E-17
149	0.18547997E-17	-0.74508864E-17
150	0.11694653E-17	-0.61733999E-17
151	0.62903156E-18	-0.46285598E-17
152	0.24099015E-18	-0.31666151E-17
153	-0.12738744E-19	-0.19580887E-17
154	-0.16063965E-18	-0.10499238E-17
155	-0.23237098E-18	-0.43118312E-18
156	-0.25485794E-18	-0.51892300E-19
157	-0.24839619E-18	0.15799597E-18
158	-0.22684986E-18	0.26015065E-18
159	-0.19819121E-18	0.30755108E-18
160	-0.16632621E-18	0.32535472E-18
161	-0.13389331E-18	0.31996677E-18
162	-0.10290091E-18	0.29753700E-18
163	-0.74765928E-19	0.26370686E-18
164	-0.50374844E-19	0.22341748E-18
165	-0.30160533E-19	0.18078501E-18
166	-0.14188096E-19	0.13904494E-18
167	-0.22430711E-20	0.10055913E-18
168	0.60838132E-20	0.66875840E-19
169	0.11319983E-19	0.38829134E-19
170	0.14045656E-19	0.16662888E-19
171	0.14841522E-19	0.16548325E-21
172	0.14249915E-19	-0.11197064E-19
173	0.12748797E-19	-0.18158973E-19
174	0.10737152E-19	-0.21549903E-19
175	0.85298146E-20	-0.22210898E-19
176	0.63596360E-20	-0.20931991E-19
177	0.43848404E-20	-0.18410355E-19
178	0.26996340E-20	-0.15226639E-19
179	0.13464009E-20	-0.11836275E-19
180	0.32816452E-21	-0.85723457E-20
181	-0.37967388E-21	-0.56565866E-20

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.81897494E-21	-0.32154914E-20
183	-0.10402556E-20	-0.12988997E-20
184	-0.10959786E-20	0.10098171E-21
185	-0.10356991E-20	0.10316685E-20
186	-0.90290258E-21	0.15646230E-20
187	-0.73328668E-21	0.17822111E-20
188	-0.55419975E-21	0.17676183E-20
189	-0.38494145E-21	0.15976729E-20
190	-0.23764560E-21	0.13383145E-20
191	-0.11849988E-21	0.10423156E-20
192	-0.29099880E-22	0.74879445E-21
193	0.32217950E-22	0.48404177E-21
194	0.69172468E-22	0.26320896E-21
195	0.86529238E-22	0.92460904E-22
196	0.89316523E-22	-0.28730917E-22
197	0.82267161E-22	-0.10539955E-21
198	0.69466795E-22	-0.14516274E-21
199	0.54176626E-22	-0.15666554E-21
200	0.38792024E-22	-0.14841831E-21
201	0.24898085E-22	-0.12801738E-21
202	0.13385655E-22	-0.10170324E-21
203	0.45972928E-23	-0.74193390E-22
204	-0.15208772E-23	-0.48719166E-22
205	-0.52783216E-23	-0.27198387E-22
206	-0.71207358E-23	-0.10483038E-22
207	-0.75371045E-23	0.13670478E-23
208	-0.69938767E-23	0.88206253E-23
209	-0.58939431E-23	0.12645301E-22
210	-0.45563438E-23	0.13724151E-22
211	-0.32117991E-23	0.12922414E-22
212	-0.20091656E-23	0.11001533E-22
213	-0.10283901E-23	0.85737205E-23
214	-0.29634521E-24	0.60881969E-23
215	0.19715337E-24	0.38397970E-23
216	0.48494657E-24	0.19913681E-23
217	0.61075460E-24	0.60276684E-24
218	0.62039448E-24	-0.33899919E-24
219	0.55590653E-24	-0.89221154E-24
220	0.45221234E-24	-0.11376183E-23
221	0.33577608E-24	-0.11612299E-23
222	0.22470496E-24	-0.10426834E-23
223	0.12976025E-24	-0.84851082E-24
224	0.55836419E-25	-0.62932932E-24
225	0.35703321E-26	-0.41986949E-24
226	-0.29151119E-25	-0.24081877E-24
227	-0.45921550E-25	-0.10161189E-24

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.50843441E-25	-0.35033409E-26
229	-0.47857778E-25	0.57538411E-25
230	-0.40342193E-25	0.88387076E-25
231	-0.30925341E-25	0.96886411E-25
232	-0.21459118E-25	0.90559568E-25
233	-0.13093262E-25	0.75837655E-25
234	-0.64052305E-26	0.57706420E-25
235	-0.15492298E-26	0.39657637E-25
236	0.16005764E-26	0.23837246E-25
237	0.33276148E-26	0.11298722E-25
238	0.39780360E-26	0.22916515E-26
239	0.38943713E-26	-0.34626372E-26
240	0.33748448E-26	-0.65368420E-26
241	0.26534544E-26	-0.76174982E-26
242	0.18952861E-26	-0.73799217E-26
243	0.12018153E-26	-0.64119882E-26
244	0.62180593E-27	-0.51765303E-26
245	0.16451613E-27	-0.40008668E-26
246	-0.18694873E-27	-0.30826423E-26
247	-0.46329516E-27	-0.25029016E-26
248	-0.69808181E-27	-0.22397444E-26
249	-0.91797554E-27	-0.21785338E-26

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27530591E-02	-0.74007921E-03
2	0.26790525E-02	-0.74003945E-03
3	0.26050564E-02	-0.73984754E-03
4	0.25310926E-02	-0.73936582E-03
5	0.24571968E-02	-0.73847227E-03
6	0.23834161E-02	-0.73704694E-03
7	0.23098101E-02	-0.73494518E-03
8	0.22364554E-02	-0.73198898E-03
9	0.21634474E-02	-0.72797766E-03
10	0.20909021E-02	-0.72270288E-03
11	0.20189581E-02	-0.71589061E-03
12	0.19477884E-02	-0.70714153E-03
13	0.18776109E-02	-0.69595705E-03
14	0.18086967E-02	-0.68178342E-03
15	0.17413723E-02	-0.66406792E-03
16	0.16760172E-02	-0.64233004E-03
17	0.16130510E-02	-0.61625009E-03
18	0.15529154E-02	-0.58572082E-03
19	0.14960552E-02	-0.55074226E-03
20	0.14429153E-02	-0.51131431E-03
21	0.13939406E-02	-0.46743703E-03
22	0.13495762E-02	-0.41911044E-03
23	0.13102669E-02	-0.36633451E-03
24	0.12764576E-02	-0.30910922E-03
25	0.12485933E-02	-0.24743460E-03
26	0.12271205E-02	-0.18126440E-03
27	0.12124953E-02	-0.11044937E-03
28	0.12051943E-02	-0.34726912E-04
29	0.12057261E-02	0.46278983E-04
30	0.12146424E-02	0.13305769E-03
31	0.12325500E-02	0.22621203E-03
32	0.12601212E-02	0.32645813E-03
33	0.12981057E-02	0.43462557E-03
34	0.13473418E-02	0.55165734E-03
35	0.14087679E-02	0.67860971E-03
36	0.14826803E-02	0.79405628E-03
37	0.15664852E-02	0.87668392E-03
38	0.16569697E-02	0.92788914E-03
39	0.17510660E-02	0.94918191E-03
40	0.18458631E-02	0.94218540E-03
41	0.19386179E-02	0.90863643E-03
42	0.20267670E-02	0.85038500E-03
43	0.21079369E-02	0.76939462E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21799570E-02	0.66774210E-03
45	0.22408697E-02	0.54761773E-03
46	0.22889418E-02	0.41132513E-03
47	0.23226764E-02	0.26128136E-03
48	0.23408239E-02	0.10001133E-03
49	0.23423922E-02	-0.69849630E-04
50	0.23266592E-02	-0.24554841E-03
51	0.22931837E-02	-0.42421522E-03
52	0.22418168E-02	-0.60286466E-03
53	0.21727146E-02	-0.77839644E-03
54	0.20863486E-02	-0.94759604E-03
55	0.19835173E-02	-0.11071352E-02
56	0.18653582E-02	-0.12535723E-02
57	0.17333581E-02	-0.13833524E-02
58	0.15893653E-02	-0.14928080E-02
59	0.14356001E-02	-0.15781581E-02
60	0.12746670E-02	-0.16355092E-02
61	0.11095651E-02	-0.16608549E-02
62	0.94370008E-03	-0.16500758E-02
63	0.78089518E-03	-0.15989392E-02
64	0.62540238E-03	-0.15030999E-02
65	0.48191391E-03	-0.13580989E-02
66	0.35511886E-03	-0.11730089E-02
67	0.24792025E-03	-0.96967496E-03
68	0.16117553E-03	-0.76659117E-03
69	0.94154806E-04	-0.57692413E-03
70	0.45069541E-04	-0.40889217E-03
71	0.11505812E-04	-0.26697712E-03
72	-0.92985838E-05	-0.15424317E-03
73	-0.20337879E-04	-0.71360897E-04
74	-0.24461066E-04	-0.15187704E-04
75	-0.24103547E-04	0.19141702E-04
76	-0.21184453E-04	0.36919311E-04
77	-0.17106902E-04	0.43080334E-04
78	-0.12816510E-04	0.41797619E-04
79	-0.88867992E-05	0.36332302E-04
80	-0.56106228E-05	0.29049790E-04
81	-0.30847493E-05	0.21530048E-04
82	-0.12809357E-05	0.14720630E-04
83	-0.10109126E-06	0.90971707E-05
84	0.58297553E-06	0.48080251E-05
85	0.90286875E-06	0.17895306E-05
86	0.97705083E-06	-0.14388864E-06
87	0.90239945E-06	-0.12280551E-05
88	0.75187745E-06	-0.16990924E-05
89	0.57609105E-06	-0.17648277E-05

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.40686106E-06	-0.15920881E-05
91	0.26150661E-06	-0.13043528E-05
92	0.14702512E-06	-0.98557882E-06
93	0.63715042E-07	-0.68707931E-06
94	0.80513312E-08	-0.43531745E-06
95	-0.25218917E-07	-0.23966965E-06
96	-0.41713029E-07	-0.98934869E-07
97	-0.46600576E-07	-0.60406684E-08
98	-0.44196835E-07	0.48583392E-07
99	-0.37829800E-07	0.74830382E-07
100	-0.29878766E-07	0.81637225E-07
101	-0.21904473E-07	0.76380523E-07
102	-0.14816733E-07	0.64701617E-07
103	-0.90448804E-08	0.50600775E-07
104	-0.46906674E-08	0.36677246E-07
105	-0.16536504E-08	0.24427150E-07
106	0.27365882E-09	0.14543943E-07
107	0.13389191E-08	0.71741626E-08
108	0.17855685E-08	0.21166946E-08
109	0.18263715E-08	-0.10173700E-08
110	0.16311003E-08	-0.26812581E-08
111	0.13246498E-08	-0.33092469E-08
112	0.99140629E-09	-0.32725762E-08
113	0.68259381E-09	-0.28621288E-08
114	0.42443185E-09	-0.22881408E-08
115	0.22578278E-09	-0.16896385E-08
116	0.84599452E-10	-0.11482774E-08
117	-0.70790531E-11	-0.70310724E-09
118	-0.59582825E-10	-0.36476194E-09
119	-0.83384182E-10	-0.12699890E-09
120	-0.87828030E-10	0.25401294E-10
121	-0.80529118E-10	0.11104562E-09
122	-0.67232768E-10	0.14827409E-09
123	-0.51951637E-10	0.15318251E-09
124	-0.37240853E-10	0.13875340E-09
125	-0.24521699E-10	0.11470202E-09
126	-0.14396945E-10	0.87755754E-10
127	-0.69257430E-11	0.62153650E-10
128	-0.18439950E-11	0.40218121E-10
129	0.12723089E-11	0.22915423E-10
130	0.28956588E-11	0.10309802E-10
131	0.34739477E-11	0.18945331E-11
132	0.33877328E-11	-0.31257074E-11
133	0.29332480E-11	-0.56126904E-11
134	0.23231755E-11	-0.63602552E-11
135	0.16971731E-11	-0.60285362E-11

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11366143E-11	-0.51224307E-11
137	0.67997051E-12	-0.39978186E-11
138	0.33672969E-12	-0.28828339E-11
139	0.98826803E-13	-0.19051562E-11
140	-0.50729549E-13	-0.11203185E-11
141	-0.13196387E-12	-0.53729021E-12
142	-0.16430962E-12	-0.13792284E-12
143	-0.16461184E-12	0.10954264E-12
144	-0.14627058E-12	0.24092352E-12
145	-0.11916785E-12	0.29008282E-12
146	-0.90030976E-13	0.28593331E-12
147	-0.62998597E-13	0.25126166E-12
148	-0.40240428E-13	0.20273643E-12
149	-0.22538259E-13	0.15160270E-12
150	-0.97789030E-14	0.10469848E-12
151	-0.13402440E-14	0.65543809E-13
152	0.36295866E-14	0.35380969E-13
153	0.60270972E-14	0.13952554E-13
154	0.66717753E-14	0.74473651E-16
155	0.62407562E-14	-0.78406757E-14
156	0.52483495E-14	-0.11414544E-13
157	0.40544608E-14	-0.12090013E-13
158	0.28880160E-14	-0.11035404E-13
159	0.18759857E-14	-0.91226245E-14
160	0.10721524E-14	-0.69500061E-14
161	0.48230262E-15	-0.48878456E-14
162	0.84392559E-16	-0.31314082E-14
163	-0.15663177E-15	-0.17545540E-14
164	-0.27911514E-15	-0.75560712E-15
165	-0.31886383E-15	-0.89979384E-16
166	-0.30607570E-15	0.30670814E-15
167	-0.26421766E-15	0.50253168E-15
168	-0.21019394E-15	0.55961815E-15
169	-0.15519528E-15	0.52966728E-15
170	-0.10583459E-15	0.45249310E-15
171	-0.65323227E-16	0.35652194E-15
172	-0.34535532E-16	0.26039090E-15
173	-0.12888062E-16	0.17496949E-15
174	0.98833980E-18	0.10544731E-15
175	0.87768173E-17	0.53187634E-16
176	0.12163066E-16	0.17043952E-16
177	0.12635999E-16	-0.55879888E-17
178	0.11392105E-16	-0.17820850E-16
179	0.93181334E-17	-0.22664568E-16
180	0.70186258E-17	-0.22725254E-16
181	0.48637968E-17	-0.20064533E-16

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.30467895E-17	-0.16171699E-16
183	0.16374597E-17	-0.12038779E-16
184	0.62710160E-18	-0.82638172E-17
185	-0.36857821E-19	-0.51354739E-17
186	-0.42429136E-18	-0.27360765E-17
187	-0.60704526E-18	-0.10258426E-17
188	-0.64890535E-18	0.10102705E-18
189	-0.60274526E-18	0.75073403E-18
190	-0.51110839E-18	0.10299459E-17
191	-0.40490907E-18	0.10645675E-17
192	-0.30245293E-18	0.97144774E-18
193	-0.21222935E-18	0.83003320E-18
194	-0.13666102E-18	0.68217678E-18
195	-0.75560719E-19	0.54131852E-18
196	-0.28044208E-19	0.41105340E-18
197	0.71008843E-20	0.29431603E-18
198	0.31340258E-19	0.19321640E-18
199	0.46305199E-19	0.10894780E-18
200	0.53699770E-19	0.41777704E-19
201	0.55211049E-19	-0.88830983E-20
202	0.52429725E-19	-0.44346662E-19
203	0.46786386E-19	-0.66470237E-19
204	0.39506876E-19	-0.77457781E-19
205	0.31587578E-19	-0.79662799E-19
206	0.23789551E-19	-0.75410799E-19
207	0.16648894E-19	-0.66854592E-19
208	0.10499595E-19	-0.55869543E-19
209	0.55047779E-20	-0.43990703E-19
210	0.16922190E-20	-0.32388929E-19
211	-0.10094334E-20	-0.21879919E-19
212	-0.27366776E-20	-0.12958294E-19
213	-0.36614714E-20	-0.58480490E-20
214	-0.39670710E-20	-0.56130500E-21
215	-0.38298575E-20	0.30416841E-20
216	-0.34070018E-20	0.51966394E-20
217	-0.28293442E-20	0.61871640E-20
218	-0.21986101E-20	0.63064549E-20
219	-0.15879311E-20	0.58294067E-20
220	-0.10446541E-20	0.49945973E-20
221	-0.59450885E-21	0.39948724E-20
222	-0.24635651E-21	0.29748406E-20
223	0.30799713E-23	0.20334295E-20
224	0.16492011E-21	0.12297399E-20
225	0.25451460E-21	0.59064937E-21
226	0.28862878E-21	0.11892276E-21
227	0.28342338E-21	-0.19907687E-21

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.25316033E-21	-0.38666864E-21
229	0.20951714E-21	-0.47143549E-21
230	0.16137344E-21	-0.48119642E-21
231	0.11493321E-21	-0.44129677E-21
232	0.74059278E-22	-0.37304114E-21
233	0.40716503E-22	-0.29304007E-21
234	0.15444940E-22	-0.21322872E-21
235	-0.21929797E-23	-0.14132952E-21
236	-0.13225408E-22	-0.81563680E-22
237	-0.18961035E-22	-0.35457430E-22
238	-0.20759566E-22	-0.26313347E-23
239	-0.19877160E-22	0.18499033E-22
240	-0.17375764E-22	0.30149282E-22
241	-0.14082914E-22	0.34731217E-22
242	-0.10588290E-22	0.34550060E-22
243	-0.72646840E-23	0.31615421E-22
244	-0.43031751E-23	0.27541700E-22
245	-0.17548747E-23	0.23512061E-22
246	0.42588401E-24	0.20281832E-22
247	0.23398070E-23	0.18201061E-22
248	0.41034513E-23	0.17240946E-22
249	0.58124538E-23	0.17014564E-22

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27530373E-02	-0.74005954E-03
2	0.26790327E-02	-0.74001949E-03
3	0.26050385E-02	-0.73982624E-03
4	0.25310772E-02	-0.73934125E-03
5	0.24571840E-02	-0.73844159E-03
6	0.23834067E-02	-0.73700672E-03
7	0.23098055E-02	-0.73489134E-03
8	0.22364571E-02	-0.73191710E-03
9	0.21634575E-02	-0.72788325E-03
10	0.20909228E-02	-0.72258181E-03
11	0.20189923E-02	-0.71573944E-03
12	0.19478394E-02	-0.70695818E-03
13	0.18776819E-02	-0.69574168E-03
14	0.18087906E-02	-0.68153907E-03
15	0.17414920E-02	-0.66380185E-03
16	0.16761639E-02	-0.64205483E-03
17	0.16132250E-02	-0.61598496E-03
18	0.15531146E-02	-0.58548455E-03
19	0.14962760E-02	-0.55054616E-03
20	0.14431535E-02	-0.51116373E-03
21	0.13941916E-02	-0.46733281E-03
22	0.13498353E-02	-0.41904990E-03
23	0.13105301E-02	-0.36631271E-03
24	0.12767214E-02	-0.30911987E-03
25	0.12488547E-02	-0.24747074E-03
26	0.12273772E-02	-0.18131922E-03
27	0.12127458E-02	-0.11051688E-03
28	0.12054376E-02	-0.34802488E-04
29	0.12059616E-02	0.46199089E-04
30	0.12148700E-02	0.13297725E-03
31	0.12327697E-02	0.22613478E-03
32	0.12603335E-02	0.32638785E-03
33	0.12983114E-02	0.43456603E-03
34	0.13475423E-02	0.55161223E-03
35	0.14089646E-02	0.67858287E-03
36	0.14828753E-02	0.79404714E-03
37	0.15666800E-02	0.87668764E-03
38	0.16571652E-02	0.92790095E-03
39	0.17512629E-02	0.94919692E-03
40	0.18460614E-02	0.94219885E-03
41	0.19388174E-02	0.90864341E-03
42	0.20269665E-02	0.85038081E-03
43	0.21081355E-02	0.76937431E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21801526E-02	0.66770095E-03
45	0.22410597E-02	0.54755085E-03
46	0.22891236E-02	0.41122775E-03
47	0.23228468E-02	0.26114861E-03
48	0.23409792E-02	0.99843892E-04
49	0.23425296E-02	-0.70042610E-04
50	0.23267765E-02	-0.24575370E-03
51	0.22932803E-02	-0.42441877E-03
52	0.22418937E-02	-0.60305506E-03
53	0.21727735E-02	-0.77856664E-03
54	0.20863917E-02	-0.94774237E-03
55	0.19835471E-02	-0.11072565E-02
56	0.18653770E-02	-0.12536693E-02
57	0.17333684E-02	-0.13834269E-02
58	0.15893690E-02	-0.14928625E-02
59	0.14355993E-02	-0.15781957E-02
60	0.12746630E-02	-0.16355329E-02
61	0.11095594E-02	-0.16608676E-02
62	0.94369362E-03	-0.16500801E-02
63	0.78088860E-03	-0.15989376E-02
64	0.62539615E-03	-0.15030941E-02
65	0.48190841E-03	-0.13580909E-02
66	0.35511423E-03	-0.11729999E-02
67	0.24791656E-03	-0.96966577E-03
68	0.16117272E-03	-0.76658261E-03
69	0.94152791E-04	-0.57691662E-03
70	0.45068206E-04	-0.40888603E-03
71	0.11505013E-04	-0.26697249E-03
72	-0.92989949E-05	-0.15424004E-03
73	-0.20338044E-04	-0.71359063E-04
74	-0.24461102E-04	-0.15186913E-04
75	-0.24103543E-04	0.19141740E-04
76	-0.21184471E-04	0.36918889E-04
77	-0.17106975E-04	0.43079745E-04
78	-0.12816636E-04	0.41797168E-04
79	-0.88869547E-05	0.36332156E-04
80	-0.56107792E-05	0.29049896E-04
81	-0.30848873E-05	0.21530295E-04
82	-0.12810459E-05	0.14720926E-04
83	-0.10117206E-06	0.90974563E-05
84	0.58292136E-06	0.48082688E-05
85	0.90283635E-06	0.17897207E-05
86	0.97703469E-06	-0.14375240E-06
87	0.90239456E-06	-0.12279660E-05
88	0.75187944E-06	-0.16990410E-05
89	0.57609674E-06	-0.17648040E-05

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.40686811E-06	-0.15920830E-05
91	0.26151358E-06	-0.13043589E-05
92	0.14703114E-06	-0.98559042E-06
93	0.63719796E-07	-0.68709267E-06
94	0.80547684E-08	-0.43533009E-06
95	-0.25216650E-07	-0.23968028E-06
96	-0.41711708E-07	-0.98943076E-07
97	-0.46599954E-07	-0.60464962E-08
98	-0.44196689E-07	0.48579615E-07
99	-0.37829945E-07	0.74828222E-07
100	-0.29879065E-07	0.81636252E-07
101	-0.21904828E-07	0.76380353E-07
102	-0.14817078E-07	0.64701929E-07
103	-0.90451806E-08	0.50601333E-07
104	-0.46909063E-08	0.36677886E-07
105	-0.16538259E-08	0.24427766E-07
106	0.27354100E-09	0.14544471E-07
107	0.13388484E-08	0.71745752E-08
108	0.17855331E-08	0.21169908E-08
109	0.18263605E-08	-0.10171756E-08
110	0.16311046E-08	-0.26811451E-08
111	0.13246622E-08	-0.33091936E-08
112	0.99142172E-09	-0.32725636E-08
113	0.68260925E-09	-0.28621407E-08
114	0.42444537E-09	-0.22881654E-08
115	0.22579356E-09	-0.16896674E-08
116	0.84607363E-10	-0.11483052E-08
117	-0.70737431E-11	-0.70313111E-09
118	-0.59579647E-10	-0.36478059E-09
119	-0.83382606E-10	-0.12701236E-09
120	-0.87827565E-10	0.25392419E-10
121	-0.80529347E-10	0.11104041E-09
122	-0.67233379E-10	0.14827158E-09
123	-0.51952394E-10	0.15318187E-09
124	-0.37241613E-10	0.13875391E-09
125	-0.24522374E-10	0.11470315E-09
126	-0.14397492E-10	0.87757114E-10
127	-0.69261532E-11	0.62154996E-10
128	-0.18442780E-11	0.40219300E-10
129	0.12721325E-11	0.22916368E-10
130	0.28955642E-11	0.10310497E-10
131	0.34739113E-11	0.18950033E-11
132	0.33877339E-11	-0.31254222E-11
133	0.29332702E-11	-0.56125447E-11
134	0.23232069E-11	-0.63602066E-11
135	0.16972063E-11	-0.60285488E-11

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11366444E-11	-0.51224767E-11
137	0.67999518E-12	-0.39978780E-11
138	0.33674829E-12	-0.28828942E-11
139	0.98839678E-13	-0.19052095E-11
140	-0.50721502E-13	-0.11203614E-11
141	-0.13195956E-12	-0.53732203E-12
142	-0.16430797E-12	-0.13794453E-12
143	-0.16461192E-12	0.10952932E-12
144	-0.14627167E-12	0.24091655E-12
145	-0.11916939E-12	0.29008035E-12
146	-0.90032609E-13	0.28593371E-12
147	-0.63000102E-13	0.25126369E-12
148	-0.40241685E-13	0.20273919E-12
149	-0.22539230E-13	0.15160556E-12
150	-0.97795993E-14	0.10470109E-12
151	-0.13407008E-14	0.65545971E-13
152	0.36293210E-14	0.35382626E-13
153	0.60269732E-14	0.13953728E-13
154	0.66717473E-14	0.75241209E-16
155	0.62407884E-14	-0.78402276E-14
156	0.52484143E-14	-0.11414322E-13
157	0.40545400E-14	-0.12089936E-13
158	0.28880982E-14	-0.11035415E-13
159	0.18760641E-14	-0.91226854E-14
160	0.10722230E-14	-0.69500942E-14
161	0.48236351E-15	-0.48879502E-14
162	0.84442514E-16	-0.31315198E-14
163	-0.15659298E-15	-0.17546652E-14
164	-0.27908751E-15	-0.75571973E-15
165	-0.31884750E-15	-0.90091424E-16
166	-0.30607011E-15	0.30660679E-15
167	-0.26422139E-15	0.50244777E-15
168	-0.21020498E-15	0.55955632E-15
169	-0.15521173E-15	0.52961656E-15
170	-0.10585643E-15	0.45243397E-15
171	-0.65351590E-16	0.35645187E-15
172	-0.34571008E-16	0.26032118E-15
173	-0.12929985E-16	0.17491154E-15
174	0.94147371E-18	0.10540710E-15
175	0.87269250E-17	0.53167381E-16
176	0.12112123E-16	0.17042859E-16
177	0.12585801E-16	-0.55725330E-17
178	0.11344135E-16	-0.17792351E-16
179	0.92735070E-17	-0.22626902E-16
180	0.69780485E-17	-0.22682654E-16
181	0.48275439E-17	-0.20021364E-16

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.30147131E-17	-0.16131956E-16
183	0.16090468E-17	-0.12005732E-16
184	0.60155924E-18	-0.82397322E-17
185	-0.60483711E-19	-0.51212563E-17
186	-0.44697133E-18	-0.27311593E-17
187	-0.62962476E-18	-0.10283384E-17
188	-0.67198933E-18	0.93972267E-19
189	-0.62662333E-18	0.74249216E-18
190	-0.53572647E-18	0.10239457E-17
191	-0.42988496E-18	0.10638768E-17
192	-0.32713029E-18	0.97843266E-18
193	-0.23576095E-18	0.84611323E-18
194	-0.15811113E-18	0.70768941E-18
195	-0.94015164E-19	0.57550269E-18
196	-0.42715852E-19	0.45215807E-18
197	-0.32164882E-20	0.33982531E-18
198	0.25671442E-19	0.24015948E-18
199	0.45273889E-19	0.15424812E-18
200	0.56996221E-19	0.82591554E-19
201	0.62264954E-19	0.25117662E-19
202	0.62472628E-19	-0.18770134E-19
203	0.58928980E-19	-0.50116363E-19
204	0.52820910E-19	-0.70315897E-19
205	0.45182854E-19	-0.81003859E-19
206	0.36878455E-19	-0.83942295E-19
207	0.28593346E-19	-0.80912177E-19
208	0.20838153E-19	-0.73618060E-19
209	0.13960174E-19	-0.63610771E-19
210	0.81617378E-20	-0.52231315E-19
211	0.35230741E-20	-0.40576954E-19
212	0.27482368E-22	-0.29488540E-19
213	-0.24131769E-20	-0.19556422E-19
214	-0.39343715E-20	-0.11141384E-19
215	-0.46974496E-20	-0.44062251E-20
216	-0.48717061E-20	0.64624833E-21
217	-0.46203926E-20	0.41329421E-20
218	-0.40907288E-20	0.62512947E-20
219	-0.34076598E-20	0.72438597E-20
220	-0.26708901E-20	0.73684312E-20
221	-0.19545850E-20	0.68746601E-20
222	-0.13090751E-20	0.59873776E-20
223	-0.76390443E-21	0.48962476E-20
224	-0.33163137E-21	0.37509434E-20
225	-0.11876998E-22	0.26608015E-20
226	0.20476639E-21	0.16977836E-20
227	0.33324163E-21	0.90162323E-21

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.39111322E-21	0.28612826E-21
229	0.39630617E-21	-0.15420042E-21
230	0.36549483E-21	-0.43787793E-21
231	0.31308546E-21	-0.59090867E-21
232	0.25070199E-21	-0.64227318E-21
233	0.18706814E-21	-0.62051869E-21
234	0.12817633E-21	-0.55142175E-21
235	0.77641098E-22	-0.45660557E-21
236	0.37149984E-22	-0.35294626E-21
237	0.69420769E-23	-0.25257996E-21
238	-0.13736419E-22	-0.16332599E-21
239	-0.26232755E-22	-0.89361034E-22
240	-0.32162295E-22	-0.32006141E-22
241	-0.33163015E-22	0.94778143E-23
242	-0.30726839E-22	0.37158573E-22
243	-0.26099015E-22	0.53807855E-22
244	-0.20233762E-22	0.62402305E-22
245	-0.13793435E-22	0.65750338E-22
246	-0.71792212E-23	0.66232553E-22
247	-0.58288203E-24	0.65636042E-22
248	0.59486636E-23	0.65059826E-22
249	0.12441935E-22	0.64869149E-22

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27566731E-02	-0.74330199E-03
2	0.26823434E-02	-0.74329454E-03
3	0.26080152E-02	-0.74325845E-03
4	0.25336933E-02	-0.74316782E-03
5	0.24593843E-02	-0.74300013E-03
6	0.23850971E-02	-0.74272102E-03
7	0.23108462E-02	-0.74225501E-03
8	0.22366566E-02	-0.74147282E-03
9	0.21625683E-02	-0.74019586E-03
10	0.20886413E-02	-0.73820370E-03
11	0.20149623E-02	-0.73516631E-03
12	0.19416600E-02	-0.73057250E-03
13	0.18689224E-02	-0.72374282E-03
14	0.17970132E-02	-0.71385875E-03
15	0.17262830E-02	-0.70000347E-03
16	0.16571768E-02	-0.68121793E-03
17	0.15902346E-02	-0.65657607E-03
18	0.15260867E-02	-0.62517996E-03
19	0.14654561E-02	-0.58605924E-03
20	0.14091686E-02	-0.53812913E-03
21	0.13581635E-02	-0.48020016E-03
22	0.13135045E-02	-0.41099024E-03
23	0.12763860E-02	-0.32916816E-03
24	0.12481348E-02	-0.23342906E-03
25	0.12302032E-02	-0.12259925E-03
26	0.12241496E-02	0.42707866E-05
27	0.12316122E-02	0.14778518E-03
28	0.12542732E-02	0.30829717E-03
29	0.12938507E-02	0.48618275E-03
30	0.13521053E-02	0.68193133E-03
31	0.14308525E-02	0.89614565E-03
32	0.15319738E-02	0.11295419E-02
33	0.16574279E-02	0.13829498E-02
34	0.18092622E-02	0.16573120E-02
35	0.19896240E-02	0.19536850E-02
36	0.21995965E-02	0.22379765E-02
37	0.24356840E-02	0.24762074E-02
38	0.26933493E-02	0.26697745E-02
39	0.29682005E-02	0.28201872E-02
40	0.32560022E-02	0.29290693E-02
41	0.35526878E-02	0.29981572E-02
42	0.38543688E-02	0.30293008E-02
43	0.41573485E-02	0.30244642E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.44581317E-02	0.29857235E-02
45	0.47534360E-02	0.29152697E-02
46	0.50402051E-02	0.28154058E-02
47	0.53156177E-02	0.26885492E-02
48	0.55770995E-02	0.25372303E-02
49	0.58223363E-02	0.23640925E-02
50	0.60492828E-02	0.21718936E-02
51	0.62561752E-02	0.19635039E-02
52	0.64415433E-02	0.17419073E-02
53	0.66042198E-02	0.15102014E-02
54	0.67433538E-02	0.12715968E-02
55	0.68584201E-02	0.10294176E-02
56	0.69492324E-02	0.78710145E-03
57	0.70159542E-02	0.54819934E-03
58	0.70591085E-02	0.31637552E-03
59	0.70795910E-02	0.95407704E-04
60	0.70786816E-02	-0.11081299E-03
61	0.70573641E-02	-0.31896462E-03
62	0.70142723E-02	-0.54561190E-03
63	0.69477665E-02	-0.78652345E-03
64	0.68566366E-02	-0.10373547E-02
65	0.67401133E-02	-0.12936476E-02
66	0.65978775E-02	-0.15508307E-02
67	0.64300736E-02	-0.18042190E-02
68	0.62373201E-02	-0.20490144E-02
69	0.60207210E-02	-0.22803054E-02
70	0.57818769E-02	-0.24930667E-02
71	0.55228965E-02	-0.26821601E-02
72	0.52463203E-02	-0.28449879E-02
73	0.49547744E-02	-0.29815503E-02
74	0.46508857E-02	-0.30918473E-02
75	0.43372805E-02	-0.31758787E-02
76	0.40165856E-02	-0.32336446E-02
77	0.36914272E-02	-0.32651452E-02
78	0.33644319E-02	-0.32703802E-02
79	0.30382266E-02	-0.32493495E-02
80	0.27154377E-02	-0.32020535E-02
81	0.23986914E-02	-0.31284920E-02
82	0.20906148E-02	-0.30286650E-02
83	0.17938339E-02	-0.29025725E-02
84	0.15109756E-02	-0.27502144E-02
85	0.12446665E-02	-0.25715909E-02
86	0.99753297E-03	-0.23667021E-02
87	0.77220169E-03	-0.21355476E-02
88	0.57129905E-03	-0.18781275E-02
89	0.39745169E-03	-0.15944421E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.25333234E-03	-0.12831062E-02
91	0.14103523E-03	-0.96562755E-03
92	0.59223621E-04	-0.67764503E-03
93	0.39269380E-05	-0.43704113E-03
94	-0.29936098E-04	-0.24898205E-03
95	-0.47535810E-04	-0.11091314E-03
96	-0.53572239E-04	-0.16449561E-04
97	-0.52012627E-04	0.42406795E-04
98	-0.46002020E-04	0.73928939E-04
99	-0.37881979E-04	0.85796979E-04
100	-0.29278659E-04	0.84583939E-04
101	-0.21225804E-04	0.75552474E-04
102	-0.14296861E-04	0.62660118E-04
103	-0.87296921E-05	0.48690421E-04
104	-0.45345423E-05	0.35447752E-04
105	-0.15812611E-05	0.23971495E-04
106	0.33371228E-06	0.14713904E-04
107	0.14366307E-05	0.77096420E-05
108	0.19438253E-05	0.27509207E-05
109	0.20442212E-05	-0.48560401E-06
110	0.18920280E-05	-0.23624259E-05
111	0.16052062E-05	-0.32351477E-05
112	0.12679371E-05	-0.34197069E-05
113	0.93555172E-06	-0.31756574E-05
114	0.64045747E-06	-0.27020540E-05
115	0.39804712E-06	-0.21412641E-05
116	0.21198386E-06	-0.15870978E-05
117	0.78570039E-07	-0.10946574E-05
118	-0.98627577E-08	-0.68967108E-06
119	-0.62458675E-07	-0.37751965E-06
120	-0.88246139E-07	-0.15175164E-06
121	-0.95280889E-07	-0.14020975E-09
122	-0.90264692E-07	0.91755730E-07
123	-0.78435654E-07	0.13847421E-06
124	-0.63635177E-07	0.15323290E-06
125	-0.48483368E-07	0.14716275E-06
126	-0.34604124E-07	0.12904769E-06
127	-0.22858348E-07	0.10539706E-06
128	-0.13559180E-07	0.80712432E-07
129	-0.66552355E-08	0.57846623E-07
130	-0.18767330E-08	0.38374488E-07
131	0.11528767E-08	0.22898794E-07
132	0.28341385E-08	0.11356481E-07
133	0.35409746E-08	0.33182164E-08
134	0.35947139E-08	-0.18120846E-08
135	0.32540028E-08	-0.46790269E-08

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.27137321E-08	-0.59012568E-08
137	0.21106072E-08	-0.60178169E-08
138	0.15324996E-08	-0.54644547E-08
139	0.10290789E-08	-0.45702131E-08
140	0.62210792E-09	-0.35664427E-08
141	0.31447056E-09	-0.26022671E-08
142	0.97516467E-10	-0.17622318E-08
143	-0.43315625E-10	-0.10823912E-08
144	-0.12440537E-09	-0.56585858E-09
145	-0.16143792E-09	-0.19784310E-09
146	-0.16816253E-09	0.44516248E-10
147	-0.15586242E-09	0.18704294E-09
148	-0.13323553E-09	0.25512201E-09
149	-0.10656468E-09	0.27140126E-09
150	-0.80055775E-10	0.25466576E-09
151	-0.56244731E-10	0.21953420E-09
152	-0.36406250E-10	0.17668315E-09
153	-0.20923509E-10	0.13336987E-09
154	-0.95980003E-11	0.94084802E-10
155	-0.18939507E-11	0.61177681E-10
156	0.28750481E-11	0.35395940E-10
157	0.54127471E-11	0.16439497E-10
158	0.63622029E-11	0.34607063E-11
159	0.62679519E-11	-0.46261822E-11
160	0.55620035E-11	-0.89619588E-11
161	0.45649821E-11	-0.10615083E-10
162	0.34979214E-11	-0.10500173E-10
163	0.24996092E-11	-0.93454073E-11
164	0.16454469E-11	-0.76924283E-11
165	0.96525283E-12	-0.59155736E-11
166	0.45860234E-12	-0.42506133E-11
167	0.10713559E-12	-0.28254901E-11
168	-0.11609706E-12	-0.16884086E-11
169	-0.24003450E-12	-0.83597821E-12
170	-0.29177558E-12	-0.23803401E-12
171	-0.29471757E-12	0.14762265E-12
172	-0.26779582E-12	0.36693614E-12
173	-0.22540631E-12	0.46397033E-12
174	-0.17778995E-12	0.47735839E-12
175	-0.13167009E-12	0.43868259E-12
176	-0.90980920E-13	0.37218235E-12
177	-0.57579782E-13	0.29529732E-12
178	-0.31879745E-13	0.21966363E-12
179	-0.13369329E-13	0.15236174E-12
180	-0.10127852E-14	0.96898197E-13
181	0.64312904E-14	0.54064067E-13

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.10193322E-13	0.23028768E-13
183	0.11376273E-13	0.21703650E-14
184	0.10901168E-13	-0.10474839E-13
185	0.94880141E-14	-0.16918787E-13
186	0.76627403E-14	-0.19002850E-13
187	0.57811443E-14	-0.18275915E-13
188	0.40607873E-14	-0.15952095E-13
189	0.26143265E-14	-0.12920233E-13
190	0.14802469E-14	-0.97831797E-14
191	0.64880813E-15	-0.69126028E-14
192	0.82439182E-16	-0.45006401E-14
193	-0.26853300E-15	-0.26050710E-14
194	-0.45504706E-15	-0.12036630E-14
195	-0.52375361E-15	-0.23689463E-15
196	-0.51434435E-15	0.37232352E-15
197	-0.45849745E-15	0.70528564E-15
198	-0.37995592E-15	0.83818627E-15
199	-0.29533969E-15	0.83670137E-15
200	-0.21533126E-15	0.75374804E-15
201	-0.14597218E-15	0.62933240E-15
202	-0.89904501E-16	0.49172523E-15
203	-0.47437471E-16	0.35980774E-15
204	-0.17379564E-16	0.24479183E-15
205	0.22458562E-17	0.15152478E-15
206	0.13668806E-16	0.80560172E-16
207	0.19038243E-16	0.30006152E-16
208	0.20248333E-16	-0.31990118E-17
209	0.18858323E-16	-0.22607728E-16
210	0.16067426E-16	-0.31797253E-16
211	0.12732964E-16	-0.33964043E-16
212	0.94213217E-17	-0.31729709E-16
213	0.64656142E-17	-0.27137610E-16
214	0.40243015E-17	-0.21630457E-16
215	0.21380766E-17	-0.16166686E-16
216	0.77054397E-18	-0.11315520E-16
217	-0.15326008E-18	-0.73113353E-17
218	-0.72164364E-18	-0.42047679E-17
219	-0.10223064E-17	-0.19409849E-17
220	-0.11341283E-17	-0.40583262E-18
221	-0.11228209E-17	0.54888381E-18
222	-0.10387485E-17	0.10716918E-17
223	-0.91837986E-18	0.12975798E-17
224	-0.78488325E-18	0.13539455E-17
225	-0.65058003E-18	0.13206319E-17
226	-0.52272030E-18	0.12284164E-17
227	-0.40616812E-18	0.10980604E-17

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.30374250E-18	0.94867504E-18
229	-0.21658546E-18	0.79471931E-18
230	-0.14461213E-18	0.64635909E-18
231	-0.86910516E-19	0.51009271E-18
232	-0.42071236E-19	0.38949707E-18
233	-0.84419791E-20	0.28597505E-18
234	0.15689553E-19	0.19942636E-18
235	0.31974017E-19	0.12879934E-18
236	0.41927378E-19	0.72511008E-19
237	0.46893557E-19	0.28742888E-19
238	0.48031221E-19	-0.43672636E-20
239	0.46315591E-19	-0.28612859E-19
240	0.42548594E-19	-0.45660073E-19
241	0.37373073E-19	-0.57022316E-19
242	0.31288575E-19	-0.64051231E-19
243	0.24667720E-19	-0.67933403E-19
244	0.17772861E-19	-0.69686638E-19
245	0.10773267E-19	-0.70153608E-19
246	0.37630546E-20	-0.69993083E-19
247	-0.32199429E-20	-0.69670340E-19
248	-0.10174381E-19	-0.69448630E-19
249	-0.17114874E-19	-0.69383070E-19

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27566731E-02	-0.74330199E-03
2	0.26823434E-02	-0.74329454E-03
3	0.26080152E-02	-0.74325845E-03
4	0.25336933E-02	-0.74316782E-03
5	0.24593843E-02	-0.74300013E-03
6	0.23850971E-02	-0.74272102E-03
7	0.23108462E-02	-0.74225501E-03
8	0.22366566E-02	-0.74147282E-03
9	0.21625683E-02	-0.74019586E-03
10	0.20886413E-02	-0.73820370E-03
11	0.20149623E-02	-0.73516631E-03
12	0.19416600E-02	-0.73057250E-03
13	0.18689224E-02	-0.72374282E-03
14	0.17970132E-02	-0.71385875E-03
15	0.17262830E-02	-0.70000347E-03
16	0.16571768E-02	-0.68121793E-03
17	0.15902346E-02	-0.65657607E-03
18	0.15260867E-02	-0.62517996E-03
19	0.14654561E-02	-0.58605924E-03
20	0.14091686E-02	-0.53812913E-03
21	0.13581635E-02	-0.48020016E-03
22	0.13135045E-02	-0.41099024E-03
23	0.12763860E-02	-0.32916816E-03
24	0.12481348E-02	-0.23342906E-03
25	0.12302032E-02	-0.12259925E-03
26	0.12241496E-02	0.42707866E-05
27	0.12316122E-02	0.14778518E-03
28	0.12542732E-02	0.30829717E-03
29	0.12938507E-02	0.48618275E-03
30	0.13521053E-02	0.68193133E-03
31	0.14308525E-02	0.89614565E-03
32	0.15319738E-02	0.11295419E-02
33	0.16574279E-02	0.13829498E-02
34	0.18092622E-02	0.16573120E-02
35	0.19896240E-02	0.19536850E-02
36	0.21995965E-02	0.22379765E-02
37	0.24356840E-02	0.24762074E-02
38	0.26933493E-02	0.26697745E-02
39	0.29682005E-02	0.28201872E-02
40	0.32560022E-02	0.29290693E-02
41	0.35526878E-02	0.29981572E-02
42	0.38543688E-02	0.30293008E-02
43	0.41573485E-02	0.30244642E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.44581317E-02	0.29857235E-02
45	0.47534360E-02	0.29152697E-02
46	0.50402051E-02	0.28154058E-02
47	0.53156177E-02	0.26885492E-02
48	0.55770995E-02	0.25372303E-02
49	0.58223363E-02	0.23640925E-02
50	0.60492828E-02	0.21718936E-02
51	0.62561752E-02	0.19635039E-02
52	0.64415433E-02	0.17419073E-02
53	0.66042198E-02	0.15102014E-02
54	0.67433538E-02	0.12715968E-02
55	0.68584201E-02	0.10294176E-02
56	0.69492324E-02	0.78710145E-03
57	0.70159542E-02	0.54819934E-03
58	0.70591085E-02	0.31637552E-03
59	0.70795910E-02	0.95407704E-04
60	0.70786816E-02	-0.11081299E-03
61	0.70573641E-02	-0.31896462E-03
62	0.70142723E-02	-0.54561190E-03
63	0.69477665E-02	-0.78652345E-03
64	0.68566366E-02	-0.10373547E-02
65	0.67401133E-02	-0.12936476E-02
66	0.65978775E-02	-0.15508307E-02
67	0.64300736E-02	-0.18042190E-02
68	0.62373201E-02	-0.20490144E-02
69	0.60207210E-02	-0.22803054E-02
70	0.57818769E-02	-0.24930667E-02
71	0.55228965E-02	-0.26821601E-02
72	0.52463203E-02	-0.28449879E-02
73	0.49547744E-02	-0.29815503E-02
74	0.46508857E-02	-0.30918473E-02
75	0.43372805E-02	-0.31758787E-02
76	0.40165856E-02	-0.32336446E-02
77	0.36914272E-02	-0.32651452E-02
78	0.33644319E-02	-0.32703802E-02
79	0.30382266E-02	-0.32493495E-02
80	0.27154377E-02	-0.32020535E-02
81	0.23986914E-02	-0.31284920E-02
82	0.20906148E-02	-0.30286650E-02
83	0.17938339E-02	-0.29025725E-02
84	0.15109758E-02	-0.27502144E-02
85	0.12446665E-02	-0.25715909E-02
86	0.99753309E-03	-0.23667021E-02
87	0.77220169E-03	-0.21355476E-02
88	0.57129905E-03	-0.18781276E-02
89	0.39745169E-03	-0.15944421E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.25333231E-03	-0.12831062E-02
91	0.14103523E-03	-0.96562761E-03
92	0.59223603E-04	-0.67764509E-03
93	0.39269112E-05	-0.43704119E-03
94	-0.29936133E-04	-0.24898211E-03
95	-0.47535847E-04	-0.11091318E-03
96	-0.53572279E-04	-0.16449549E-04
97	-0.52012663E-04	0.42406886E-04
98	-0.46002038E-04	0.73929135E-04
99	-0.37881971E-04	0.85797328E-04
100	-0.29278608E-04	0.84584484E-04
101	-0.21225687E-04	0.75553246E-04
102	-0.14296656E-04	0.62661129E-04
103	-0.87293738E-05	0.48691662E-04
104	-0.45340907E-05	0.35449153E-04
105	-0.15806670E-05	0.23972914E-04
106	0.33443894E-06	0.14715085E-04
107	0.14374481E-05	0.77102004E-05
108	0.19446570E-05	0.27506519E-05
109	0.20449904E-05	-0.48653919E-06
110	0.18926822E-05	-0.23637351E-05
111	0.16057222E-05	-0.32365660E-05
112	0.12683136E-05	-0.34210605E-05
113	0.93580024E-06	-0.31768527E-05
114	0.64059606E-06	-0.27030546E-05
115	0.39809558E-06	-0.21420683E-05
116	0.21196115E-06	-0.15877204E-05
117	0.78493414E-07	-0.10951156E-05
118	-0.99773514E-08	-0.68997213E-06
119	-0.62595099E-07	-0.37765128E-06
120	-0.88387246E-07	-0.15171962E-06
121	-0.95412453E-07	0.90247610E-11
122	-0.90377803E-07	0.91966776E-07
123	-0.78526497E-07	0.13870253E-06
124	-0.63703574E-07	0.15344996E-06
125	-0.48531341E-07	0.14735244E-06
126	-0.34634816E-07	0.12920304E-06
127	-0.22875277E-07	0.10551727E-06
128	-0.13565733E-07	0.80800419E-07
129	-0.66544064E-08	0.57907151E-07
130	-0.18710071E-08	0.38412743E-07
131	0.11615081E-08	0.22919306E-07
132	0.28440692E-08	0.11362322E-07
133	0.35508778E-08	0.33124996E-08
134	0.36036398E-08	-0.18252023E-08
135	0.32614136E-08	-0.46956221E-08

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.27194369E-08	-0.59183951E-08
137	0.21146500E-08	-0.60337051E-08
138	0.15350571E-08	-0.54781801E-08
139	0.10303871E-08	-0.45814597E-08
140	0.62241495E-09	-0.35752430E-08
141	0.31401259E-09	-0.26088027E-08
142	0.96510841E-10	-0.17666695E-08
143	-0.44661729E-10	-0.10847492E-08
144	-0.12588734E-09	-0.56627902E-09
145	-0.16288358E-09	-0.19679024E-09
146	-0.16945280E-09	0.46476278E-10
147	-0.15693333E-09	0.18939270E-09
148	-0.13406849E-09	0.25748179E-09
149	-0.10717133E-09	0.27354038E-09
150	-0.80464843E-10	0.25646640E-09
151	-0.56492526E-10	0.22095804E-09
152	-0.36530112E-10	0.17774338E-09
153	-0.20957850E-10	0.13410874E-09
154	-0.95722414E-11	0.94557751E-10
155	-0.18318242E-11	0.61441019E-10
156	0.29550563E-11	0.35497091E-10
157	0.54965477E-11	0.16421772E-10
158	0.64401184E-11	0.33676820E-11
159	0.63343957E-11	-0.47570598E-11
160	0.56146776E-11	-0.91026648E-11
161	0.46038867E-11	-0.10747549E-10
162	0.35244288E-11	-0.10614600E-10
163	0.25157582E-11	-0.94379045E-11
164	0.16534565E-11	-0.77629543E-11
165	0.96722500E-12	-0.59662726E-11
166	0.45636997E-12	-0.42845501E-11
167	0.10221910E-12	-0.28457037E-11
168	-0.12244939E-12	-0.16972150E-11
169	-0.24679044E-12	-0.83572244E-12
170	-0.29817509E-12	-0.23166573E-12
171	-0.30029354E-12	0.15729203E-12
172	-0.27233535E-12	0.37768925E-12
173	-0.22888110E-12	0.47432457E-12
174	-0.18028714E-12	0.48645896E-12
175	-0.13333766E-12	0.44614234E-12
176	-0.91988178E-13	0.37794044E-12
177	-0.58090780E-13	0.29950231E-12
178	-0.32037087E-13	0.22258310E-12
179	-0.13288107E-13	0.15424555E-12
180	-0.78723311E-15	0.97930263E-13
181	0.67253141E-14	0.54436016E-13

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.10500039E-13	0.22943829E-13
183	0.11659403E-13	0.18113253E-14
184	0.11140909E-13	-0.10963026E-13
185	0.96768932E-14	-0.17434501E-13
186	0.78014352E-14	-0.19483188E-13
187	0.58750658E-14	-0.18687568E-13
188	0.41175614E-14	-0.16282757E-13
189	0.26420726E-14	-0.13171205E-13
190	0.14865290E-14	-0.99633902E-14
191	0.64017263E-15	-0.70322319E-14
192	0.64527321E-16	-0.45677327E-14
193	-0.29090306E-15	-0.26291075E-14
194	-0.47817450E-15	-0.11968919E-14
195	-0.54516883E-15	-0.21129753E-15
196	-0.53268076E-15	0.40689430E-15
197	-0.47323217E-15	0.74181986E-15
198	-0.39113268E-15	0.87226855E-15
199	-0.30333745E-15	0.86594688E-15
200	-0.22068889E-15	0.77725766E-15
201	-0.14926325E-15	0.64724853E-15
202	-0.91650811E-16	0.50489045E-15
203	-0.48068051E-16	0.36904556E-15
204	-0.17258707E-16	0.25069039E-15
205	0.28168478E-17	0.15473984E-15
206	0.14455630E-16	0.81780330E-16
207	0.19875524E-16	0.29899131E-16
208	0.21032209E-16	-0.40795212E-17
209	0.19533265E-16	-0.23848831E-16
210	0.16612334E-16	-0.33121341E-16
211	0.13148151E-16	-0.35219230E-16
212	0.97175623E-17	-0.32844914E-16
213	0.66585500E-17	-0.28089144E-16
214	0.41298766E-17	-0.22429093E-16
215	0.21710387E-17	-0.16819818E-16
216	0.74510915E-18	-0.11834659E-16
217	-0.22496167E-18	-0.77215540E-17
218	-0.83008453E-18	-0.45349329E-17
219	-0.11607217E-17	-0.22115120E-17
220	-0.12967191E-17	-0.61805612E-18
221	-0.13034867E-17	0.40078356E-18
222	-0.12307695E-17	0.99340969E-18
223	-0.11146381E-17	0.12910371E-17
224	-0.97830785E-18	0.14162901E-17
225	-0.83460259E-18	0.14448667E-17
226	-0.69162019E-18	0.14048755E-17
227	-0.55532832E-18	0.13138599E-17

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.43001850E-18	0.11877347E-17
229	-0.31848687E-18	0.10404452E-17
230	-0.22224283E-18	0.88375429E-18
231	-0.14173294E-18	0.72715493E-18
232	-0.76566946E-19	0.57790265E-18
233	-0.25735783E-19	0.44114907E-18
234	0.12188199E-19	0.32015540E-18
235	0.38875279E-19	0.21656114E-18
236	0.56090923E-19	0.13068169E-18
237	0.65578608E-19	0.61811931E-19
238	0.68972439E-19	0.85160999E-20
239	0.67737458E-19	-0.31110654E-19
240	0.63134282E-19	-0.59218164E-19
241	0.56204053E-19	-0.78018822E-19
242	0.47769613E-19	-0.89646649E-19
243	0.38448718E-19	-0.96054675E-19
244	0.28675935E-19	-0.98944947E-19
245	0.18730078E-19	-0.99724791E-19
246	0.87650554E-20	-0.99482305E-19
247	-0.11575525E-20	-0.98974913E-19
248	-0.11035194E-19	-0.98625526E-19
249	-0.20890862E-19	-0.98522258E-19

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27567958E-02	-0.74305886E-03
2	0.26824903E-02	-0.74305228E-03
3	0.26081863E-02	-0.74302079E-03
4	0.25338875E-02	-0.74294308E-03
5	0.24595999E-02	-0.74280152E-03
6	0.23853304E-02	-0.74256770E-03
7	0.23110916E-02	-0.74217230E-03
8	0.22369053E-02	-0.74149278E-03
9	0.21628083E-02	-0.74035744E-03
10	0.20888562E-02	-0.73855271E-03
11	0.20151308E-02	-0.73575485E-03
12	0.19417552E-02	-0.73145819E-03
13	0.18689117E-02	-0.72498689E-03
14	0.17968576E-02	-0.71552361E-03
15	0.17259374E-02	-0.70214918E-03
16	0.16565903E-02	-0.68389752E-03
17	0.15893517E-02	-0.65982965E-03
18	0.15248489E-02	-0.62902697E-03
19	0.14638042E-02	-0.59048942E-03
20	0.14070463E-02	-0.54309180E-03
21	0.13555225E-02	-0.48559182E-03
22	0.13103096E-02	-0.41664072E-03
23	0.12726232E-02	-0.33482560E-03
24	0.12438201E-02	-0.23874421E-03
25	0.12253928E-02	-0.12710982E-03
26	0.12189525E-02	0.11548303E-05
27	0.12262028E-02	0.14679393E-03
28	0.12489083E-02	0.31034762E-03
29	0.12888898E-02	0.49242197E-03
30	0.13480341E-02	0.69373555E-03
31	0.14283056E-02	0.91511221E-03
32	0.15317559E-02	0.11574692E-02
33	0.16605319E-02	0.14217967E-02
34	0.18168821E-02	0.17091305E-02
35	0.20031598E-02	0.20205195E-02
36	0.22206404E-02	0.23215432E-02
37	0.24659804E-02	0.25779270E-02
38	0.27347845E-02	0.27910678E-02
39	0.30228030E-02	0.29624756E-02
40	0.33259427E-02	0.30937733E-02
41	0.36402785E-02	0.31866978E-02
42	0.39620646E-02	0.32430992E-02
43	0.42877463E-02	0.32649410E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.46139699E-02	0.32543000E-02
45	0.49375966E-02	0.32133663E-02
46	0.52557103E-02	0.31444437E-02
47	0.55656331E-02	0.30499492E-02
48	0.58649322E-02	0.29324132E-02
49	0.61514354E-02	0.27944797E-02
50	0.64232401E-02	0.26389058E-02
51	0.66787242E-02	0.24685618E-02
52	0.69165598E-02	0.22864321E-02
53	0.71357214E-02	0.20956136E-02
54	0.73354999E-02	0.18993177E-02
55	0.75155129E-02	0.17008680E-02
56	0.76757162E-02	0.15037024E-02
57	0.78164143E-02	0.13113716E-02
58	0.79382742E-02	0.11275400E-02
59	0.80423318E-02	0.95598545E-03
60	0.81300102E-02	0.80059882E-03
61	0.82023097E-02	0.64095581E-03
62	0.82573825E-02	0.45674530E-03
63	0.82929805E-02	0.25219857E-03
64	0.83072884E-02	0.31660293E-04
65	0.82989288E-02	-0.20041148E-03
66	0.82669742E-02	-0.43944528E-03
67	0.82109636E-02	-0.68075629E-03
68	0.81309071E-02	-0.91954629E-03
69	0.80273021E-02	-0.11509036E-02
70	0.79011414E-02	-0.13698033E-02
71	0.77539277E-02	-0.15711070E-02
72	0.75875935E-02	-0.17522170E-02
73	0.74041574E-02	-0.19131333E-02
74	0.72056400E-02	-0.20538562E-02
75	0.69940598E-02	-0.21743854E-02
76	0.67714360E-02	-0.22747209E-02
77	0.65397886E-02	-0.23548629E-02
78	0.63011367E-02	-0.24148112E-02
79	0.60574994E-02	-0.24545658E-02
80	0.58108964E-02	-0.24741271E-02
81	0.55633471E-02	-0.24734945E-02
82	0.53168708E-02	-0.24526685E-02
83	0.50734864E-02	-0.24116486E-02
84	0.48352140E-02	-0.23504354E-02
85	0.46040728E-02	-0.22690285E-02
86	0.43816823E-02	-0.21793991E-02
87	0.41680676E-02	-0.20935186E-02
88	0.39628539E-02	-0.20113869E-02
89	0.37656655E-02	-0.19330040E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.35761280E-02	-0.18583700E-02
91	0.33938666E-02	-0.17874849E-02
92	0.32185060E-02	-0.17203484E-02
93	0.30496719E-02	-0.16569608E-02
94	0.28869889E-02	-0.15973221E-02
95	0.27300825E-02	-0.15414321E-02
96	0.25785775E-02	-0.14892911E-02
97	0.24320993E-02	-0.14408987E-02
98	0.22902729E-02	-0.13962553E-02
99	0.21527233E-02	-0.13553607E-02
100	0.20190757E-02	-0.13182149E-02
101	0.18889554E-02	-0.12848179E-02
102	0.17619872E-02	-0.12551697E-02
103	0.16377966E-02	-0.12292641E-02
104	0.15160124E-02	-0.12070186E-02
105	0.13962784E-02	-0.11882107E-02
106	0.12782677E-02	-0.11724780E-02
107	0.11616970E-02	-0.11593180E-02
108	0.10463397E-02	-0.11480886E-02
109	0.93204103E-03	-0.11380062E-02
110	0.81873121E-03	-0.11281444E-02
111	0.70644048E-03	-0.11174335E-02
112	0.59531315E-03	-0.11046632E-02
113	0.48576383E-03	-0.10842124E-02
114	0.37926625E-03	-0.10398939E-02
115	0.27952981E-03	-0.94323256E-03
116	0.19228403E-03	-0.79664169E-03
117	0.12076207E-03	-0.63323305E-03
118	0.65472457E-04	-0.47477332E-03
119	0.25217105E-04	-0.33402233E-03
120	-0.21228279E-05	-0.21699590E-03
121	-0.19016788E-04	-0.12501085E-03
122	-0.27911688E-04	-0.56626523E-04
123	-0.31033022E-04	-0.89700416E-05
124	-0.30276380E-04	0.21565938E-04
125	-0.27165468E-04	0.38732902E-04
126	-0.22858285E-04	0.46045323E-04
127	-0.18182875E-04	0.46563564E-04
128	-0.13688355E-04	0.42798281E-04
129	-0.97010179E-05	0.36699028E-04
130	-0.63789566E-05	0.29687586E-04
131	-0.37618793E-05	0.22724793E-04
132	-0.18126776E-05	0.16401615E-04
133	-0.44988576E-06	0.11028560E-04
134	0.42837712E-06	0.67157907E-05
135	0.92797154E-06	0.34439961E-05

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11485731E-05	0.11141037E-05
137	0.11773050E-05	-0.42040705E-06
138	0.10855351E-05	-0.13236144E-05
139	0.92830521E-06	-0.17551292E-05
140	0.74549786E-06	-0.18569864E-05
141	0.56396175E-06	-0.17472286E-05
142	0.40002971E-06	-0.15181444E-05
143	0.26205353E-06	-0.12374412E-05
144	0.15272279E-06	-0.95129798E-06
145	0.71020438E-07	-0.68835976E-06
146	0.13771468E-07	-0.46380265E-06
147	-0.23200675E-07	-0.28306297E-06
148	-0.44277968E-07	-0.14542849E-06
149	-0.53585168E-07	-0.46757950E-07
150	-0.54728748E-07	0.18936886E-07
151	-0.50676100E-07	0.58282524E-07
152	-0.43735621E-07	0.77726774E-07
153	-0.35601627E-07	0.83044526E-07
154	-0.27435851E-07	0.79088252E-07
155	-0.19964851E-07	0.69705742E-07
156	-0.13579862E-07	0.57768439E-07
157	-0.84294483E-08	0.45282611E-07
158	-0.44984736E-08	0.33542751E-07
159	-0.16713553E-08	0.23289164E-07
160	0.21999103E-09	0.14854535E-07
161	0.13620598E-08	0.82951441E-08
162	0.19375461E-08	0.34915428E-08
163	0.21112532E-08	0.21448460E-09
164	0.20218887E-08	-0.18192057E-08
165	0.17791891E-08	-0.28995817E-08
166	0.14648367E-08	-0.32940275E-08
167	0.11356285E-08	-0.32311285E-08
168	0.82775370E-09	-0.28939484E-08
169	0.56139260E-09	-0.24201525E-08
170	0.34504591E-09	-0.19066762E-08
171	0.17928496E-09	-0.14163726E-08
172	0.59799415E-10	-0.98522812E-09
173	-0.20266145E-10	-0.62924810E-09
174	-0.68651196E-10	-0.35129794E-09
175	-0.92965330E-10	-0.14653573E-09
176	-0.10008594E-09	-0.56014325E-11
177	-0.95830448E-10	0.82987964E-10
178	-0.84839143E-10	0.13105357E-09
179	-0.70603690E-10	0.14960035E-09
180	-0.55586504E-10	0.14812414E-09
181	-0.41390551E-10	0.13429731E-09

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.28943700E-10	0.11397071E-09
183	-0.18672794E-10	0.91352557E-10
184	-0.10655575E-10	0.69262852E-10
185	-0.47455668E-11	0.49412859E-10
186	-0.66923192E-12	0.32675983E-10
187	0.19031302E-11	0.19344118E-10
188	0.33102464E-11	0.93318938E-11
189	0.38688371E-11	0.22995102E-11
190	0.38531951E-11	-0.22414768E-11
191	0.34857655E-11	-0.48257457E-11
192	0.29361500E-11	-0.59668902E-11
193	0.23254374E-11	-0.61165357E-11
194	0.17335703E-11	-0.56443591E-11
195	0.12078129E-11	-0.48347641E-11
196	0.77101514E-12	-0.38932386E-11
197	0.42897166E-12	-0.29575188E-11
198	0.17654892E-12	-0.21106732E-11
199	0.24951772E-14	-0.13940827E-11
200	-0.10706676E-12	-0.82146638E-12
201	-0.16649562E-12	-0.38977564E-12
202	-0.18924893E-12	-0.84896134E-13
203	-0.18702757E-12	0.11340141E-12
204	-0.16937710E-12	0.22744542E-12
205	-0.14362625E-12	0.27885647E-12
206	-0.11505800E-12	0.28670160E-12
207	-0.87215513E-13	0.26665944E-12
208	-0.62248939E-13	0.23093235E-12
209	-0.41252761E-13	0.18849366E-12
210	-0.24567957E-13	0.14552255E-12
211	-0.12036031E-13	0.10591804E-12
212	-0.32006986E-14	0.71823041E-13
213	0.25423815E-14	0.44142177E-13
214	0.58443016E-14	0.22958264E-13
215	0.73338425E-14	0.77685991E-14
216	0.75685994E-14	-0.23037259E-14
217	0.70094700E-14	-0.82848648E-14
218	0.60139784E-14	-0.11195445E-13
219	0.48422006E-14	-0.11951442E-13
220	0.36701019E-14	-0.11315085E-13
221	0.26057048E-14	-0.98830915E-14
222	0.17053639E-14	-0.80946865E-14
223	0.98861069E-15	-0.62509884E-14
224	0.45075478E-15	-0.45396337E-14
225	0.72876683E-16	-0.30624953E-14
226	-0.17099413E-15	-0.18628525E-14
227	-0.30908740E-15	-0.94501698E-15

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.36865036E-15	-0.28676658E-15
229	-0.37382049E-15	0.15009014E-15
230	-0.34452665E-15	0.41011766E-15
231	-0.29623334E-15	0.53705388E-15
232	-0.24025658E-15	0.56976862E-15
233	-0.18433772E-15	0.54074054E-15
234	-0.13331170E-15	0.47561562E-15
235	-0.89779755E-16	0.39353564E-15
236	-0.54723113E-16	0.30789947E-15
237	-0.28030941E-16	0.22733102E-15
238	-0.89208426E-17	0.15684459E-15
239	0.37537597E-17	0.98831665E-16
240	0.11277372E-16	0.53775207E-16
241	0.14911022E-16	0.20785378E-16
242	0.15778480E-16	-0.18834913E-17
243	0.14808245E-16	-0.16334704E-16
244	0.12714711E-16	-0.24690777E-16
245	0.10009079E-16	-0.28877190E-16
246	0.70231547E-17	-0.30547128E-16
247	0.39409552E-17	-0.30978020E-16
248	0.84193085E-18	-0.30977510E-16
249	-0.22533078E-17	-0.30939824E-16

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27568000E-02	-0.74307097E-03
2	0.26824933E-02	-0.74306439E-03
3	0.26081880E-02	-0.74303302E-03
4	0.25338882E-02	-0.74295560E-03
5	0.24595989E-02	-0.74281456E-03
6	0.23853283E-02	-0.74258138E-03
7	0.23110881E-02	-0.74218691E-03
8	0.22369004E-02	-0.74150827E-03
9	0.21628016E-02	-0.74037380E-03
10	0.20888480E-02	-0.73856977E-03
11	0.20151208E-02	-0.73577219E-03
12	0.19417434E-02	-0.73147513E-03
13	0.18688983E-02	-0.72500249E-03
14	0.17968428E-02	-0.71553647E-03
15	0.17259214E-02	-0.70215767E-03
16	0.16565738E-02	-0.68389950E-03
17	0.15893355E-02	-0.65982243E-03
18	0.15248340E-02	-0.62900758E-03
19	0.14637919E-02	-0.59045432E-03
20	0.14070385E-02	-0.54303720E-03
21	0.13555214E-02	-0.48551350E-03
22	0.13103178E-02	-0.41653440E-03
23	0.12726435E-02	-0.33468715E-03
24	0.12438559E-02	-0.23856986E-03
25	0.12254480E-02	-0.12689654E-03
26	0.12190311E-02	0.14087050E-05
27	0.12263089E-02	0.14708826E-03
28	0.12490457E-02	0.31067964E-03
29	0.12890620E-02	0.49278553E-03
30	0.13482438E-02	0.69412019E-03
31	0.14285543E-02	0.91550214E-03
32	0.15320429E-02	0.11578422E-02
33	0.16608541E-02	0.14221228E-02
34	0.18172330E-02	0.17093716E-02
35	0.20035298E-02	0.20206661E-02
36	0.22210213E-02	0.23216109E-02
37	0.24663643E-02	0.25779237E-02
38	0.27351647E-02	0.27910010E-02
39	0.30231737E-02	0.29623527E-02
40	0.33262987E-02	0.30936024E-02
41	0.36406154E-02	0.31864862E-02
42	0.39623785E-02	0.32428547E-02
43	0.42880345E-02	0.32646712E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.46142302E-02	0.32540124E-02
45	0.49378276E-02	0.32130687E-02
46	0.52559115E-02	0.31441438E-02
47	0.55658040E-02	0.30496547E-02
48	0.58650747E-02	0.29321318E-02
49	0.61515509E-02	0.27942187E-02
50	0.64233304E-02	0.26386713E-02
51	0.66787926E-02	0.24683571E-02
52	0.69166091E-02	0.22862579E-02
53	0.71357549E-02	0.20954697E-02
54	0.73355203E-02	0.18992018E-02
55	0.75155231E-02	0.17007776E-02
56	0.76757185E-02	0.15036343E-02
57	0.78164116E-02	0.13113227E-02
58	0.79382667E-02	0.11275071E-02
59	0.80423215E-02	0.95596525E-03
60	0.81299981E-02	0.80058863E-03
61	0.82022976E-02	0.64095313E-03
62	0.82573695E-02	0.45674804E-03
63	0.82929693E-02	0.25220495E-03
64	0.83072782E-02	0.31668871E-04
65	0.82989186E-02	-0.20040180E-03
66	0.82669649E-02	-0.43943533E-03
67	0.82109552E-02	-0.68074663E-03
68	0.81308996E-02	-0.91953721E-03
69	0.80272956E-02	-0.11508951E-02
70	0.79011358E-02	-0.13697955E-02
71	0.77539231E-02	-0.15710999E-02
72	0.75875893E-02	-0.17522104E-02
73	0.74041542E-02	-0.19131275E-02
74	0.72056372E-02	-0.20538508E-02
75	0.69940570E-02	-0.21743807E-02
76	0.67714341E-02	-0.22747167E-02
77	0.65397867E-02	-0.23548594E-02
78	0.63011353E-02	-0.24148084E-02
79	0.60574985E-02	-0.24545637E-02
80	0.58108955E-02	-0.24741252E-02
81	0.55633462E-02	-0.24734931E-02
82	0.53168703E-02	-0.24526671E-02
83	0.50734864E-02	-0.24116472E-02
84	0.48352140E-02	-0.23504333E-02
85	0.46040728E-02	-0.22690254E-02
86	0.43816827E-02	-0.21793947E-02
87	0.41680685E-02	-0.20935126E-02
88	0.39628553E-02	-0.20113788E-02
89	0.37656680E-02	-0.19329938E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.35761315E-02	-0.18583575E-02
91	0.33938715E-02	-0.17874704E-02
92	0.32185125E-02	-0.17203328E-02
93	0.30496800E-02	-0.16569444E-02
94	0.28869987E-02	-0.15973055E-02
95	0.27300939E-02	-0.15414159E-02
96	0.25785905E-02	-0.14892758E-02
97	0.24321137E-02	-0.14408850E-02
98	0.22902887E-02	-0.13962436E-02
99	0.21527400E-02	-0.13553516E-02
100	0.20190934E-02	-0.13182091E-02
101	0.18889733E-02	-0.12848163E-02
102	0.17620050E-02	-0.12551730E-02
103	0.16378139E-02	-0.12292726E-02
104	0.15160285E-02	-0.12070320E-02
105	0.13962929E-02	-0.11882284E-02
106	0.12782804E-02	-0.11724987E-02
107	0.11617074E-02	-0.11593403E-02
108	0.10463480E-02	-0.11481105E-02
109	0.93204720E-03	-0.11380260E-02
110	0.81873551E-03	-0.11281611E-02
111	0.70644327E-03	-0.11174469E-02
112	0.59531478E-03	-0.11046734E-02
113	0.48576458E-03	-0.10842197E-02
114	0.37926639E-03	-0.10398987E-02
115	0.27952960E-03	-0.94323541E-03
116	0.19228361E-03	-0.79664314E-03
117	0.12076154E-03	-0.63323346E-03
118	0.65471933E-04	-0.47477306E-03
119	0.25216630E-04	-0.33402169E-03
120	-0.21232290E-05	-0.21699509E-03
121	-0.19017105E-04	-0.12501000E-03
122	-0.27911923E-04	-0.56625740E-04
123	-0.31033185E-04	-0.89693758E-05
124	-0.30276484E-04	0.21566470E-04
125	-0.27165524E-04	0.38733298E-04
126	-0.22858307E-04	0.46045599E-04
127	-0.18182876E-04	0.46563742E-04
128	-0.13688343E-04	0.42798380E-04
129	-0.97009979E-05	0.36699072E-04
130	-0.63789339E-05	0.29687590E-04
131	-0.37618577E-05	0.22724773E-04
132	-0.18126585E-05	0.16401582E-04
133	-0.44987013E-06	0.11028523E-04
134	0.42838911E-06	0.67157553E-05
135	0.92798018E-06	0.34439645E-05

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11485788E-05	0.11140777E-05
137	0.11773084E-05	-0.42042723E-06
138	0.10855368E-05	-0.13236290E-05
139	0.92830567E-06	-0.17551391E-05
140	0.74549757E-06	-0.18569923E-05
141	0.56396101E-06	-0.17472316E-05
142	0.40002874E-06	-0.15181453E-05
143	0.26205257E-06	-0.12374409E-05
144	0.15272190E-06	-0.95129684E-06
145	0.71019677E-07	-0.68835823E-06
146	0.13770866E-07	-0.46380109E-06
147	-0.23201123E-07	-0.28306150E-06
148	-0.44278277E-07	-0.14542722E-06
149	-0.53585367E-07	-0.46756945E-07
150	-0.54728854E-07	0.18937643E-07
151	-0.50676146E-07	0.58283057E-07
152	-0.43735625E-07	0.77727123E-07
153	-0.35601602E-07	0.83044718E-07
154	-0.27435812E-07	0.79088338E-07
155	-0.19964808E-07	0.69705749E-07
156	-0.13579821E-07	0.57768403E-07
157	-0.84294118E-08	0.45282555E-07
158	-0.44984443E-08	0.33542683E-07
159	-0.16713324E-08	0.23289099E-07
160	0.22000751E-09	0.14854476E-07
161	0.13620708E-08	0.82950953E-08
162	0.19375528E-08	0.34915044E-08
163	0.21112565E-08	0.21445665E-09
164	0.20218898E-08	-0.18192247E-08
165	0.17791886E-08	-0.28995932E-08
166	0.14648354E-08	-0.32940335E-08
167	0.11356267E-08	-0.32311307E-08
168	0.82775187E-09	-0.28939477E-08
169	0.56139093E-09	-0.24201503E-08
170	0.34504447E-09	-0.19066733E-08
171	0.17928382E-09	-0.14163696E-08
172	0.59798562E-10	-0.98522535E-09
173	-0.20266741E-10	-0.62924571E-09
174	-0.68651577E-10	-0.35129602E-09
175	-0.92965545E-10	-0.14653428E-09
176	-0.10008603E-09	-0.56004168E-11
177	-0.95830455E-10	0.82988623E-10
178	-0.84839101E-10	0.13105396E-09
179	-0.70603620E-10	0.14960051E-09
180	-0.55586424E-10	0.14812417E-09
181	-0.41390474E-10	0.13429725E-09

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.28943632E-10	0.11397060E-09
183	-0.18672739E-10	0.91352426E-10
184	-0.10655531E-10	0.69262727E-10
185	-0.47455351E-11	0.49412748E-10
186	-0.66921073E-12	0.32675890E-10
187	0.19031430E-11	0.19344045E-10
188	0.33102529E-11	0.93318409E-11
189	0.38688388E-11	0.22994740E-11
190	0.38531942E-11	-0.22414991E-11
191	0.34857631E-11	-0.48257574E-11
192	0.29361468E-11	-0.59668945E-11
193	0.23254341E-11	-0.61165352E-11
194	0.17335672E-11	-0.56443552E-11
195	0.12078102E-11	-0.48347593E-11
196	0.77101297E-12	-0.38932334E-11
197	0.42897001E-12	-0.29575136E-11
198	0.17654774E-12	-0.21106688E-11
199	0.24944006E-14	-0.13940791E-11
200	-0.10706722E-12	-0.82146361E-12
201	-0.16649585E-12	-0.38977366E-12
202	-0.18924899E-12	-0.84894819E-13
203	-0.18702753E-12	0.11340223E-12
204	-0.16937699E-12	0.22744586E-12
205	-0.14362612E-12	0.27885664E-12
206	-0.11505787E-12	0.28670157E-12
207	-0.87215384E-13	0.26665928E-12
208	-0.62248838E-13	0.23093214E-12
209	-0.41252676E-13	0.18849341E-12
210	-0.24567898E-13	0.14552232E-12
211	-0.12035991E-13	0.10591786E-12
212	-0.32006745E-14	0.71822912E-13
213	0.25423959E-14	0.44142102E-13
214	0.58443109E-14	0.22958233E-13
215	0.73338501E-14	0.77685983E-14
216	0.75686078E-14	-0.23037096E-14
217	0.70094810E-14	-0.82848445E-14
218	0.60139907E-14	-0.11195432E-13
219	0.48422138E-14	-0.11951443E-13
220	0.36701137E-14	-0.11315106E-13
221	0.26057135E-14	-0.98831338E-14
222	0.17053673E-14	-0.80947500E-14
223	0.98860688E-15	-0.62510680E-14
224	0.45074239E-15	-0.45397252E-14
225	0.72854793E-16	-0.30625929E-14
226	-0.17102583E-15	-0.18629501E-14
227	-0.30912862E-15	-0.94510909E-15

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.36870034E-15	-0.28684848E-15
229	-0.37387799E-15	0.15002228E-15
230	-0.34459010E-15	0.41006646E-15
231	-0.29630102E-15	0.53702085E-15
232	-0.24032662E-15	0.56975396E-15
233	-0.18440834E-15	0.54074361E-15
234	-0.13338119E-15	0.47563483E-15
235	-0.89846618E-16	0.39356872E-15
236	-0.54786078E-16	0.30794372E-15
237	-0.28089042E-16	0.22738356E-15
238	-0.89734000E-17	0.15690242E-15
239	0.37071361E-17	0.98892056E-16
240	0.11236813E-16	0.53835743E-16
241	0.14876443E-16	0.20844164E-16
242	0.15749635E-16	-0.18277565E-17
243	0.14784790E-16	-0.16282693E-16
244	0.12696264E-16	-0.24642569E-16
245	0.99952791E-17	-0.28832356E-16
246	0.70137016E-17	-0.30504882E-16
247	0.39356364E-17	-0.30937409E-16
248	0.84062928E-18	-0.30937650E-16
249	-0.22506348E-17	-0.30900139E-16

STEP DI CARICO NO. 10

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27568424E-02	-0.74311061E-03
2	0.26825315E-02	-0.74310432E-03
3	0.26082224E-02	-0.74307428E-03
4	0.25339182E-02	-0.74300013E-03
5	0.24596243E-02	-0.74286520E-03
6	0.23853481E-02	-0.74264163E-03
7	0.23111012E-02	-0.74226083E-03
8	0.22369053E-02	-0.74160047E-03
9	0.21627962E-02	-0.74048899E-03
10	0.20888296E-02	-0.73871267E-03
11	0.20150866E-02	-0.73594728E-03
12	0.19416900E-02	-0.73168619E-03
13	0.18688219E-02	-0.72525215E-03
14	0.17967394E-02	-0.71582571E-03
15	0.17257872E-02	-0.70248503E-03
16	0.16564052E-02	-0.68426068E-03
17	0.15891293E-02	-0.66020916E-03
18	0.15245883E-02	-0.62940666E-03
19	0.14635065E-02	-0.59084693E-03
20	0.14067153E-02	-0.54339739E-03
21	0.13551650E-02	-0.48580777E-03
22	0.13099370E-02	-0.41672040E-03
23	0.12722516E-02	-0.33471303E-03
24	0.12434721E-02	-0.23837380E-03
25	0.12250978E-02	-0.12640684E-03
26	0.12187478E-02	0.22732920E-05
27	0.12261346E-02	0.14841708E-03
28	0.12490315E-02	0.31256792E-03
29	0.12892686E-02	0.49533095E-03
30	0.13487418E-02	0.69741800E-03
31	0.14294233E-02	0.91963838E-03
32	0.15333703E-02	0.11628855E-02
33	0.16627330E-02	0.14281133E-02
34	0.18197587E-02	0.17163105E-02
35	0.20067960E-02	0.20285319E-02
36	0.22251168E-02	0.23303090E-02
37	0.24713646E-02	0.25872877E-02
38	0.27411277E-02	0.28008632E-02
39	0.30301407E-02	0.29725442E-02
40	0.33342941E-02	0.31039538E-02
41	0.36496469E-02	0.31968283E-02
42	0.39724372E-02	0.32530187E-02
43	0.42990935E-02	0.32744901E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.46262471E-02	0.32633219E-02
45	0.49507427E-02	0.32217088E-02
46	0.52696508E-02	0.31519597E-02
47	0.55802776E-02	0.30565001E-02
48	0.58801784E-02	0.29378703E-02
49	0.61671683E-02	0.27987265E-02
50	0.64393324E-02	0.26418418E-02
51	0.66950414E-02	0.24701043E-02
52	0.69329585E-02	0.22865194E-02
53	0.71520545E-02	0.20942094E-02
54	0.73516178E-02	0.18964248E-02
55	0.75312699E-02	0.16965501E-02
56	0.76909759E-02	0.14981077E-02
57	0.78310613E-02	0.13047584E-02
58	0.79522235E-02	0.11203031E-02
59	0.80555491E-02	0.94868208E-03
60	0.81425244E-02	0.79397479E-03
61	0.82142325E-02	0.63592248E-03
62	0.82689263E-02	0.45439758E-03
63	0.83044786E-02	0.25386916E-03
64	0.83192196E-02	0.38918341E-04
65	0.83119376E-02	-0.18577691E-03
66	0.82818978E-02	-0.41545049E-03
67	0.82288431E-02	-0.64525480E-03
68	0.81530064E-02	-0.87028439E-03
69	0.80551095E-02	-0.10856108E-02
70	0.79363743E-02	-0.12862280E-02
71	0.77985260E-02	-0.14669973E-02
72	0.76437229E-02	-0.16253215E-02
73	0.74742096E-02	-0.17612003E-02
74	0.72922311E-02	-0.18746338E-02
75	0.71000312E-02	-0.19656220E-02
76	0.68998546E-02	-0.20341650E-02
77	0.66939462E-02	-0.20802629E-02
78	0.64845504E-02	-0.21039152E-02
79	0.62739113E-02	-0.21051224E-02
80	0.60642743E-02	-0.20838843E-02
81	0.58578830E-02	-0.20402009E-02
82	0.56569823E-02	-0.19740721E-02
83	0.54638167E-02	-0.18854982E-02
84	0.52806307E-02	-0.17744789E-02
85	0.51096692E-02	-0.16410145E-02
86	0.49527171E-02	-0.14988775E-02
87	0.48097232E-02	-0.13618412E-02
88	0.46801786E-02	-0.12299054E-02
89	0.45635724E-02	-0.11030701E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.44593946E-02	-0.98133541E-03
91	0.43671355E-02	-0.86470117E-03
92	0.42862841E-02	-0.75316749E-03
93	0.42163315E-02	-0.64673432E-03
94	0.41567674E-02	-0.54540171E-03
95	0.41070813E-02	-0.44916960E-03
96	0.40667634E-02	-0.35803806E-03
97	0.40353038E-02	-0.27200702E-03
98	0.40121921E-02	-0.19107654E-03
99	0.39969184E-02	-0.11524658E-03
100	0.39889729E-02	-0.44517161E-04
101	0.39878450E-02	0.21111729E-04
102	0.39930250E-02	0.81640086E-04
103	0.40040030E-02	0.13707417E-03
104	0.40202728E-02	0.18749648E-03
105	0.40413430E-02	0.23312947E-03
106	0.40667513E-02	0.27433556E-03
107	0.40960792E-02	0.31161710E-03
108	0.41289651E-02	0.34561640E-03
109	0.41651190E-02	0.37711579E-03
110	0.42043356E-02	0.40703750E-03
111	0.42460393E-02	0.42233701E-03
112	0.42878855E-02	0.41010982E-03
113	0.43271882E-02	0.37169803E-03
114	0.43614018E-02	0.30858372E-03
115	0.43881359E-02	0.22238890E-03
116	0.44051688E-02	0.11487555E-03
117	0.44104634E-02	-0.12054369E-04
118	0.44021788E-02	-0.15635898E-03
119	0.43786853E-02	-0.31585642E-03
120	0.43385788E-02	-0.48822488E-03
121	0.42806934E-02	-0.67100255E-03
122	0.42041177E-02	-0.86158776E-03
123	0.41082068E-02	-0.10572389E-02
124	0.39925971E-02	-0.12550741E-02
125	0.38572201E-02	-0.14520719E-02
126	0.37023162E-02	-0.16450708E-02
127	0.35284492E-02	-0.18307694E-02
128	0.33365204E-02	-0.20057259E-02
129	0.31277817E-02	-0.21663590E-02
130	0.29038501E-02	-0.23089473E-02
131	0.26667223E-02	-0.24296297E-02
132	0.24187877E-02	-0.25244046E-02
133	0.21628430E-02	-0.25891310E-02
134	0.19021059E-02	-0.26195273E-02
135	0.16402293E-02	-0.26111733E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.13813149E-02	-0.25595077E-02
137	0.11299282E-02	-0.24598283E-02
138	0.89111115E-03	-0.23072923E-02
139	0.67039765E-03	-0.20969165E-02
140	0.47419051E-03	-0.18126614E-02
141	0.30971991E-03	-0.14727707E-02
142	0.17974088E-03	-0.11297447E-02
143	0.82785984E-04	-0.81626850E-03
144	0.14930010E-04	-0.54950709E-03
145	-0.28865526E-04	-0.33524825E-03
146	-0.53824344E-04	-0.17213050E-03
147	-0.64825443E-04	-0.55027340E-04
148	-0.66128530E-04	0.23114344E-04
149	-0.61241815E-04	0.70078793E-04
150	-0.52899635E-04	0.93437244E-04
151	-0.43115073E-04	0.99974619E-04
152	-0.33275170E-04	0.95398318E-04
153	-0.24254501E-04	0.84249245E-04
154	-0.16530421E-04	0.69947157E-04
155	-0.10289356E-04	0.54916451E-04
156	-0.55182759E-05	0.40751369E-04
157	-0.20794100E-05	0.28376477E-04
158	0.23033969E-06	0.18201197E-04
159	0.16359099E-05	0.10278334E-04
160	0.23558048E-05	0.44494182E-05
161	0.25865056E-05	0.44186564E-06
162	0.24938570E-05	-0.20753125E-05
163	0.22097813E-05	-0.34423431E-05
164	0.18332265E-05	-0.39742281E-05
165	0.14337486E-05	-0.39417287E-05
166	0.10564006E-05	-0.35636369E-05
167	0.72698202E-06	-0.30067213E-05
168	0.45703592E-06	-0.23904174E-05
169	0.24823493E-06	-0.17940217E-05
170	0.96003518E-07	-0.12644680E-05
171	-0.76256237E-08	-0.82392319E-06
172	-0.71906051E-07	-0.47712638E-06
173	-0.10599344E-06	-0.21860559E-06
174	-0.11821401E-06	-0.37690139E-07
175	-0.11567406E-06	0.78947494E-07
176	-0.10410368E-06	0.14521022E-06
177	-0.87875705E-07	0.17416224E-06
178	-0.70134526E-07	0.17721540E-06
179	-0.52982831E-07	0.16376232E-06
180	-0.37688320E-07	0.14112155E-06
181	-0.24885118E-07	0.11468288E-06

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.14754353E-07	0.88165891E-07
183	-0.71760340E-08	0.63926066E-07
184	-0.18507103E-08	0.43239144E-07
185	0.16058115E-08	0.26572724E-07
186	0.35958412E-08	0.13866504E-07
187	0.44988107E-08	0.47512363E-08
188	0.46477164E-08	-0.13151913E-08
189	0.43169828E-08	-0.49453104E-08
190	0.37198526E-08	-0.67394823E-08
191	0.30123435E-08	-0.72359354E-08
192	0.23008941E-08	-0.68855286E-08
193	0.16516053E-08	-0.60440941E-08
194	0.10996195E-08	-0.49763362E-08
195	0.65774036E-09	-0.38665089E-08
196	0.32379741E-09	-0.28322908E-08
197	0.86590839E-10	-0.19388133E-08
198	-0.69520972E-10	-0.12120073E-08
199	-0.16137311E-09	-0.65207606E-09
200	-0.20502454E-09	-0.24479530E-09
201	-0.21469453E-09	0.31614870E-10
202	-0.20223227E-09	0.20210358E-09
203	-0.17697842E-09	0.29145414E-09
204	-0.14589467E-09	0.32220793E-09
205	-0.11385030E-09	0.31355757E-09
206	-0.83981960E-10	0.28094321E-09
207	-0.58068460E-10	0.23612473E-09
208	-0.36882351E-10	0.18754606E-09
209	-0.20496448E-10	0.14085143E-09
210	-0.85362151E-11	0.99432379E-10
211	-0.37917429E-12	0.64937306E-10
212	0.46952091E-11	0.37761124E-10
213	0.74045761E-11	0.17530706E-10
214	0.84057197E-11	0.34313752E-11
215	0.82599275E-11	-0.55956620E-11
216	0.74184608E-11	-0.10666495E-10
217	0.62235022E-11	-0.12831107E-10
218	0.49186597E-11	-0.13003106E-10
219	0.36644281E-11	-0.11928693E-10
220	0.25553075E-11	-0.10182689E-10
221	0.16363920E-11	-0.81816368E-11
222	0.91812419E-12	-0.62062629E-11
223	0.38859335E-12	-0.44272689E-11
224	0.23264361E-13	-0.29304573E-11
225	-0.20771911E-12	-0.17402761E-11
226	-0.33458853E-12	-0.84402505E-12
227	-0.38524370E-12	-0.20936176E-12

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.38375420E-12	0.20650215E-12
229	-0.34971288E-12	0.44927798E-12
230	-0.29821490E-12	0.56256519E-12
231	-0.24023231E-12	0.58487872E-12
232	-0.18320470E-12	0.54822553E-12
233	-0.13171373E-12	0.47777629E-12
234	-0.88151993E-13	0.39225074E-12
235	-0.53330475E-13	0.30471841E-12
236	-0.26994872E-13	0.22358916E-12
237	-0.82422574E-14	0.15357153E-12
238	0.41535065E-14	0.96576061E-13
239	0.11507746E-13	0.52624324E-13
240	0.15075802E-13	0.20595494E-13
241	0.15964931E-13	-0.12907345E-14
242	0.15086448E-13	-0.15113158E-13
243	0.13141778E-13	-0.22951245E-13
244	0.10632664E-13	-0.26695400E-13
245	0.78860902E-14	-0.27937789E-13
246	0.50871562E-14	-0.27918670E-13
247	0.23154425E-14	-0.27506960E-13
248	-0.41756427E-15	-0.27195104E-13
249	-0.31308722E-14	-0.27102069E-13

STEP DI CARICO NO. 11

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27568429E-02	-0.74311194E-03
2	0.26825320E-02	-0.74310560E-03
3	0.26082224E-02	-0.74307562E-03
4	0.25339182E-02	-0.74300147E-03
5	0.24596243E-02	-0.74286660E-03
6	0.23853478E-02	-0.74264308E-03
7	0.23111010E-02	-0.74226235E-03
8	0.22369046E-02	-0.74160198E-03
9	0.21627955E-02	-0.74049056E-03
10	0.20888287E-02	-0.73871424E-03
11	0.20150857E-02	-0.73594879E-03
12	0.19416888E-02	-0.73168759E-03
13	0.18688205E-02	-0.72525325E-03
14	0.17967379E-02	-0.71582641E-03
15	0.17257857E-02	-0.70248521E-03
16	0.16564036E-02	-0.68426010E-03
17	0.15891279E-02	-0.66020753E-03
18	0.15245872E-02	-0.62940374E-03
19	0.14635058E-02	-0.59084233E-03
20	0.14067151E-02	-0.54339081E-03
21	0.13551656E-02	-0.48579884E-03
22	0.13099386E-02	-0.41670879E-03
23	0.12722546E-02	-0.33469839E-03
24	0.12434766E-02	-0.23835590E-03
25	0.12251043E-02	-0.12638549E-03
26	0.12187567E-02	0.22981103E-05
27	0.12261460E-02	0.14844519E-03
28	0.12490459E-02	0.31259892E-03
29	0.12892862E-02	0.49536407E-03
30	0.13487628E-02	0.69745199E-03
31	0.14294477E-02	0.91967161E-03
32	0.15333979E-02	0.11629156E-02
33	0.16627634E-02	0.14281376E-02
34	0.18197910E-02	0.17163262E-02
35	0.20068295E-02	0.20285377E-02
36	0.22251504E-02	0.23303044E-02
37	0.24713969E-02	0.25872721E-02
38	0.27411580E-02	0.28008379E-02
39	0.30301681E-02	0.29725109E-02
40	0.33343181E-02	0.31039149E-02
41	0.36496667E-02	0.31967866E-02
42	0.39724526E-02	0.32529761E-02
43	0.42991047E-02	0.32744482E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.46262541E-02	0.32632821E-02
45	0.49507464E-02	0.32216720E-02
46	0.52696508E-02	0.31519271E-02
47	0.55802749E-02	0.30564722E-02
48	0.58801728E-02	0.29378482E-02
49	0.61671608E-02	0.27987114E-02
50	0.64393240E-02	0.26418346E-02
51	0.66950326E-02	0.24701066E-02
52	0.69329506E-02	0.22865327E-02
53	0.71520484E-02	0.20942357E-02
54	0.73516150E-02	0.18964660E-02
55	0.75312718E-02	0.16966085E-02
56	0.76909848E-02	0.14981853E-02
57	0.78310790E-02	0.13048573E-02
58	0.79522524E-02	0.11204249E-02
59	0.80555920E-02	0.94882812E-03
60	0.81425821E-02	0.79414505E-03
61	0.82143089E-02	0.63611561E-03
62	0.82690222E-02	0.45461039E-03
63	0.83045978E-02	0.25409608E-03
64	0.83193611E-02	0.39151146E-04
65	0.83121024E-02	-0.18554983E-03
66	0.82820840E-02	-0.41524466E-03
67	0.82290489E-02	-0.64509036E-03
68	0.81532244E-02	-0.87018631E-03
69	0.80553340E-02	-0.10855881E-02
70	0.79365978E-02	-0.12862709E-02
71	0.77987420E-02	-0.14670960E-02
72	0.76439269E-02	-0.16254660E-02
73	0.74743973E-02	-0.17613809E-02
74	0.72923992E-02	-0.18748408E-02
75	0.71001779E-02	-0.19658455E-02
76	0.68999785E-02	-0.20343952E-02
77	0.66940472E-02	-0.20804896E-02
78	0.64846291E-02	-0.21041292E-02
79	0.62739700E-02	-0.21053134E-02
80	0.60643149E-02	-0.20840457E-02
81	0.58579091E-02	-0.20403303E-02
82	0.56569972E-02	-0.19741710E-02
83	0.54638227E-02	-0.18855698E-02
84	0.52806311E-02	-0.17745275E-02
85	0.51096654E-02	-0.16410445E-02
86	0.49527111E-02	-0.14988937E-02
87	0.48097167E-02	-0.13618474E-02
88	0.46801716E-02	-0.12299051E-02
89	0.45635654E-02	-0.11030659E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.44593881E-02	-0.98132924E-03
91	0.43671294E-02	-0.86469454E-03
92	0.42862794E-02	-0.75316109E-03
93	0.42163273E-02	-0.64672844E-03
94	0.41567637E-02	-0.54539629E-03
95	0.41070781E-02	-0.44916465E-03
96	0.40667607E-02	-0.35803352E-03
97	0.40353015E-02	-0.27200292E-03
98	0.40121898E-02	-0.19107285E-03
99	0.39969166E-02	-0.11524328E-03
100	0.39889715E-02	-0.44514229E-04
101	0.39878436E-02	0.21114303E-04
102	0.39930241E-02	0.81642320E-04
103	0.40040025E-02	0.13707607E-03
104	0.40202723E-02	0.18749807E-03
105	0.40413425E-02	0.23313076E-03
106	0.40667509E-02	0.27433655E-03
107	0.40960792E-02	0.31161783E-03
108	0.41289651E-02	0.34561692E-03
109	0.41651190E-02	0.37711608E-03
110	0.42043356E-02	0.40703762E-03
111	0.42460393E-02	0.42233703E-03
112	0.42878855E-02	0.41010976E-03
113	0.43271882E-02	0.37169794E-03
114	0.43614018E-02	0.30858367E-03
115	0.43881359E-02	0.22238892E-03
116	0.44051688E-02	0.11487572E-03
117	0.44104634E-02	-0.12053992E-04
118	0.44021788E-02	-0.15635832E-03
119	0.43786857E-02	-0.31585540E-03
120	0.43385788E-02	-0.48822345E-03
121	0.42806938E-02	-0.67100074E-03
122	0.42041186E-02	-0.86158549E-03
123	0.41082078E-02	-0.10572361E-02
124	0.39925985E-02	-0.12550711E-02
125	0.38572215E-02	-0.14520688E-02
126	0.37023178E-02	-0.16450678E-02
127	0.35284513E-02	-0.18307664E-02
128	0.33365227E-02	-0.20057233E-02
129	0.31277842E-02	-0.21663569E-02
130	0.29038528E-02	-0.23089459E-02
131	0.26667251E-02	-0.24296290E-02
132	0.24187905E-02	-0.25244050E-02
133	0.21628458E-02	-0.25891324E-02
134	0.19021084E-02	-0.26195301E-02
135	0.16402315E-02	-0.26111770E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.13813168E-02	-0.25595117E-02
137	0.11299296E-02	-0.24598322E-02
138	0.89111226E-03	-0.23072958E-02
139	0.67039841E-03	-0.20969196E-02
140	0.47419095E-03	-0.18126637E-02
141	0.30972017E-03	-0.14727726E-02
142	0.17974096E-03	-0.11297460E-02
143	0.82785977E-04	-0.81626937E-03
144	0.14929938E-04	-0.54950762E-03
145	-0.28865634E-04	-0.33524848E-03
146	-0.53824464E-04	-0.17213053E-03
147	-0.64825559E-04	-0.55027249E-04
148	-0.66128632E-04	0.23114506E-04
149	-0.61241903E-04	0.70078982E-04
150	-0.52899701E-04	0.93437433E-04
151	-0.43115120E-04	0.99974786E-04
152	-0.33275202E-04	0.95398464E-04
153	-0.24254521E-04	0.84249354E-04
154	-0.16530430E-04	0.69947237E-04
155	-0.10289360E-04	0.54916505E-04
156	-0.55182750E-05	0.40751402E-04
157	-0.20794064E-05	0.28376497E-04
158	0.23034465E-06	0.18201205E-04
159	0.16359152E-05	0.10278333E-04
160	0.23558096E-05	0.44494127E-05
161	0.25865099E-05	0.44185788E-06
162	0.24938604E-05	-0.20753209E-05
163	0.22097840E-05	-0.34423513E-05
164	0.18332285E-05	-0.39742349E-05
165	0.14337498E-05	-0.39417346E-05
166	0.10564013E-05	-0.35636415E-05
167	0.72698236E-06	-0.30067245E-05
168	0.45703598E-06	-0.23904197E-05
169	0.24823481E-06	-0.17940230E-05
170	0.96003305E-07	-0.12644687E-05
171	-0.76258777E-08	-0.82392336E-06
172	-0.71906307E-07	-0.47712626E-06
173	-0.10599367E-06	-0.21860528E-06
174	-0.11821422E-06	-0.37689738E-07
175	-0.11567421E-06	0.78947913E-07
176	-0.10410380E-06	0.14521061E-06
177	-0.87875783E-07	0.17416257E-06
178	-0.70134583E-07	0.17721565E-06
179	-0.52982859E-07	0.16376252E-06
180	-0.37688331E-07	0.14112169E-06
181	-0.24885118E-07	0.11468297E-06

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.14754347E-07	0.88165940E-07
183	-0.71760242E-08	0.63926088E-07
184	-0.18506991E-08	0.43239147E-07
185	0.16058224E-08	0.26572716E-07
186	0.35958510E-08	0.13866488E-07
187	0.44988187E-08	0.47512185E-08
188	0.46477227E-08	-0.13152089E-08
189	0.43169872E-08	-0.49453259E-08
190	0.37198558E-08	-0.67394956E-08
191	0.30123453E-08	-0.72359461E-08
192	0.23008953E-08	-0.68855361E-08
193	0.16516056E-08	-0.60440994E-08
194	0.10996194E-08	-0.49763393E-08
195	0.65774003E-09	-0.38665107E-08
196	0.32379696E-09	-0.28322915E-08
197	0.86590353E-10	-0.19388133E-08
198	-0.69521430E-10	-0.12120068E-08
199	-0.16137351E-09	-0.65207534E-09
200	-0.20502486E-09	-0.24479452E-09
201	-0.21469476E-09	0.31615613E-10
202	-0.20223245E-09	0.20210424E-09
203	-0.17697853E-09	0.29145467E-09
204	-0.14589474E-09	0.32220832E-09
205	-0.11385033E-09	0.31355787E-09
206	-0.83981967E-10	0.28094341E-09
207	-0.58068453E-10	0.23612484E-09
208	-0.36882334E-10	0.18754612E-09
209	-0.20496427E-10	0.14085144E-09
210	-0.85361943E-11	0.99432365E-10
211	-0.37915531E-12	0.64937278E-10
212	0.46952247E-11	0.37761089E-10
213	0.74045882E-11	0.17530673E-10
214	0.84057292E-11	0.34313442E-11
215	0.82599335E-11	-0.55956884E-11
216	0.74184651E-11	-0.10666516E-10
217	0.62235044E-11	-0.12831122E-10
218	0.49186605E-11	-0.13003117E-10
219	0.36644281E-11	-0.11928700E-10
220	0.25553069E-11	-0.10182692E-10
221	0.16363911E-11	-0.81816385E-11
222	0.91812332E-12	-0.62062634E-11
223	0.38859245E-12	-0.44272680E-11
224	0.23263567E-13	-0.29304560E-11
225	-0.20771977E-12	-0.17402748E-11
226	-0.33458907E-12	-0.84402369E-12
227	-0.38524411E-12	-0.20936051E-12

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.38375447E-12	0.20650326E-12
229	-0.34971307E-12	0.44927891E-12
230	-0.29821498E-12	0.56256594E-12
231	-0.24023234E-12	0.58487926E-12
232	-0.18320469E-12	0.54822591E-12
233	-0.13171369E-12	0.47777651E-12
234	-0.88151925E-13	0.39225085E-12
235	-0.53330407E-13	0.30471844E-12
236	-0.26994806E-13	0.22358909E-12
237	-0.82422015E-14	0.15357141E-12
238	0.41535485E-14	0.96575905E-13
239	0.11507772E-13	0.52624155E-13
240	0.15075811E-13	0.20595340E-13
241	0.15964926E-13	-0.12908575E-14
242	0.15086433E-13	-0.15113238E-13
243	0.13141758E-13	-0.22951274E-13
244	0.10632642E-13	-0.26695389E-13
245	0.78860716E-14	-0.27937749E-13
246	0.50871427E-14	-0.27918616E-13
247	0.23154344E-14	-0.27506902E-13
248	-0.41756649E-15	-0.27195043E-13
249	-0.31308682E-14	-0.27102005E-13

STEP DI CARICO NO. 12

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27568433E-02	-0.74311363E-03
2	0.26825322E-02	-0.74310735E-03
3	0.26082227E-02	-0.74307731E-03
4	0.25339180E-02	-0.74300321E-03
5	0.24596239E-02	-0.74286835E-03
6	0.23853474E-02	-0.74264489E-03
7	0.23111003E-02	-0.74226415E-03
8	0.22369039E-02	-0.74160384E-03
9	0.21627946E-02	-0.74049243E-03
10	0.20888275E-02	-0.73871599E-03
11	0.20150843E-02	-0.73595042E-03
12	0.19416873E-02	-0.73168892E-03
13	0.18688189E-02	-0.72525413E-03
14	0.17967363E-02	-0.71582664E-03
15	0.17257840E-02	-0.70248457E-03
16	0.16564021E-02	-0.68425830E-03
17	0.15891267E-02	-0.66020421E-03
18	0.15245863E-02	-0.62939856E-03
19	0.14635056E-02	-0.59083488E-03
20	0.14067157E-02	-0.54338074E-03
21	0.13551675E-02	-0.48578571E-03
22	0.13099419E-02	-0.41669223E-03
23	0.12722596E-02	-0.33467810E-03
24	0.12434840E-02	-0.23833169E-03
25	0.12251142E-02	-0.12635731E-03
26	0.12187696E-02	0.23300740E-05
27	0.12261624E-02	0.14848045E-03
28	0.12490659E-02	0.31263664E-03
29	0.12893101E-02	0.49540290E-03
30	0.13487905E-02	0.69749006E-03
31	0.14294790E-02	0.91970636E-03
32	0.15334325E-02	0.11629438E-02
33	0.16628002E-02	0.14281550E-02
34	0.18198289E-02	0.17163282E-02
35	0.20068665E-02	0.20285198E-02
36	0.22251846E-02	0.23302610E-02
37	0.24714253E-02	0.25871978E-02
38	0.27411771E-02	0.28007263E-02
39	0.30301739E-02	0.29723567E-02
40	0.33343059E-02	0.31037130E-02
41	0.36496320E-02	0.31965324E-02
42	0.39723897E-02	0.32526664E-02
43	0.42990078E-02	0.32740813E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.46261181E-02	0.32628584E-02
45	0.49505648E-02	0.32211945E-02
46	0.52694194E-02	0.31514035E-02
47	0.55799889E-02	0.30559152E-02
48	0.58798306E-02	0.29372771E-02
49	0.61667617E-02	0.27981536E-02
50	0.64388714E-02	0.26413270E-02
51	0.66945334E-02	0.24696973E-02
52	0.69324179E-02	0.22862817E-02
53	0.71515017E-02	0.20942169E-02
54	0.73510818E-02	0.18967664E-02
55	0.75307884E-02	0.16973292E-02
56	0.76905992E-02	0.14994409E-02
57	0.78308508E-02	0.13067733E-02
58	0.79522552E-02	0.11231346E-02
59	0.80559105E-02	0.95246779E-03
60	0.81433170E-02	0.79884689E-03
61	0.82155718E-02	0.64199575E-03
62	0.82709361E-02	0.46175637E-03
63	0.83072912E-02	0.26255482E-03
64	0.83229654E-02	0.48910129E-04
65	0.83167451E-02	-0.17458409E-03
66	0.82878759E-02	-0.40327184E-03
67	0.82360748E-02	-0.63243916E-03
68	0.81615318E-02	-0.85728790E-03
69	0.80649247E-02	-0.10729063E-02
70	0.79474254E-02	-0.12742695E-02
71	0.78107170E-02	-0.14562391E-02
72	0.76569109E-02	-0.16162174E-02
73	0.74882070E-02	-0.17541959E-02
74	0.73068063E-02	-0.18701364E-02
75	0.71149170E-02	-0.19639551E-02
76	0.69147572E-02	-0.20355152E-02
77	0.67085624E-02	-0.20846191E-02
78	0.64985906E-02	-0.21110056E-02
79	0.62871296E-02	-0.21143474E-02
80	0.60765021E-02	-0.20942590E-02
81	0.58690729E-02	-0.20503132E-02
82	0.56672501E-02	-0.19820561E-02
83	0.54734922E-02	-0.18888859E-02
84	0.52903313E-02	-0.17699546E-02
85	0.51203938E-02	-0.16242448E-02
86	0.49659503E-02	-0.14644990E-02
87	0.48275334E-02	-0.13035771E-02
88	0.47052945E-02	-0.11408759E-02
89	0.45994236E-02	-0.97621389E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.45101168E-02	-0.80959126E-03
91	0.44375705E-02	-0.64100797E-03
92	0.43819807E-02	-0.47046394E-03
93	0.43435432E-02	-0.29795928E-03
94	0.43224543E-02	-0.12349393E-03
95	0.43189097E-02	0.52932097E-04
96	0.43331059E-02	0.23131882E-03
97	0.43652388E-02	0.41166620E-03
98	0.44155046E-02	0.59397426E-03
99	0.44840989E-02	0.77824300E-03
100	0.45712185E-02	0.96447248E-03
101	0.46770591E-02	0.11526626E-02
102	0.48018163E-02	0.13428134E-02
103	0.49456870E-02	0.15349311E-02
104	0.51088710E-02	0.17290983E-02
105	0.52915826E-02	0.19255374E-02
106	0.54940660E-02	0.21246108E-02
107	0.57166093E-02	0.23268207E-02
108	0.59595564E-02	0.25328097E-02
109	0.62233233E-02	0.27433601E-02
110	0.65084109E-02	0.29593939E-02
111	0.68146302E-02	0.31582667E-02
112	0.71387421E-02	0.33174730E-02
113	0.74768472E-02	0.34383554E-02
114	0.78251855E-02	0.35223959E-02
115	0.81801526E-02	0.35712165E-02
116	0.85383132E-02	0.35865791E-02
117	0.88964161E-02	0.35703857E-02
118	0.92514064E-02	0.35246783E-02
119	0.96004410E-02	0.34516386E-02
120	0.99409008E-02	0.33535885E-02
121	0.10270407E-01	0.32329897E-02
122	0.10586834E-01	0.30924440E-02
123	0.10888322E-01	0.29346929E-02
124	0.11173295E-01	0.27626185E-02
125	0.11440469E-01	0.25792418E-02
126	0.11688872E-01	0.23877248E-02
127	0.11917853E-01	0.21913687E-02
128	0.12127099E-01	0.19936152E-02
129	0.12316649E-01	0.17980457E-02
130	0.12486905E-01	0.16083814E-02
131	0.12638651E-01	0.14284839E-02
132	0.12773061E-01	0.12623543E-02
133	0.12891718E-01	0.11141339E-02
134	0.12996627E-01	0.98810403E-03
135	0.13090226E-01	0.88868564E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.13173813E-01	0.77273173E-03
137	0.13242788E-01	0.59723499E-03
138	0.13291437E-01	0.36703644E-03
139	0.13314538E-01	0.87117085E-04
140	0.13307374E-01	-0.23740208E-03
141	0.13265746E-01	-0.60126017E-03
142	0.13185990E-01	-0.99905638E-03
143	0.13064988E-01	-0.14252497E-02
144	0.12900183E-01	-0.18741596E-02
145	0.12689593E-01	-0.23399652E-02
146	0.12431826E-01	-0.28167057E-02
147	0.12126091E-01	-0.32982805E-02
148	0.11772216E-01	-0.37784493E-02
149	0.11370661E-01	-0.42508310E-02
150	0.10922527E-01	-0.47089057E-02
151	0.10429578E-01	-0.51460122E-02
152	0.98942500E-02	-0.55553508E-02
153	0.93196649E-02	-0.59299804E-02
154	0.87096468E-02	-0.62628211E-02
155	0.80687348E-02	-0.65466533E-02
156	0.74021951E-02	-0.67741182E-02
157	0.67160400E-02	-0.69377120E-02
158	0.60170367E-02	-0.70297909E-02
159	0.53127250E-02	-0.70425705E-02
160	0.46114302E-02	-0.69681262E-02
161	0.39222762E-02	-0.67983931E-02
162	0.32552013E-02	-0.65251645E-02
163	0.26209718E-02	-0.61400854E-02
164	0.20311959E-02	-0.56346562E-02
165	0.14983402E-02	-0.50002364E-02
166	0.10357411E-02	-0.42280466E-02
167	0.65551372E-03	-0.33723691E-02
168	0.36066351E-03	-0.25348011E-02
169	0.14564829E-03	-0.17843884E-02
170	-0.34302298E-06	-0.11578414E-02
171	-0.90393740E-04	-0.66550652E-03
172	-0.13770106E-03	-0.30087362E-03
173	-0.15430410E-03	-0.48309634E-04
174	-0.15043888E-03	0.11197745E-03
175	-0.13429600E-03	0.20064258E-03
176	-0.11205448E-03	0.23698424E-03
177	-0.88086716E-04	0.23769913E-03
178	-0.65250060E-04	0.21635194E-03
179	-0.45205317E-04	0.18333501E-03
180	-0.28722518E-04	0.14613431E-03
181	-0.15950909E-04	0.10976007E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.66420407E-05	0.77239747E-04
183	-0.32347131E-06	0.50104056E-04
184	0.35731250E-05	0.28799010E-04
185	0.56215449E-05	0.13050392E-04
186	0.63458137E-05	0.21800793E-05
187	0.61912388E-05	-0.46798973E-05
188	0.55132041E-05	-0.84387839E-05
189	0.45785564E-05	-0.99454328E-05
190	0.35747958E-05	-0.99317294E-05
191	0.26231789E-05	-0.89889772E-05
192	0.17929858E-05	-0.75666644E-05
193	0.11151558E-05	-0.59850577E-05
194	0.59425412E-06	-0.44550538E-05
195	0.21829294E-06	-0.31006127E-05
196	-0.33684152E-07	-0.19806444E-05
197	-0.18609725E-06	-0.11085157E-05
198	-0.26313998E-06	-0.46896824E-06
199	-0.28662214E-06	-0.31358518E-07
200	-0.27490083E-06	0.24157711E-06
201	-0.24252722E-06	0.38789770E-06
202	-0.20037280E-06	0.44267298E-06
203	-0.15604355E-06	0.43592081E-06
204	-0.11443435E-06	0.39179727E-06
205	-0.78318763E-07	0.32863363E-06
206	-0.48906848E-07	0.25949322E-06
207	-0.26331943E-07	0.19299816E-06
208	-0.10049087E-07	0.13424697E-06
209	0.85773516E-09	0.85704308E-07
210	0.74513560E-08	0.47949101E-07
211	0.10785323E-07	0.20326915E-07
212	0.11809997E-07	0.15024810E-08
213	0.11324449E-07	-0.10163060E-07
214	0.99600870E-08	-0.16347542E-07
215	0.81861877E-08	-0.18594605E-07
216	0.63285457E-08	-0.18220275E-07
217	0.45944240E-08	-0.16277193E-07
218	0.30989940E-08	-0.13557508E-07
219	0.18902118E-08	-0.10619147E-07
220	0.97039332E-09	-0.78239211E-08
221	0.31374189E-09	-0.53792615E-08
222	-0.12023414E-09	-0.33778560E-08
223	-0.37707343E-09	-0.18337744E-08
224	-0.50110288E-09	-0.71310813E-09
225	-0.53182153E-09	0.43764124E-10
226	-0.50214266E-09	0.50685811E-09
227	-0.43790646E-09	0.74625522E-09

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.35822437E-09	0.82566953E-09
229	-0.27630670E-09	0.79905949E-09
230	-0.20051311E-09	0.70942996E-09
231	-0.13544417E-09	0.58909638E-09
232	-0.82958369E-10	0.46082690E-09
233	-0.43049966E-10	0.33942216E-09
234	-0.14560502E-10	0.23342042E-09
235	0.42774864E-11	0.14671975E-09
236	0.15447577E-10	0.79942969E-10
237	0.20880866E-10	0.31609750E-10
238	0.22296423E-10	-0.91659503E-12
239	0.21120047E-10	-0.20767971E-10
240	0.18460363E-10	-0.31093277E-10
241	0.15123241E-10	-0.34763071E-10
242	0.11648414E-10	-0.34212935E-10
243	0.83566001E-11	-0.31384416E-10
244	0.53991182E-11	-0.27728288E-10
245	0.28052775E-11	-0.24242105E-10
246	0.52520076E-12	-0.21520811E-10
247	-0.15323720E-11	-0.19804132E-10
248	-0.34668598E-11	-0.19024473E-10
249	-0.53572034E-11	-0.18842920E-10

STEP DI CARICO NO. 13

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.27607125E-02	-0.75404107E-03
2	0.26853085E-02	-0.75404183E-03
3	0.26099042E-02	-0.75404422E-03
4	0.25344994E-02	-0.75404812E-03
5	0.24590944E-02	-0.75405382E-03
6	0.23836896E-02	-0.75403403E-03
7	0.23082916E-02	-0.75389195E-03
8	0.22329213E-02	-0.75344782E-03
9	0.21576209E-02	-0.75244275E-03
10	0.20824624E-02	-0.75054500E-03
11	0.20075573E-02	-0.74728194E-03
12	0.19330744E-02	-0.74196799E-03
13	0.18592615E-02	-0.73371822E-03
14	0.17864638E-02	-0.72147936E-03
15	0.17151380E-02	-0.70407428E-03
16	0.16458624E-02	-0.68026420E-03
17	0.15793392E-02	-0.64883300E-03
18	0.15163893E-02	-0.60859526E-03
19	0.14579549E-02	-0.55831316E-03
20	0.14051052E-02	-0.49667730E-03
21	0.13590426E-02	-0.42234513E-03
22	0.13211037E-02	-0.33398822E-03
23	0.12927535E-02	-0.23037790E-03
24	0.12755700E-02	-0.11050986E-03
25	0.12712153E-02	0.26272404E-04
26	0.12814057E-02	0.18049027E-03
27	0.13079162E-02	0.35279492E-03
28	0.13525935E-02	0.54396584E-03
29	0.14173684E-02	0.75490883E-03
30	0.15042686E-02	0.98665291E-03
31	0.16154307E-02	0.12403468E-02
32	0.17531117E-02	0.15172533E-02
33	0.19197009E-02	0.18187439E-02
34	0.21177290E-02	0.21462908E-02
35	0.23498796E-02	0.25014582E-02
36	0.26175592E-02	0.28427751E-02
37	0.29165959E-02	0.31289270E-02
38	0.32415718E-02	0.33618982E-02
39	0.35872732E-02	0.35437993E-02
40	0.39487039E-02	0.36768659E-02
41	0.43210974E-02	0.37634603E-02
42	0.46999296E-02	0.38060693E-02
43	0.50809318E-02	0.38073061E-02

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.54601030E-02	0.37699097E-02
45	0.58337217E-02	0.36967446E-02
46	0.61983597E-02	0.35908010E-02
47	0.65508932E-02	0.34551951E-02
48	0.68885176E-02	0.32931683E-02
49	0.72087585E-02	0.31080879E-02
50	0.75094835E-02	0.29034475E-02
51	0.77889166E-02	0.26828656E-02
52	0.80456501E-02	0.24500866E-02
53	0.82786558E-02	0.22089810E-02
54	0.84873019E-02	0.19635446E-02
55	0.86713582E-02	0.17178993E-02
56	0.88310158E-02	0.14762925E-02
57	0.89668967E-02	0.12430970E-02
58	0.90800663E-02	0.10228119E-02
59	0.91720438E-02	0.82006166E-03
60	0.92448210E-02	0.63959655E-03
61	0.92999218E-02	0.45789091E-03
62	0.93355784E-02	0.25154490E-03
63	0.93495809E-02	0.25685917E-04
64	0.93402397E-02	-0.21443296E-03
65	0.93063982E-02	-0.46343289E-03
66	0.92474408E-02	-0.71580929E-03
67	0.91633108E-02	-0.96593198E-03
68	0.90545211E-02	-0.12080449E-02
69	0.89221653E-02	-0.14362666E-02
70	0.87679317E-02	-0.16445894E-02
71	0.85941153E-02	-0.18268802E-02
72	0.84035266E-02	-0.19800412E-02
73	0.81990780E-02	-0.21040721E-02
74	0.79836827E-02	-0.21989734E-02
75	0.77602542E-02	-0.22647446E-02
76	0.75317048E-02	-0.23013861E-02
77	0.73009478E-02	-0.23088974E-02
78	0.70708962E-02	-0.22872791E-02
79	0.68444633E-02	-0.22365307E-02
80	0.66245613E-02	-0.21566525E-02
81	0.64141038E-02	-0.20476445E-02
82	0.62160031E-02	-0.19095064E-02
83	0.60331733E-02	-0.17422385E-02
84	0.58685266E-02	-0.15458406E-02
85	0.57249763E-02	-0.13203130E-02
86	0.56049027E-02	-0.10816209E-02
87	0.55085588E-02	-0.84573007E-03
88	0.54356633E-02	-0.61264046E-03
89	0.53859372E-02	-0.38235198E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.53590997E-02	-0.15486473E-03
91	0.53548710E-02	0.69821326E-04
92	0.53729704E-02	0.29170618E-03
93	0.54131187E-02	0.51078986E-03
94	0.54750349E-02	0.72707230E-03
95	0.55584400E-02	0.94055355E-03
96	0.56630527E-02	0.11512337E-02
97	0.57885945E-02	0.13591478E-02
98	0.59347949E-02	0.15644437E-02
99	0.61014057E-02	0.17674235E-02
100	0.62882174E-02	0.19685340E-02
101	0.64950702E-02	0.21683720E-02
102	0.67218747E-02	0.23676967E-02
103	0.69686230E-02	0.25674265E-02
104	0.72354092E-02	0.27686378E-02
105	0.75224410E-02	0.29725642E-02
106	0.78300592E-02	0.31805937E-02
107	0.81587480E-02	0.33942701E-02
108	0.85091572E-02	0.36152899E-02
109	0.88821128E-02	0.38455052E-02
110	0.92786318E-02	0.40869210E-02
111	0.96987672E-02	0.43064468E-02
112	0.10138093E-01	0.44711456E-02
113	0.10591251E-01	0.45834840E-02
114	0.11053133E-01	0.46460833E-02
115	0.11518902E-01	0.46617170E-02
116	0.11984008E-01	0.46333116E-02
117	0.12444199E-01	0.45639472E-02
118	0.12895539E-01	0.44568535E-02
119	0.13334425E-01	0.43154126E-02
120	0.13757595E-01	0.41431538E-02
121	0.14162151E-01	0.39437562E-02
122	0.14545569E-01	0.37210581E-02
123	0.14905719E-01	0.34790649E-02
124	0.15240878E-01	0.32219358E-02
125	0.15549746E-01	0.29539841E-02
126	0.15831463E-01	0.26796774E-02
127	0.16085623E-01	0.24036381E-02
128	0.16312292E-01	0.21306418E-02
129	0.16512018E-01	0.18656197E-02
130	0.16685851E-01	0.16136563E-02
131	0.16835360E-01	0.13799908E-02
132	0.16962640E-01	0.11700167E-02
133	0.17070336E-01	0.98928157E-03
134	0.17161660E-01	0.84348751E-03
135	0.17240394E-01	0.73848234E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.17308749E-01	0.61527232E-03
137	0.17360881E-01	0.41503864E-03
138	0.17389402E-01	0.14412811E-03
139	0.17387567E-01	-0.19095499E-03
140	0.17349293E-01	-0.58355404E-03
141	0.17269166E-01	-0.10268630E-02
142	0.17142462E-01	-0.15139278E-02
143	0.16965158E-01	-0.20376465E-02
144	0.16733954E-01	-0.25907678E-02
145	0.16446272E-01	-0.31658842E-02
146	0.16100295E-01	-0.37554253E-02
147	0.15694965E-01	-0.43516592E-02
148	0.15230004E-01	-0.49466952E-02
149	0.14705934E-01	-0.55324906E-02
150	0.14124086E-01	-0.61008506E-02
151	0.13486623E-01	-0.66434303E-02
152	0.12796543E-01	-0.71517355E-02
153	0.12057706E-01	-0.76171239E-02
154	0.11274842E-01	-0.80308020E-02
155	0.10453568E-01	-0.83838245E-02
156	0.96004019E-02	-0.86670918E-02
157	0.87227831E-02	-0.88713514E-02
158	0.78290794E-02	-0.89871958E-02
159	0.69286092E-02	-0.90050660E-02
160	0.60316557E-02	-0.89152465E-02
161	0.51494790E-02	-0.87078689E-02
162	0.42943344E-02	-0.83729122E-02
163	0.34794882E-02	-0.79001999E-02
164	0.27192307E-02	-0.72794026E-02
165	0.20288934E-02	-0.65000341E-02
166	0.14248643E-02	-0.55514523E-02
167	0.92247396E-03	-0.44867392E-02
168	0.52757171E-03	-0.34203669E-02
169	0.23531308E-03	-0.24466196E-02
170	0.33316403E-04	-0.16208147E-02
171	-0.94437382E-04	-0.96263585E-03
172	-0.16467061E-03	-0.46825231E-03
173	-0.19296448E-03	-0.12016785E-03
174	-0.19277848E-03	0.10568779E-03
175	-0.17503154E-03	0.23540485E-03
176	-0.14807127E-03	0.29390925E-03
177	-0.11789346E-03	0.30310065E-03
178	-0.88494002E-04	0.28100586E-03
179	-0.62268868E-04	0.24161355E-03
180	-0.40407263E-04	0.19514211E-03
181	-0.23244445E-04	0.14855069E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.10557322E-04	0.10615338E-03
183	-0.17976175E-05	0.70240647E-04
184	0.37348038E-05	0.41647811E-04
185	0.67707092E-05	0.20217914E-04
186	0.79917227E-05	0.51880911E-05
187	0.79862457E-05	-0.45041907E-05
188	0.72302910E-05	-0.10014274E-04
189	0.60860366E-05	-0.12444985E-04
190	0.48117472E-05	-0.12762096E-04
191	0.35777252E-05	-0.11755967E-04
192	0.24843805E-05	-0.10035041E-04
193	0.15798886E-05	-0.80389691E-05
194	0.87593298E-06	-0.60625066E-05
195	0.36079683E-06	-0.42837564E-05
196	0.96024388E-08	-0.27923843E-05
197	-0.20817042E-06	-0.16157235E-05
198	-0.32361174E-06	-0.74114678E-06
199	-0.36528823E-06	-0.13322359E-06
200	-0.35760416E-06	0.25426814E-06
201	-0.32015481E-06	0.47015368E-06
202	-0.26776317E-06	0.56034662E-06
203	-0.21094695E-06	0.56469554E-06
204	-0.15660400E-06	0.51564660E-06
205	-0.10876716E-06	0.43811150E-06
206	-0.69331705E-07	0.35007625E-06
207	-0.38699557E-07	0.26361164E-06
208	-0.16312965E-07	0.18603934E-06
209	-0.10710484E-08	0.12108619E-06
210	0.83637408E-08	0.69917093E-07
211	0.13353775E-07	0.31990162E-07
212	0.15151189E-07	0.57457150E-08
213	0.14823988E-07	-0.10866644E-07
214	0.13226678E-07	-0.20014475E-07
215	0.11002132E-07	-0.23731140E-07
216	0.86029157E-08	-0.23773838E-07
217	0.63224346E-08	-0.21564420E-07
218	0.43290211E-08	-0.18185332E-07
219	0.26986080E-08	-0.14409054E-07
220	0.14434614E-08	-0.10745243E-07
221	0.53579757E-09	-0.74942870E-08
222	-0.73939854E-10	-0.47996438E-08
223	-0.44382231E-09	-0.26957347E-08
224	-0.63166639E-09	-0.11492127E-08
225	-0.68987294E-09	-0.88931987E-10
226	-0.66270611E-09	0.57374955E-09
227	-0.58532978E-09	0.93022828E-09

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.48404775E-09	0.10650879E-08
229	-0.37728343E-09	0.10508098E-08
230	-0.27691108E-09	0.94577302E-09
231	-0.18967615E-09	0.79431678E-09
232	-0.11854093E-09	0.62806410E-09
233	-0.63860243E-10	0.46790394E-09
234	-0.24345005E-10	0.32619774E-09
235	0.21935286E-11	0.20891824E-09
236	0.18301607E-10	0.11752764E-09
237	0.26513101E-10	0.50558321E-10
238	0.29121219E-10	0.48274470E-11
239	0.28053218E-10	-0.23664565E-10
240	0.24825102E-10	-0.39052712E-10
241	0.20551668E-10	-0.45171089E-10
242	0.15990178E-10	-0.45310648E-10
243	0.11600492E-10	-0.42121574E-10
244	0.76101200E-11	-0.37604826E-10
245	0.40773431E-11	-0.33153608E-10
246	0.94896129E-12	-0.29615494E-10
247	-0.18883447E-11	-0.27355052E-10
248	-0.45628349E-11	-0.26318187E-10
249	-0.71784349E-11	-0.26074906E-10

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.27607E-02	13
2	-0.10000	0.26853E-02	13
3	-0.20000	0.26099E-02	13
4	-0.30000	0.25345E-02	13
5	-0.40000	0.24596E-02	11
6	-0.50000	0.23853E-02	10
7	-0.60000	0.23111E-02	10
8	-0.70000	0.22369E-02	10
9	-0.80000	0.21673E-02	3
10	-0.90000	0.20977E-02	3
11	-1.0000	0.20282E-02	3
12	-1.1000	0.19586E-02	3
13	-1.2000	0.18890E-02	3
14	-1.3000	0.18195E-02	3
15	-1.4000	0.17499E-02	3
16	-1.5000	0.16803E-02	3
17	-1.6000	0.16132E-02	5
18	-1.7000	0.15531E-02	5
19	-1.8000	0.14963E-02	5
20	-1.9000	0.14432E-02	5
21	-2.0000	0.13942E-02	5
22	-2.1000	0.13498E-02	5
23	-2.2000	0.13105E-02	5
24	-2.3000	0.12767E-02	5
25	-2.4000	0.12712E-02	13
26	-2.5000	0.12814E-02	13
27	-2.6000	0.13079E-02	13
28	-2.7000	0.13526E-02	13
29	-2.8000	0.14174E-02	13
30	-2.9000	0.15043E-02	13
31	-3.0000	0.16154E-02	13
32	-3.1000	0.17531E-02	13
33	-3.2000	0.19197E-02	13
34	-3.3000	0.21177E-02	13
35	-3.4000	0.23499E-02	13
36	-3.5000	0.26176E-02	13
37	-3.6000	0.29166E-02	13
38	-3.7000	0.32416E-02	13

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.35873E-02	13
40	-3.9000	0.39487E-02	13
41	-4.0000	0.43211E-02	13
42	-4.1000	0.46999E-02	13
43	-4.2000	0.50809E-02	13
44	-4.3000	0.54601E-02	13
45	-4.4000	0.58337E-02	13
46	-4.5000	0.61984E-02	13
47	-4.6000	0.65509E-02	13
48	-4.7000	0.68885E-02	13
49	-4.8000	0.72088E-02	13
50	-4.9000	0.75095E-02	13
51	-5.0000	0.77889E-02	13
52	-5.1000	0.80457E-02	13
53	-5.2000	0.82787E-02	13
54	-5.3000	0.84873E-02	13
55	-5.4000	0.86714E-02	13
56	-5.5000	0.88310E-02	13
57	-5.6000	0.89669E-02	13
58	-5.7000	0.90801E-02	13
59	-5.8000	0.91720E-02	13
60	-5.9000	0.92448E-02	13
61	-6.0000	0.92999E-02	13
62	-6.1000	0.93356E-02	13
63	-6.2000	0.93496E-02	13
64	-6.3000	0.93402E-02	13
65	-6.4000	0.93064E-02	13
66	-6.5000	0.92474E-02	13
67	-6.6000	0.91633E-02	13
68	-6.7000	0.90545E-02	13
69	-6.8000	0.89222E-02	13
70	-6.9000	0.87679E-02	13
71	-7.0000	0.85941E-02	13
72	-7.1000	0.84035E-02	13
73	-7.2000	0.81991E-02	13
74	-7.3000	0.79837E-02	13
75	-7.4000	0.77603E-02	13
76	-7.5000	0.75317E-02	13
77	-7.6000	0.73009E-02	13
78	-7.7000	0.70709E-02	13
79	-7.8000	0.68445E-02	13
80	-7.9000	0.66246E-02	13
81	-8.0000	0.64141E-02	13
82	-8.1000	0.62160E-02	13
83	-8.2000	0.60332E-02	13
84	-8.3000	0.58685E-02	13

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.57250E-02	13
86	-8.5000	0.56049E-02	13
87	-8.6000	0.55086E-02	13
88	-8.7000	0.54357E-02	13
89	-8.8000	0.53859E-02	13
90	-8.9000	0.53591E-02	13
91	-9.0000	0.53549E-02	13
92	-9.1000	0.53730E-02	13
93	-9.2000	0.54131E-02	13
94	-9.3000	0.54750E-02	13
95	-9.4000	0.55584E-02	13
96	-9.5000	0.56631E-02	13
97	-9.6000	0.57886E-02	13
98	-9.7000	0.59348E-02	13
99	-9.8000	0.61014E-02	13
100	-9.9000	0.62882E-02	13
101	-10.000	0.64951E-02	13
102	-10.100	0.67219E-02	13
103	-10.200	0.69686E-02	13
104	-10.300	0.72354E-02	13
105	-10.400	0.75224E-02	13
106	-10.500	0.78301E-02	13
107	-10.600	0.81587E-02	13
108	-10.700	0.85092E-02	13
109	-10.800	0.88821E-02	13
110	-10.900	0.92786E-02	13
111	-11.000	0.96988E-02	13
112	-11.100	0.10138E-01	13
113	-11.200	0.10591E-01	13
114	-11.300	0.11053E-01	13
115	-11.400	0.11519E-01	13
116	-11.500	0.11984E-01	13
117	-11.600	0.12444E-01	13
118	-11.700	0.12896E-01	13
119	-11.800	0.13334E-01	13
120	-11.900	0.13758E-01	13
121	-12.000	0.14162E-01	13
122	-12.100	0.14546E-01	13
123	-12.200	0.14906E-01	13
124	-12.300	0.15241E-01	13
125	-12.400	0.15550E-01	13
126	-12.500	0.15831E-01	13
127	-12.600	0.16086E-01	13
128	-12.700	0.16312E-01	13
129	-12.800	0.16512E-01	13
130	-12.900	0.16686E-01	13

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	0.16835E-01	13
132	-13.100	0.16963E-01	13
133	-13.200	0.17070E-01	13
134	-13.300	0.17162E-01	13
135	-13.400	0.17240E-01	13
136	-13.500	0.17309E-01	13
137	-13.600	0.17361E-01	13
138	-13.700	0.17389E-01	13
139	-13.800	0.17388E-01	13
140	-13.900	0.17349E-01	13
141	-14.000	0.17269E-01	13
142	-14.100	0.17142E-01	13
143	-14.200	0.16965E-01	13
144	-14.300	0.16734E-01	13
145	-14.400	0.16446E-01	13
146	-14.500	0.16100E-01	13
147	-14.600	0.15695E-01	13
148	-14.700	0.15230E-01	13
149	-14.800	0.14706E-01	13
150	-14.900	0.14124E-01	13
151	-15.000	0.13487E-01	13
152	-15.100	0.12797E-01	13
153	-15.200	0.12058E-01	13
154	-15.300	0.11275E-01	13
155	-15.400	0.10454E-01	13
156	-15.500	0.96004E-02	13
157	-15.600	0.87228E-02	13
158	-15.700	0.78291E-02	13
159	-15.800	0.69286E-02	13
160	-15.900	0.60317E-02	13
161	-16.000	0.51495E-02	13
162	-16.100	0.42943E-02	13
163	-16.200	0.34795E-02	13
164	-16.300	0.27192E-02	13
165	-16.400	0.20289E-02	13
166	-16.500	0.14249E-02	13
167	-16.600	0.92247E-03	13
168	-16.700	0.52757E-03	13
169	-16.800	0.23531E-03	13
170	-16.900	0.33316E-04	13
171	-17.000	-0.94437E-04	13
172	-17.100	-0.16467E-03	13
173	-17.200	-0.19296E-03	13
174	-17.300	-0.19278E-03	13
175	-17.400	-0.17503E-03	13
176	-17.500	-0.14807E-03	13

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
177	-17.600	-0.11789E-03	13
178	-17.700	-0.88494E-04	13
179	-17.800	-0.62269E-04	13
180	-17.900	-0.40407E-04	13
181	-18.000	-0.23244E-04	13
182	-18.100	-0.10557E-04	13
183	-18.200	-0.17976E-05	13
184	-18.300	0.37348E-05	13
185	-18.400	0.67707E-05	13
186	-18.500	0.79917E-05	13
187	-18.600	0.79862E-05	13
188	-18.700	0.72303E-05	13
189	-18.800	0.60860E-05	13
190	-18.900	0.48117E-05	13
191	-19.000	0.35777E-05	13
192	-19.100	0.24844E-05	13
193	-19.200	0.15799E-05	13
194	-19.300	0.87593E-06	13
195	-19.400	0.36080E-06	13
196	-19.500	-0.33684E-07	12
197	-19.600	-0.20817E-06	13
198	-19.700	-0.32361E-06	13
199	-19.800	-0.36529E-06	13
200	-19.900	-0.35760E-06	13
201	-20.000	-0.32015E-06	13
202	-20.100	-0.26776E-06	13
203	-20.200	-0.21095E-06	13
204	-20.300	-0.15660E-06	13
205	-20.400	-0.10877E-06	13
206	-20.500	-0.69332E-07	13
207	-20.600	-0.38700E-07	13
208	-20.700	-0.16313E-07	13
209	-20.800	-0.10710E-08	13
210	-20.900	0.83637E-08	13
211	-21.000	0.13354E-07	13
212	-21.100	0.15151E-07	13
213	-21.200	0.14824E-07	13
214	-21.300	0.13227E-07	13
215	-21.400	0.11002E-07	13
216	-21.500	0.86029E-08	13
217	-21.600	0.63224E-08	13
218	-21.700	0.43290E-08	13
219	-21.800	0.26986E-08	13
220	-21.900	0.14435E-08	13
221	-22.000	0.53580E-09	13
222	-22.100	-0.12023E-09	12

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
223	-22.200	-0.44382E-09	13
224	-22.300	-0.63167E-09	13
225	-22.400	-0.68987E-09	13
226	-22.500	-0.66271E-09	13
227	-22.600	-0.58533E-09	13
228	-22.700	-0.48405E-09	13
229	-22.800	-0.37728E-09	13
230	-22.900	-0.27691E-09	13
231	-23.000	-0.18968E-09	13
232	-23.100	-0.11854E-09	13
233	-23.200	-0.63860E-10	13
234	-23.300	-0.24345E-10	13
235	-23.400	0.42775E-11	12
236	-23.500	0.18302E-10	13
237	-23.600	0.26513E-10	13
238	-23.700	0.29121E-10	13
239	-23.800	0.28053E-10	13
240	-23.900	0.24825E-10	13
241	-24.000	0.20552E-10	13
242	-24.100	0.15990E-10	13
243	-24.200	0.11600E-10	13
244	-24.300	0.76101E-11	13
245	-24.400	0.40773E-11	13
246	-24.500	0.94896E-12	13
247	-24.600	-0.18883E-11	13
248	-24.700	-0.45628E-11	13
249	-24.800	-0.71784E-11	13

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 13
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.1492E-11	0.7674E-12	0.3028E-01
	B	-0.1000	0.3028E-02	0.5950E-04	0.3028E-01
2	A	-0.1000	0.3028E-02	0.5950E-04	0.8551E-01
	B	-0.2000	0.1158E-01	0.1190E-03	0.8551E-01
3	A	-0.2000	0.1158E-01	0.1190E-03	0.1351
	B	-0.3000	0.2509E-01	0.1785E-03	0.1351
4	A	-0.3000	0.2509E-01	0.1785E-03	0.1784
	B	-0.4000	0.4293E-01	0.2484E-03	0.1784
5	A	-0.4000	0.4293E-01	0.2484E-03	0.2262
	B	-0.5000	0.6555E-01	0.2558E-12	0.2262
6	A	-0.5000	0.6555E-01	0.1720E-11	0.2882
	B	-0.6000	0.9437E-01	0.	0.2882
7	A	-0.6000	0.9437E-01	0.	0.3611
	B	-0.7000	0.1305	0.	0.3611
8	A	-0.7000	0.1305	0.	0.4400
	B	-0.8000	0.1745	0.	0.4400
9	A	-0.8000	0.1745	0.	0.5184
	B	-0.9000	0.2263	0.	0.5184
10	A	-0.9000	0.2263	0.	0.6465
	B	-1.000	0.2910	0.	0.6465
11	A	-1.000	0.2910	0.	0.9248
	B	-1.100	0.3729	0.	0.9248
12	A	-1.100	0.3729	0.	1.295
	B	-1.200	0.4751	0.	1.295
13	A	-1.200	0.4751	0.	1.721
	B	-1.300	0.5986	0.	1.721
14	A	-1.300	0.5986	0.	2.185
	B	-1.400	0.7671	0.	2.185
15	A	-1.400	0.7671	0.	2.658
	B	-1.500	1.033	0.	2.658
16	A	-1.500	1.033	0.	3.104
	B	-1.600	1.343	0.	3.104
17	A	-1.600	1.343	0.	3.554
	B	-1.700	1.699	0.	3.554

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	1.699	0.	4.040
	B	-1.800	2.103	0.	4.040
19	A	-1.800	2.103	0.	4.544
	B	-1.900	2.557	0.	4.544
20	A	-1.900	2.557	0.	5.055
	B	-2.000	3.062	0.	5.055
21	A	-2.000	3.062	0.	5.548
	B	-2.100	3.617	0.8876E-07	5.548
22	A	-2.100	3.617	0.8876E-07	5.983
	B	-2.200	4.216	0.7204E-06	5.983
23	A	-2.200	4.216	0.7204E-06	6.307
	B	-2.300	4.846	0.1352E-05	6.307
24	A	-2.300	4.846	0.1352E-05	6.480
	B	-2.400	5.494	0.1984E-05	6.480
25	A	-2.400	5.494	0.1984E-05	6.702
	B	-2.500	6.165	0.	6.702
26	A	-2.500	6.165	0.	6.972
	B	-2.600	6.862	0.	6.972
27	A	-2.600	6.862	0.	7.291
	B	-2.700	7.591	0.	7.291
28	A	-2.700	7.591	0.	7.657
	B	-2.800	8.356	0.	7.657
29	A	-2.800	8.356	0.	8.069
	B	-2.900	9.163	0.	8.069
30	A	-2.900	9.163	0.	8.525
	B	-3.000	10.02	0.	8.525
31	A	-3.000	10.02	0.	9.024
	B	-3.100	10.92	0.	9.024
32	A	-3.100	10.92	0.	9.562
	B	-3.200	11.87	0.	9.562
33	A	-3.200	11.87	0.	10.14
	B	-3.300	12.89	0.	10.14
34	A	-3.300	12.89	0.	10.74
	B	-3.400	13.96	0.	10.74
35	A	-3.400	13.96	0.	21.22
	B	-3.500	11.84	0.	21.22
36	A	-3.500	11.84	0.	20.49
	B	-3.600	9.792	0.	20.49
37	A	-3.600	9.792	0.	19.72
	B	-3.700	7.821	0.	19.72
38	A	-3.700	7.821	0.	18.89
	B	-3.800	5.931	0.	18.89
39	A	-3.800	5.931	0.	18.02
	B	-3.900	4.222	0.7834	18.02
40	A	-3.900	4.222	0.7834	17.11
	B	-4.000	2.907	1.753	17.11

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	2.907	1.753	16.14
	B	-4.100	2.723	2.651	16.14
42	A	-4.100	2.723	2.651	15.13
	B	-4.200	2.383	3.473	15.13
43	A	-4.200	2.383	3.473	14.07
	B	-4.300	1.973	4.214	14.07
44	A	-4.300	1.973	4.214	12.97
	B	-4.400	1.559	4.870	12.97
45	A	-4.400	1.559	4.870	11.81
	B	-4.500	1.174	5.436	11.81
46	A	-4.500	1.174	5.436	10.61
	B	-4.600	0.8353	5.910	10.61
47	A	-4.600	0.8353	5.910	9.363
	B	-4.700	0.5525	6.593	9.363
48	A	-4.700	0.5525	6.593	8.066
	B	-4.800	0.3274	7.399	8.066
49	A	-4.800	0.3274	7.399	6.722
	B	-4.900	0.1568	8.071	6.722
50	A	-4.900	0.1568	8.071	5.567
	B	-5.000	0.3440E-01	8.605	5.567
51	A	-5.000	0.3440E-01	8.605	4.417
	B	-5.100	0.	8.994	4.417
52	A	-5.100	0.	8.994	3.225
	B	-5.200	0.	9.234	3.225
53	A	-5.200	0.	9.234	3.013
	B	-5.300	0.	9.321	3.013
54	A	-5.300	0.	9.321	4.291
	B	-5.400	0.	9.250	4.291
55	A	-5.400	0.	9.250	5.614
	B	-5.500	0.	9.129	5.614
56	A	-5.500	0.	9.129	6.979
	B	-5.600	0.	8.932	6.979
57	A	-5.600	0.	8.932	8.387
	B	-5.700	0.	8.594	8.387
58	A	-5.700	0.	8.594	9.837
	B	-5.800	0.	8.111	9.837
59	A	-5.800	0.	8.111	11.33
	B	-5.900	0.	7.479	11.33
60	A	-5.900	0.	7.479	12.87
	B	-6.000	0.	8.257	12.87
61	A	-6.000	0.	8.257	14.44
	B	-6.100	1.130	8.877	14.44
62	A	-6.100	1.130	8.877	16.07
	B	-6.200	2.736	9.336	16.07
63	A	-6.200	2.736	9.336	17.73
	B	-6.300	4.509	9.627	17.73

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	4.509	9.627	19.44
	B	-6.400	6.453	9.748	19.44
65	A	-6.400	6.453	9.748	10.87
	B	-6.500	7.540	9.695	10.87
66	A	-6.500	7.540	9.695	2.921
	B	-6.600	7.832	9.462	2.921
67	A	-6.600	7.832	9.462	4.166
	B	-6.700	7.521	9.045	4.166
68	A	-6.700	7.521	9.045	7.033
	B	-6.800	6.818	8.558	7.033
69	A	-6.800	6.818	8.558	9.324
	B	-6.900	5.885	7.991	9.324
70	A	-6.900	5.885	7.991	11.01
	B	-7.000	4.843	7.228	11.01
71	A	-7.000	4.843	7.228	11.64
	B	-7.100	3.679	6.464	11.64
72	A	-7.100	3.679	6.464	11.01
	B	-7.200	2.587	5.701	11.01
73	A	-7.200	2.587	5.701	11.01
	B	-7.300	1.660	4.938	11.01
74	A	-7.300	1.660	4.938	11.01
	B	-7.400	0.9352	4.174	11.01
75	A	-7.400	0.9352	4.174	11.01
	B	-7.500	0.4088	3.411	11.01
76	A	-7.500	0.4088	3.411	11.01
	B	-7.600	0.2666	2.648	11.01
77	A	-7.600	0.2666	2.648	11.01
	B	-7.700	1.368	1.884	11.01
78	A	-7.700	1.368	1.884	11.01
	B	-7.800	2.469	1.121	11.01
79	A	-7.800	2.469	1.121	11.01
	B	-7.900	3.570	0.3578	11.01
80	A	-7.900	3.570	0.3578	11.01
	B	-8.000	4.671	0.2772	11.01
81	A	-8.000	4.671	0.2772	11.01
	B	-8.100	5.772	0.2376	11.01
82	A	-8.100	5.772	0.2376	11.01
	B	-8.200	6.873	0.1875	11.01
83	A	-8.200	6.873	0.1875	11.01
	B	-8.300	7.974	0.1367	11.01
84	A	-8.300	7.974	0.1367	11.01
	B	-8.400	9.076	0.9146E-01	11.01
85	A	-8.400	9.076	0.9146E-01	9.928
	B	-8.500	8.970	0.5471E-01	9.928
86	A	-8.500	8.970	0.5471E-01	9.928
	B	-8.600	9.234	0.2725E-01	9.928

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	9.234	0.2725E-01	9.928
	B	-8.700	10.23	0.8361E-02	9.928
88	A	-8.700	10.23	0.8361E-02	9.928
	B	-8.800	11.22	0.	9.928
89	A	-8.800	11.22	0.	10.98
	B	-8.900	12.32	0.	10.98
90	A	-8.900	12.32	0.	6.332
	B	-9.000	11.68	0.	6.332
91	A	-9.000	11.68	0.	15.97
	B	-9.100	10.09	0.	15.97
92	A	-9.100	10.09	0.	19.85
	B	-9.200	8.228	0.	19.85
93	A	-9.200	8.228	0.	19.87
	B	-9.300	8.123	0.	19.87
94	A	-9.300	8.123	0.	17.92
	B	-9.400	8.017	0.	17.92
95	A	-9.400	8.017	0.	15.05
	B	-9.500	7.911	0.	15.05
96	A	-9.500	7.911	0.	11.87
	B	-9.600	7.808	0.	11.87
97	A	-9.600	7.808	0.	8.792
	B	-9.700	7.713	0.8840E-07	8.792
98	A	-9.700	7.713	0.8840E-07	6.067
	B	-9.800	7.632	0.3492E-06	6.067
99	A	-9.800	7.632	0.3492E-06	3.823
	B	-9.900	7.572	0.2370	3.823
100	A	-9.900	7.572	0.2370	2.088
	B	-10.00	7.536	0.4458	2.088
101	A	-10.00	7.536	0.4458	1.928
	B	-10.10	7.533	0.5289	1.928
102	A	-10.10	7.533	0.5289	1.923
	B	-10.20	7.567	0.5272	1.923
103	A	-10.20	7.567	0.5272	1.866
	B	-10.30	7.645	0.4739	1.866
104	A	-10.30	7.645	0.4739	1.755
	B	-10.40	7.772	0.3937	1.755
105	A	-10.40	7.772	0.3937	1.828
	B	-10.50	7.955	0.3062	1.828
106	A	-10.50	7.955	0.3062	2.441
	B	-10.60	8.199	0.2234	2.441
107	A	-10.60	8.199	0.2234	3.111
	B	-10.70	8.510	0.1516	3.111
108	A	-10.70	8.510	0.1516	3.840
	B	-10.80	8.894	0.9317E-01	3.840
109	A	-10.80	8.894	0.9317E-01	4.627
	B	-10.90	9.357	0.4874E-01	4.627

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	9.357	0.4874E-01	21.18
	B	-11.00	7.239	0.1724E-01	21.18
111	A	-11.00	7.239	0.1724E-01	20.27
	B	-11.10	5.280	0.9704	20.27
112	A	-11.10	5.280	0.9704	19.31
	B	-11.20	3.858	1.934	19.31
113	A	-11.20	3.858	1.934	18.29
	B	-11.30	2.495	2.838	18.29
114	A	-11.30	2.495	2.838	26.31
	B	-11.40	4.970	3.678	26.31
115	A	-11.40	4.970	3.678	16.08
	B	-11.50	6.113	4.450	16.08
116	A	-11.50	6.113	4.450	14.89
	B	-11.60	6.241	5.146	14.89
117	A	-11.60	6.241	5.146	13.64
	B	-11.70	5.739	5.763	13.64
118	A	-11.70	5.739	5.763	12.33
	B	-11.80	4.902	6.295	12.33
119	A	-11.80	4.902	6.295	10.97
	B	-11.90	3.945	7.060	10.97
120	A	-11.90	3.945	7.060	9.550
	B	-12.00	3.009	8.015	9.550
121	A	-12.00	3.009	8.015	8.481
	B	-12.10	2.161	8.821	8.481
122	A	-12.10	2.161	8.821	7.189
	B	-12.20	1.442	9.473	7.189
123	A	-12.20	1.442	9.473	5.754
	B	-12.30	0.8666	9.966	5.754
124	A	-12.30	0.8666	9.966	4.353
	B	-12.40	0.4312	10.29	4.353
125	A	-12.40	0.4312	10.29	3.097
	B	-12.50	0.1216	10.45	3.097
126	A	-12.50	0.1216	10.45	3.397
	B	-12.60	0.	10.42	3.397
127	A	-12.60	0.	10.42	4.724
	B	-12.70	0.	10.22	4.724
128	A	-12.70	0.	10.22	6.104
	B	-12.80	0.2395E-10	9.820	6.104
129	A	-12.80	0.2395E-10	9.820	7.537
	B	-12.90	0.3319E-10	9.229	7.537
130	A	-12.90	0.3319E-10	9.229	9.024
	B	-13.00	0.3316E-10	8.436	9.024
131	A	-13.00	0.3316E-10	8.436	10.56
	B	-13.10	0.2824E-10	7.438	10.56
132	A	-13.10	0.2824E-10	7.438	12.15
	B	-13.20	0.2150E-10	6.226	12.15

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	0.2150E-10	6.226	14.30
	B	-13.30	0.1492E-10	4.796	14.30
134	A	-13.30	0.1492E-10	4.796	16.54
	B	-13.40	1.091	3.213	16.54
135	A	-13.40	1.091	3.213	30.30
	B	-13.50	2.815	6.172	30.30
136	A	-13.50	2.815	6.172	27.93
	B	-13.60	4.720	8.965	27.93
137	A	-13.60	4.720	8.965	25.50
	B	-13.70	6.811	11.52	25.50
138	A	-13.70	6.811	11.52	23.01
	B	-13.80	9.093	13.82	23.01
139	A	-13.80	9.093	13.82	33.03
	B	-13.90	12.40	15.86	33.03
140	A	-13.90	12.40	15.86	17.87
	B	-14.00	13.30	17.65	17.87
141	A	-14.00	13.30	17.65	15.21
	B	-14.10	12.63	19.17	15.21
142	A	-14.10	12.63	19.17	15.68
	B	-14.20	11.07	20.42	15.68
143	A	-14.20	11.07	20.42	19.63
	B	-14.30	9.102	21.39	19.63
144	A	-14.30	9.102	21.39	20.06
	B	-14.40	7.096	22.08	20.06
145	A	-14.40	7.096	22.08	18.60
	B	-14.50	5.236	22.48	18.60
146	A	-14.50	5.236	22.48	16.18
	B	-14.60	3.617	22.59	16.18
147	A	-14.60	3.617	22.59	13.27
	B	-14.70	2.290	22.39	13.27
148	A	-14.70	2.290	22.39	10.30
	B	-14.80	1.260	21.89	10.30
149	A	-14.80	1.260	21.89	8.154
	B	-14.90	0.5056	21.08	8.154
150	A	-14.90	0.5056	21.08	11.34
	B	-15.00	0.1053E-02	19.94	11.34
151	A	-15.00	0.1053E-02	19.94	14.58
	B	-15.10	0.4174E-03	18.49	14.58
152	A	-15.10	0.4174E-03	18.49	17.87
	B	-15.20	0.4001E-13	16.70	17.87
153	A	-15.20	0.4001E-13	16.70	21.22
	B	-15.30	0.2866E-13	14.58	21.22
154	A	-15.30	0.2866E-13	14.58	24.63
	B	-15.40	0.1812E-13	12.11	24.63
155	A	-15.40	0.1812E-13	12.11	28.10
	B	-15.50	0.1056E-13	9.302	28.10

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	0.1056E-13	9.302	31.63
	B	-15.60	0.1679E-10	6.140	31.63
157	A	-15.60	0.1679E-10	6.140	35.21
	B	-15.70	0.6294E-10	2.618	35.21
158	A	-15.70	0.6294E-10	2.618	38.86
	B	-15.80	1.267	0.2577	38.86
159	A	-15.80	1.267	0.2577	42.56
	B	-15.90	5.523	0.1829	42.56
160	A	-15.90	5.523	0.1829	46.32
	B	-16.00	10.15	0.1200	46.32
161	A	-16.00	10.15	0.1200	50.13
	B	-16.10	15.17	0.7026E-01	50.13
162	A	-16.10	15.17	0.7026E-01	54.01
	B	-16.20	20.57	0.3309E-01	54.01
163	A	-16.20	20.57	0.3309E-01	57.94
	B	-16.30	26.36	0.7118E-02	57.94
164	A	-16.30	26.36	0.7118E-02	61.94
	B	-16.40	32.56	0.2551E-04	61.94
165	A	-16.40	32.56	0.2551E-04	65.99
	B	-16.50	39.16	0.4314E-05	65.99
166	A	-16.50	39.16	0.4314E-05	21.81
	B	-16.60	41.34	0.1375E-14	21.81
167	A	-16.60	41.34	0.1375E-14	23.06
	B	-16.70	39.28	0.1171E-14	23.06
168	A	-16.70	39.28	0.1171E-14	49.47
	B	-16.80	34.33	0.2344E-11	49.47
169	A	-16.80	34.33	0.2344E-11	62.37
	B	-16.90	28.10	0.3491E-11	62.37
170	A	-16.90	28.10	0.3491E-11	64.35
	B	-17.00	21.66	0.3765E-11	64.35
171	A	-17.00	21.66	0.3765E-11	59.48
	B	-17.10	15.71	0.3502E-11	59.48
172	A	-17.10	15.71	0.3502E-11	51.13
	B	-17.20	10.60	0.2956E-11	51.13
173	A	-17.20	10.60	0.2956E-11	41.28
	B	-17.30	6.473	0.7995E-09	41.28
174	A	-17.30	6.473	0.7995E-09	31.40
	B	-17.40	3.333	0.2248E-08	31.40
175	A	-17.40	3.333	0.2248E-08	22.43
	B	-17.50	1.090	0.2908E-08	22.43
176	A	-17.50	1.090	0.2908E-08	14.85
	B	-17.60	0.5062E-03	0.5028	14.85
177	A	-17.60	0.5062E-03	0.5028	8.806
	B	-17.70	0.1161E-05	1.275	8.806
178	A	-17.70	0.1161E-05	1.275	4.271
	B	-17.80	0.2412E-06	1.703	4.271

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
179	A	-17.80	0.2412E-06	1.703	1.081
	B	-17.90	0.6589E-13	1.811	1.081
180	A	-17.90	0.6589E-13	1.811	1.048
	B	-18.00	0.1354E-12	1.712	1.048
181	A	-18.00	0.1354E-12	1.712	2.181
	B	-18.10	0.1589E-12	1.494	2.181
182	A	-18.10	0.1589E-12	1.494	2.721
	B	-18.20	0.1535E-12	1.221	2.721
183	A	-18.20	0.1535E-12	1.221	2.812
	B	-18.30	0.1319E-12	0.9402	2.812
184	A	-18.30	0.1319E-12	0.9402	2.603
	B	-18.40	0.1046E-12	0.6799	2.603
185	A	-18.40	0.1046E-12	0.6799	2.236
	B	-18.50	0.7676E-13	0.4563	2.236
186	A	-18.50	0.7676E-13	0.4563	1.800
	B	-18.60	0.7052E-10	0.2764	1.800
187	A	-18.60	0.7052E-10	0.2764	1.362
	B	-18.70	0.1113E-09	0.1402	1.362
188	A	-18.70	0.1113E-09	0.1402	0.9658
	B	-18.80	0.1239E-09	0.4359E-01	0.9658
189	A	-18.80	0.1239E-09	0.4359E-01	0.6321
	B	-18.90	0.2298E-01	0.3858E-04	0.6321
190	A	-18.90	0.2298E-01	0.3858E-04	0.3683
	B	-19.00	0.5645E-01	0.6578E-07	0.3683
191	A	-19.00	0.5645E-01	0.6578E-07	0.1721
	B	-19.10	0.7366E-01	0.2049E-07	0.1721
192	A	-19.10	0.7366E-01	0.2049E-07	0.3590E-01
	B	-19.20	0.7725E-01	0.5685E-14	0.3590E-01
193	A	-19.20	0.7725E-01	0.5685E-14	0.5072E-01
	B	-19.30	0.7217E-01	0.5493E-14	0.5072E-01
194	A	-19.30	0.7217E-01	0.5493E-14	0.9875E-01
	B	-19.40	0.6230E-01	0.5156E-14	0.9875E-01
195	A	-19.40	0.6230E-01	0.5156E-14	0.1185
	B	-19.50	0.5045E-01	0.4692E-14	0.1185
196	A	-19.50	0.5045E-01	0.4692E-14	0.1194
	B	-19.60	0.3851E-01	0.4133E-14	0.1194
197	A	-19.60	0.3851E-01	0.4133E-14	0.1090
	B	-19.70	0.2761E-01	0.3515E-14	0.1090
198	A	-19.70	0.2761E-01	0.3515E-14	0.9263E-01
	B	-19.80	0.1835E-01	0.2245E-11	0.9263E-01
199	A	-19.80	0.1835E-01	0.2245E-11	0.7402E-01
	B	-19.90	0.1095E-01	0.4460E-11	0.7402E-01
200	A	-19.90	0.1095E-01	0.4460E-11	0.5571E-01
	B	-20.00	0.5375E-02	0.5369E-11	0.5571E-01
201	A	-20.00	0.5375E-02	0.5369E-11	0.3931E-01
	B	-20.10	0.1444E-02	0.5394E-11	0.3931E-01

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
202	A	-20.10	0.1444E-02	0.5394E-11	0.2559E-01
	B	-20.20	0.2071E-05	0.1161E-02	0.2559E-01
203	A	-20.20	0.2071E-05	0.1161E-02	0.1478E-01
	B	-20.30	0.2538E-06	0.2593E-02	0.1478E-01
204	A	-20.30	0.2538E-06	0.2593E-02	0.6756E-02
	B	-20.40	0.9551E-09	0.3269E-02	0.6756E-02
205	A	-20.40	0.9551E-09	0.3269E-02	0.1183E-02
	B	-20.50	0.2613E-15	0.3387E-02	0.1183E-02
206	A	-20.50	0.2613E-15	0.3387E-02	0.2370E-02
	B	-20.60	0.3855E-15	0.3150E-02	0.2370E-02
207	A	-20.60	0.3855E-15	0.3150E-02	0.4353E-02
	B	-20.70	0.4449E-15	0.2715E-02	0.4353E-02
208	A	-20.70	0.4449E-15	0.2715E-02	0.5187E-02
	B	-20.80	0.4531E-15	0.2196E-02	0.5187E-02
209	A	-20.80	0.4531E-15	0.2196E-02	0.5233E-02
	B	-20.90	0.4445E-15	0.1673E-02	0.5233E-02
210	A	-20.90	0.4445E-15	0.1673E-02	0.4778E-02
	B	-21.00	0.2765E-13	0.1195E-02	0.4778E-02
211	A	-21.00	0.2765E-13	0.1195E-02	0.4054E-02
	B	-21.10	0.1518E-12	0.7893E-03	0.4054E-02
212	A	-21.10	0.1518E-12	0.7893E-03	0.3228E-02
	B	-21.20	0.2077E-12	0.4666E-03	0.3228E-02
213	A	-21.20	0.2077E-12	0.4666E-03	0.2416E-02
	B	-21.30	0.2202E-12	0.2250E-03	0.2416E-02
214	A	-21.30	0.2202E-12	0.2250E-03	0.1690E-02
	B	-21.40	0.2038E-12	0.5597E-04	0.1690E-02
215	A	-21.40	0.2038E-12	0.5597E-04	0.1087E-02
	B	-21.50	0.5274E-04	0.1274E-06	0.1087E-02
216	A	-21.50	0.5274E-04	0.1274E-06	0.6155E-03
	B	-21.60	0.1143E-03	0.3628E-07	0.6155E-03
217	A	-21.60	0.1143E-03	0.3628E-07	0.2688E-03
	B	-21.70	0.1412E-03	0.6131E-10	0.2688E-03
218	A	-21.70	0.1412E-03	0.6131E-10	0.3146E-04
	B	-21.80	0.1443E-03	0.2685E-16	0.3146E-04
219	A	-21.80	0.1443E-03	0.2685E-16	0.1165E-03
	B	-21.90	0.1327E-03	0.3627E-16	0.1165E-03
220	A	-21.90	0.1327E-03	0.3627E-16	0.1956E-03
	B	-22.00	0.1131E-03	0.3931E-16	0.1956E-03
221	A	-22.00	0.1131E-03	0.3931E-16	0.2249E-03
	B	-22.10	0.9061E-04	0.3900E-16	0.2249E-03
222	A	-22.10	0.9061E-04	0.3900E-16	0.2217E-03
	B	-22.20	0.6845E-04	0.4349E-16	0.2217E-03
223	A	-22.20	0.6845E-04	0.4349E-16	0.1997E-03
	B	-22.30	0.4847E-04	0.4310E-16	0.1997E-03
224	A	-22.30	0.4847E-04	0.4310E-16	0.1679E-03
	B	-22.40	0.3169E-04	0.2562E-14	0.1679E-03

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
225	A	-22.40	0.3169E-04	0.2562E-14	0.1327E-03
	B	-22.50	0.1841E-04	0.4410E-14	0.1327E-03
226	A	-22.50	0.1841E-04	0.4410E-14	0.9877E-04
	B	-22.60	0.8536E-05	0.5445E-14	0.9877E-04
227	A	-22.60	0.8536E-05	0.5445E-14	0.6878E-04
	B	-22.70	0.1659E-05	0.5848E-14	0.6878E-04
228	A	-22.70	0.1659E-05	0.5848E-14	0.4397E-04
	B	-22.80	0.6337E-08	0.2738E-05	0.4397E-04
229	A	-22.80	0.6337E-08	0.2738E-05	0.2464E-04
	B	-22.90	0.2228E-08	0.5202E-05	0.2464E-04
230	A	-22.90	0.2228E-08	0.5202E-05	0.1045E-04
	B	-23.00	0.2679E-11	0.6248E-05	0.1045E-04
231	A	-23.00	0.2679E-11	0.6248E-05	0.7338E-06
	B	-23.10	0.2936E-17	0.6321E-05	0.7338E-06
232	A	-23.10	0.2936E-17	0.6321E-05	0.5340E-05
	B	-23.20	0.3112E-17	0.5787E-05	0.5340E-05
233	A	-23.20	0.3112E-17	0.5787E-05	0.8611E-05
	B	-23.30	0.3280E-17	0.4926E-05	0.8611E-05
234	A	-23.30	0.3280E-17	0.4926E-05	0.9855E-05
	B	-23.40	0.3888E-17	0.3940E-05	0.9855E-05
235	A	-23.40	0.3888E-17	0.3940E-05	0.9717E-05
	B	-23.50	0.3949E-17	0.2969E-05	0.9717E-05
236	A	-23.50	0.3949E-17	0.2969E-05	0.8746E-05
	B	-23.60	0.3639E-17	0.2094E-05	0.8746E-05
237	A	-23.60	0.3639E-17	0.2094E-05	0.7311E-05
	B	-23.70	0.3109E-17	0.1363E-05	0.7311E-05
238	A	-23.70	0.3109E-17	0.1363E-05	0.5722E-05
	B	-23.80	0.2483E-17	0.7909E-06	0.5722E-05
239	A	-23.80	0.2483E-17	0.7909E-06	0.4185E-05
	B	-23.90	0.1853E-17	0.3724E-06	0.4185E-05
240	A	-23.90	0.1853E-17	0.3724E-06	0.2823E-05
	B	-24.00	0.1283E-17	0.9010E-07	0.2823E-05
241	A	-24.00	0.1283E-17	0.9010E-07	0.1697E-05
	B	-24.10	0.7982E-07	0.3903E-09	0.1697E-05
242	A	-24.10	0.7982E-07	0.3903E-09	0.8199E-06
	B	-24.20	0.1615E-06	0.2023E-09	0.8199E-06
243	A	-24.20	0.1615E-06	0.2023E-09	0.1838E-06
	B	-24.30	0.1799E-06	0.8079E-10	0.1838E-06
244	A	-24.30	0.1799E-06	0.8079E-10	0.2334E-06
	B	-24.40	0.1566E-06	0.1314E-10	0.2334E-06
245	A	-24.40	0.1566E-06	0.1314E-10	0.4569E-06
	B	-24.50	0.1109E-06	0.2985E-13	0.4569E-06
246	A	-24.50	0.1109E-06	0.2985E-13	0.5090E-06
	B	-24.60	0.5999E-07	0.2854E-14	0.5090E-06
247	A	-24.60	0.5999E-07	0.2854E-14	0.4160E-06
	B	-24.70	0.1839E-07	0.1711E-19	0.4160E-06

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
248	A	-24.70	0.1839E-07	0.1711E-19	0.1839E-06
	B	-24.80	0.8470E-21	0.2541E-20	0.1839E-06

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -3.4000

FASE 1	inattivo		
FASE 2	inattivo		
FASE 3	FORZA	0.24587E-05	kN/m
FASE 4	FORZA	17.083	kN/m
FASE 5	FORZA	17.086	kN/m
FASE 6	FORZA	26.658	kN/m
FASE 7	FORZA	26.658	kN/m
FASE 8	FORZA	26.881	kN/m
FASE 9	FORZA	26.887	kN/m
FASE 10	FORZA	26.941	kN/m
FASE 11	FORZA	26.942	kN/m
FASE 12	FORZA	26.942	kN/m
FASE 13	FORZA	32.597	kN/m

TIRANTE chiodo_2 1 PARETE LeftWall QUOTA -5.9000

FASE 1	inattivo		
FASE 2	inattivo		
FASE 3	inattivo		
FASE 4	inattivo		
FASE 5	FORZA	-0.10414E-04	kN/m
FASE 6	FORZA	15.636	kN/m
FASE 7	FORZA	15.636	kN/m
FASE 8	FORZA	18.468	kN/m
FASE 9	FORZA	18.468	kN/m
FASE 10	FORZA	18.502	kN/m
FASE 11	FORZA	18.502	kN/m
FASE 12	FORZA	18.504	kN/m
FASE 13	FORZA	21.472	kN/m

TIRANTE chiodo_3 1 PARETE LeftWall QUOTA -8.4000

FASE 1	inattivo		
FASE 2	inattivo		
FASE 3	inattivo		
FASE 4	inattivo		
FASE 5	inattivo		
FASE 6	inattivo		
FASE 7	FORZA	0.19634E-07	kN/m
FASE 8	FORZA	9.0502	kN/m
FASE 9	FORZA	9.0502	kN/m
FASE 10	FORZA	10.412	kN/m
FASE 11	FORZA	10.412	kN/m
FASE 12	FORZA	10.441	kN/m
FASE 13	FORZA	12.070	kN/m

TIRANTE chiodo_4 1 PARETE LeftWall QUOTA -10.900

FASE	1	inattivo		
FASE	2	inattivo		
FASE	3	inattivo		
FASE	4	inattivo		
FASE	5	inattivo		
FASE	6	inattivo		
FASE	7	inattivo		
FASE	8	inattivo		
FASE	9	FORZA	0.13560E-04	kN/m
FASE	10	FORZA	10.665	kN/m
FASE	11	FORZA	10.665	kN/m
FASE	12	FORZA	17.922	kN/m
FASE	13	FORZA	26.649	kN/m

TIRANTE chiodo_5 1 PARETE LeftWall QUOTA -13.400

FASE	1	inattivo		
FASE	2	inattivo		
FASE	3	inattivo		
FASE	4	inattivo		
FASE	5	inattivo		
FASE	6	inattivo		
FASE	7	inattivo		
FASE	8	inattivo		
FASE	9	inattivo		
FASE	10	inattivo		
FASE	11	FORZA	0.70576E-05	kN/m
FASE	12	FORZA	36.067	kN/m
FASE	13	FORZA	49.141	kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 13
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.6057	55.00	0.	0.
2	-0.1000	1.200	56.20	0.	0.
3	-0.2000	2.400	57.40	0.	0.
4	-0.3000	3.600	58.60	0.	0.
5	-0.4000	4.800	59.80	0.	0.
6	-0.5000	6.000	61.00	0.	0.
7	-0.6000	7.200	62.20	0.	0.
8	-0.7000	8.400	63.40	0.	0.
9	-0.8000	9.600	64.60	0.	0.
10	-0.9000	10.80	65.80	0.	0.
11	-1.000	12.00	67.00	0.	0.
12	-1.100	13.20	68.20	0.	0.
13	-1.200	14.40	69.40	0.	0.
14	-1.300	15.60	70.60	0.	0.
15	-1.400	16.80	71.80	0.	0.
16	-1.500	18.00	73.00	0.	0.
17	-1.600	19.20	74.20	0.	0.
18	-1.700	20.40	75.40	0.	0.
19	-1.800	21.60	76.60	0.	0.
20	-1.900	22.80	77.80	0.	0.
21	-2.000	24.00	79.00	0.	0.
22	-2.100	25.20	80.20	0.	0.
23	-2.200	26.40	81.40	0.	0.
24	-2.300	27.60	82.60	0.	0.
25	-2.400	28.80	83.63	0.	0.
26	-2.500	30.00	84.61	0.	0.
27	-2.600	31.20	85.60	0.	0.
28	-2.700	32.40	86.58	0.	0.
29	-2.800	33.60	87.57	0.	0.
30	-2.900	34.80	88.55	0.	0.
31	-3.000	36.00	89.54	0.	0.
32	-3.100	37.20	90.52	0.	0.
33	-3.200	38.40	91.51	0.	0.
34	-3.300	39.60	92.50	0.	0.
35	-3.400	40.80	93.48	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	94.47	0.	0.
37	-3.600	43.20	95.45	0.	0.
38	-3.700	44.40	96.44	0.	0.
39	-3.800	45.60	97.42	0.	0.
40	-3.900	46.80	98.41	0.	0.
41	-4.000	48.00	99.40	0.	0.
42	-4.100	49.20	100.4	0.	0.
43	-4.200	50.40	101.4	0.	0.
44	-4.300	51.60	102.4	0.	0.
45	-4.400	54.37	103.3	0.	0.
46	-4.500	56.80	104.3	0.	0.
47	-4.600	58.57	105.3	0.	0.
48	-4.700	59.89	106.3	0.	0.
49	-4.800	60.90	107.3	0.	0.
50	-4.900	61.72	108.3	0.	0.
51	-5.000	62.45	109.3	0.	0.
52	-5.100	63.17	110.2	0.	0.
53	-5.200	63.90	111.2	0.	0.
54	-5.300	64.69	112.2	0.	0.
55	-5.400	65.54	113.2	0.	0.
56	-5.500	66.46	114.2	0.	0.
57	-5.600	67.44	115.2	0.	0.
58	-5.700	68.46	116.2	0.	0.
59	-5.800	69.60	117.1	0.	0.
60	-5.900	70.80	118.1	0.	0.
61	-6.000	72.00	119.1	0.	0.
62	-6.100	73.20	120.1	0.	0.
63	-6.200	74.40	121.1	0.	0.
64	-6.300	75.60	122.1	0.	0.
65	-6.400	76.80	123.1	0.	0.
66	-6.500	78.00	124.0	0.	0.
67	-6.600	79.20	125.0	0.	0.
68	-6.700	80.40	126.0	0.	0.
69	-6.800	81.60	127.0	0.	0.
70	-6.900	82.80	128.0	0.	0.
71	-7.000	168.0	139.0	0.	0.
72	-7.100	174.2	140.4	0.	0.
73	-7.200	183.1	141.7	0.	0.
74	-7.300	187.9	143.1	0.	0.
75	-7.400	190.4	144.4	0.	0.
76	-7.500	191.7	145.8	0.	0.
77	-7.600	192.4	147.1	0.	0.
78	-7.700	193.1	148.4	0.	0.
79	-7.800	193.9	149.8	0.	0.
80	-7.900	195.0	151.1	0.	0.
81	-8.000	196.5	152.5	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	198.3	153.9	0.	0.
83	-8.200	200.4	155.2	0.	0.
84	-8.300	203.1	156.6	0.	0.
85	-8.400	205.8	157.9	0.	0.
86	-8.500	208.5	159.2	0.	0.
87	-8.600	211.2	160.6	0.	0.
88	-8.700	213.9	161.9	0.	0.
89	-8.800	216.6	163.3	0.	0.
90	-8.900	219.3	164.6	0.	0.
91	-9.000	222.0	166.0	0.	0.
92	-9.100	224.7	167.4	0.	0.
93	-9.200	227.4	168.7	0.	0.
94	-9.300	240.3	170.1	0.	0.
95	-9.400	249.2	171.4	0.	0.
96	-9.500	254.0	172.8	0.	0.
97	-9.600	256.2	174.1	0.	0.
98	-9.700	256.8	175.4	0.	0.
99	-9.800	256.7	176.8	0.	0.
100	-9.900	256.4	178.1	0.	0.
101	-10.00	256.3	179.5	0.	0.
102	-10.10	256.6	180.8	0.	0.
103	-10.20	257.4	181.9	0.	0.
104	-10.30	258.7	183.0	0.	0.
105	-10.40	260.1	184.1	0.	0.
106	-10.50	262.5	185.2	0.	0.
107	-10.60	265.2	186.3	0.	0.
108	-10.70	267.9	187.3	0.	0.
109	-10.80	270.6	188.4	0.	0.
110	-10.90	273.3	189.5	0.	0.
111	-11.00	276.0	190.6	0.	0.
112	-11.10	278.7	191.7	0.	0.
113	-11.20	281.4	192.8	0.	0.
114	-11.30	284.1	193.9	0.	0.
115	-11.40	286.8	194.9	0.	0.
116	-11.50	289.5	196.0	0.	0.
117	-11.60	292.2	197.1	0.	0.
118	-11.70	294.9	198.2	0.	0.
119	-11.80	297.6	199.3	0.	0.
120	-11.90	300.9	200.4	0.	0.
121	-12.00	308.1	201.5	0.	0.
122	-12.10	313.2	202.5	0.	0.
123	-12.20	316.8	203.6	0.	0.
124	-12.30	319.3	204.7	0.	0.
125	-12.40	321.1	205.8	0.	0.
126	-12.50	322.7	206.9	0.	0.
127	-12.60	324.1	208.0	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	325.6	209.0	0.	0.
129	-12.80	327.2	210.1	0.	0.
130	-12.90	328.9	211.2	0.	0.
131	-13.00	330.9	212.3	0.	0.
132	-13.10	333.1	213.4	0.	0.
133	-13.20	335.4	214.5	0.	0.
134	-13.30	338.1	215.6	0.	0.
135	-13.40	340.8	216.6	0.	0.
136	-13.50	343.5	217.7	0.	0.
137	-13.60	346.2	218.8	0.	0.
138	-13.70	348.9	219.9	0.	0.
139	-13.80	351.6	221.0	0.	0.
140	-13.90	354.3	222.1	0.	0.
141	-14.00	357.0	223.2	0.	0.
142	-14.10	359.7	224.2	0.	0.
143	-14.20	362.4	225.3	0.	0.
144	-14.30	365.1	226.4	0.	0.
145	-14.40	375.0	227.5	0.	0.
146	-14.50	383.8	228.6	0.	0.
147	-14.60	389.3	229.7	0.	0.
148	-14.70	392.3	230.8	0.	0.
149	-14.80	393.8	231.8	0.	0.
150	-14.90	394.4	232.9	0.	0.
151	-15.00	394.7	234.0	0.	0.
152	-15.10	395.0	235.1	0.	0.
153	-15.20	395.4	236.2	0.	0.
154	-15.30	396.2	237.3	0.	0.
155	-15.40	397.4	238.4	0.	0.
156	-15.50	398.8	239.4	0.	0.
157	-15.60	400.5	240.5	0.	0.
158	-15.70	402.9	241.6	0.	0.
159	-15.80	405.6	242.7	0.	0.
160	-15.90	408.3	243.8	0.	0.
161	-16.00	411.0	244.8	0.	0.
162	-16.10	413.7	245.9	0.	0.
163	-16.20	416.4	247.0	0.	0.
164	-16.30	419.1	248.1	0.	0.
165	-16.40	421.8	249.2	0.	0.
166	-16.50	424.5	247.7	0.	0.
167	-16.60	427.2	226.6	0.	0.
168	-16.70	429.9	153.1	0.	0.
169	-16.80	432.6	98.77	0.	0.
170	-16.90	435.3	63.55	0.	0.
171	-17.00	459.8	55.00	0.	0.
172	-17.10	480.6	55.00	0.	0.
173	-17.20	490.9	55.00	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	493.9	55.00	0.	0.
175	-17.40	492.2	55.00	0.	0.
176	-17.50	488.2	55.00	0.	0.
177	-17.60	483.4	55.00	0.	0.
178	-17.70	478.8	55.00	0.	0.
179	-17.80	475.0	55.00	0.	0.
180	-17.90	472.3	55.00	0.	0.
181	-18.00	470.8	55.00	0.	0.
182	-18.10	470.3	55.00	0.	0.
183	-18.20	470.7	55.12	0.	0.
184	-18.30	473.1	55.75	0.	0.
185	-18.40	475.8	56.26	0.	0.
186	-18.50	478.5	56.49	0.	0.
187	-18.60	481.2	56.49	0.	0.
188	-18.70	483.9	56.34	0.	0.
189	-18.80	486.6	56.13	0.	0.
190	-18.90	489.3	55.90	0.	0.
191	-19.00	492.0	55.67	0.	0.
192	-19.10	494.7	55.46	0.	0.
193	-19.20	497.4	55.29	0.	0.
194	-19.30	500.1	55.16	0.	0.
195	-19.40	502.8	55.07	0.	0.
196	-19.50	505.5	55.01	0.	0.
197	-19.60	508.2	55.00	0.	0.
198	-19.70	511.0	55.00	0.	0.
199	-19.80	513.7	55.00	0.	0.
200	-19.90	516.4	55.00	0.	0.
201	-20.00	519.1	55.00	0.	0.
202	-20.10	521.8	55.00	0.	0.
203	-20.20	524.5	55.00	0.	0.
204	-20.30	527.1	55.00	0.	0.
205	-20.40	529.8	55.00	0.	0.
206	-20.50	532.5	55.00	0.	0.
207	-20.60	535.2	55.00	0.	0.
208	-20.70	537.9	55.00	0.	0.
209	-20.80	540.6	55.00	0.	0.
210	-20.90	543.3	55.00	0.	0.
211	-21.00	546.0	55.00	0.	0.
212	-21.10	548.7	55.00	0.	0.
213	-21.20	551.4	55.00	0.	0.
214	-21.30	554.1	55.00	0.	0.
215	-21.40	556.8	55.00	0.	0.
216	-21.50	559.5	55.00	0.	0.
217	-21.60	562.2	55.00	0.	0.
218	-21.70	564.9	55.00	0.	0.
219	-21.80	567.6	55.00	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
220	-21.90	570.3	55.00	0.	0.
221	-22.00	573.0	55.00	0.	0.
222	-22.10	575.7	55.00	0.	0.
223	-22.20	578.4	55.00	0.	0.
224	-22.30	581.1	55.00	0.	0.
225	-22.40	583.8	55.00	0.	0.
226	-22.50	586.5	55.00	0.	0.
227	-22.60	589.2	55.00	0.	0.
228	-22.70	591.9	55.00	0.	0.
229	-22.80	594.6	55.00	0.	0.
230	-22.90	597.3	55.00	0.	0.
231	-23.00	600.0	55.00	0.	0.
232	-23.10	602.7	55.00	0.	0.
233	-23.20	605.4	55.00	0.	0.
234	-23.30	608.1	55.00	0.	0.
235	-23.40	610.8	55.00	0.	0.
236	-23.50	613.5	55.00	0.	0.
237	-23.60	616.2	55.00	0.	0.
238	-23.70	618.9	55.00	0.	0.
239	-23.80	621.6	55.00	0.	0.
240	-23.90	624.3	55.00	0.	0.
241	-24.00	627.0	55.00	0.	0.
242	-24.10	629.7	55.00	0.	0.
243	-24.20	632.4	55.00	0.	0.
244	-24.30	635.1	55.00	0.	0.
245	-24.40	637.8	55.00	0.	0.
246	-24.50	640.5	55.00	0.	0.
247	-24.60	643.2	55.00	0.	0.
248	-24.70	645.9	55.00	0.	0.
249	-24.80	648.6	55.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 13
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	1.200	0.6000	0.	0.
3	-0.2000	2.400	1.200	0.	0.
4	-0.3000	3.600	1.800	0.	0.
5	-0.4000	4.800	2.400	0.	0.
6	-0.5000	6.000	3.000	0.	0.
7	-0.6000	7.200	3.600	0.	0.
8	-0.7000	8.400	4.200	0.	0.
9	-0.8000	9.600	4.800	0.	0.
10	-0.9000	10.80	5.400	0.	0.
11	-1.000	12.00	6.000	0.	0.
12	-1.100	13.20	6.600	0.	0.
13	-1.200	14.40	7.200	0.	0.
14	-1.300	15.60	7.800	0.	0.
15	-1.400	16.80	8.400	0.	0.
16	-1.500	18.00	9.000	0.	0.
17	-1.600	19.20	9.600	0.	0.
18	-1.700	20.40	10.20	0.	0.
19	-1.800	21.60	10.80	0.	0.
20	-1.900	22.80	11.40	0.	0.
21	-2.000	24.00	12.00	0.	0.
22	-2.100	25.20	12.60	0.	0.
23	-2.200	26.40	13.20	0.	0.
24	-2.300	27.60	13.80	0.	0.
25	-2.400	28.80	14.40	0.	0.
26	-2.500	30.00	15.00	0.	0.
27	-2.600	31.20	15.60	0.	0.
28	-2.700	32.40	16.20	0.	0.
29	-2.800	33.60	16.80	0.	0.
30	-2.900	34.80	17.40	0.	0.
31	-3.000	36.00	18.00	0.	0.
32	-3.100	37.20	18.60	0.	0.
33	-3.200	38.40	19.20	0.	0.
34	-3.300	39.60	19.80	0.	0.
35	-3.400	40.80	20.40	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	21.00	0.	0.
37	-3.600	43.20	21.60	0.	0.
38	-3.700	44.40	22.20	0.	0.
39	-3.800	45.60	22.80	0.	0.
40	-3.900	56.14	28.07	0.	0.
41	-4.000	54.09	25.84	0.	0.
42	-4.100	52.72	24.60	0.	0.
43	-4.200	51.82	25.20	0.	0.
44	-4.300	51.60	25.80	0.	0.
45	-4.400	52.80	26.40	0.	0.
46	-4.500	54.00	27.00	0.	0.
47	-4.600	55.20	27.60	0.	0.
48	-4.700	56.40	28.20	0.	0.
49	-4.800	57.60	28.80	0.	0.
50	-4.900	58.80	29.40	0.	0.
51	-5.000	60.00	30.00	0.	0.
52	-5.100	61.20	30.60	0.	0.
53	-5.200	62.40	31.20	0.	0.
54	-5.300	63.60	31.80	0.	0.
55	-5.400	64.80	32.40	0.	0.
56	-5.500	66.00	33.00	0.	0.
57	-5.600	67.20	33.60	0.	0.
58	-5.700	68.40	34.20	0.	0.
59	-5.800	69.61	34.80	0.	0.
60	-5.900	70.84	35.40	0.	0.
61	-6.000	72.05	36.00	0.	0.
62	-6.100	73.26	36.60	0.	0.
63	-6.200	74.46	37.20	0.	0.
64	-6.300	75.65	37.80	0.	0.
65	-6.400	103.2	51.58	0.	0.
66	-6.500	97.42	47.51	0.	0.
67	-6.600	92.76	43.98	0.	0.
68	-6.700	89.21	41.01	0.	0.
69	-6.800	86.75	40.80	0.	0.
70	-6.900	85.27	41.40	0.	0.
71	-7.000	170.5	78.04	0.	0.
72	-7.100	170.7	75.00	0.	0.
73	-7.200	173.4	73.31	0.	0.
74	-7.300	176.1	72.60	0.	0.
75	-7.400	178.8	72.67	0.	0.
76	-7.500	181.5	73.17	0.	0.
77	-7.600	184.2	73.87	0.	0.
78	-7.700	186.9	74.60	0.	0.
79	-7.800	189.6	75.28	0.	0.
80	-7.900	192.3	75.84	0.	0.
81	-8.000	195.0	76.27	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	197.7	76.58	0.	0.
83	-8.200	200.4	76.76	0.	0.
84	-8.300	203.2	76.86	0.	0.
85	-8.400	206.0	76.90	0.	0.
86	-8.500	208.7	76.91	0.	0.
87	-8.600	211.4	76.90	0.	0.
88	-8.700	214.1	76.89	0.	0.
89	-8.800	216.7	76.87	0.	0.
90	-8.900	261.0	130.5	0.	0.
91	-9.000	245.2	121.3	0.	0.
92	-9.100	232.8	113.7	0.	0.
93	-9.200	227.4	108.2	0.	0.
94	-9.300	230.1	105.0	0.	0.
95	-9.400	232.8	103.5	0.	0.
96	-9.500	235.5	103.0	0.	0.
97	-9.600	238.2	103.2	0.	0.
98	-9.700	240.9	104.0	0.	0.
99	-9.800	243.6	105.0	0.	0.
100	-9.900	246.3	106.0	0.	0.
101	-10.00	249.0	107.0	0.	0.
102	-10.10	251.7	107.9	0.	0.
103	-10.20	254.4	108.6	0.	0.
104	-10.30	257.1	109.1	0.	0.
105	-10.40	259.8	109.5	0.	0.
106	-10.50	262.5	109.7	0.	0.
107	-10.60	265.4	109.8	0.	0.
108	-10.70	268.2	109.8	0.	0.
109	-10.80	270.9	109.8	0.	0.
110	-10.90	273.6	109.8	0.	0.
111	-11.00	276.3	109.8	0.	0.
112	-11.10	278.9	109.8	0.	0.
113	-11.20	281.6	109.7	0.	0.
114	-11.30	284.2	109.7	0.	0.
115	-11.40	322.4	161.2	0.	0.
116	-11.50	313.2	155.2	0.	0.
117	-11.60	306.4	150.5	0.	0.
118	-11.70	301.8	146.9	0.	0.
119	-11.80	299.4	144.3	0.	0.
120	-11.90	300.3	142.6	0.	0.
121	-12.00	303.0	141.6	0.	0.
122	-12.10	305.7	140.7	0.	0.
123	-12.20	308.4	140.4	0.	0.
124	-12.30	311.1	140.5	0.	0.
125	-12.40	313.8	140.8	0.	0.
126	-12.50	316.5	141.2	0.	0.
127	-12.60	319.2	141.6	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	321.9	142.1	0.	0.
129	-12.80	324.6	142.5	0.	0.
130	-12.90	327.3	142.8	0.	0.
131	-13.00	330.0	143.0	0.	0.
132	-13.10	332.7	143.2	0.	0.
133	-13.20	335.4	143.4	0.	0.
134	-13.30	338.2	143.4	0.	0.
135	-13.40	340.9	143.5	0.	0.
136	-13.50	343.6	143.5	0.	0.
137	-13.60	346.4	143.5	0.	0.
138	-13.70	349.0	143.5	0.	0.
139	-13.80	351.7	143.5	0.	0.
140	-13.90	417.9	209.0	0.	0.
141	-14.00	398.6	197.9	0.	0.
142	-14.10	383.1	188.9	0.	0.
143	-14.20	371.1	181.5	0.	0.
144	-14.30	365.1	176.5	0.	0.
145	-14.40	367.8	173.4	0.	0.
146	-14.50	370.5	171.7	0.	0.
147	-14.60	373.2	170.6	0.	0.
148	-14.70	375.9	170.5	0.	0.
149	-14.80	378.6	171.0	0.	0.
150	-14.90	381.3	171.8	0.	0.
151	-15.00	384.0	172.8	0.	0.
152	-15.10	386.7	173.8	0.	0.
153	-15.20	389.4	174.7	0.	0.
154	-15.30	392.1	175.5	0.	0.
155	-15.40	394.8	176.1	0.	0.
156	-15.50	397.5	176.6	0.	0.
157	-15.60	400.2	176.9	0.	0.
158	-15.70	402.9	177.2	0.	0.
159	-15.80	405.8	177.3	0.	0.
160	-15.90	408.6	177.3	0.	0.
161	-16.00	411.3	177.3	0.	0.
162	-16.10	414.0	177.3	0.	0.
163	-16.20	416.7	177.3	0.	0.
164	-16.30	419.3	177.3	0.	0.
165	-16.40	422.0	177.2	0.	0.
166	-16.50	483.0	241.5	0.	0.
167	-16.60	507.6	252.4	0.	0.
168	-16.70	522.9	258.7	0.	0.
169	-16.80	474.0	233.0	0.	0.
170	-16.90	438.0	213.6	0.	0.
171	-17.00	438.0	199.3	0.	0.
172	-17.10	440.7	194.0	0.	0.
173	-17.20	443.4	191.9	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	446.1	192.4	0.	0.
175	-17.40	448.8	194.5	0.	0.
176	-17.50	451.5	197.4	0.	0.
177	-17.60	454.2	200.6	0.	0.
178	-17.70	456.9	203.6	0.	0.
179	-17.80	459.6	206.3	0.	0.
180	-17.90	462.3	208.5	0.	0.
181	-18.00	465.0	210.1	0.	0.
182	-18.10	467.7	211.4	0.	0.
183	-18.20	470.4	212.1	0.	0.
184	-18.30	473.7	212.5	0.	0.
185	-18.40	477.0	212.8	0.	0.
186	-18.50	479.9	212.9	0.	0.
187	-18.60	482.6	213.0	0.	0.
188	-18.70	485.2	212.9	0.	0.
189	-18.80	487.7	212.8	0.	0.
190	-18.90	490.1	212.7	0.	0.
191	-19.00	492.6	212.6	0.	0.
192	-19.10	495.1	212.5	0.	0.
193	-19.20	497.7	212.4	0.	0.
194	-19.30	500.3	212.3	0.	0.
195	-19.40	502.9	212.3	0.	0.
196	-19.50	505.5	212.2	0.	0.
197	-19.60	508.2	212.2	0.	0.
198	-19.70	510.9	212.2	0.	0.
199	-19.80	513.6	212.2	0.	0.
200	-19.90	516.3	212.2	0.	0.
201	-20.00	519.0	212.2	0.	0.
202	-20.10	521.7	212.2	0.	0.
203	-20.20	524.4	212.2	0.	0.
204	-20.30	527.1	212.2	0.	0.
205	-20.40	529.8	212.2	0.	0.
206	-20.50	532.5	212.2	0.	0.
207	-20.60	535.2	212.2	0.	0.
208	-20.70	537.9	212.2	0.	0.
209	-20.80	540.6	212.2	0.	0.
210	-20.90	543.3	212.3	0.	0.
211	-21.00	546.0	212.3	0.	0.
212	-21.10	548.7	212.3	0.	0.
213	-21.20	551.4	212.3	0.	0.
214	-21.30	554.1	212.3	0.	0.
215	-21.40	556.8	212.3	0.	0.
216	-21.50	559.5	212.3	0.	0.
217	-21.60	562.2	212.3	0.	0.
218	-21.70	564.9	212.3	0.	0.
219	-21.80	567.6	212.3	0.	0.

History 0 - Paratia 1 Sez_D - H = 16.5 m 5 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
220	-21.90	570.3	212.3	0.	0.
221	-22.00	573.0	212.3	0.	0.
222	-22.10	575.7	212.2	0.	0.
223	-22.20	578.4	212.2	0.	0.
224	-22.30	581.1	212.2	0.	0.
225	-22.40	583.8	212.2	0.	0.
226	-22.50	586.5	212.2	0.	0.
227	-22.60	589.2	212.2	0.	0.
228	-22.70	591.9	212.2	0.	0.
229	-22.80	594.6	212.2	0.	0.
230	-22.90	597.3	212.2	0.	0.
231	-23.00	600.0	212.2	0.	0.
232	-23.10	602.7	212.2	0.	0.
233	-23.20	605.4	212.2	0.	0.
234	-23.30	608.1	212.2	0.	0.
235	-23.40	610.8	212.2	0.	0.
236	-23.50	613.5	212.2	0.	0.
237	-23.60	616.2	212.2	0.	0.
238	-23.70	618.9	212.3	0.	0.
239	-23.80	621.6	212.2	0.	0.
240	-23.90	624.3	212.2	0.	0.
241	-24.00	627.0	212.2	0.	0.
242	-24.10	629.7	212.2	0.	0.
243	-24.20	632.4	212.3	0.	0.
244	-24.30	635.1	212.2	0.	0.
245	-24.40	637.8	212.2	0.	0.
246	-24.50	640.5	212.2	0.	0.
247	-24.60	643.2	212.2	0.	0.
248	-24.70	645.9	212.3	0.	0.
249	-24.80	648.6	212.2	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7565.9	7565.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7565.9	7565.9
SPINTA ATTIVA (POSSIBILE)	299.18	299.18
SPINTA PASSIVA (POSSIBILE)	82966.	82966.
RAPPORTO PASSIVA/VERA	10.966	10.966
SPINTA PASSIVA MOBILITATA	9.%	9.%
RAPPORTO VERA/ATTIVA	25.289	25.289

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7477.3	7477.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7477.3	7477.3
SPINTA ATTIVA (POSSIBILE)	618.27	135.92
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	61666.
RAPPORTO PASSIVA/VERA	14.620	8.2470
SPINTA PASSIVA MOBILITATA	7.%	12.%
RAPPORTO VERA/ATTIVA	12.094	55.011

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7477.3	7477.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7477.3	7477.3
SPINTA ATTIVA (POSSIBILE)	618.27	135.92
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	61666.
RAPPORTO PASSIVA/VERA	14.620	8.2470
SPINTA PASSIVA MOBILITATA	7.%	12.%
RAPPORTO VERA/ATTIVA	12.094	55.011

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7344.0	7326.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7344.0	7326.8
SPINTA ATTIVA (POSSIBILE)	618.27	64.715
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	50128.
RAPPORTO PASSIVA/VERA	14.885	6.8417
SPINTA PASSIVA MOBILITATA	7.%	15.%
RAPPORTO VERA/ATTIVA	11.878	113.22

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7343.9	7326.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7343.9	7326.8
SPINTA ATTIVA (POSSIBILE)	618.27	64.715
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	50128.
RAPPORTO PASSIVA/VERA	14.886	6.8417
SPINTA PASSIVA MOBILITATA	7.%	15.%
RAPPORTO VERA/ATTIVA	11.878	113.22

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6951.5	6909.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6951.5	6909.2
SPINTA ATTIVA (POSSIBILE)	618.27	16.703
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	38810.
RAPPORTO PASSIVA/VERA	15.726	5.6172
SPINTA PASSIVA MOBILITATA	6.%	18.%
RAPPORTO VERA/ATTIVA	11.243	413.65

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6951.5	6909.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6951.5	6909.2
SPINTA ATTIVA (POSSIBILE)	618.27	16.703
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	38810.
RAPPORTO PASSIVA/VERA	15.726	5.6171
SPINTA PASSIVA MOBILITATA	6.%	18.%
RAPPORTO VERA/ATTIVA	11.243	413.65

FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6340.0	6285.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6340.0	6285.6
SPINTA ATTIVA (POSSIBILE)	618.27	0.33457E-02
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	28590.
RAPPORTO PASSIVA/VERA	17.243	4.5484
SPINTA PASSIVA MOBILITATA	6.%	22.%
RAPPORTO VERA/ATTIVA	10.255	0.18787E+07

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6340.0	6285.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6340.0	6285.6
SPINTA ATTIVA (POSSIBILE)	618.27	0.33457E-02
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	28590.
RAPPORTO PASSIVA/VERA	17.243	4.5484
SPINTA PASSIVA MOBILITATA	6.%	22.%
RAPPORTO VERA/ATTIVA	10.254	0.18787E+07

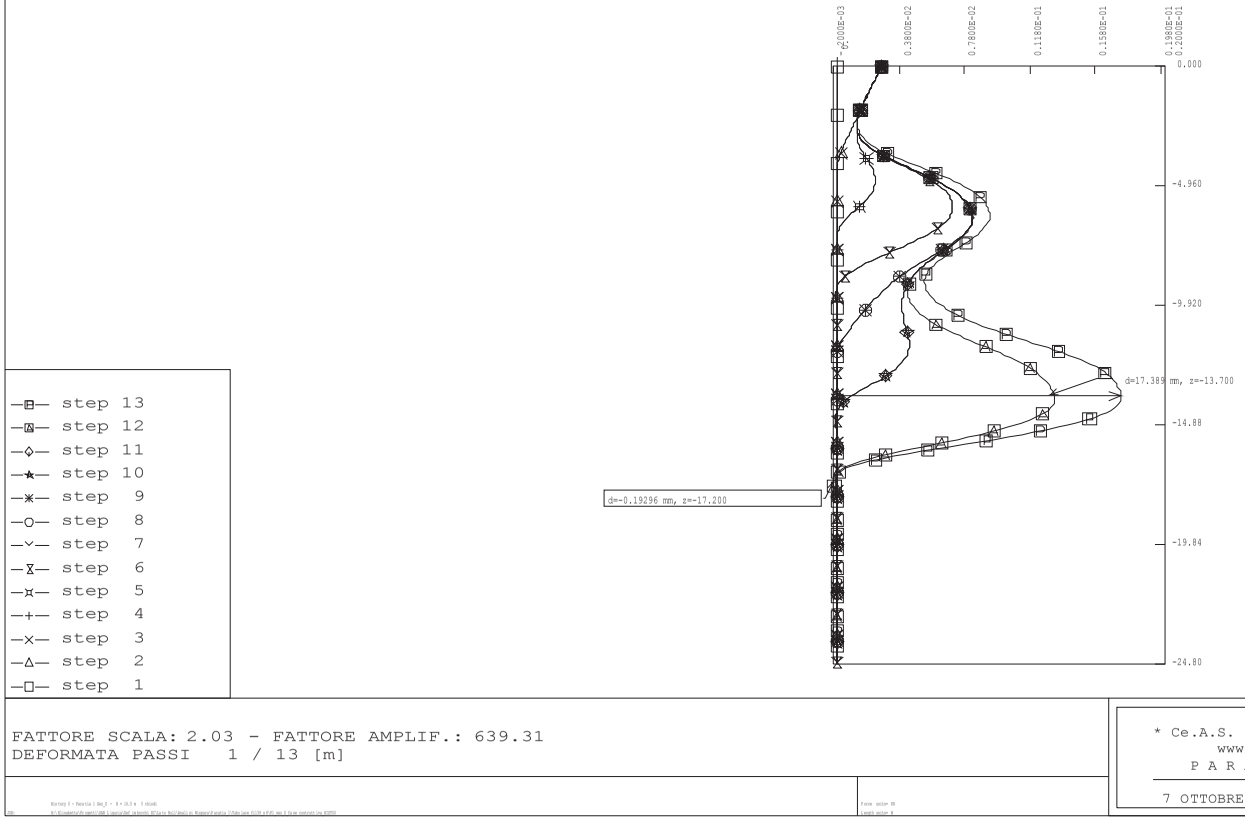
FASE 10 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	5554.4	5487.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	5554.4	5487.9
SPINTA ATTIVA (POSSIBILE)	618.27	0.
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	19907.
RAPPORTO PASSIVA/VERA	19.681	3.6275
SPINTA PASSIVA MOBILITATA	5.%	28.%
RAPPORTO VERA/ATTIVA	8.9838	0.10000E+06

FASE 11 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	5554.4	5487.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	5554.4	5487.9
SPINTA ATTIVA (POSSIBILE)	618.27	0.
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	19907.
RAPPORTO PASSIVA/VERA	19.682	3.6275
SPINTA PASSIVA MOBILITATA	5.%	28.%
RAPPORTO VERA/ATTIVA	8.9838	0.10000E+06

FASE 12 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	4579.9	4470.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	4579.9	4470.0
SPINTA ATTIVA (POSSIBILE)	618.27	0.
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	12509.
RAPPORTO PASSIVA/VERA	23.869	2.7985
SPINTA PASSIVA MOBILITATA	4.%	36.%
RAPPORTO VERA/ATTIVA	7.4077	0.10000E+06

FASE 13 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	4610.2	4468.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	4610.2	4468.1
SPINTA ATTIVA (POSSIBILE)	745.59	0.
SPINTA PASSIVA (POSSIBILE)	0.10932E+06	12509.
RAPPORTO PASSIVA/VERA	23.712	2.7997
SPINTA PASSIVA MOBILITATA	4.%	36.%
RAPPORTO VERA/ATTIVA	6.1832	0.10000E+06

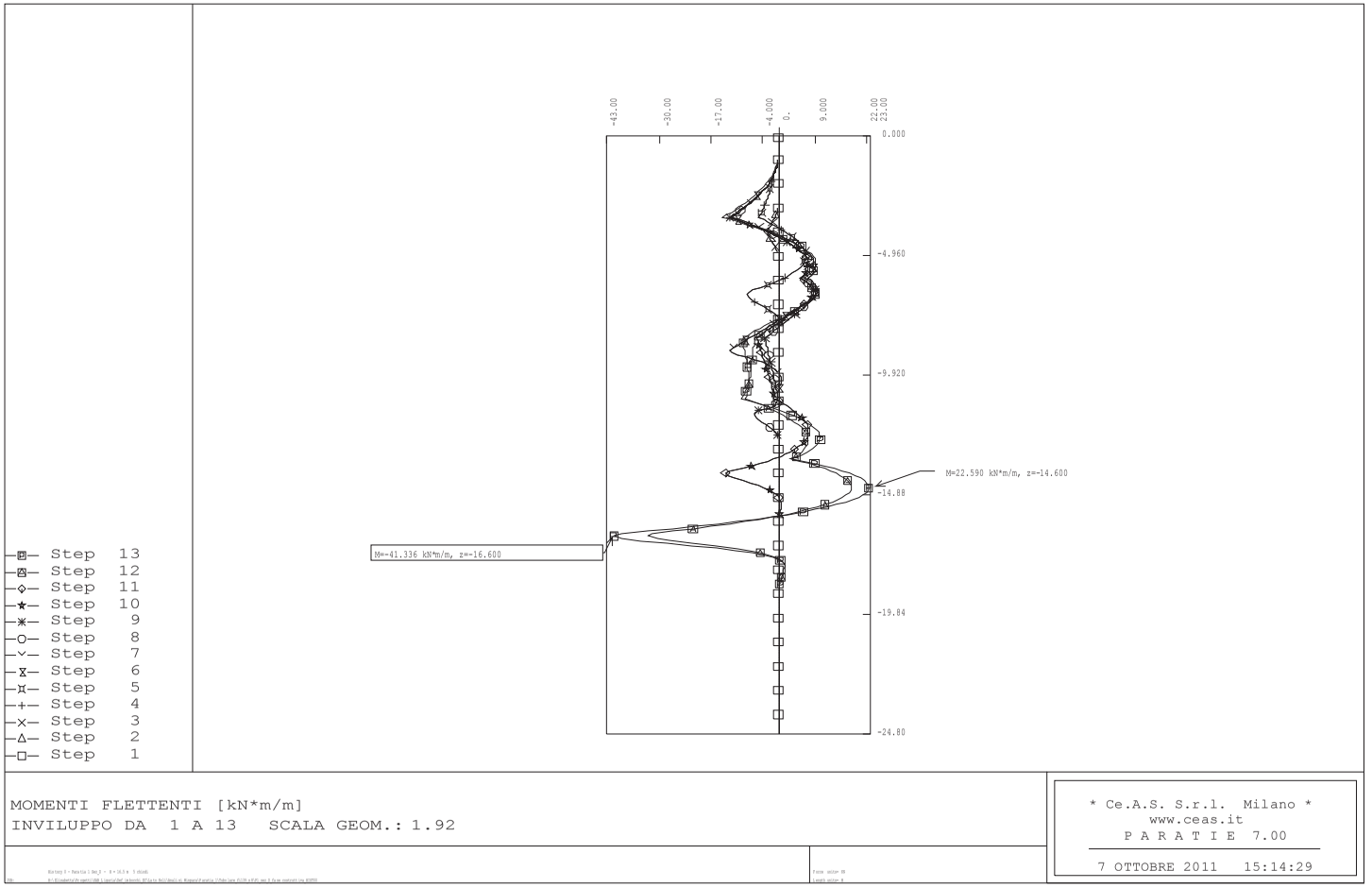
OUTPUT PLOTS:



FATTORE SCALA: 2.03 - FATTORE AMPLIF.: 639.31
DEFORMATA PASSI 1 / 13 [m]

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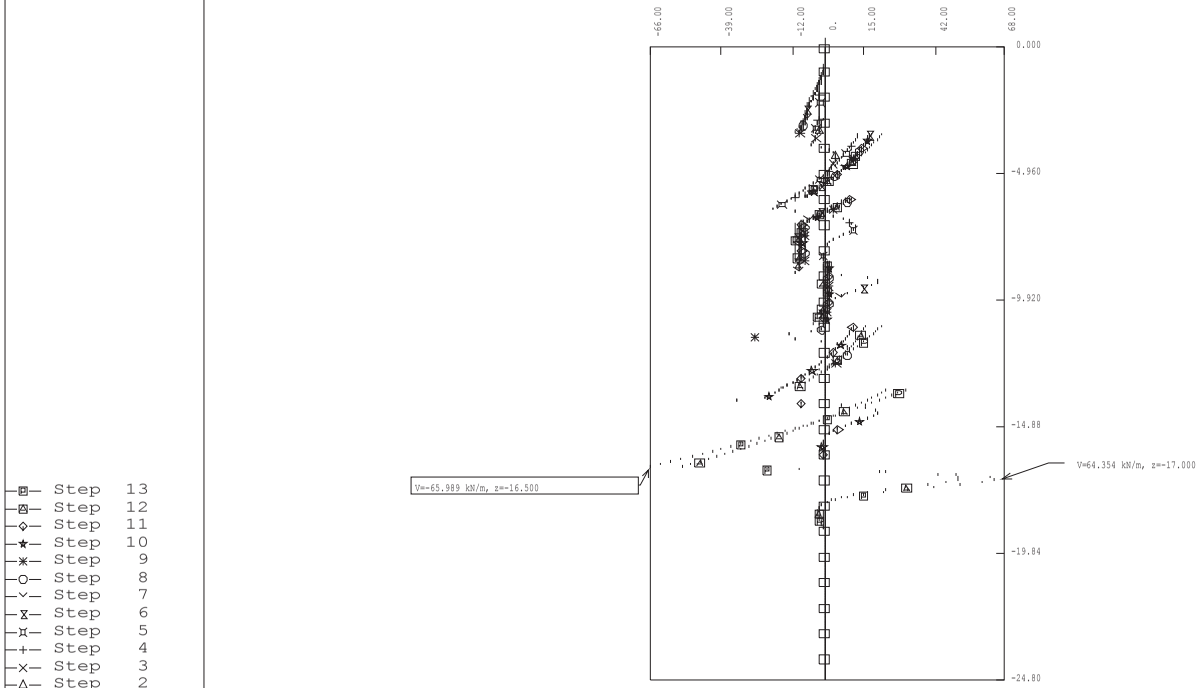
7 OTTOBRE 2011 15:14:28



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 13 SCALA GEOM.: 1.92

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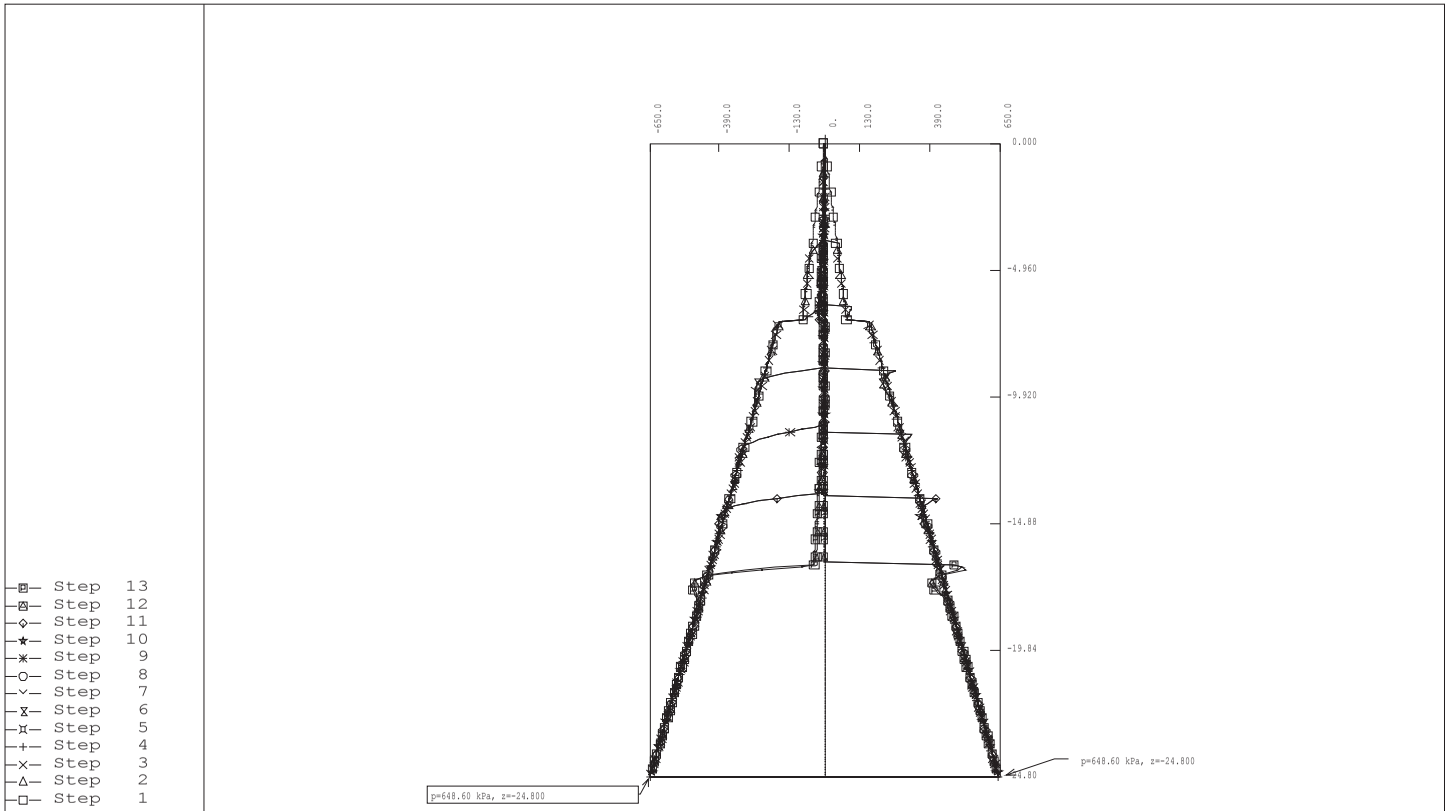


— Step 13
— Step 12
— Step 11
— Step 10
— Step 9
— Step 8
— Step 7
— Step 6
— Step 5
— Step 4
— Step 3
— Step 2
— Step 1

TAGLI [kN/m]
INVILUPPO DA 1 A 13 SCALA GEOM.: 1.92

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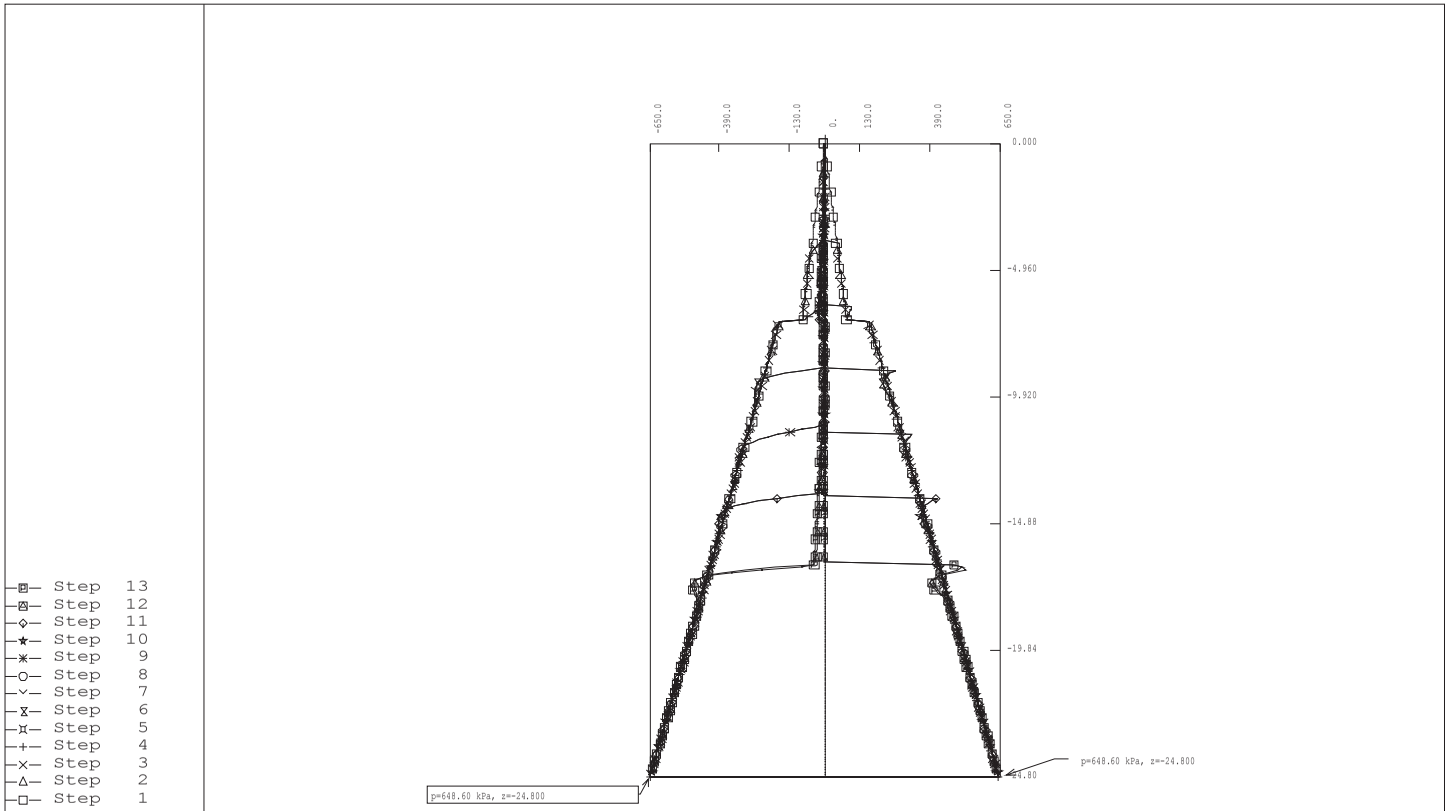
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PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 13 SCALA GEOM.: 1.92

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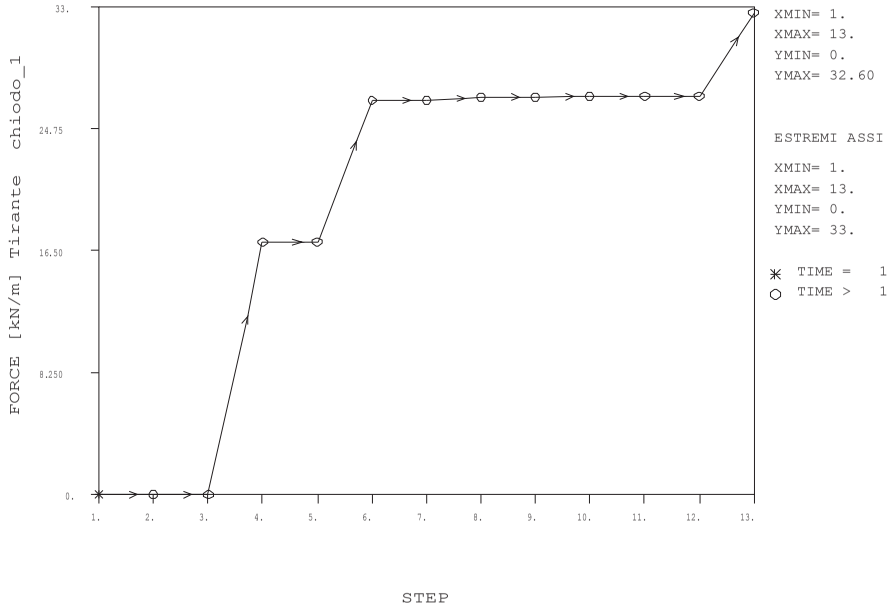


PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 13 SCALA GEOM.: 1.92

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Tirante chiodo_1	
STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.2459E-05
4.	17.08
5.	17.09
6.	26.66
7.	26.66
8.	26.88
9.	26.89
10.	26.94
11.	26.94
12.	26.94
13.	32.60

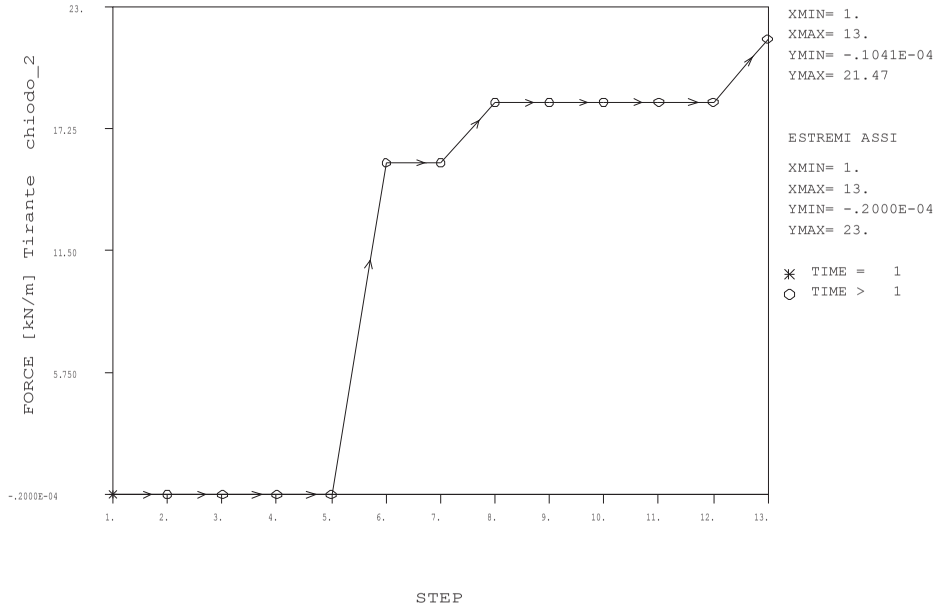


DAL PASSO 1 AL PASSO 13
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2	
STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.1041E-04
6.	15.64
7.	15.64
8.	18.47
9.	18.47
10.	18.50
11.	18.50
12.	18.50
13.	21.47



XMIN= 1.
XMAX= 13.
YMIN= -.1041E-04
YMAX= 21.47

ESTREMI ASSI

XMIN= 1.
XMAX= 13.
YMIN= -.2000E-04
YMAX= 23.

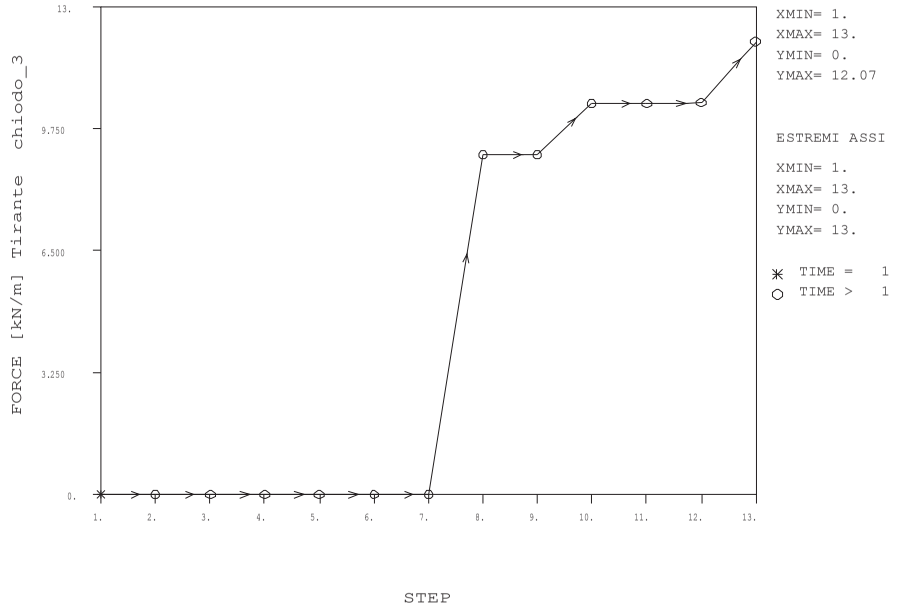
TIME = 1
TIME > 1

DAL PASSO 1 AL PASSO 13
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_3	
STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.1963E-07
8.	9.050
9.	9.050
10.	10.41
11.	10.41
12.	10.44
13.	12.07

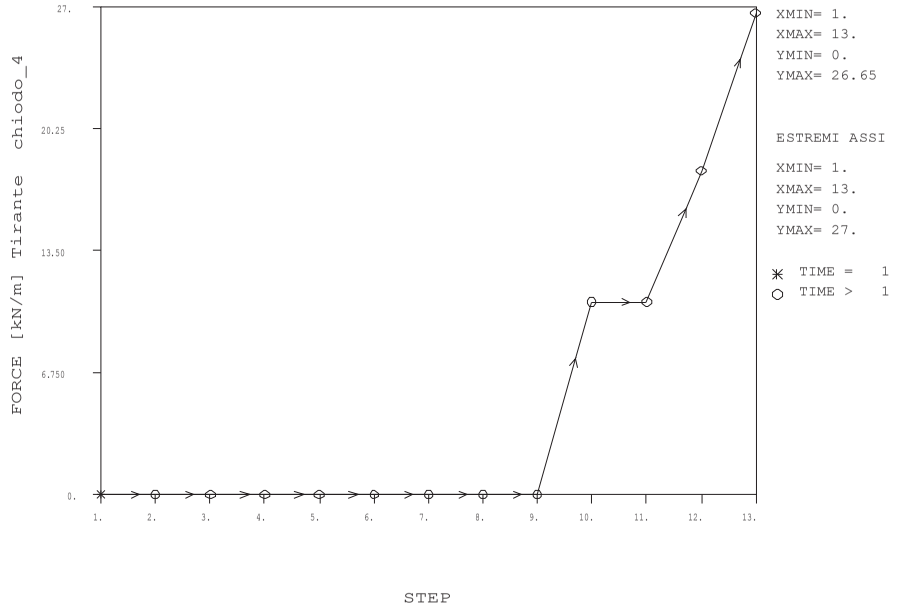


DAL PASSO 1 AL PASSO 13
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_4	
STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.1356E-04
10.	10.66
11.	10.66
12.	17.92
13.	26.65

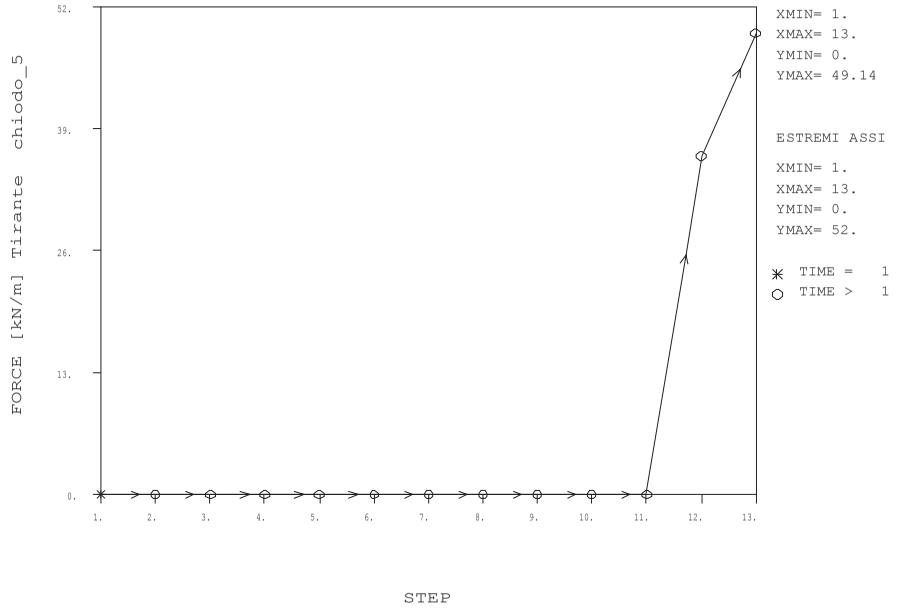


DAL PASSO 1 AL PASSO 13
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_5	
STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.7058E-05
12.	36.07
13.	49.14



DAL PASSO 1 AL PASSO 13
DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice G

P1 - Sezione E' – Tabulati di calcolo PARATIE

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:31:10

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -25.8 0
  15: *
  16: soil UHLeft LeftWall -25.8 0 1 0
  17: soil DHLeft LeftWall -25.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -25.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -3 Acciaio_chiodi 7.85E-005 0 20
  25: wire chiodo_2 LeftWall -5.5 Acciaio_chiodi 7.85E-005 0 20
  26: wire chiodo_3 LeftWall -8 Acciaio_chiodi 8.98E-005 0 20
  27: wire chiodo_4 LeftWall -10.5 Acciaio_chiodi 8.98E-005 0 35
  28: wire chiodo_5 LeftWall -13 Acciaio_chiodi 0.000105 0 35
  29: wire chiodo_6 LeftWall -15.5 Acciaio_chiodi 0.000105 0 35
  30: *
  31: * Soil Profile
  32: *
  33:     ldata          1_ 0
  34:         weight     24 24 0
  35:         atrest     0.5 0 1 0.5
  36:         resistance 35 40 0.178591 11.0616
  37:         young      500000 750000
  38:     endlayer
```

```
  N.  comando

  39:     ldata          2_ -7
  40:         weight     27 27 0
  41:         atrest     1 0 1 1
  42:         resistance 80 38 0.195942 9.11404
  43:         young      2E+006 3E+006
  44:     endlayer
  45: *
  46: step 1 :  geostatica
  47:     setwall LeftWall
  48:         geom 0 0
  49: endstep
  50: *
  51: step 2 :  scavo a  quota -3.5 m+sovraccarico 90 kPa
  52:     setwall LeftWall
  53:         geom 0 -3.5
  54:         surcharge 90 0 0 0
  55: endstep
  56: *
  57: step 3 :  inserimento primo chiodo
  58:     setwall LeftWall
  59:         geom 0 -3.5
  60:         surcharge 90 0 0 0
  61:         add chiodo_1
  62: endstep
  63: *
  64: step 4 :  scavo a quota -6.0 m
  65:     setwall LeftWall
  66:         geom 0 -6
  67:         surcharge 90 0 0 0
  68: endstep
  69: *
  70: step 5 :  inserimento secondo chiodo
  71:     setwall LeftWall
  72:         geom 0 -6
  73:         surcharge 90 0 0 0
  74:         add chiodo_2
  75: endstep
  76: *
  77: step 6 :  scavo a quota -8.5 m
  78:     setwall LeftWall
  79:         geom 0 -8.5
  80:         surcharge 90 0 0 0
  81: endstep
  82: *
  83: step 7 :  inserimento terzo chiodo
  84:     setwall LeftWall
```

```
  N.  comando

  85:         geom 0 -8.5
  86:         surcharge 90 0 0 0
  87:         add chiodo_3
  88: endstep
  89: *
  90: step 8 :  scavo a quota 11.0 m
  91:     setwall LeftWall
  92:         geom 0 -11
  93:         surcharge 90 0 0 0
  94: endstep
  95: *
  96: step 9 :  inserimento quarto chiodo
  97:     setwall LeftWall
  98:         geom 0 -11
  99:         surcharge 90 0 0 0
 100:         add chiodo_4
 101: endstep
 102: *
 103: step 10 :  scavo a quota -13.5 m
 104:     setwall LeftWall
 105:         geom 0 -13.5
 106:         surcharge 90 0 0 0
 107: endstep
 108: *
 109: step 11 :  inserimento quinto chiodo
 110:     setwall LeftWall
 111:         geom 0 -13.5
 112:         surcharge 90 0 0 0
 113:         add chiodo_5
 114: endstep
 115: *
 116: step 12 :  scavo a quota -16.0 m
 117:     setwall LeftWall
 118:         geom 0 -16
 119:         surcharge 90 0 0 0
 120: endstep
 121: *
 122: step 13 :  inserimento sesto chiodo
 123:     setwall LeftWall
 124:         geom 0 -16
 125:         surcharge 90 0 0 0
 126:         add chiodo_6
 127: endstep
 128: *
 129: step 14 :  scavo finale -18.5 m
 130:     setwall LeftWall
```

```
  N.  comando

 131:         geom 0 -18.5
 132:         surcharge 90 0 0 0
 133: endstep
 134: *
 135: step 15 :  sisma kh=0.114
 136:     change 2_ U-KA=0.261
 137:     change 1_ U-KA=0.24
 138:     setwall LeftWall
 139:         geom 0 -18.5
 140:         surcharge 90 0 0 0
 141: endstep
 142: *
 143: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	= -7.0000	m	
peso fuori falda	= 24.000	kN/m³	
peso efficace in falda	= 24.000	kN/m³	
coesione	= 35.000	kPa	(A MONTE)
angolo di attrito	= 40.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.17859		(A MONTE)
coeff. spinta passiva kp	= 11.062		(A MONTE)
Konc normal consolidato	= 0.50000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 0.50000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.50000E+06	kPa	
modulo el. scarico/ricarico	= 0.75000E+06	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 35.000	kPa	(A VALLE)
angolo di attrito	= 40.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.17859		(A VALLE)
coeff. spinta passiva kp	= 11.062		(A VALLE)

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= -7.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

coeff. spinta passiva kp = 9.1140 (A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 10

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 11

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 12

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 13

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 14

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 15

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.24000 (A MONTE)

LAYER 2_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -25.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.5000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -25.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.5000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.0000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.0000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.5000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.5000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 10

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-13.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	90.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-25.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 11

RIASSUNTO DATI RELATIVI ALLA FASE 11

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -13.500	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -25.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 12

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -16.000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -25.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 13

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -16.000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m

RIASSUNTO DATI RELATIVI ALLA FASE 13

quota di equil. pressioni dell'acqua	= -25.800	m	
indicatore comportamento acqua	= 0.0000	(1=REMOVE)	
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)	

RIASSUNTO DATI RELATIVI ALLA FASE 14

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -18.500	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -25.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 15

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -18.500	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 90.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -25.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-25.80	UPHILL	0.
DHLeft	LeftWall	0.	-25.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-25.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.000	_	0.7850E-04	0.	20.00
chiodo_2	LeftWall	-5.500	_	0.7850E-04	0.	20.00
chiodo_3	LeftWall	-8.000	_	0.8980E-04	0.	20.00
chiodo_4	LeftWall	-10.50	_	0.8980E-04	0.	35.00
chiodo_5	LeftWall	-13.00	_	0.1050E-03	0.	35.00
chiodo_6	LeftWall	-15.50	_	0.1050E-03	0.	35.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	7	SI
3	2	SI
4	7	SI
5	2	SI
6	7	SI
7	2	SI
8	8	SI
9	2	SI
10	7	SI
11	2	SI
12	8	SI
13	2	SI
14	9	SI
15	8	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00
160	0.00000000E+00	0.00000000E+00
161	0.00000000E+00	0.00000000E+00
162	0.00000000E+00	0.00000000E+00
163	0.00000000E+00	0.00000000E+00
164	0.00000000E+00	0.00000000E+00
165	0.00000000E+00	0.00000000E+00
166	0.00000000E+00	0.00000000E+00
167	0.00000000E+00	0.00000000E+00
168	0.00000000E+00	0.00000000E+00
169	0.00000000E+00	0.00000000E+00
170	0.00000000E+00	0.00000000E+00
171	0.00000000E+00	0.00000000E+00
172	0.00000000E+00	0.00000000E+00
173	0.00000000E+00	0.00000000E+00
174	0.00000000E+00	0.00000000E+00
175	0.00000000E+00	0.00000000E+00
176	0.00000000E+00	0.00000000E+00
177	0.00000000E+00	0.00000000E+00
178	0.00000000E+00	0.00000000E+00
179	0.00000000E+00	0.00000000E+00
180	0.00000000E+00	0.00000000E+00
181	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.00000000E+00	0.00000000E+00
183	0.00000000E+00	0.00000000E+00
184	0.00000000E+00	0.00000000E+00
185	0.00000000E+00	0.00000000E+00
186	0.00000000E+00	0.00000000E+00
187	0.00000000E+00	0.00000000E+00
188	0.00000000E+00	0.00000000E+00
189	0.00000000E+00	0.00000000E+00
190	0.00000000E+00	0.00000000E+00
191	0.00000000E+00	0.00000000E+00
192	0.00000000E+00	0.00000000E+00
193	0.00000000E+00	0.00000000E+00
194	0.00000000E+00	0.00000000E+00
195	0.00000000E+00	0.00000000E+00
196	0.00000000E+00	0.00000000E+00
197	0.00000000E+00	0.00000000E+00
198	0.00000000E+00	0.00000000E+00
199	0.00000000E+00	0.00000000E+00
200	0.00000000E+00	0.00000000E+00
201	0.00000000E+00	0.00000000E+00
202	0.00000000E+00	0.00000000E+00
203	0.00000000E+00	0.00000000E+00
204	0.00000000E+00	0.00000000E+00
205	0.00000000E+00	0.00000000E+00
206	0.00000000E+00	0.00000000E+00
207	0.00000000E+00	0.00000000E+00
208	0.00000000E+00	0.00000000E+00
209	0.00000000E+00	0.00000000E+00
210	0.00000000E+00	0.00000000E+00
211	0.00000000E+00	0.00000000E+00
212	0.00000000E+00	0.00000000E+00
213	0.00000000E+00	0.00000000E+00
214	0.00000000E+00	0.00000000E+00
215	0.00000000E+00	0.00000000E+00
216	0.00000000E+00	0.00000000E+00
217	0.00000000E+00	0.00000000E+00
218	0.00000000E+00	0.00000000E+00
219	0.00000000E+00	0.00000000E+00
220	0.00000000E+00	0.00000000E+00
221	0.00000000E+00	0.00000000E+00
222	0.00000000E+00	0.00000000E+00
223	0.00000000E+00	0.00000000E+00
224	0.00000000E+00	0.00000000E+00
225	0.00000000E+00	0.00000000E+00
226	0.00000000E+00	0.00000000E+00
227	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.00000000E+00	0.00000000E+00
229	0.00000000E+00	0.00000000E+00
230	0.00000000E+00	0.00000000E+00
231	0.00000000E+00	0.00000000E+00
232	0.00000000E+00	0.00000000E+00
233	0.00000000E+00	0.00000000E+00
234	0.00000000E+00	0.00000000E+00
235	0.00000000E+00	0.00000000E+00
236	0.00000000E+00	0.00000000E+00
237	0.00000000E+00	0.00000000E+00
238	0.00000000E+00	0.00000000E+00
239	0.00000000E+00	0.00000000E+00
240	0.00000000E+00	0.00000000E+00
241	0.00000000E+00	0.00000000E+00
242	0.00000000E+00	0.00000000E+00
243	0.00000000E+00	0.00000000E+00
244	0.00000000E+00	0.00000000E+00
245	0.00000000E+00	0.00000000E+00
246	0.00000000E+00	0.00000000E+00
247	0.00000000E+00	0.00000000E+00
248	0.00000000E+00	0.00000000E+00
249	0.00000000E+00	0.00000000E+00
250	0.00000000E+00	0.00000000E+00
251	0.00000000E+00	0.00000000E+00
252	0.00000000E+00	0.00000000E+00
253	0.00000000E+00	0.00000000E+00
254	0.00000000E+00	0.00000000E+00
255	0.00000000E+00	0.00000000E+00
256	0.00000000E+00	0.00000000E+00
257	0.00000000E+00	0.00000000E+00
258	0.00000000E+00	0.00000000E+00
259	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.60345547E-03	-0.15966469E-03
2	0.58748899E-03	-0.15966469E-03
3	0.57152251E-03	-0.15966469E-03
4	0.55555603E-03	-0.15966469E-03
5	0.53958956E-03	-0.15966469E-03
6	0.52362308E-03	-0.15966469E-03
7	0.50765666E-03	-0.15966469E-03
8	0.49169018E-03	-0.15966469E-03
9	0.47572370E-03	-0.15966469E-03
10	0.45975723E-03	-0.15966469E-03
11	0.44379075E-03	-0.15966469E-03
12	0.42782430E-03	-0.15966469E-03
13	0.41185782E-03	-0.15966469E-03
14	0.39589134E-03	-0.15966469E-03
15	0.37992487E-03	-0.15966469E-03
16	0.36395842E-03	-0.15966469E-03
17	0.34799194E-03	-0.15966469E-03
18	0.33202546E-03	-0.15966469E-03
19	0.31605898E-03	-0.15966469E-03
20	0.30009254E-03	-0.15966469E-03
21	0.28412606E-03	-0.15966469E-03
22	0.26815958E-03	-0.15966469E-03
23	0.25219313E-03	-0.15966469E-03
24	0.23622665E-03	-0.15966469E-03
25	0.22026018E-03	-0.15966469E-03
26	0.20429371E-03	-0.15966469E-03
27	0.18832723E-03	-0.15966469E-03
28	0.17236077E-03	-0.15966469E-03
29	0.15639429E-03	-0.15966469E-03
30	0.14042783E-03	-0.15966469E-03
31	0.12446137E-03	-0.15966469E-03
32	0.10849489E-03	-0.15966469E-03
33	0.92527567E-04	-0.15969024E-03
34	0.76583841E-04	-0.15890574E-03
35	0.60860351E-04	-0.15470333E-03
36	0.45902740E-04	-0.14271408E-03
37	0.32574677E-04	-0.12301061E-03
38	0.21404629E-04	-0.10018679E-03
39	0.12536845E-04	-0.77377197E-04
40	0.58637934E-05	-0.56529476E-04
41	0.11311394E-05	-0.38676058E-04
42	-0.19833976E-05	-0.24182016E-04
43	-0.38152325E-05	-0.12987024E-04

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.46808850E-05	-0.47945100E-05
45	-0.48599950E-05	0.82218844E-06
46	-0.45863367E-05	0.43422015E-05
47	-0.40456312E-05	0.62399113E-05
48	-0.33779818E-05	0.69488042E-05
49	-0.26830710E-05	0.68416839E-05
50	-0.20266996E-05	0.62229287E-05
51	-0.14476692E-05	0.53286544E-05
52	-0.96439874E-06	0.43314753E-05
53	-0.58088176E-06	0.33490653E-05
54	-0.29164494E-06	0.24548785E-05
55	-0.85644956E-07	0.16885245E-05
56	0.50823456E-07	0.10650749E-05
57	0.13208084E-06	0.58295007E-06
58	0.17172998E-06	0.23032051E-06
59	0.18186593E-06	-0.10679845E-07
60	0.17262185E-06	-0.16084468E-06
61	0.15202997E-06	-0.24102010E-06
62	0.12611443E-06	-0.27029770E-06
63	0.99121799E-07	-0.26503417E-06
64	0.73817425E-07	-0.23847574E-06
65	0.51798075E-07	-0.20077459E-06
66	0.33789359E-07	-0.15926794E-06
67	0.19905805E-07	-0.11892177E-06
68	0.98634310E-08	-0.82822851E-07
69	0.31434992E-08	-0.52656009E-07
70	-0.88914937E-09	-0.29130531E-07
71	-0.29069644E-08	-0.12335784E-07
72	-0.35590084E-08	-0.16221023E-08
73	-0.33911578E-08	0.42983950E-08
74	-0.28129581E-08	0.68100285E-08
75	-0.21015900E-08	0.71485227E-08
76	-0.14231437E-08	0.62903132E-08
77	-0.86037683E-09	0.49266227E-08
78	-0.44012649E-09	0.34937129E-08
79	-0.15596086E-09	0.22310043E-08
80	0.15139093E-10	0.12402381E-08
81	0.10165593E-09	0.53654664E-09
82	0.13095990E-09	0.88199274E-10
83	0.12602662E-09	-0.15822278E-09
84	0.10407900E-09	-0.26173494E-09
85	0.76681279E-10	-0.27519784E-09
86	0.50661076E-10	-0.24001137E-09
87	0.29336707E-10	-0.18509382E-09
88	0.13700862E-10	-0.12841979E-09
89	0.33942170E-11	-0.79501676E-10

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.25788371E-11	-0.41964484E-10
91	-0.53819696E-11	-0.15925979E-10
92	-0.60938641E-11	0.21759741E-12
93	-0.55920897E-11	0.87519783E-11
94	-0.45195219E-11	0.12004750E-10
95	-0.33001421E-11	0.11987454E-10
96	-0.21795675E-11	0.10244067E-10
97	-0.12733630E-11	0.78396517E-11
98	-0.61175728E-12	0.54316317E-11
99	-0.17555545E-12	0.33680482E-11
100	0.77843656E-13	0.17842032E-11
101	0.19749683E-12	0.68670742E-12
102	0.22924279E-12	0.10941210E-13
103	0.21046359E-12	-0.34146939E-12
104	0.16834860E-12	-0.47188940E-12
105	0.12059102E-12	-0.46715008E-12
106	0.77228066E-13	-0.39312631E-12
107	0.42781849E-13	-0.29461980E-12
108	0.18221637E-13	-0.19858748E-12
109	0.25314321E-14	-0.11854274E-12
110	-0.61665345E-14	-0.58886747E-13
111	-0.98955564E-14	-0.18719945E-13
112	-0.10448596E-13	0.53046891E-14
113	-0.92359050E-14	0.17290748E-13
114	-0.72612340E-14	0.21153169E-13
115	-0.51676565E-14	0.20144017E-13
116	-0.33137695E-14	0.16694699E-13
117	-0.18553073E-14	0.12447664E-13
118	-0.81796140E-15	0.83888864E-14
119	-0.15467086E-15	0.50158805E-14
120	0.21369769E-15	0.24973644E-14
121	0.37230799E-15	0.80402803E-15
122	0.39748509E-15	-0.19985467E-15
123	0.34943021E-15	-0.69094320E-15
124	0.27069717E-15	-0.84001025E-15
125	0.18811302E-15	-0.78853119E-15
126	0.11619345E-15	-0.64097625E-15
127	0.60818759E-16	-0.46639180E-15
128	0.22485983E-16	-0.30468053E-15
129	-0.11638687E-17	-0.17436486E-15
130	-0.13581586E-16	-0.79887145E-16
131	-0.18229479E-16	-0.18054863E-16
132	-0.18069315E-16	0.17474697E-16
133	-0.15372811E-16	0.33856099E-16
134	-0.11716735E-16	0.37678312E-16
135	-0.80782947E-17	0.34266149E-16

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.49758748E-17	0.27482914E-16
137	-0.26093770E-17	0.19869715E-16
138	-0.98016270E-18	0.12909585E-16
139	0.17731625E-19	0.73052001E-17
140	0.53251220E-18	0.32498601E-17
141	0.71558490E-18	0.63095678E-18
142	0.69726254E-18	-0.83117760E-18
143	0.57710044E-18	-0.14607794E-17
144	0.42254456E-18	-0.15672443E-17
145	0.27301794E-18	-0.13927185E-17
146	0.14777967E-18	-0.11048279E-17
147	0.52385936E-19	-0.80692989E-18
148	-0.14891668E-19	-0.54759279E-18
149	-0.58826966E-19	-0.33908607E-18
150	-0.84214353E-19	-0.17574349E-18
151	-0.95307563E-19	-0.52358009E-19
152	-0.95849883E-19	0.36109574E-19
153	-0.89082008E-19	0.94686395E-19
154	-0.77740819E-19	0.12841682E-18
155	-0.64060440E-19	0.14229342E-18
156	-0.49783613E-19	0.14112568E-18
157	-0.36187798E-19	0.12938302E-18
158	-0.24126897E-19	0.11104370E-18
159	-0.14086708E-19	0.89474912E-19
160	-0.62501577E-20	0.67358855E-19
161	-0.56729989E-21	0.46671886E-19
162	0.31752103E-20	0.28714638E-19
163	0.52898854E-20	0.14185125E-19
164	0.61331262E-20	0.32823413E-20
165	0.60612435E-20	-0.41737518E-20
166	0.53987175E-20	-0.86195992E-20
167	0.44183574E-20	-0.10634425E-19
168	0.33320047E-20	-0.10844081E-19
169	0.22897585E-20	-0.98472249E-20
170	0.13853958E-20	-0.81652897E-20
171	0.66565108E-21	-0.62148365E-20
172	0.14127930E-21	-0.42988568E-20
173	-0.20177395E-21	-0.26124868E-20
174	-0.39228899E-21	-0.12582451E-20
175	-0.46549867E-21	-0.26627504E-21
176	-0.45692783E-21	0.38418001E-21
177	-0.39832281E-21	0.74483146E-21
178	-0.31542186E-21	0.88167356E-21
179	-0.22719192E-21	0.86240051E-21
180	-0.14611301E-21	0.74799039E-21
181	-0.79112494E-22	0.58802106E-21

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.28811065E-22	0.41898364E-21
183	0.51777083E-23	0.26475050E-21
184	0.25067887E-22	0.13838286E-21
185	0.33939866E-22	0.44582736E-22
186	0.35033666E-22	-0.17740486E-22
187	0.31289048E-22	-0.53145382E-22
188	0.25097124E-22	-0.67774253E-22
189	0.18214932E-22	-0.67981048E-22
190	0.11792087E-22	-0.59452647E-22
191	0.64635697E-23	-0.46749229E-22
192	0.24716422E-23	-0.33163776E-22
193	-0.20981960E-24	-0.20797347E-22
194	-0.17653938E-23	-0.10757915E-22
195	-0.24511064E-23	-0.34095953E-23
196	-0.25326216E-23	0.13794646E-23
197	-0.22467538E-23	0.40223170E-23
198	-0.17821086E-23	0.50466599E-23
199	-0.12738076E-23	0.49794265E-23
200	-0.80737848E-24	0.42775359E-23
201	-0.42763316E-24	0.32956634E-23
202	-0.14935338E-24	0.22805643E-23
203	0.32367055E-25	0.13820862E-23
204	0.13336671E-24	0.67269359E-24
205	0.17377736E-24	0.16944843E-24
206	0.17353265E-24	-0.14550928E-24
207	0.14975302E-24	-0.30814142E-24
208	0.11559206E-24	-0.36014254E-24
209	0.80099808E-25	-0.34088477E-24
210	0.48702448E-25	-0.28300671E-24
211	0.23977726E-25	-0.21075092E-24
212	0.64973057E-26	-0.14014396E-24
213	-0.44075696E-26	-0.80232121E-25
214	-0.10030574E-25	-0.34763932E-25
215	-0.11847207E-25	-0.39012731E-26
216	-0.11233202E-25	0.14290191E-25
217	-0.93156908E-26	0.22685997E-25
218	-0.69219440E-26	0.24303561E-25
219	-0.45916620E-26	0.21820631E-25
220	-0.26242396E-26	0.17345053E-25
221	-0.11395650E-26	0.12362064E-25
222	-0.13808210E-27	0.77914120E-26
223	0.44801628E-27	0.40997282E-26
224	0.71589036E-27	0.14288491E-26
225	0.76569255E-27	-0.28483616E-27
226	0.68510519E-27	-0.12130597E-26
227	0.54229777E-27	-0.15647680E-26

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.38468770E-27	-0.15403930E-26
229	0.24118599E-27	-0.13070132E-26
230	0.12610708E-27	-0.98897302E-27
231	0.43467526E-28	-0.66864898E-27
232	-0.91079958E-29	-0.39288316E-27
233	-0.37262399E-28	-0.18171610E-27
234	-0.47672068E-28	-0.37174658E-28
235	-0.46637194E-28	0.49170833E-28
236	-0.39340688E-28	0.90432745E-28
237	-0.29591378E-28	0.10047270E-27
238	-0.19877392E-28	0.91575357E-28
239	-0.11586724E-28	0.73365473E-28
240	-0.52900548E-29	0.52582865E-28
241	-0.10177173E-29	0.33373272E-28
242	0.15067310E-29	0.17827613E-28
243	0.26911615E-29	0.65826412E-29
244	0.29576352E-29	-0.63105046E-30
245	0.26747659E-29	-0.45503074E-29
246	0.21276997E-29	-0.60657829E-29
247	0.15135143E-29	-0.60241061E-29
248	0.95150259E-30	-0.51237075E-29
249	0.50027526E-30	-0.38782369E-29
250	0.17617807E-30	-0.26230810E-29
251	-0.30243465E-31	-0.15450009E-29
252	-0.14126925E-30	-0.72033513E-30
253	-0.18286892E-30	-0.15242229E-30
254	-0.17904259E-30	0.19682444E-30
255	-0.14893623E-30	0.38310541E-30
256	-0.10594949E-30	0.46354656E-30
257	-0.58130929E-31	0.48686714E-30
258	-0.93093944E-32	0.48818802E-30
259	0.39415874E-31	0.48678505E-30

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.60345721E-03	-0.15967170E-03
2	0.58749010E-03	-0.15967170E-03
3	0.57152292E-03	-0.15967170E-03
4	0.55555574E-03	-0.15967170E-03
5	0.53958857E-03	-0.15967170E-03
6	0.52362139E-03	-0.15967170E-03
7	0.50765421E-03	-0.15967170E-03
8	0.49168704E-03	-0.15967160E-03
9	0.47571992E-03	-0.15967112E-03
10	0.45975286E-03	-0.15966997E-03
11	0.44378595E-03	-0.15966778E-03
12	0.42781935E-03	-0.15966411E-03
13	0.41185319E-03	-0.15965854E-03
14	0.39588771E-03	-0.15965060E-03
15	0.37992315E-03	-0.15963997E-03
16	0.36395981E-03	-0.15962635E-03
17	0.34799799E-03	-0.15960974E-03
18	0.33203795E-03	-0.15959051E-03
19	0.31607994E-03	-0.15956946E-03
20	0.30012408E-03	-0.15954816E-03
21	0.28417024E-03	-0.15952897E-03
22	0.26821811E-03	-0.15951536E-03
23	0.25226691E-03	-0.15950933E-03
24	0.23631597E-03	-0.15951089E-03
25	0.22036448E-03	-0.15952004E-03
26	0.20441171E-03	-0.15953679E-03
27	0.18845688E-03	-0.15956112E-03
28	0.17249923E-03	-0.15959305E-03
29	0.15653802E-03	-0.15963256E-03
30	0.14057248E-03	-0.15967965E-03
31	0.12460184E-03	-0.15973434E-03
32	0.10862526E-03	-0.15979933E-03
33	0.92641531E-04	-0.15987731E-03
34	0.76677898E-04	-0.15911236E-03
35	0.60933773E-04	-0.15490611E-03
36	0.45956760E-04	-0.14289725E-03
37	0.32611759E-04	-0.12316527E-03
38	0.21427813E-04	-0.10031003E-03
39	0.12549247E-04	-0.77470031E-04
40	0.58683004E-05	-0.56595243E-04
41	0.11302398E-05	-0.38719209E-04
42	-0.19876773E-05	-0.24207236E-04
43	-0.38213229E-05	-0.12998727E-04

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.46876348E-05	-0.47965864E-05
45	-0.48666093E-05	0.82649188E-06
46	-0.45923116E-05	0.43503092E-05
47	-0.40506889E-05	0.62498807E-05
48	-0.33820093E-05	0.69592456E-05
49	-0.26860712E-05	0.68516651E-05
50	-0.20287500E-05	0.62318695E-05
51	-0.14488911E-05	0.53362596E-05
52	-0.96493102E-06	0.43376635E-05
53	-0.58086493E-06	0.33538704E-05
54	-0.29121392E-06	0.24583680E-05
55	-0.84928942E-07	0.16907364E-05
56	0.51695636E-07	0.10659724E-05
57	0.13298305E-06	0.58273383E-06
58	0.17257332E-06	0.22942289E-06
59	0.18259959E-06	-0.11929126E-07
60	0.17322324E-06	-0.16220866E-06
61	0.15249611E-06	-0.24234038E-06
62	0.12645495E-06	-0.27147860E-06
63	0.99353372E-07	-0.26602746E-06
64	0.73959811E-07	-0.23926589E-06
65	0.51871403E-07	-0.20136814E-06
66	0.33812345E-07	-0.15968550E-06
67	0.19894724E-07	-0.11919025E-06
68	0.98317958E-08	-0.82969954E-07
69	0.31021676E-08	-0.52706639E-07
70	-0.93158159E-09	-0.29104816E-07
71	-0.29441134E-08	-0.12262531E-07
72	-0.35878829E-08	-0.15341004E-08
73	-0.34113610E-08	0.43815080E-08
74	-0.28255389E-08	0.68783903E-08
75	-0.21082320E-08	0.71987998E-08
76	-0.14256396E-08	0.63233876E-08
77	-0.86029606E-09	0.49457269E-08
78	-0.43867307E-09	0.35027012E-08
79	-0.15396714E-09	0.22333360E-08
80	0.17144621E-10	0.12384859E-08
81	0.10336645E-09	0.53272797E-09
82	0.13225446E-09	0.83897014E-10
83	0.12690644E-09	-0.16211597E-09
84	0.10460803E-09	-0.26482572E-09
85	0.76945880E-10	-0.27739816E-09
86	0.50747264E-10	-0.24140456E-09
87	0.29316886E-10	-0.18585340E-09
88	0.13628780E-10	-0.12873641E-09
89	0.33055078E-11	-0.79542324E-10

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.26632370E-11	-0.41854780E-10
91	-0.54516036E-11	-0.15751900E-10
92	-0.61452913E-11	0.40074506E-12
93	-0.56261341E-11	0.89130058E-11
94	-0.45392162E-11	0.12129491E-10
95	-0.33093155E-11	0.12073590E-10
96	-0.21818643E-11	0.10296708E-10
97	-0.12717394E-11	0.78668599E-11
98	-0.60833803E-12	0.54416402E-11
99	-0.17169900E-12	0.33677937E-11
100	0.81380825E-13	0.17787506E-11
101	0.20037144E-12	0.67931701E-12
102	0.23136148E-12	0.34006950E-14
103	0.21186400E-12	-0.34814320E-12
104	0.16915245E-12	-0.47709872E-12
105	0.12095232E-12	-0.47081225E-12
106	0.77292244E-13	-0.39545846E-12
107	0.42665836E-13	-0.29594854E-12
108	0.18009621E-13	-0.19922608E-12
109	0.22800746E-14	-0.11872004E-12
110	-0.64176663E-14	-0.58712421E-13
111	-0.10115329E-13	-0.18292391E-13
112	-0.10619297E-13	0.58330704E-14
113	-0.93542050E-14	0.17793848E-13
114	-0.73336087E-14	0.21562196E-13
115	-0.52048091E-14	0.20439235E-13
116	-0.33268189E-14	0.16884546E-13
117	-0.18537784E-14	0.12553499E-13
118	-0.80903304E-15	0.84350302E-14
119	-0.14319216E-15	0.50239667E-14
120	0.22478936E-15	0.24837750E-14
121	0.38146428E-15	0.78062673E-15
122	0.40417527E-15	-0.22470424E-15
123	0.35377350E-15	-0.71253333E-15
124	0.27313144E-15	-0.85647747E-15
125	0.18916640E-15	-0.79976994E-15
126	0.11635347E-15	-0.64778173E-15
127	0.60474380E-16	-0.46986384E-15
128	0.21916473E-16	-0.30587291E-15
129	-0.17746252E-17	-0.17411457E-15
130	-0.14122893E-16	-0.78849814E-16
131	-0.18650115E-16	-0.16750869E-16
132	-0.18360830E-16	0.18715191E-16
133	-0.15550716E-16	0.34872085E-16
134	-0.11806971E-16	0.38412249E-16
135	-0.81089607E-17	0.34731564E-16

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.49711632E-17	0.27735720E-16
137	-0.25875926E-17	0.19966593E-16
138	-0.95420143E-18	0.12906758E-16
139	0.40700188E-19	0.72551581E-17
140	0.54948734E-18	0.31832735E-17
141	0.72571972E-18	0.56233346E-18
142	0.70075035E-18	-0.89471629E-18
143	0.57450304E-18	-0.15199684E-17
144	0.41410843E-18	-0.16246682E-17
145	0.25911660E-18	-0.14429522E-17
146	0.12950908E-18	-0.11415034E-17
147	0.31175442E-19	-0.82926883E-18
148	-0.37703497E-19	-0.55779870E-18
149	-0.82185771E-19	-0.34037275E-18
150	-0.10738289E-18	-0.17109194E-18
151	-0.11780781E-18	-0.43920822E-19
152	-0.11737136E-18	0.47120948E-19
153	-0.10939517E-18	0.10781645E-18
154	-0.96636861E-19	0.14364825E-18
155	-0.81324100E-19	0.15972249E-18
156	-0.65195248E-19	0.16071013E-18
157	-0.49545363E-19	0.15079916E-18
158	-0.35276503E-19	0.13365569E-18
159	-0.22951467E-19	0.11239501E-18
160	-0.12849765E-19	0.89566374E-19
161	-0.50242950E-20	0.67154639E-19
162	0.64311778E-21	0.46601569E-19
163	0.43893039E-20	0.28847051E-19
164	0.65223890E-20	0.14388367E-19
165	0.73811006E-20	0.33533736E-20
166	0.73018520E-20	-0.44179672E-20
167	0.65941526E-20	-0.92899370E-20
168	0.55242171E-20	-0.11751349E-19
169	0.43061468E-20	-0.12344848E-19
170	0.30995623E-20	-0.11608903E-19
171	0.20123158E-20	-0.10034465E-19
172	0.11067821E-20	-0.80366396E-20
173	0.40827136E-21	-0.59403087E-20
174	-0.85732772E-22	-0.39775723E-20
175	-0.39655704E-21	-0.22942551E-20
176	-0.55630309E-21	-0.96251693E-21
177	-0.60125893E-21	0.32664328E-23
178	-0.56695890E-21	0.62977677E-21
179	-0.48487784E-21	0.96905885E-21
180	-0.38058798E-21	0.10851163E-20
181	-0.27311119E-21	0.10434758E-20

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.17515751E-21	0.90389404E-21
183	-0.93942719E-22	0.71600217E-21
184	-0.32313027E-22	0.51743182E-21
185	0.10042871E-22	0.33383826E-21
186	0.35453463E-22	0.18020991E-21
187	0.47295600E-22	0.62904002E-22
188	0.49245847E-22	-0.18054420E-22
189	0.44760025E-22	-0.66753662E-22
190	0.36760906E-22	-0.89479110E-22
191	0.27497214E-22	-0.93214171E-22
192	0.18530145E-22	-0.84587056E-22
193	0.10804110E-22	-0.69230717E-22
194	0.47635977E-23	-0.51486477E-22
195	0.48604896E-24	-0.34365211E-22
196	-0.21906326E-23	-0.19679592E-22
197	-0.35590923E-23	-0.82706528E-23
198	-0.39582977E-23	-0.26775283E-24
199	-0.37151022E-23	0.46613637E-23
200	-0.31091387E-23	0.70970723E-23
201	-0.23566636E-23	0.77035044E-23
202	-0.16082577E-23	0.71153392E-23
203	-0.95547750E-24	0.58707222E-23
204	-0.44226885E-24	0.43814372E-23
205	-0.77925511E-25	0.29300887E-23
206	0.15060734E-24	0.16844931E-23
207	0.26837551E-24	0.72096927E-24
208	0.30456024E-24	0.50217067E-25
209	0.28715417E-24	-0.35847743E-24
210	0.23986576E-24	-0.55714209E-24
211	0.18078235E-24	-0.60410874E-24
212	0.12227821E-24	-0.55404936E-24
213	0.71692745E-25	-0.45238210E-24
214	0.32390006E-25	-0.33306812E-24
215	0.49122449E-26	-0.21876032E-24
216	-0.11959061E-25	-0.12236264E-24
217	-0.20336184E-25	-0.49242010E-25
218	-0.22588292E-25	0.45373200E-27
219	-0.20926492E-25	0.29717857E-25
220	-0.17176628E-25	0.43024763E-25
221	-0.12694579E-25	0.45140485E-25
222	-0.83779671E-26	0.40373146E-25
223	-0.47339258E-26	0.32186517E-25
224	-0.19712523E-26	0.23082233E-25
225	-0.94805328E-28	0.14658167E-25
226	0.10113770E-26	0.77639752E-26
227	0.15187851E-26	0.26936432E-26

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.16084656E-26	-0.62588886E-27
229	0.14426605E-26	-0.24738268E-26
230	0.11506667E-26	-0.32127728E-26
231	0.82499183E-27	-0.32051415E-26
232	0.52408772E-27	-0.27640305E-26
233	0.27858049E-27	-0.21310763E-26
234	0.98703001E-28	-0.14732063E-26
235	-0.18580821E-28	-0.89093798E-27
236	-0.83606232E-28	-0.43231884E-27
237	-0.10952994E-27	-0.10826017E-27
238	-0.10933759E-27	0.93418598E-28
239	-0.94128424E-28	0.19663116E-27
240	-0.72379535E-28	0.22879865E-27
241	-0.49881384E-28	0.21558549E-27
242	-0.30071931E-28	0.17808740E-27
243	-0.14555732E-28	0.13183445E-27
244	-0.36582095E-29	0.86986480E-28
245	0.30767052E-29	0.49192744E-28
246	0.64909248E-29	0.20716568E-28
247	0.75305561E-29	0.15565023E-29
248	0.70692981E-29	-0.95913628E-29
249	0.58170107E-29	-0.14597408E-28
250	0.42900579E-29	-0.15396221E-28
251	0.28212869E-29	-0.13689421E-28
252	0.15913252E-29	-0.10808072E-28
253	0.66770430E-30	-0.76857657E-29
254	0.43011941E-31	-0.48982624E-29
255	-0.33273778E-30	-0.27344481E-29
256	-0.52730396E-30	-0.12734213E-29
257	-0.60873934E-30	-0.45191246E-30
258	-0.63380981E-30	-0.11410497E-30
259	-0.64042084E-30	-0.42112623E-31

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62029529E-03	-0.18677555E-03
2	0.60161873E-03	-0.18674656E-03
3	0.58294961E-03	-0.18660913E-03
4	0.56430360E-03	-0.18626991E-03
5	0.54570544E-03	-0.18563564E-03
6	0.52719004E-03	-0.18459394E-03
7	0.50880469E-03	-0.18301136E-03
8	0.49061078E-03	-0.18073896E-03
9	0.47268509E-03	-0.17762091E-03
10	0.45512014E-03	-0.17349665E-03
11	0.43802615E-03	-0.16816058E-03
12	0.42153764E-03	-0.16133591E-03
13	0.40581927E-03	-0.15270195E-03
14	0.39106849E-03	-0.14193075E-03
15	0.37751402E-03	-0.12873333E-03
16	0.36540913E-03	-0.11291722E-03
17	0.35501999E-03	-0.94418247E-04
18	0.34661489E-03	-0.73236428E-04
19	0.34046214E-03	-0.49371760E-04
20	0.33682998E-03	-0.22824244E-04
21	0.33598673E-03	0.64061178E-05
22	0.33820063E-03	0.38319329E-04
23	0.34374002E-03	0.72915391E-04
24	0.35287315E-03	0.11019430E-03
25	0.36586830E-03	0.15015605E-03
26	0.38299378E-03	0.19280065E-03
27	0.40451786E-03	0.23812811E-03
28	0.43070884E-03	0.28613841E-03
29	0.46183498E-03	0.33683155E-03
30	0.49816456E-03	0.39020757E-03
31	0.53996593E-03	0.44626641E-03
32	0.58724062E-03	0.49700763E-03
33	0.63892349E-03	0.53443084E-03
34	0.69368375E-03	0.55856333E-03
35	0.75019686E-03	0.56951656E-03
36	0.80715521E-03	0.56751532E-03
37	0.86327939E-03	0.55289781E-03
38	0.91732928E-03	0.52611571E-03
39	0.96811587E-03	0.48773389E-03
40	0.10145120E-02	0.43843078E-03
41	0.10554644E-02	0.37899817E-03
42	0.10900042E-02	0.31034119E-03
43	0.11172590E-02	0.23347838E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.11364641E-02	0.14954169E-03
45	0.11469731E-02	0.59776448E-04
46	0.11482703E-02	-0.34458622E-04
47	0.11399814E-02	-0.13169141E-03
48	0.11218850E-02	-0.23033643E-03
49	0.10939237E-02	-0.32869479E-03
50	0.10562160E-02	-0.42495420E-03
51	0.10090671E-02	-0.51718898E-03
52	0.95298036E-03	-0.60336007E-03
53	0.88866893E-03	-0.68131502E-03
54	0.81706676E-03	-0.74878801E-03
55	0.73934003E-03	-0.80339977E-03
56	0.65689860E-03	-0.84265770E-03
57	0.57140714E-03	-0.86395582E-03
58	0.48479674E-03	-0.86457463E-03
59	0.39927594E-03	-0.84168138E-03
60	0.31734238E-03	-0.79232996E-03
61	0.24179390E-03	-0.71346067E-03
62	0.17540951E-03	-0.61181362E-03
63	0.11971315E-03	-0.50170720E-03
64	0.75012402E-04	-0.39327081E-03
65	0.40780516E-04	-0.29318847E-03
66	0.15963733E-04	-0.20543540E-03
67	-0.78139567E-06	-0.13192723E-03
68	-0.10911893E-04	-0.73124458E-04
69	-0.15883601E-04	-0.28641120E-04
70	-0.17090899E-04	0.23187658E-05
71	-0.15838441E-04	0.20720860E-04
72	-0.13287281E-04	0.28906325E-04
73	-0.10284912E-04	0.30259744E-04
74	-0.73717551E-05	0.27520482E-04
75	-0.48488378E-05	0.22740538E-04
76	-0.28443271E-05	0.17340197E-04
77	-0.13716733E-05	0.12213601E-04
78	-0.37614768E-06	0.78507828E-05
79	0.23030714E-06	0.44426824E-05
80	0.54390108E-06	0.19799502E-05
81	0.65397393E-06	0.34752068E-06
82	0.63568746E-06	-0.61644158E-06
83	0.54720840E-06	-0.10847208E-05
84	0.42998326E-06	-0.12158015E-05
85	0.31092387E-06	-0.11406092E-05
86	0.20542821E-06	-0.95841290E-06
87	0.12050202E-06	-0.73839442E-06
88	0.57554434E-07	-0.52422291E-06
89	0.14667341E-07	-0.33975471E-06

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11700111E-07	-0.19439463E-06
91	-0.25521418E-07	-0.88329550E-07
92	-0.30526191E-07	-0.17069574E-07
93	-0.29877821E-07	0.25915762E-07
94	-0.26051556E-07	0.47645603E-07
95	-0.20840579E-07	0.54619075E-07
96	-0.15437989E-07	0.52285095E-07
97	-0.10553289E-07	0.44859227E-07
98	-0.65352013E-08	0.35361609E-07
99	-0.34838381E-08	0.25777860E-07
100	-0.13436955E-08	0.17272130E-07
101	0.24789870E-10	0.10392459E-07
102	0.79279788E-09	0.52528324E-08
103	0.11286050E-08	0.17106641E-08
104	0.11793615E-08	-0.49858140E-09
105	0.10630125E-08	-0.16841135E-08
106	0.86664875E-09	-0.21463464E-08
107	0.64923600E-09	-0.21437945E-08
108	0.44661341E-09	-0.18795354E-08
109	0.27715899E-09	-0.15003744E-08
110	0.14713668E-09	-0.11032689E-08
111	0.55208744E-10	-0.74505724E-09
112	-0.40652967E-11	-0.45256163E-09
113	-0.37704194E-10	-0.23208444E-09
114	-0.52707345E-10	-0.78362095E-10
115	-0.55249166E-10	0.19183698E-10
116	-0.50325018E-10	0.73097153E-10
117	-0.41675243E-10	0.95645346E-10
118	-0.31885133E-10	0.97517959E-10
119	-0.22575938E-10	0.87261996E-10
120	-0.14626095E-10	0.71205208E-10
121	-0.83841770E-11	0.53670002E-10
122	-0.38522605E-11	0.37329844E-10
123	-0.83098350E-12	0.23606408E-10
124	0.97311634E-12	0.13005828E-10
125	0.18712107E-11	0.54361043E-11
126	0.21479901E-11	0.49597116E-12
127	0.20401101E-11	-0.23530082E-11
128	0.17283921E-11	-0.36718844E-11
129	0.13399088E-11	-0.39654907E-11
130	0.95576867E-12	-0.36448553E-11
131	0.62116165E-12	-0.30175040E-11
132	0.35545023E-12	-0.22946803E-11
133	0.16104717E-12	-0.16072086E-11
134	0.30524838E-13	-0.10242469E-11
135	-0.48111834E-13	-0.57057392E-12

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.87811994E-13	-0.24356258E-12
137	-0.10051089E-12	-0.27147624E-13
138	-0.96198684E-13	0.10055234E-12
139	-0.82595741E-13	0.16239279E-12
140	-0.65222987E-13	0.17914747E-12
141	-0.47696622E-13	0.16799099E-12
142	-0.32117836E-13	0.14204314E-12
143	-0.19471931E-13	0.11057725E-12
144	-0.99865210E-14	0.79587317E-13
145	-0.34245140E-14	0.52495968E-13
146	0.69375048E-15	0.30836956E-13
147	0.29318345E-14	0.14846661E-13
148	0.38344254E-14	0.39966487E-14
149	0.38723403E-14	-0.26180838E-14
150	0.34175719E-14	-0.60299246E-14
151	0.27405662E-14	-0.72154408E-14
152	0.20211953E-14	-0.69996071E-14
153	0.13660922E-14	-0.60203481E-14
154	0.82744658E-15	-0.47314621E-14
155	0.42032496E-15	-0.34268207E-14
156	0.13703505E-15	-0.22736018E-14
157	-0.41913738E-16	-0.13459332E-14
158	-0.14008764E-15	-0.65634603E-15
159	-0.18040368E-15	-0.18338087E-15
160	-0.18274642E-15	0.11010602E-15
161	-0.16295903E-15	0.26629641E-15
162	-0.13272515E-15	0.32534631E-15
163	-0.99982816E-16	0.32160465E-15
164	-0.69595754E-16	0.28211711E-15
165	-0.44093825E-16	0.22659669E-15
166	-0.24370610E-16	0.16825038E-15
167	-0.10272603E-16	0.11503847E-15
168	-0.10574430E-17	0.70990784E-16
169	0.42747445E-17	0.37418829E-16
170	0.67605918E-17	0.13874948E-16
171	0.73349323E-17	-0.11129887E-17
172	0.67600508E-17	-0.94392235E-17
173	0.56060412E-17	-0.12996849E-16
174	0.42650380E-17	-0.13423772E-16
175	0.29820554E-17	-0.12027640E-16
176	0.18879988E-17	-0.97768331E-17
177	0.10335692E-17	-0.73196137E-17
178	0.41750711E-18	-0.50594651E-17
179	0.85672397E-20	-0.31925859E-17
180	-0.23562043E-18	-0.17640177E-17
181	-0.35780700E-18	-0.74257131E-18

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.39568668E-18	-0.67684764E-19
183	-0.38052536E-18	0.33175981E-18
184	-0.33611236E-18	0.52787523E-18
185	-0.27961287E-18	0.58411395E-18
186	-0.22182298E-18	0.56435018E-18
187	-0.16777164E-18	0.51372228E-18
188	-0.11955288E-18	0.44886361E-18
189	-0.78253580E-19	0.37636514E-18
190	-0.44345033E-19	0.30191126E-18
191	-0.17782936E-19	0.23010911E-18
192	0.18803627E-20	0.16441414E-18
193	0.15380772E-19	0.10714554E-18
194	0.23632770E-19	0.59575919E-19
195	0.27631597E-19	0.22075531E-19
196	0.28371697E-19	-0.57102277E-20
197	0.26783741E-19	-0.24670301E-19
198	0.23690597E-19	-0.36041613E-19
199	0.19781175E-19	-0.41240233E-19
200	0.15599875E-19	-0.41719103E-19
201	0.11548716E-19	-0.38857129E-19
202	0.78989238E-20	-0.33880908E-19
203	0.48087818E-20	-0.27817270E-19
204	0.23448300E-20	-0.21472841E-19
205	0.50397766E-21	-0.15435487E-19
206	-0.76539612E-21	-0.10091990E-19
207	-0.15446826E-20	-0.56563608E-20
208	-0.19294363E-20	-0.22037729E-20
209	-0.20172605E-20	0.29412036E-21
210	-0.18991560E-20	0.19357050E-20
211	-0.16540298E-20	0.28599784E-20
212	-0.13458866E-20	0.32224622E-20
213	-0.10231378E-20	0.31769336E-20
214	-0.71945245E-21	0.28628273E-20
215	-0.45560592E-21	0.23977149E-20
216	-0.24186294E-21	0.18739987E-20
217	-0.80520932E-22	0.13588391E-20
218	0.31660068E-22	0.89633481E-21
219	0.10132076E-21	0.51107221E-21
220	0.13675742E-21	0.21229681E-21
221	0.14660060E-21	-0.18640890E-23
222	0.13890105E-21	-0.14053134E-21
223	0.12057431E-21	-0.21679930E-21
224	0.97137770E-22	-0.24516992E-21
225	0.72668156E-22	-0.23970562E-21
226	0.49910005E-22	-0.21284058E-21
227	0.30474347E-22	-0.17474633E-21

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.15078172E-22	-0.13312904E-21
229	0.37878064E-23	-0.93333725E-22
230	-0.37587061E-23	-0.58642418E-22
231	-0.81646938E-23	-0.30671625E-22
232	-0.10129550E-22	-0.97964013E-23
233	-0.10344937E-22	0.44499356E-23
234	-0.94283811E-23	0.13031715E-22
235	-0.78877910E-23	0.17137583E-22
236	-0.61096204E-23	0.17980780E-22
237	-0.43635186E-23	0.16667474E-22
238	-0.28171749E-23	0.14122683E-22
239	-0.15562118E-23	0.11061000E-22
240	-0.60530757E-24	0.79893371E-23
241	0.52067020E-25	0.52300172E-23
242	0.45682570E-24	0.29545910E-23
243	0.66104813E-24	0.12210525E-23
244	0.71843121E-24	0.93645493E-26
245	0.67807190E-24	-0.74779823E-24
246	0.58101770E-24	-0.11405771E-23
247	0.45893428E-24	-0.12640214E-23
248	0.33425415E-24	-0.12062435E-23
249	0.22124531E-24	-0.10416744E-23
250	0.12754721E-24	-0.82826717E-24
251	0.55837535E-25	-0.60748980E-24
252	0.54038278E-26	-0.40607503E-24
253	-0.26511396E-25	-0.23867810E-24
254	-0.43649171E-25	-0.11080249E-24
255	-0.49959461E-25	-0.21553888E-25
256	-0.49081708E-25	0.34041900E-25
257	-0.44029664E-25	0.63280197E-25
258	-0.37023233E-25	0.74591575E-25
259	-0.29412719E-25	0.76861935E-25

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62029331E-03	-0.18677213E-03
2	0.60161704E-03	-0.18674311E-03
3	0.58294827E-03	-0.18660557E-03
4	0.56430267E-03	-0.18626604E-03
5	0.54570491E-03	-0.18563123E-03
6	0.52719004E-03	-0.18458873E-03
7	0.50880521E-03	-0.18300505E-03
8	0.49061200E-03	-0.18073127E-03
9	0.47268716E-03	-0.17761160E-03
10	0.45512323E-03	-0.17348559E-03
11	0.43803043E-03	-0.16814776E-03
12	0.42154329E-03	-0.16132150E-03
13	0.40582643E-03	-0.15268642E-03
14	0.39107722E-03	-0.14191492E-03
15	0.37752429E-03	-0.12871840E-03
16	0.36542077E-03	-0.11290489E-03
17	0.35503271E-03	-0.94409777E-04
18	0.34662825E-03	-0.73231924E-04
19	0.34047576E-03	-0.49370865E-04
20	0.33684351E-03	-0.22826527E-04
21	0.33599988E-03	0.64010851E-05
22	0.33821317E-03	0.38311977E-04
23	0.34375172E-03	0.72906143E-04
24	0.35288386E-03	0.11018359E-03
25	0.36587787E-03	0.15014430E-03
26	0.38300216E-03	0.19278831E-03
27	0.40452500E-03	0.23811558E-03
28	0.43071472E-03	0.28612613E-03
29	0.46183966E-03	0.33681997E-03
30	0.49816817E-03	0.39019706E-03
31	0.53996849E-03	0.44625736E-03
32	0.58724236E-03	0.49700018E-03
33	0.63892460E-03	0.53442485E-03
34	0.69368433E-03	0.55855874E-03
35	0.75019704E-03	0.56951318E-03
36	0.80715516E-03	0.56751299E-03
37	0.86327910E-03	0.55289635E-03
38	0.91732893E-03	0.52611483E-03
39	0.96811540E-03	0.48773352E-03
40	0.10145116E-02	0.43843078E-03
41	0.10554639E-02	0.37899837E-03
42	0.10900038E-02	0.31034151E-03
43	0.11172587E-02	0.23347877E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.11364637E-02	0.14954210E-03
45	0.11469728E-02	0.59776852E-04
46	0.11482701E-02	-0.34458244E-04
47	0.11399812E-02	-0.13169106E-03
48	0.11218848E-02	-0.23033611E-03
49	0.10939236E-02	-0.32869447E-03
50	0.10562158E-02	-0.42495391E-03
51	0.10090669E-02	-0.51718869E-03
52	0.95298025E-03	-0.60335983E-03
53	0.88866887E-03	-0.68131485E-03
54	0.81706670E-03	-0.74878783E-03
55	0.73933997E-03	-0.80339966E-03
56	0.65689854E-03	-0.84265758E-03
57	0.57140714E-03	-0.86395571E-03
58	0.48479671E-03	-0.86457457E-03
59	0.39927594E-03	-0.84168138E-03
60	0.31734238E-03	-0.79232996E-03
61	0.24179388E-03	-0.71346073E-03
62	0.17540950E-03	-0.61181368E-03
63	0.11971313E-03	-0.50170731E-03
64	0.75012373E-04	-0.39327095E-03
65	0.40780469E-04	-0.29318864E-03
66	0.15963669E-04	-0.20543557E-03
67	-0.78147548E-06	-0.13192739E-03
68	-0.10911988E-04	-0.73124604E-04
69	-0.15883710E-04	-0.28641225E-04
70	-0.17091013E-04	0.23187351E-05
71	-0.15838556E-04	0.20720925E-04
72	-0.13287384E-04	0.28906476E-04
73	-0.10284996E-04	0.30259938E-04
74	-0.73718197E-05	0.27520682E-04
75	-0.48488832E-05	0.22740718E-04
76	-0.28443562E-05	0.17340346E-04
77	-0.13716895E-05	0.12213713E-04
78	-0.37615416E-06	0.78508629E-05
79	0.23030722E-06	0.44427343E-05
80	0.54390517E-06	0.19799795E-05
81	0.65398007E-06	0.34753248E-06
82	0.63569405E-06	-0.61644238E-06
83	0.54721448E-06	-0.10847292E-05
84	0.42998832E-06	-0.12158133E-05
85	0.31092770E-06	-0.11406216E-05
86	0.20543085E-06	-0.95842427E-06
87	0.12050363E-06	-0.73840397E-06
88	0.57555170E-07	-0.52423047E-06
89	0.14667416E-07	-0.33976042E-06

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11700524E-07	-0.19439871E-06
91	-0.25522164E-07	-0.88332172E-07
92	-0.30527129E-07	-0.17070732E-07
93	-0.29878802E-07	0.25915956E-07
94	-0.26052467E-07	0.47646751E-07
95	-0.20841348E-07	0.54620710E-07
96	-0.15438586E-07	0.52286836E-07
97	-0.10553718E-07	0.44860830E-07
98	-0.65354824E-08	0.35362948E-07
99	-0.34840002E-08	0.25778897E-07
100	-0.13437688E-08	0.17272871E-07
101	0.24777364E-10	0.10392943E-07
102	0.79282303E-09	0.52531104E-08
103	0.11286497E-08	0.17107861E-08
104	0.11794126E-08	-0.49856946E-09
105	0.10630611E-08	-0.16841685E-08
106	0.86668994E-09	-0.21464335E-08
107	0.64926797E-09	-0.21438891E-08
108	0.44663620E-09	-0.18796231E-08
109	0.27717367E-09	-0.15004477E-08
110	0.14714489E-09	-0.11033253E-08
111	0.55212137E-10	-0.74509737E-09
112	-0.40652004E-11	-0.45258786E-09
113	-0.37706140E-10	-0.23209952E-09
114	-0.52710350E-10	-0.78368548E-10
115	-0.55252480E-10	0.19183497E-10
116	-0.50328141E-10	0.73100796E-10
117	-0.41677897E-10	0.95650828E-10
118	-0.31887208E-10	0.97523878E-10
119	-0.22577436E-10	0.87267485E-10
120	-0.14627088E-10	0.71209823E-10
121	-0.83847573E-11	0.53673593E-10
122	-0.38525333E-11	0.37332432E-10
123	-0.83104281E-12	0.23608121E-10
124	0.97319147E-12	0.13006833E-10
125	0.18713577E-11	0.54365648E-11
126	0.21481627E-11	0.49604369E-12
127	0.20402766E-11	-0.23531760E-11
128	0.17285350E-11	-0.36721715E-11
129	0.13400208E-11	-0.39658108E-11
130	0.95584922E-12	-0.36451549E-11
131	0.62121456E-12	-0.30177558E-11
132	0.35548086E-12	-0.22948741E-11
133	0.16106130E-12	-0.16073461E-11
134	0.30527731E-13	-0.10243358E-11
135	-0.48115818E-13	-0.57062433E-12

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.87819529E-13	-0.24358472E-12
137	-0.10051962E-12	-0.27150609E-13
138	-0.96207080E-13	0.10056075E-12
139	-0.82602978E-13	0.16240679E-12
140	-0.65228713E-13	0.17916305E-12
141	-0.47700820E-13	0.16800569E-12
142	-0.32120665E-13	0.14205562E-12
143	-0.19473647E-13	0.11058700E-12
144	-0.99874002E-14	0.79594351E-13
145	-0.34248130E-14	0.52500606E-13
146	0.69381395E-15	0.30839653E-13
147	0.29320914E-14	0.14847920E-13
148	0.38347566E-14	0.39969435E-14
149	0.38726689E-14	-0.26183696E-14
150	0.34178552E-14	-0.60305057E-14
151	0.27407852E-14	-0.72161193E-14
152	0.20213471E-14	-0.70002589E-14
153	0.13661833E-14	-0.60209046E-14
154	0.82748803E-15	-0.47318953E-14
155	0.42032946E-15	-0.34271271E-14
156	0.13701466E-15	-0.22737973E-14
157	-0.41949145E-16	-0.13460420E-14
158	-0.14013063E-15	-0.65639362E-15
159	-0.18044925E-15	-0.18338683E-15
160	-0.18279089E-15	0.11013324E-15
161	-0.16299933E-15	0.26635155E-15
162	-0.13275877E-15	0.32542397E-15
163	-0.10000781E-15	0.32169824E-15
164	-0.69610921E-16	0.28221870E-15
165	-0.44098785E-16	0.22669775E-15
166	-0.24365842E-16	0.16834261E-15
167	-0.10259361E-16	0.11511460E-15
168	-0.10376382E-17	0.71045087E-16
169	0.42987394E-17	0.37448045E-16
170	0.67862390E-17	0.13879047E-16
171	0.73598362E-17	-0.11313390E-17
172	0.67821725E-17	-0.94756889E-17
173	0.56238174E-17	-0.13046462E-16
174	0.42773894E-17	-0.13481950E-16
175	0.29883130E-17	-0.12090861E-16
176	0.18877852E-17	-0.98427354E-17
177	0.10266986E-17	-0.73866311E-17
178	0.40393551E-18	-0.51262306E-17
179	-0.11600282E-19	-0.32574137E-17
180	-0.26208274E-18	-0.18246614E-17
181	-0.39001209E-18	-0.79629498E-18

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.43279604E-18	-0.11155824E-18
183	-0.42141430E-18	0.30046185E-18
184	-0.37941040E-18	0.51128060E-18
185	-0.32378041E-18	0.58343230E-18
186	-0.26525459E-18	0.57966429E-18
187	-0.20891328E-18	0.54392450E-18
188	-0.15701750E-18	0.49175029E-18
189	-0.11092015E-18	0.42886851E-18
190	-0.71429204E-19	0.36042459E-18
191	-0.38872904E-19	0.29085033E-18
192	-0.13175796E-19	0.22377645E-18
193	0.60587333E-20	0.16199302E-18
194	0.19464372E-19	0.10745652E-18
195	0.27830682E-19	0.61339313E-19
196	0.32028634E-19	0.24114045E-19
197	0.32945977E-19	-0.43365905E-20
198	0.31434392E-19	-0.24594918E-19
199	0.28269489E-19	-0.37578411E-19
200	0.24123639E-19	-0.44414051E-19
201	0.19550855E-19	-0.46324399E-19
202	0.14982222E-19	-0.44530874E-19
203	0.10730011E-19	-0.40177432E-19
204	0.69983381E-20	-0.34275906E-19
205	0.38982332E-20	-0.27672274E-19
206	0.14651100E-20	-0.21031844E-19
207	-0.32309663E-21	-0.14840244E-19
208	-0.15285371E-20	-0.94165966E-20
209	-0.22378230E-20	-0.49351639E-20
210	-0.25488403E-20	-0.14518437E-20
211	-0.25603221E-20	0.10675683E-20
212	-0.23642292E-20	0.27199037E-20
213	-0.20407562E-20	0.36397962E-20
214	-0.16556358E-20	0.39787117E-20
215	-0.12593201E-20	0.38884408E-20
216	-0.88758166E-21	0.35091522E-20
217	-0.56309442E-21	0.29617188E-20
218	-0.29758893E-21	0.23437535E-20
219	-0.94248210E-22	0.17286536E-20
220	0.49919475E-22	0.11668843E-20
221	0.14191683E-21	0.68876044E-21
222	0.19091943E-21	0.30807285E-21
223	0.20681882E-21	0.26007846E-22
224	0.19915451E-21	-0.16505202E-21
225	0.17640768E-21	-0.27813398E-21
226	0.14560637E-21	-0.32885630E-21
227	0.11218055E-21	-0.33325486E-21

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.80002253E-22	-0.30624784E-21
229	0.51549722E-22	-0.26067849E-21
230	0.28142133E-22	-0.20684185E-21
231	0.10201921E-22	-0.15238820E-21
232	-0.24874816E-23	-0.10249378E-21
233	-0.10550187E-22	-0.60199900E-22
234	-0.14825137E-22	-0.26836288E-22
235	-0.16217141E-22	-0.24635669E-23
236	-0.15591091E-22	0.13711927E-22
237	-0.13704996E-22	0.22980234E-22
238	-0.11175278E-22	0.26841541E-22
239	-0.84669498E-23	0.26794961E-22
240	-0.59013130E-23	0.24197578E-22
241	-0.36746427E-23	0.20183956E-22
242	-0.18824095E-23	0.15633709E-22
243	-0.54487318E-24	0.11174294E-22
244	0.36885253E-24	0.72069741E-23
245	0.92005705E-24	0.39457162E-23
246	0.11838764E-23	0.14608755E-23
247	0.12370921E-23	-0.27817015E-24
248	0.11499747E-23	-0.13652450E-23
249	0.98157075E-24	-0.19264894E-23
250	0.77770074E-24	-0.20970169E-23
251	0.57092595E-24	-0.20047853E-23
252	0.38180491E-24	-0.17607168E-23
253	0.22087802E-24	-0.14537856E-23
254	0.90953456E-25	-0.11496840E-23
255	-0.10598168E-25	-0.89176416E-24
256	-0.89708948E-25	-0.70313145E-24
257	-0.15370819E-24	-0.58901088E-24
258	-0.20964094E-24	-0.53878510E-24
259	-0.26275936E-24	-0.52738354E-24

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62043173E-03	-0.18623476E-03
2	0.60180918E-03	-0.18620705E-03
3	0.58319373E-03	-0.18607700E-03
4	0.56460005E-03	-0.18575940E-03
5	0.54605090E-03	-0.18517113E-03
6	0.52757817E-03	-0.18421185E-03
7	0.50922489E-03	-0.18276185E-03
8	0.49104664E-03	-0.18068738E-03
9	0.47311286E-03	-0.17784871E-03
10	0.45550716E-03	-0.17410149E-03
11	0.43832918E-03	-0.16925547E-03
12	0.42170149E-03	-0.16304686E-03
13	0.40577565E-03	-0.15516384E-03
14	0.39073540E-03	-0.14528079E-03
15	0.37679600E-03	-0.13310180E-03
16	0.36419864E-03	-0.11841479E-03
17	0.35320083E-03	-0.10109493E-03
18	0.34407098E-03	-0.81034588E-04
19	0.33708973E-03	-0.58098878E-04
20	0.33255253E-03	-0.32124066E-04
21	0.33077266E-03	-0.29173709E-05
22	0.33208411E-03	0.29741203E-04
23	0.33684404E-03	0.66094253E-04
24	0.34543491E-03	0.10640584E-03
25	0.35826661E-03	0.15095921E-03
26	0.37577780E-03	0.20004429E-03
27	0.39843586E-03	0.25394131E-03
28	0.42673480E-03	0.31290014E-03
29	0.46119091E-03	0.37710983E-03
30	0.50233467E-03	0.44665727E-03
31	0.55070070E-03	0.52155461E-03
32	0.60655037E-03	0.59359474E-03
33	0.66905085E-03	0.65457047E-03
34	0.73709659E-03	0.70450921E-03
35	0.80958847E-03	0.74352231E-03
36	0.88544434E-03	0.77183469E-03
37	0.96361001E-03	0.78978448E-03
38	0.10430708E-02	0.79782325E-03
39	0.11228631E-02	0.79651608E-03
40	0.12020852E-02	0.78654126E-03
41	0.12799088E-02	0.76869060E-03
42	0.13555909E-02	0.74386928E-03
43	0.14284843E-02	0.71309583E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.14980494E-02	0.67750213E-03
45	0.15638656E-02	0.63833356E-03
46	0.16256423E-02	0.59694884E-03
47	0.16832305E-02	0.55482012E-03
48	0.17366343E-02	0.51353278E-03
49	0.17860217E-02	0.47478583E-03
50	0.18317365E-02	0.44039151E-03
51	0.18743094E-02	0.41227546E-03
52	0.19144689E-02	0.39247680E-03
53	0.19531536E-02	0.38314794E-03
54	0.19915230E-02	0.38655472E-03
55	0.20309684E-02	0.40507640E-03
56	0.20731252E-02	0.44120560E-03
57	0.21189745E-02	0.47027919E-03
58	0.21661276E-02	0.46774739E-03
59	0.22115647E-02	0.43644305E-03
60	0.22525552E-02	0.37931232E-03
61	0.22866684E-02	0.29941479E-03
62	0.23117850E-02	0.19992342E-03
63	0.23261094E-02	0.84124586E-04
64	0.23281798E-02	-0.44581990E-04
65	0.23168800E-02	-0.18268316E-03
66	0.22914510E-02	-0.32655237E-03
67	0.22515019E-02	-0.47244976E-03
68	0.21970219E-02	-0.61652198E-03
69	0.21283906E-02	-0.75480231E-03
70	0.20463904E-02	-0.88321068E-03
71	0.19522172E-02	-0.99755358E-03
72	0.18474193E-02	-0.10957060E-02
73	0.17336156E-02	-0.11776680E-02
74	0.16124254E-02	-0.12434393E-02
75	0.14854675E-02	-0.12930202E-02
76	0.13543611E-02	-0.13264104E-02
77	0.12207251E-02	-0.13436102E-02
78	0.10861787E-02	-0.13446196E-02
79	0.95234090E-03	-0.13294383E-02
80	0.82083076E-03	-0.12980665E-02
81	0.69326727E-03	-0.12505042E-02
82	0.57126960E-03	-0.11867513E-02
83	0.45645671E-03	-0.11068080E-02
84	0.35044769E-03	-0.10106741E-02
85	0.25491804E-03	-0.89665584E-03
86	0.17206621E-03	-0.75414695E-03
87	0.10479280E-03	-0.59051352E-03
88	0.53795135E-04	-0.43193117E-03
89	0.17744713E-04	-0.29320439E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.57184329E-05	-0.18065826E-03
91	-0.19284038E-04	-0.95025091E-04
92	-0.25543437E-04	-0.33991491E-04
93	-0.26778189E-04	0.61665114E-05
94	-0.24862882E-04	0.29742108E-04
95	-0.21241272E-04	0.40972533E-04
96	-0.16953787E-04	0.43640590E-04
97	-0.12694107E-04	0.40880077E-04
98	-0.88776424E-05	0.35123441E-04
99	-0.57102975E-05	0.28140454E-04
100	-0.32505375E-05	0.21127888E-04
101	-0.14614933E-05	0.14812116E-04
102	-0.25288935E-06	0.95530922E-05
103	0.48773455E-06	0.54523489E-05
104	0.87432608E-06	0.24539736E-05
105	0.10106702E-05	0.41982668E-06
106	0.98448800E-06	-0.82842382E-06
107	0.86489075E-06	-0.14795147E-05
108	0.70265912E-06	-0.17083819E-05
109	0.53234618E-06	-0.16632948E-05
110	0.37523830E-06	-0.14610633E-05
111	0.24251040E-06	-0.11875247E-05
112	0.13816285E-06	-0.90110092E-06
113	0.61525341E-07	-0.63762337E-06
114	0.92609609E-08	-0.41546227E-06
115	-0.23142036E-07	-0.24054884E-06
116	-0.40370598E-07	-0.11128911E-06
117	-0.46742787E-07	-0.22317183E-07
118	-0.45938702E-07	0.33514656E-07
119	-0.40891067E-07	0.63810148E-07
120	-0.33790446E-07	0.75692448E-07
121	-0.26162141E-07	0.75287801E-07
122	-0.18978525E-07	0.67513973E-07
123	-0.12781566E-07	0.56073574E-07
124	-0.77991986E-08	0.43571550E-07
125	-0.40463788E-08	0.31695837E-07
126	-0.14073221E-08	0.21401405E-07
127	0.30006730E-09	0.13091931E-07
128	0.12784227E-08	0.68032140E-08
129	0.17222787E-08	0.23615525E-08
130	0.18028323E-08	-0.51713300E-09
131	0.16598372E-08	-0.21662649E-08
132	0.13996482E-08	-0.29133334E-08
133	0.10975946E-08	-0.30476792E-08
134	0.80266449E-09	-0.28054608E-08
135	0.54306470E-09	-0.23663724E-08

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.33171055E-09	-0.18576669E-08
137	0.17109467E-09	-0.13620616E-08
138	0.57287067E-10	-0.92679103E-09
139	-0.16965363E-10	-0.57257526E-09
140	-0.60029412E-10	-0.30240246E-09
141	-0.80021018E-10	-0.10948443E-09
142	-0.84118455E-10	0.17668911E-10
143	-0.78230568E-10	0.92522094E-10
144	-0.66913482E-10	0.12839187E-09
145	-0.53454817E-10	0.13718314E-09
146	-0.40050394E-10	0.12876832E-09
147	-0.28019058E-10	0.11081631E-09
148	-0.18018949E-10	0.88909748E-10
149	-0.10243072E-10	0.66824275E-10
150	-0.45830718E-11	0.46869484E-10
151	-0.75915392E-12	0.30215330E-10
152	0.15816584E-11	0.17211099E-10
153	0.27995932E-11	0.77026892E-11
154	0.32243886E-11	0.12600510E-11
155	0.31348056E-11	-0.26865259E-11
156	0.27502399E-11	-0.47384115E-11
157	0.22317293E-11	-0.54521136E-11
158	0.16887200E-11	-0.52987298E-11
159	0.11885291E-11	-0.46489743E-11
160	0.76640186E-12	-0.37749170E-11
161	0.43486059E-12	-0.28614121E-11
162	0.19165449E-12	-0.20218553E-11
163	0.26082714E-13	-0.13145021E-11
164	-0.76276814E-13	-0.75807513E-12
165	-0.13039225E-12	-0.34744619E-12
166	-0.15005206E-12	-0.65397537E-13
167	-0.14699101E-12	0.11107369E-12
168	-0.13054447E-12	0.20633050E-12
169	-0.10767330E-12	0.24313526E-12
170	-0.83214577E-13	0.24102527E-12
171	-0.60243565E-13	0.21565590E-12
172	-0.40466528E-13	0.17879254E-12
173	-0.24592871E-13	0.13869464E-12
174	-0.12657567E-13	0.10069777E-12
175	-0.42829056E-14	0.67813241E-13
176	0.11177466E-14	0.41308662E-13
177	0.41949662E-14	0.21288267E-13
178	0.55726840E-14	0.71863868E-14
179	0.57987376E-14	-0.19206728E-14
180	0.53192005E-14	-0.71081988E-14
181	0.44727054E-14	-0.94274911E-14

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.34984458E-14	-0.98044784E-14
183	0.25514276E-14	-0.89929310E-14
184	0.17204073E-14	-0.75649453E-14
185	0.10455208E-14	-0.59244889E-14
186	0.53387317E-15	-0.43331241E-14
187	0.17231218E-15	-0.29392731E-14
188	-0.62705531E-16	-0.18071452E-14
189	-0.19813136E-15	-0.94545246E-15
190	-0.26007077E-15	-0.33200216E-15
191	-0.27155440E-15	0.70770013E-16
192	-0.25148673E-15	0.30644297E-15
193	-0.21440627E-15	0.41790168E-15
194	-0.17077326E-15	0.44335470E-15
195	-0.12754888E-15	0.41440126E-15
196	-0.88890390E-16	0.35552625E-15
197	-0.56849238E-16	0.28448311E-15
198	-0.32001001E-16	0.21322303E-15
199	-0.13969889E-16	0.14900528E-15
200	-0.18431782E-17	0.95490570E-16
201	0.55218979E-17	0.53786043E-16
202	0.92920060E-17	0.23420803E-16
203	0.10537623E-16	0.30024836E-17
204	0.10160833E-16	-0.93659502E-17
205	0.88663190E-17	-0.15677782E-16
206	0.71662180E-17	-0.17761354E-16
207	0.54038113E-17	-0.17152035E-16
208	0.37865032E-17	-0.15021959E-16
209	0.24213808E-17	-0.12233052E-16
210	0.13426053E-17	-0.93627705E-17
211	0.54087562E-18	-0.67310164E-17
212	-0.17027427E-19	-0.45021443E-17
213	-0.37480301E-18	-0.27307654E-17
214	-0.57784733E-18	-0.13993919E-17
215	-0.66769383E-18	-0.45839149E-18
216	-0.68048711E-18	0.15376591E-18
217	-0.64513672E-18	0.52004018E-18
218	-0.58186521E-18	0.72472943E-18
219	-0.50370393E-18	0.82402699E-18
220	-0.41958905E-18	0.84744747E-18
221	-0.33605735E-18	0.81557997E-18
222	-0.25772231E-18	0.74623448E-18
223	-0.18756662E-18	0.65420417E-18
224	-0.12724443E-18	0.55128558E-18
225	-0.77372516E-19	0.44647637E-18
226	-0.37795262E-19	0.34628399E-18
227	-0.78158559E-20	0.25508759E-18

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.13609669E-19	0.17551363E-18
229	0.27715446E-19	0.10879689E-18
230	0.35803372E-19	0.55109855E-19
231	0.39151722E-19	0.13852052E-19
232	0.38950523E-19	-0.16103525E-19
233	0.36259440E-19	-0.36206439E-19
234	0.31984066E-19	-0.48064415E-19
235	0.26866809E-19	-0.53314854E-19
236	0.21488996E-19	-0.53528305E-19
237	0.16281212E-19	-0.50139847E-19
238	0.11539253E-19	-0.44404587E-19
239	0.74434881E-20	-0.37373497E-19
240	0.40797650E-20	-0.29886058E-19
241	0.14603560E-20	-0.22576244E-19
242	-0.45622055E-21	-0.15888535E-19
243	-0.17473522E-20	-0.10100860E-19
244	-0.25110075E-20	-0.53516348E-20
245	-0.28532131E-20	-0.16684238E-20
246	-0.28783898E-20	0.10038633E-20
247	-0.26824177E-20	0.27768294E-20
248	-0.23481626E-20	0.37956370E-20
249	-0.19431080E-20	0.42199136E-20
250	-0.15186943E-20	0.42087580E-20
251	-0.11109518E-20	0.39097431E-20
252	-0.74205235E-21	0.34515290E-20
253	-0.42243936E-21	0.29395158E-20
254	-0.15327073E-21	0.24538561E-20
255	0.71029433E-22	0.20491237E-20
256	0.26024004E-21	0.17549721E-20
257	0.42590376E-21	0.15772173E-20
258	0.57899826E-21	0.14989049E-20
259	0.72770154E-21	0.14810973E-20

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62043173E-03	-0.18623477E-03
2	0.60180918E-03	-0.18620705E-03
3	0.58319373E-03	-0.18607700E-03
4	0.56460005E-03	-0.18575940E-03
5	0.54605090E-03	-0.18517113E-03
6	0.52757817E-03	-0.18421185E-03
7	0.50922489E-03	-0.18276184E-03
8	0.49104664E-03	-0.18068738E-03
9	0.47311286E-03	-0.17784869E-03
10	0.45550716E-03	-0.17410147E-03
11	0.43832918E-03	-0.16925544E-03
12	0.42170149E-03	-0.16304682E-03
13	0.40577565E-03	-0.15516378E-03
14	0.39073540E-03	-0.14528073E-03
15	0.37679603E-03	-0.13310173E-03
16	0.36419867E-03	-0.11841470E-03
17	0.35320086E-03	-0.10109484E-03
18	0.34407104E-03	-0.81034486E-04
19	0.33708979E-03	-0.58098769E-04
20	0.33255259E-03	-0.32123957E-04
21	0.33077275E-03	-0.29172704E-05
22	0.33208419E-03	0.29741284E-04
23	0.33684415E-03	0.66094304E-04
24	0.34543502E-03	0.10640584E-03
25	0.35826670E-03	0.15095914E-03
26	0.37577789E-03	0.20004413E-03
27	0.39843592E-03	0.25394102E-03
28	0.42673483E-03	0.31289971E-03
29	0.46119088E-03	0.37710922E-03
30	0.50233462E-03	0.44665643E-03
31	0.55070053E-03	0.52155351E-03
32	0.60655008E-03	0.59359334E-03
33	0.66905038E-03	0.65456878E-03
34	0.73709589E-03	0.70450723E-03
35	0.80958760E-03	0.74351998E-03
36	0.88544324E-03	0.77183195E-03
37	0.96360856E-03	0.78978133E-03
38	0.10430691E-02	0.79781975E-03
39	0.11228611E-02	0.79651212E-03
40	0.12020826E-02	0.78653690E-03
41	0.12799059E-02	0.76868595E-03
42	0.13555875E-02	0.74386445E-03
43	0.14284804E-02	0.71309123E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.14980451E-02	0.67749823E-03
45	0.15638608E-02	0.63833094E-03
46	0.16256374E-02	0.59694838E-03
47	0.16832257E-02	0.55482268E-03
48	0.17366300E-02	0.51353959E-03
49	0.17860184E-02	0.47479820E-03
50	0.18317348E-02	0.44041089E-03
51	0.18743100E-02	0.41230343E-03
52	0.19144728E-02	0.39251495E-03
53	0.19531620E-02	0.38319780E-03
54	0.19915369E-02	0.38661755E-03
55	0.20309894E-02	0.40515309E-03
56	0.20731543E-02	0.44129632E-03
57	0.21190133E-02	0.47038269E-03
58	0.21661774E-02	0.46786125E-03
59	0.22116264E-02	0.43656488E-03
60	0.22526295E-02	0.37943973E-03
61	0.22867555E-02	0.29954538E-03
62	0.23118854E-02	0.20005478E-03
63	0.23262226E-02	0.84254316E-04
64	0.23283057E-02	-0.44456283E-04
65	0.23170181E-02	-0.18256386E-03
66	0.22916007E-02	-0.32644192E-03
67	0.22516621E-02	-0.47235051E-03
68	0.21971914E-02	-0.61643688E-03
69	0.21285678E-02	-0.75473526E-03
70	0.20465732E-02	-0.88316581E-03
71	0.19524032E-02	-0.99753484E-03
72	0.18476058E-02	-0.10957166E-02
73	0.17337996E-02	-0.11777094E-02
74	0.16126035E-02	-0.12435117E-02
75	0.14856369E-02	-0.12931217E-02
76	0.13545190E-02	-0.13265379E-02
77	0.12208692E-02	-0.13437594E-02
78	0.10863070E-02	-0.13447847E-02
79	0.95245213E-03	-0.13296134E-02
80	0.82092430E-03	-0.12982445E-02
81	0.69334317E-03	-0.12506774E-02
82	0.57132868E-03	-0.11869135E-02
83	0.45650036E-03	-0.11069538E-02
84	0.35047779E-03	-0.10107982E-02
85	0.25493698E-03	-0.89675473E-03
86	0.17207653E-03	-0.75422082E-03
87	0.10479689E-03	-0.59056480E-03
88	0.53795069E-04	-0.43196368E-03
89	0.17742157E-04	-0.29322243E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.57222360E-05	-0.18066580E-03
91	-0.19288214E-04	-0.95025556E-04
92	-0.25547424E-04	-0.33987639E-04
93	-0.26781665E-04	0.61725909E-05
94	-0.24865703E-04	0.29748941E-04
95	-0.21243415E-04	0.40979154E-04
96	-0.16955302E-04	0.43646454E-04
97	-0.12695085E-04	0.40884930E-04
98	-0.88781881E-05	0.35127232E-04
99	-0.57105144E-05	0.28143264E-04
100	-0.32505168E-05	0.21129856E-04
101	-0.14613115E-05	0.14813398E-04
102	-0.25260795E-06	0.95538217E-05
103	0.48806504E-06	0.54526108E-05
104	0.87466259E-06	0.24538515E-05
105	0.10109803E-05	0.41944114E-06
106	0.98475141E-06	-0.82895087E-06
107	0.86509885E-06	-0.14800811E-05
108	0.70281175E-06	-0.17089164E-05
109	0.53244867E-06	-0.16637586E-05
110	0.37529867E-06	-0.14614412E-05
111	0.24253731E-06	-0.11878171E-05
112	0.13816447E-06	-0.90131630E-06
113	0.61508793E-07	-0.63777321E-06
114	0.92322878E-08	-0.41555626E-06
115	-0.23177551E-07	-0.24059199E-06
116	-0.40408107E-07	-0.11128762E-06
117	-0.46778407E-07	-0.22283173E-07
118	-0.45969863E-07	0.33567684E-07
119	-0.40916479E-07	0.63870274E-07
120	-0.33809869E-07	0.75751004E-07
121	-0.26176016E-07	0.75339607E-07
122	-0.18987668E-07	0.67556584E-07
123	-0.12786937E-07	0.56106423E-07
124	-0.78017504E-08	0.43595271E-07
125	-0.40469632E-08	0.31711707E-07
126	-0.14066478E-08	0.21410976E-07
127	0.30144856E-09	0.13096743E-07
128	0.12801035E-08	0.68045898E-08
129	0.17239725E-08	0.23606186E-08
130	0.18043590E-08	-0.51939975E-09
131	0.16611030E-08	-0.21691051E-08
132	0.14006243E-08	-0.29162222E-08
133	0.10982932E-08	-0.30503016E-08
134	0.80312135E-09	-0.28076592E-08
135	0.54332527E-09	-0.23680995E-08

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.33182135E-09	-0.18589423E-08
137	0.17109830E-09	-0.13629405E-08
138	0.57219882E-10	-0.92733959E-09
139	-0.17073417E-10	-0.57285265E-09
140	-0.60154062E-10	-0.30246800E-09
141	-0.80144377E-10	-0.10940412E-09
142	-0.84229082E-10	0.17834074E-10
143	-0.78322536E-10	0.92723197E-10
144	-0.66985029E-10	0.12859475E-09
145	-0.53506893E-10	0.13736706E-09
146	-0.40085501E-10	0.12892271E-09
147	-0.28040374E-10	0.11093769E-09
148	-0.18029743E-10	0.88999287E-10
149	-0.10246352E-10	0.66885796E-10
150	-0.45813930E-11	0.46908026E-10
151	-0.75455110E-12	0.30236105E-10
152	0.15876439E-11	0.17218652E-10
153	0.28058395E-11	0.77010056E-11
154	0.32301579E-11	0.12527456E-11
155	0.31396884E-11	-0.26965266E-11
156	0.27540793E-11	-0.47489950E-11
157	0.22345398E-11	-0.54619469E-11
158	0.16906163E-11	-0.53071094E-11
159	0.11896723E-11	-0.46556413E-11
160	0.76696380E-12	-0.37798996E-11
161	0.43500102E-12	-0.28649002E-11
162	0.19151023E-12	-0.20241068E-11
163	0.25764291E-13	-0.13157743E-11
164	-0.76682462E-13	-0.75857658E-12
165	-0.13081738E-12	-0.34736930E-12
166	-0.15044918E-12	-0.64947545E-13
167	-0.14733219E-12	0.11171503E-12
168	-0.13081790E-12	0.20702560E-12
169	-0.10787846E-12	0.24379446E-12
170	-0.83357847E-13	0.24159816E-12
171	-0.60334868E-13	0.21612066E-12
172	-0.40516937E-13	0.17914655E-12
173	-0.24613077E-13	0.13894686E-12
174	-0.12657019E-13	0.10086348E-12
175	-0.42693904E-14	0.67909769E-13
176	0.11381269E-14	0.41351837E-13
177	0.42176019E-14	0.21292658E-13
178	0.55944049E-14	0.71658665E-14
179	0.58176586E-14	-0.19544220E-14
180	0.53344644E-14	-0.71463831E-14
181	0.44841840E-14	-0.94642921E-14

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.35064593E-14	-0.98366080E-14
183	0.25565284E-14	-0.90189425E-14
184	0.17232257E-14	-0.75846295E-14
185	0.10466666E-14	-0.59383930E-14
186	0.53387936E-15	-0.43421907E-14
187	0.17160939E-15	-0.29445618E-14
188	-0.63789370E-16	-0.18096249E-14
189	-0.19935589E-15	-0.94589747E-15
190	-0.26126567E-15	-0.33107447E-15
191	-0.27261369E-15	0.72461723E-16
192	-0.25235904E-15	0.30842622E-15
193	-0.21507963E-15	0.41985517E-15
194	-0.17126118E-15	0.44508913E-15
195	-0.12787814E-15	0.41583272E-15
196	-0.89092686E-16	0.35663499E-15
197	-0.56956004E-16	0.28529155E-15
198	-0.32040093E-16	0.21377653E-15
199	-0.13963767E-16	0.14936943E-15
200	-0.18071541E-17	0.95733874E-16
201	0.55781471E-17	0.53952482E-16
202	0.93620980E-17	0.23533780E-16
203	0.10617091E-16	0.30807101E-17
204	0.10246867E-16	-0.93135549E-17
205	0.89559565E-17	-0.15660526E-16
206	0.72552243E-17	-0.17793636E-16
207	0.54866088E-17	-0.17245358E-16
208	0.38566953E-17	-0.15180792E-16
209	0.24725413E-17	-0.12453491E-16
210	0.13690986E-17	-0.96331444E-17
211	0.53856112E-18	-0.70333397E-17
212	-0.50272202E-19	-0.48146184E-17
213	-0.43887468E-18	-0.30312590E-17
214	-0.67055469E-18	-0.16688201E-17
215	-0.78515400E-18	-0.68184100E-18
216	-0.81752405E-18	-0.12896776E-19
217	-0.79572154E-18	0.41640321E-18
218	-0.73956301E-18	0.68611432E-18
219	-0.66205329E-18	0.84918610E-18
220	-0.57243918E-18	0.93085726E-18
221	-0.47807079E-18	0.94685948E-18
222	-0.38475368E-18	0.91226968E-18
223	-0.29683805E-18	0.84104421E-18
224	-0.21735026E-18	0.74565545E-18
225	-0.14815443E-18	0.63684279E-18
226	-0.90133335E-19	0.52348146E-18
227	-0.43376792E-19	0.41256060E-18

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.73672946E-20	0.30925734E-18
229	0.18845754E-19	0.21708647E-18
230	0.36489625E-19	0.13810442E-18
231	0.46934099E-19	0.73146128E-19
232	0.51581736E-19	0.22074310E-19
233	0.51783031E-19	-0.15975384E-19
234	0.48775270E-19	-0.42366679E-19
235	0.43642909E-19	-0.58761560E-19
236	0.37296462E-19	-0.66951340E-19
237	0.30466610E-19	-0.68722010E-19
238	0.23710030E-19	-0.65753543E-19
239	0.17423718E-19	-0.59550606E-19
240	0.11864798E-19	-0.51401026E-19
241	0.71733135E-20	-0.42357405E-19
242	0.33958729E-20	-0.33237115E-19
243	0.50858304E-21	-0.24636053E-19
244	-0.15618958E-20	-0.16951735E-19
245	-0.29199195E-20	-0.10412083E-19
246	-0.36854539E-20	-0.51066746E-20
247	-0.39818140E-20	-0.10180554E-20
248	-0.39264588E-20	0.19487495E-20
249	-0.36245915E-20	0.39397377E-20
250	-0.31652296E-20	0.51291761E-20
251	-0.26193476E-20	0.57008714E-20
252	-0.20396935E-20	0.58334203E-20
253	-0.14618917E-20	0.56891253E-20
254	-0.90649231E-21	0.54061124E-20
255	-0.38167012E-21	0.50930742E-20
256	0.11365614E-21	0.48260455E-20
257	0.58645959E-21	0.46466346E-20
258	0.10461155E-20	0.45611979E-20
259	0.15008587E-20	0.45405499E-20

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046357E-03	-0.18631348E-03
2	0.60183310E-03	-0.18628599E-03
3	0.58320974E-03	-0.18615699E-03
4	0.56460797E-03	-0.18584183E-03
5	0.54605037E-03	-0.18525771E-03
6	0.52756869E-03	-0.18430443E-03
7	0.50920574E-03	-0.18286213E-03
8	0.49101707E-03	-0.18079666E-03
9	0.47307188E-03	-0.17796754E-03
10	0.45545385E-03	-0.17422944E-03
11	0.43826268E-03	-0.16939073E-03
12	0.42162123E-03	-0.16318586E-03
13	0.40568152E-03	-0.15530089E-03
14	0.39062800E-03	-0.14540770E-03
15	0.37667688E-03	-0.13320742E-03
16	0.36407058E-03	-0.11848471E-03
17	0.35306829E-03	-0.10111114E-03
18	0.34394042E-03	-0.80975296E-04
19	0.33696994E-03	-0.57938483E-04
20	0.33245501E-03	-0.31833344E-04
21	0.33071206E-03	-0.24639342E-05
22	0.33207846E-03	0.30392030E-04
23	0.33691482E-03	0.66978107E-04
24	0.34560717E-03	0.10755741E-03
25	0.35856874E-03	0.15240966E-03
26	0.37624099E-03	0.20181792E-03
27	0.39909314E-03	0.25605128E-03
28	0.42761985E-03	0.31534338E-03
29	0.46233600E-03	0.37986090E-03
30	0.50376827E-03	0.44966571E-03
31	0.55244542E-03	0.52475778E-03
32	0.60862140E-03	0.59689640E-03
33	0.67145156E-03	0.65784081E-03
34	0.73981733E-03	0.70761837E-03
35	0.81260671E-03	0.74634049E-03
36	0.88872440E-03	0.77423314E-03
37	0.96710370E-03	0.79163804E-03
38	0.10467177E-02	0.79901365E-03
39	0.11265913E-02	0.79693552E-03
40	0.12058128E-02	0.78609720E-03
41	0.12835459E-02	0.76731102E-03
42	0.13590412E-02	0.74150867E-03
43	0.14316487E-02	0.70974178E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15008298E-02	0.67318254E-03
45	0.15661686E-02	0.63312351E-03
46	0.16273849E-02	0.59097772E-03
47	0.16843457E-02	0.54827757E-03
48	0.17370771E-02	0.50667918E-03
49	0.17857777E-02	0.46796902E-03
50	0.18308312E-02	0.43406486E-03
51	0.18728191E-02	0.40701276E-03
52	0.19125345E-02	0.38898273E-03
53	0.19509927E-02	0.38226219E-03
54	0.19894438E-02	0.38924708E-03
55	0.20293822E-02	0.41243038E-03
56	0.20725557E-02	0.45438745E-03
57	0.21200650E-02	0.49051031E-03
58	0.21696452E-02	0.49625803E-03
59	0.22183980E-02	0.47444846E-03
60	0.22637146E-02	0.42802779E-03
61	0.23032853E-02	0.36005559E-03
62	0.23351130E-02	0.27370485E-03
63	0.23575232E-02	0.17226192E-03
64	0.23691757E-02	0.59126553E-04
65	0.23690758E-02	-0.62188126E-04
66	0.23565863E-02	-0.18805558E-03
67	0.23314375E-02	-0.31473589E-03
68	0.22937404E-02	-0.43837575E-03
69	0.22439961E-02	-0.55500848E-03
70	0.21831084E-02	-0.66055392E-03
71	0.21123947E-02	-0.75081864E-03
72	0.20335247E-02	-0.82367758E-03
73	0.19482393E-02	-0.87913068E-03
74	0.18582789E-02	-0.91717800E-03
75	0.17653839E-02	-0.93781948E-03
76	0.16712951E-02	-0.94105513E-03
77	0.15777531E-02	-0.92688500E-03
78	0.14864983E-02	-0.89530903E-03
79	0.13992714E-02	-0.84632722E-03
80	0.13178131E-02	-0.77993964E-03
81	0.12438637E-02	-0.69614628E-03
82	0.11787597E-02	-0.60707476E-03
83	0.11222204E-02	-0.52485289E-03
84	0.10735608E-02	-0.44948061E-03
85	0.10320960E-02	-0.38095794E-03
86	0.99714089E-03	-0.31928488E-03
87	0.96801069E-03	-0.26446141E-03
88	0.94402034E-03	-0.21648759E-03
89	0.92448486E-03	-0.17536336E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.90871932E-03	-0.14108873E-03
91	0.89603878E-03	-0.11366374E-03
92	0.88575826E-03	-0.93088333E-04
93	0.87719283E-03	-0.79362551E-04
94	0.86965703E-03	-0.72499381E-04
95	0.86246355E-03	-0.72517039E-04
96	0.85492409E-03	-0.79420570E-04
97	0.84635004E-03	-0.93206269E-04
98	0.83605369E-03	-0.11386522E-03
99	0.82334829E-03	-0.14138596E-03
100	0.80754817E-03	-0.17575637E-03
101	0.78796910E-03	-0.21696495E-03
102	0.76392759E-03	-0.26500152E-03
103	0.73474145E-03	-0.31985762E-03
104	0.69972902E-03	-0.38152657E-03
105	0.65820920E-03	-0.45000334E-03
106	0.60950150E-03	-0.52528444E-03
107	0.55295537E-03	-0.60647359E-03
108	0.48818605E-03	-0.68828498E-03
109	0.41570212E-03	-0.75798435E-03
110	0.33769518E-03	-0.79450349E-03
111	0.25891195E-03	-0.76770654E-03
112	0.18621483E-03	-0.67908107E-03
113	0.12407439E-03	-0.56109612E-03
114	0.74221171E-04	-0.43634407E-03
115	0.36551090E-04	-0.31922653E-03
116	0.98543514E-05	-0.21775436E-03
117	-0.76319375E-05	-0.13524678E-03
118	-0.17833925E-04	-0.71906827E-04
119	-0.22598371E-04	-0.26118914E-04
120	-0.23557310E-04	0.46809614E-05
121	-0.22064231E-04	0.23419308E-04
122	-0.19179086E-04	0.32988526E-04
123	-0.15685007E-04	0.36003272E-04
124	-0.12123242E-04	0.34673682E-04
125	-0.88363831E-05	0.30760704E-04
126	-0.60130919E-05	0.25588006E-04
127	-0.37296197E-05	0.20090178E-04
128	-0.19855454E-05	0.14877684E-04
129	-0.73271769E-06	0.10306150E-04
130	0.10260286E-06	0.65421596E-05
131	0.60383945E-06	0.36219265E-05
132	0.85338695E-06	0.14936576E-05
133	0.92541836E-06	0.50809781E-07
134	0.88206383E-06	-0.83659029E-06
135	0.77221597E-06	-0.13005198E-05

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.63205090E-06	-0.14617198E-05
137	0.48654749E-06	-0.14226558E-05
138	0.35147491E-06	-0.12649361E-05
139	0.23547837E-06	-0.10496736E-05
140	0.14203302E-06	-0.81962565E-06
141	0.71131055E-07	-0.60224312E-06
142	0.20647123E-07	-0.41297844E-06
143	-0.12621891E-07	-0.25843156E-06
144	-0.32219262E-07	-0.13928691E-06
145	-0.41566253E-07	-0.52751645E-07
146	-0.43702300E-07	0.58023488E-08
147	-0.41159772E-07	0.41736694E-07
148	-0.35930810E-07	0.60395642E-07
149	-0.29494453E-07	0.66640297E-07
150	-0.22878856E-07	0.64601743E-07
151	-0.16739927E-07	0.57588540E-07
152	-0.11443648E-07	0.48100357E-07
153	-0.71432082E-08	0.37911583E-07
154	-0.38457824E-08	0.28189284E-07
155	-0.14669006E-08	0.19620510E-07
156	0.12772651E-09	0.12533938E-07
157	0.10920219E-08	0.70114101E-08
158	0.15793080E-08	0.29678673E-08
159	0.17285136E-08	0.21187234E-09
160	0.16566367E-08	-0.14954969E-08
161	0.14561867E-08	-0.23996902E-08
162	0.11959284E-08	-0.27269926E-08
163	0.92357794E-09	-0.26706031E-08
164	0.66944478E-09	-0.23851021E-08
165	0.45032258E-09	-0.19866493E-08
166	0.27316038E-09	-0.15568338E-08
167	0.13824583E-09	-0.11483182E-08
168	0.41790463E-10	-0.79099083E-09
169	-0.22091887E-10	-0.49785026E-09
170	-0.59981936E-10	-0.27078012E-09
171	-0.78294829E-10	-0.10511749E-09
172	-0.82773483E-10	0.75037138E-11
173	-0.78230880E-10	0.77021153E-10
174	-0.68471367E-10	0.11347518E-09
175	-0.56330666E-10	0.12608445E-09
176	-0.43786683E-10	0.12272755E-09
177	-0.32106554E-10	0.10972877E-09
178	-0.22002697E-10	0.91876944E-10
179	-0.13779256E-10	0.72582357E-10
180	-0.74592563E-11	0.54096869E-10
181	-0.28884562E-11	0.37754168E-10

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.18450017E-12	0.24199155E-10
183	0.20500819E-11	0.13605358E-10
184	0.29994434E-11	0.58277077E-11
185	0.32976833E-11	0.51185662E-12
186	0.31688591E-11	-0.27926626E-11
187	0.27906336E-11	-0.45526946E-11
188	0.22953755E-11	-0.52010635E-11
189	0.17751189E-11	-0.51084957E-11
190	0.12884750E-11	-0.45719717E-11
191	0.86807493E-12	-0.38149358E-11
192	0.52759723E-12	-0.29946169E-11
193	0.26787079E-12	-0.22127205E-11
194	0.81842322E-13	-0.15271478E-11
195	-0.41613367E-13	-0.96321323E-12
196	-0.11499798E-12	-0.52520808E-12
197	-0.15058292E-12	-0.20504079E-12
198	-0.15941362E-12	0.12901791E-13
199	-0.15077875E-12	0.14755841E-12
200	-0.13203307E-12	0.21828105E-12
201	-0.10865907E-12	0.24290793E-12
202	-0.84480789E-13	0.23665569E-12
203	-0.61950411E-13	0.21172892E-12
204	-0.42449188E-13	0.17737663E-12
205	-0.26569569E-13	0.14018994E-12
206	-0.14360512E-13	0.10452394E-12
207	-0.55280669E-14	0.72959318E-13
208	0.40981026E-15	0.46748433E-13
209	0.40118576E-14	0.26244679E-13
210	0.58403061E-14	0.11187730E-13
211	0.64084175E-14	0.90119319E-15
212	0.61505582E-14	-0.54849415E-14
213	0.54112255E-14	-0.88771916E-14
214	0.44468594E-14	-0.10117254E-13
215	0.34355288E-14	-0.99246918E-14
216	0.24904971E-14	-0.88748504E-14
217	0.16747174E-14	-0.74002448E-14
218	0.10144745E-14	-0.58048472E-14
219	0.51123404E-15	-0.42848674E-14
220	0.15127884E-15	-0.29515551E-14
221	-0.86954371E-16	-0.18545647E-14
222	-0.22783926E-15	-0.10037297E-14
223	-0.29539250E-15	-0.38365984E-15
224	-0.31123069E-15	0.36627108E-16
225	-0.29346571E-15	0.29495508E-15
226	-0.25636495E-15	0.42952398E-15
227	-0.21052722E-15	0.47510332E-15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.16332581E-15	0.46123729E-15
229	-0.11947289E-15	0.41157749E-15
230	-0.81607092E-16	0.34401425E-15
231	-0.50842458E-16	0.27127832E-15
232	-0.27244232E-16	0.20175827E-15
233	-0.10219287E-16	0.14038372E-15
234	0.11837478E-17	0.89546285E-16
235	0.80638893E-17	0.49926425E-16
236	0.11524255E-16	0.20963215E-16
237	0.12564831E-16	0.12489853E-17
238	0.12023808E-16	-0.10972556E-16
239	0.10560880E-16	-0.17477292E-16
240	0.86656458E-17	-0.19863139E-16
241	0.66801055E-17	-0.19493396E-16
242	0.48212077E-17	-0.17496415E-16
243	0.32068620E-17	-0.14718253E-16
244	0.18845025E-17	-0.11731728E-16
245	0.85560673E-18	-0.88924919E-17
246	0.94920487E-19	-0.63857640E-17
247	-0.43499640E-18	-0.42825456E-17
248	-0.77610118E-18	-0.26147024E-17
249	-0.97157977E-18	-0.13561471E-17
250	-0.10588005E-17	-0.44168984E-18
251	-0.10691682E-17	0.19525561E-18
252	-0.10261124E-17	0.64131194E-18
253	-0.94497268E-18	0.96536000E-18
254	-0.83603563E-18	0.11995491E-17
255	-0.70759051E-18	0.13579099E-17
256	-0.56649635E-18	0.14549898E-17
257	-0.41813747E-18	0.15057214E-17
258	-0.26638956E-18	0.15253288E-17
259	-0.11359392E-18	0.15292703E-17

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046351E-03	-0.18631344E-03
2	0.60183310E-03	-0.18628595E-03
3	0.58320974E-03	-0.18615695E-03
4	0.56460791E-03	-0.18584177E-03
5	0.54605032E-03	-0.18525765E-03
6	0.52756869E-03	-0.18430437E-03
7	0.50920574E-03	-0.18286206E-03
8	0.49101707E-03	-0.18079655E-03
9	0.47307191E-03	-0.17796741E-03
10	0.45545388E-03	-0.17422928E-03
11	0.43826274E-03	-0.16939052E-03
12	0.42162128E-03	-0.16318561E-03
13	0.40568161E-03	-0.15530062E-03
14	0.39062812E-03	-0.14540738E-03
15	0.37667702E-03	-0.13320707E-03
16	0.36407079E-03	-0.11848431E-03
17	0.35306852E-03	-0.10111073E-03
18	0.34394072E-03	-0.80974889E-04
19	0.33697026E-03	-0.57938105E-04
20	0.33245538E-03	-0.31833024E-04
21	0.33071244E-03	-0.24637202E-05
22	0.33207884E-03	0.30392082E-04
23	0.33691520E-03	0.66977933E-04
24	0.34560752E-03	0.10755694E-03
25	0.35856903E-03	0.15240879E-03
26	0.37624117E-03	0.20181655E-03
27	0.39909317E-03	0.25604930E-03
28	0.42761964E-03	0.31534073E-03
29	0.46233548E-03	0.37985743E-03
30	0.50376734E-03	0.44966134E-03
31	0.55244402E-03	0.52475242E-03
32	0.60861942E-03	0.59689005E-03
33	0.67144888E-03	0.65783353E-03
34	0.73981390E-03	0.70761034E-03
35	0.81260246E-03	0.74633199E-03
36	0.88871934E-03	0.77422470E-03
37	0.96709782E-03	0.79163042E-03
38	0.10467111E-02	0.79900766E-03
39	0.11265842E-02	0.79693215E-03
40	0.12058056E-02	0.78609766E-03
41	0.12835389E-02	0.76731679E-03
42	0.13590351E-02	0.74152130E-03
43	0.14316444E-02	0.70976320E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15008281E-02	0.67321467E-03
45	0.15661707E-02	0.63316844E-03
46	0.16273923E-02	0.59103745E-03
47	0.16843599E-02	0.54835406E-03
48	0.17370998E-02	0.50677400E-03
49	0.17858109E-02	0.46808328E-03
50	0.18308767E-02	0.43419880E-03
51	0.18728791E-02	0.40716550E-03
52	0.19126105E-02	0.38915186E-03
53	0.19510863E-02	0.38244331E-03
54	0.19895558E-02	0.38943335E-03
55	0.20295125E-02	0.41261196E-03
56	0.20727036E-02	0.45455099E-03
57	0.21202276E-02	0.49063563E-03
58	0.21698177E-02	0.49633469E-03
59	0.22185761E-02	0.47448103E-03
60	0.22638938E-02	0.42802081E-03
61	0.23034620E-02	0.36001363E-03
62	0.23352841E-02	0.27363244E-03
63	0.23576857E-02	0.17216358E-03
64	0.23693272E-02	0.59006823E-04
65	0.23692145E-02	-0.62324696E-04
66	0.23567106E-02	-0.18820446E-03
67	0.23315467E-02	-0.31489253E-03
68	0.22938335E-02	-0.43853562E-03
69	0.22440732E-02	-0.55516703E-03
70	0.21831698E-02	-0.66070660E-03
71	0.21124415E-02	-0.75096096E-03
72	0.20335580E-02	-0.82380493E-03
73	0.19482608E-02	-0.87923859E-03
74	0.18582906E-02	-0.91726310E-03
75	0.17653884E-02	-0.93788025E-03
76	0.16712948E-02	-0.94109104E-03
77	0.15777504E-02	-0.92689565E-03
78	0.14864960E-02	-0.89529395E-03
79	0.13992719E-02	-0.84628561E-03
80	0.13178190E-02	-0.77987061E-03
81	0.12438779E-02	-0.69604919E-03
82	0.11787851E-02	-0.60695061E-03
83	0.11222594E-02	-0.52470498E-03
84	0.10736155E-02	-0.44931596E-03
85	0.10321676E-02	-0.38078567E-03
86	0.99722971E-03	-0.31911410E-03
87	0.96811616E-03	-0.26430126E-03
88	0.94414089E-03	-0.21634717E-03
89	0.92461810E-03	-0.17525180E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.90886193E-03	-0.14101516E-03
91	0.89618645E-03	-0.11363726E-03
92	0.88590581E-03	-0.93118098E-04
93	0.87733421E-03	-0.79457663E-04
94	0.86978567E-03	-0.72655967E-04
95	0.86257438E-03	-0.72713003E-04
96	0.85501443E-03	-0.79628771E-04
97	0.84641995E-03	-0.93404749E-04
98	0.83610485E-03	-0.11404090E-03
99	0.82338328E-03	-0.14153248E-03
100	0.80757006E-03	-0.17587216E-03
101	0.78798085E-03	-0.21705157E-03
102	0.76393201E-03	-0.26506238E-03
103	0.73474087E-03	-0.31989708E-03
104	0.69972535E-03	-0.38154915E-03
105	0.65820396E-03	-0.45001341E-03
106	0.60949574E-03	-0.52528578E-03
107	0.55294979E-03	-0.60646929E-03
108	0.48818107E-03	-0.68827753E-03
109	0.41569796E-03	-0.75797545E-03
110	0.33769195E-03	-0.79449452E-03
111	0.25890957E-03	-0.76769834E-03
112	0.18621320E-03	-0.67907420E-03
113	0.12407337E-03	-0.56109071E-03
114	0.74220625E-04	-0.43634008E-03
115	0.36550879E-04	-0.31922382E-03
116	0.98543605E-05	-0.21775271E-03
117	-0.76318047E-05	-0.13524594E-03
118	-0.17833740E-04	-0.71906565E-04
119	-0.22598180E-04	-0.26119038E-04
120	-0.23557142E-04	0.46806226E-05
121	-0.22064101E-04	0.23418894E-04
122	-0.19178999E-04	0.32988133E-04
123	-0.15684955E-04	0.36002955E-04
124	-0.12123218E-04	0.34673456E-04
125	-0.88363777E-05	0.30760555E-04
126	-0.60130978E-05	0.25587919E-04
127	-0.37296320E-05	0.20090134E-04
128	-0.19855602E-05	0.14877673E-04
129	-0.73273247E-06	0.10306160E-04
130	0.10258962E-06	0.65421800E-05
131	0.60382854E-06	0.36219512E-05
132	0.85337854E-06	0.14936821E-05
133	0.92541228E-06	0.50831769E-07
134	0.88205979E-06	-0.83657204E-06
135	0.77221353E-06	-0.13005056E-05

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.63204965E-06	-0.14617094E-05
137	0.48654715E-06	-0.14226489E-05
138	0.35147508E-06	-0.12649318E-05
139	0.23547888E-06	-0.10496715E-05
140	0.14203366E-06	-0.81962492E-06
141	0.71131716E-07	-0.60224335E-06
142	0.20647731E-07	-0.41297920E-06
143	-0.12621375E-07	-0.25843258E-06
144	-0.32218853E-07	-0.13928799E-06
145	-0.41565947E-07	-0.52752650E-07
146	-0.43702091E-07	0.58014886E-08
147	-0.41159637E-07	0.41736005E-07
148	-0.35930736E-07	0.60395131E-07
149	-0.29494423E-07	0.66639942E-07
150	-0.22878856E-07	0.64601508E-07
151	-0.16739943E-07	0.57588412E-07
152	-0.11443674E-07	0.48100301E-07
153	-0.71432367E-08	0.37911576E-07
154	-0.38458099E-08	0.28189309E-07
155	-0.14669247E-08	0.19620551E-07
156	0.12770683E-09	0.12533985E-07
157	0.10920068E-08	0.70114554E-08
158	0.15792974E-08	0.29679073E-08
159	0.17285066E-08	0.21190522E-09
160	0.16566325E-08	-0.14954716E-08
161	0.14561847E-08	-0.23996720E-08
162	0.11959279E-08	-0.27269806E-08
163	0.92357838E-09	-0.26705957E-08
164	0.66944578E-09	-0.23850983E-08
165	0.45032381E-09	-0.19866482E-08
166	0.27316160E-09	-0.15568344E-08
167	0.13824696E-09	-0.11483198E-08
168	0.41791397E-10	-0.79099277E-09
169	-0.22091154E-10	-0.49785226E-09
170	-0.59981402E-10	-0.27078195E-09
171	-0.78294461E-10	-0.10511905E-09
172	-0.82773254E-10	0.75024839E-11
173	-0.78230755E-10	0.77020244E-10
174	-0.68471319E-10	0.11347455E-09
175	-0.56330673E-10	0.12608406E-09
176	-0.43786717E-10	0.12272733E-09
177	-0.32106602E-10	0.10972868E-09
178	-0.22002750E-10	0.91876950E-10
179	-0.13779307E-10	0.72582405E-10
180	-0.74592997E-11	0.54096949E-10
181	-0.28884915E-11	0.37754255E-10

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.18447346E-12	0.24199238E-10
183	0.20500630E-11	0.13605431E-10
184	0.29994310E-11	0.58277667E-11
185	0.32976764E-11	0.51190156E-12
186	0.31688558E-11	-0.27926305E-11
187	0.27906332E-11	-0.45526738E-11
188	0.22953766E-11	-0.52010514E-11
189	0.17751208E-11	-0.51084896E-11
190	0.12884772E-11	-0.45719704E-11
191	0.86807720E-12	-0.38149375E-11
192	0.52759923E-12	-0.29946202E-11
193	0.26787245E-12	-0.22127241E-11
194	0.81843603E-13	-0.15271515E-11
195	-0.41612438E-13	-0.96321659E-12
196	-0.11499735E-12	-0.52521084E-12
197	-0.15058254E-12	-0.20504295E-12
198	-0.15941343E-12	0.12900230E-13
199	-0.15077870E-12	0.14755737E-12
200	-0.13203308E-12	0.21828047E-12
201	-0.10865913E-12	0.24290769E-12
202	-0.84480857E-13	0.23665575E-12
203	-0.61950465E-13	0.21172917E-12
204	-0.42449212E-13	0.17737694E-12
205	-0.26569557E-13	0.14019025E-12
206	-0.14360471E-13	0.10452421E-12
207	-0.55280038E-14	0.72959501E-13
208	0.40988636E-15	0.46748517E-13
209	0.40119372E-14	0.26244664E-13
210	0.58403798E-14	0.11187627E-13
211	0.64084768E-14	0.90101552E-15
212	0.61505972E-14	-0.54851647E-14
213	0.54112408E-14	-0.88774313E-14
214	0.44468510E-14	-0.10117497E-13
215	0.34354960E-14	-0.99249281E-14
216	0.24904420E-14	-0.88750554E-14
217	0.16746444E-14	-0.74003964E-14
218	0.10143893E-14	-0.58049400E-14
219	0.51114235E-15	-0.42849055E-14
220	0.15118556E-15	-0.29515503E-14
221	-0.87045566E-16	-0.18545299E-14
222	-0.22792603E-15	-0.10036778E-14
223	-0.29547365E-15	-0.38360118E-15
224	-0.31130594E-15	0.36685106E-16
225	-0.29353540E-15	0.29500818E-15
226	-0.25642967E-15	0.42957077E-15
227	-0.21058753E-15	0.47514461E-15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.16338219E-15	0.46127530E-15
229	-0.11952551E-15	0.41161508E-15
230	-0.81655855E-16	0.34405425E-15
231	-0.50887006E-16	0.27132278E-15
232	-0.27284073E-16	0.20180805E-15
233	-0.10253900E-16	0.14043825E-15
234	0.11547444E-17	0.89603466E-16
235	0.80405984E-17	0.49982815E-16
236	0.11506380E-16	0.21014338E-16
237	0.12551598E-16	0.12898200E-17
238	0.12013933E-16	-0.10947030E-16
239	0.10552604E-16	-0.17471530E-16
240	0.86568099E-17	-0.19880540E-16
241	0.66682838E-17	-0.19535920E-16
242	0.48038572E-17	-0.17564376E-16
243	0.31814934E-17	-0.14810290E-16
244	0.18488409E-17	-0.11844945E-16
245	0.80773256E-18	-0.90227488E-17
246	0.33373633E-19	-0.65280788E-17
247	-0.51115471E-18	-0.44315552E-17
248	-0.86727411E-18	-0.27651324E-17
249	-0.10776658E-17	-0.15032481E-17
250	-0.11792647E-17	-0.58159338E-18
251	-0.12031438E-17	0.65283401E-19
252	-0.11725220E-17	0.52274020E-18
253	-0.11026558E-17	0.85839319E-18
254	-0.10038698E-17	0.11032540E-17
255	-0.88459356E-18	0.12704585E-17
256	-0.75190020E-18	0.13739997E-17
257	-0.61142260E-18	0.14286729E-17
258	-0.46727598E-18	0.14500349E-17
259	-0.32198287E-18	0.14543795E-17

STEP DI CARICO NO. 10

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046264E-03	-0.18631337E-03
2	0.60183223E-03	-0.18628588E-03
3	0.58320886E-03	-0.18615685E-03
4	0.56460703E-03	-0.18584159E-03
5	0.54604950E-03	-0.18525735E-03
6	0.52756787E-03	-0.18430383E-03
7	0.50920504E-03	-0.18286120E-03
8	0.49101643E-03	-0.18079525E-03
9	0.47307144E-03	-0.17796551E-03
10	0.45545364E-03	-0.17422665E-03
11	0.43826280E-03	-0.16938699E-03
12	0.42162178E-03	-0.16318102E-03
13	0.40568260E-03	-0.15529478E-03
14	0.39062978E-03	-0.14540019E-03
15	0.37667947E-03	-0.13319841E-03
16	0.36407416E-03	-0.11847413E-03
17	0.35307300E-03	-0.10109905E-03
18	0.34394642E-03	-0.80961814E-04
19	0.33697733E-03	-0.57923884E-04
20	0.33246391E-03	-0.31818054E-04
21	0.33072251E-03	-0.24485935E-05
22	0.33209039E-03	0.30406543E-04
23	0.33692812E-03	0.66990637E-04
24	0.34562158E-03	0.10756649E-03
25	0.35858378E-03	0.15241347E-03
26	0.37625607E-03	0.20181427E-03
27	0.39910740E-03	0.25603763E-03
28	0.42763213E-03	0.31531681E-03
29	0.46234485E-03	0.37981817E-03
30	0.50377188E-03	0.44960345E-03
31	0.55244163E-03	0.52467274E-03
32	0.60860789E-03	0.59678569E-03
33	0.67142554E-03	0.65770186E-03
34	0.73977595E-03	0.70744939E-03
35	0.81254693E-03	0.74614072E-03
36	0.88864315E-03	0.77400310E-03
37	0.96699799E-03	0.79138018E-03
38	0.10465850E-02	0.79873257E-03
39	0.11264296E-02	0.79663889E-03
40	0.12056212E-02	0.78579644E-03
41	0.12833246E-02	0.76702179E-03
42	0.13587924E-02	0.74125180E-03
43	0.14313770E-02	0.70954405E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15005425E-02	0.67307713E-03
45	0.15658771E-02	0.63315051E-03
46	0.16271047E-02	0.59118436E-03
47	0.16840973E-02	0.54871821E-03
48	0.17368870E-02	0.50741463E-03
49	0.17856787E-02	0.46906539E-03
50	0.18308626E-02	0.43559176E-03
51	0.18730278E-02	0.40904048E-03
52	0.19129737E-02	0.39157836E-03
53	0.19517224E-02	0.38548448E-03
54	0.19905290E-02	0.39314001E-03
55	0.20308911E-02	0.41701499E-03
56	0.20745574E-02	0.45965222E-03
57	0.21226243E-02	0.49637357E-03
58	0.21728156E-02	0.50260173E-03
59	0.22222227E-02	0.48116953E-03
60	0.22682257E-02	0.43502313E-03
61	0.23085054E-02	0.36722212E-03
62	0.23410541E-02	0.28093948E-03
63	0.23641868E-02	0.17946151E-03
64	0.23765531E-02	0.66188019E-04
65	0.23771483E-02	-0.55367891E-04
66	0.23653244E-02	-0.18157967E-03
67	0.23408020E-02	-0.30870741E-03
68	0.23036809E-02	-0.43289780E-03
69	0.22544526E-02	-0.55018417E-03
70	0.21940102E-02	-0.65648631E-03
71	0.21236611E-02	-0.74761093E-03
72	0.20450647E-02	-0.82143280E-03
73	0.19599514E-02	-0.87795191E-03
74	0.18700511E-02	-0.91716833E-03
75	0.17770944E-02	-0.93908206E-03
76	0.16828114E-02	-0.94369310E-03
77	0.15889326E-02	-0.93100138E-03
78	0.14971879E-02	-0.90100698E-03
79	0.14093079E-02	-0.85370988E-03
80	0.13270227E-02	-0.78911002E-03
81	0.12520626E-02	-0.70720748E-03
82	0.11857481E-02	-0.62029599E-03
83	0.11277624E-02	-0.54061809E-03
84	0.10773881E-02	-0.46803444E-03
85	0.10339260E-02	-0.40233371E-03
86	0.99670130E-03	-0.34323626E-03
87	0.96507079E-03	-0.29037835E-03
88	0.93843485E-03	-0.24324303E-03
89	0.91625517E-03	-0.20111710E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.89807401E-03	-0.16311288E-03
91	0.88352920E-03	-0.12821192E-03
92	0.87236596E-03	-0.95280571E-04
93	0.86444872E-03	-0.63079635E-04
94	0.85976737E-03	-0.30359113E-04
95	0.85843034E-03	0.39644137E-05
96	0.86063601E-03	0.40560870E-04
97	0.86662482E-03	0.79626283E-04
98	0.87664358E-03	0.12116065E-03
99	0.89093921E-03	0.16516398E-03
100	0.90975867E-03	0.21163624E-03
101	0.93334878E-03	0.26057748E-03
102	0.96195645E-03	0.31198768E-03
103	0.99582865E-03	0.36586681E-03
104	0.10352121E-02	0.42221491E-03
105	0.10803539E-02	0.48103198E-03
106	0.11315008E-02	0.54231798E-03
107	0.11886086E-02	0.59733575E-03
108	0.12504677E-02	0.63734804E-03
109	0.13155780E-02	0.66235487E-03
110	0.13824386E-02	0.67235623E-03
111	0.14495506E-02	0.66739984E-03
112	0.15154255E-02	0.64765115E-03
113	0.15785979E-02	0.61341556E-03
114	0.16376405E-02	0.56513841E-03
115	0.16911771E-02	0.50340500E-03
116	0.17378972E-02	0.42894064E-03
117	0.17765698E-02	0.34261047E-03
118	0.18060572E-02	0.24541971E-03
119	0.18253298E-02	0.13851348E-03
120	0.18334789E-02	0.23176910E-04
121	0.18297316E-02	-0.99164987E-04
122	0.18134646E-02	-0.22694719E-03
123	0.17842177E-02	-0.35846475E-03
124	0.17417086E-02	-0.49187272E-03
125	0.16858464E-02	-0.62518625E-03
126	0.16167454E-02	-0.75628044E-03
127	0.15347397E-02	-0.88289060E-03
128	0.14403969E-02	-0.10026119E-02
129	0.13345318E-02	-0.11128997E-02
130	0.12182208E-02	-0.12110693E-02
131	0.10928160E-02	-0.12942961E-02
132	0.95995853E-03	-0.13596155E-02
133	0.82159328E-03	-0.14039229E-02
134	0.68011036E-03	-0.14201375E-02
135	0.53910346E-03	-0.13902220E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.40467418E-03	-0.12820609E-02
137	0.28510133E-03	-0.11015986E-02
138	0.18531470E-03	-0.89232886E-03
139	0.10661000E-03	-0.68382570E-03
140	0.47918085E-04	-0.49426680E-03
141	0.68105146E-05	-0.33309177E-03
142	-0.19750607E-04	-0.20342696E-03
143	-0.34897828E-04	-0.10445067E-03
144	-0.41563246E-04	-0.33149525E-04
145	-0.42309694E-04	0.14692791E-04
146	-0.39252474E-04	0.43701511E-04
147	-0.34047247E-04	0.58374542E-04
148	-0.27920678E-04	0.62754218E-04
149	-0.21725602E-04	0.60257975E-04
150	-0.16007016E-04	0.53623775E-04
151	-0.11069413E-04	0.44932567E-04
152	-0.70393312E-05	0.35676476E-04
153	-0.39199549E-05	0.26845280E-04
154	-0.16365947E-05	0.19024503E-04
155	-0.71934210E-07	0.12497324E-04
156	0.90833686E-06	0.73341453E-05
157	0.14381958E-05	0.34699933E-05
158	0.16407052E-05	0.75693333E-06
159	0.16214816E-05	-0.99915042E-06
160	0.14659186E-05	-0.20039342E-05
161	0.12392495E-05	-0.24520768E-05
162	0.98837256E-06	-0.25141389E-05
163	0.74460934E-06	-0.23305729E-05
164	0.52680338E-06	-0.20106445E-05
165	0.34435377E-06	-0.16345173E-05
166	0.19994683E-06	-0.12569828E-05
167	0.91871968E-07	-0.91200536E-06
168	0.15862843E-07	-0.61751541E-06
169	-0.33523811E-07	-0.37980635E-06
170	-0.61954545E-07	-0.19778075E-06
171	-0.74760571E-07	-0.66173413E-07
172	-0.76618520E-07	0.22555055E-07
173	-0.71400585E-07	0.76752784E-07
174	-0.62146896E-07	0.10458263E-06
175	-0.51117492E-07	0.11340941E-06
176	-0.39890239E-07	0.10947934E-06
177	-0.29479557E-07	0.97811288E-07
178	-0.20458398E-07	0.82230805E-07
179	-0.13072047E-07	0.65490831E-07
180	-0.73376363E-08	0.49428692E-07
181	-0.31270755E-08	0.35143529E-07

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.23155028E-09	0.23179776E-07
183	0.15913201E-08	0.13689234E-07
184	0.25852724E-08	0.65679724E-08
185	0.29751126E-08	0.15526550E-08
186	0.29543155E-08	-0.17072992E-08
187	0.26797033E-08	-0.35857368E-08
188	0.22713782E-08	-0.44378772E-08
189	0.18159325E-08	-0.45758792E-08
190	0.13714169E-08	-0.42574424E-08
191	0.97296027E-09	-0.36835215E-08
192	0.63830180E-09	-0.30019247E-08
193	0.37278436E-09	-0.23140549E-08
194	0.17359106E-09	-0.16831775E-08
195	0.33122234E-10	-0.11430992E-08
196	-0.58467044E-10	-0.70616890E-09
197	-0.11150057E-09	-0.37090939E-09
198	-0.13572547E-09	-0.12794667E-09
199	-0.13971199E-09	0.36353424E-10
200	-0.13057055E-09	0.13718063E-09
201	-0.11389479E-09	0.18944020E-09
202	-0.93852058E-10	0.20661357E-09
203	-0.73359735E-10	0.20015715E-09
204	-0.54300918E-10	0.17929193E-09
205	-0.37746979E-10	0.15105776E-09
206	-0.24165796E-10	0.12053061E-09
207	-0.13603733E-10	0.91117142E-10
208	-0.58365400E-11	0.64878526E-10
209	-0.48751698E-12	0.42855230E-10
210	0.28854688E-11	0.25360819E-10
211	0.47298476E-11	0.12222436E-10
212	0.54591509E-11	0.29598986E-11
213	0.54296082E-11	-0.30692163E-11
214	0.49302042E-11	-0.65514352E-11
215	0.41824456E-11	-0.81399228E-11
216	0.33461931E-11	-0.84092056E-11
217	0.25287563E-11	-0.78339349E-11
218	0.17952114E-11	-0.67845022E-11
219	0.11785744E-11	-0.55335090E-11
220	0.68898202E-12	-0.42683452E-11
221	0.32146510E-12	-0.31063884E-11
222	0.62161661E-13	-0.21107116E-11
223	-0.10700132E-12	-0.13047577E-11
224	-0.20503509E-12	-0.68615995E-12
225	-0.24990483E-12	-0.23770813E-12
226	-0.25741193E-12	0.65687283E-13
227	-0.24067001E-12	0.25200347E-12

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.20999829E-12	0.34870766E-12
229	-0.17308714E-12	0.38065205E-12
230	-0.13532238E-12	0.36896167E-12
231	-0.10018242E-12	0.33064336E-12
232	-0.69648423E-13	0.27868357E-12
233	-0.44588251E-13	0.22244714E-12
234	-0.25091928E-13	0.16822271E-12
235	-0.10749682E-13	0.11981918E-12
236	-0.86989521E-15	0.79161565E-13
237	0.53605302E-14	0.46840902E-13
238	0.87661396E-14	0.22555876E-13
239	0.10110391E-13	0.54314239E-14
240	0.10051713E-13	-0.57143862E-14
241	0.91245184E-14	-0.12150069E-13
242	0.77384083E-14	-0.15084452E-13
243	0.61889009E-14	-0.15580648E-13
244	0.46742853E-14	-0.14516657E-13
245	0.33147480E-14	-0.12577306E-13
246	0.21712144E-14	-0.10266241E-13
247	0.12623667E-14	-0.79291703E-14
248	0.57905136E-15	-0.57819693E-14
249	0.95809736E-16	-0.39396608E-14
250	-0.22044868E-15	-0.24443882E-14
251	-0.40449045E-15	-0.12917910E-14
252	-0.48915803E-15	-0.44972823E-15
253	-0.50317458E-15	0.13017891E-15
254	-0.47004214E-15	0.50248869E-15
255	-0.40781153E-15	0.72075865E-15
256	-0.32941540E-15	0.83327925E-15
257	-0.24332798E-15	0.88063056E-15
258	-0.15441108E-15	0.89432851E-15
259	-0.64859536E-16	0.89610887E-15

STEP DI CARICO NO. 11

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046264E-03	-0.18631337E-03
2	0.60183223E-03	-0.18628588E-03
3	0.58320886E-03	-0.18615685E-03
4	0.56460703E-03	-0.18584159E-03
5	0.54604950E-03	-0.18525735E-03
6	0.52756787E-03	-0.18430383E-03
7	0.50920504E-03	-0.18286120E-03
8	0.49101643E-03	-0.18079525E-03
9	0.47307144E-03	-0.17796551E-03
10	0.45545364E-03	-0.17422665E-03
11	0.43826280E-03	-0.16938699E-03
12	0.42162178E-03	-0.16318102E-03
13	0.40568260E-03	-0.15529478E-03
14	0.39062978E-03	-0.14540019E-03
15	0.37667947E-03	-0.13319841E-03
16	0.36407416E-03	-0.11847413E-03
17	0.35307300E-03	-0.10109905E-03
18	0.34394642E-03	-0.80961814E-04
19	0.33697733E-03	-0.57923884E-04
20	0.33246391E-03	-0.31818054E-04
21	0.33072251E-03	-0.24485935E-05
22	0.33209039E-03	0.30406543E-04
23	0.33692812E-03	0.66990637E-04
24	0.34562158E-03	0.10756649E-03
25	0.35858378E-03	0.15241347E-03
26	0.37625607E-03	0.20181427E-03
27	0.39910740E-03	0.25603763E-03
28	0.42763213E-03	0.31531681E-03
29	0.46234485E-03	0.37981817E-03
30	0.50377188E-03	0.44960345E-03
31	0.55244163E-03	0.52467274E-03
32	0.60860789E-03	0.59678569E-03
33	0.67142554E-03	0.65770186E-03
34	0.73977595E-03	0.70744939E-03
35	0.81254693E-03	0.74614072E-03
36	0.88864315E-03	0.77400310E-03
37	0.96699799E-03	0.79138018E-03
38	0.10465850E-02	0.79873257E-03
39	0.11264296E-02	0.79663889E-03
40	0.12056212E-02	0.78579644E-03
41	0.12833246E-02	0.76702179E-03
42	0.13587924E-02	0.74125180E-03
43	0.14313770E-02	0.70954405E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15005425E-02	0.67307713E-03
45	0.15658771E-02	0.63315051E-03
46	0.16271047E-02	0.59118436E-03
47	0.16840973E-02	0.54871821E-03
48	0.17368870E-02	0.50741463E-03
49	0.17856787E-02	0.46906539E-03
50	0.18308626E-02	0.43559176E-03
51	0.18730278E-02	0.40904048E-03
52	0.19129737E-02	0.39157836E-03
53	0.19517224E-02	0.38548448E-03
54	0.19905290E-02	0.39314001E-03
55	0.20308911E-02	0.41701499E-03
56	0.20745574E-02	0.45965222E-03
57	0.21226243E-02	0.49637357E-03
58	0.21728156E-02	0.50260173E-03
59	0.22222227E-02	0.48116953E-03
60	0.22682257E-02	0.43502313E-03
61	0.23085054E-02	0.36722212E-03
62	0.23410541E-02	0.28093948E-03
63	0.23641868E-02	0.17946151E-03
64	0.23765531E-02	0.66188019E-04
65	0.23771483E-02	-0.55367891E-04
66	0.23653244E-02	-0.18157967E-03
67	0.23408020E-02	-0.30870741E-03
68	0.23036809E-02	-0.43289780E-03
69	0.22544526E-02	-0.55018417E-03
70	0.21940102E-02	-0.65648631E-03
71	0.21236611E-02	-0.74761093E-03
72	0.20450647E-02	-0.82143280E-03
73	0.19599514E-02	-0.87795191E-03
74	0.18700511E-02	-0.91716833E-03
75	0.17770944E-02	-0.93908206E-03
76	0.16828114E-02	-0.94369310E-03
77	0.15889326E-02	-0.93100138E-03
78	0.14971879E-02	-0.90100698E-03
79	0.14093079E-02	-0.85370988E-03
80	0.13270227E-02	-0.78911002E-03
81	0.12520626E-02	-0.70720748E-03
82	0.11857481E-02	-0.62029599E-03
83	0.11277624E-02	-0.54061809E-03
84	0.10773881E-02	-0.46803444E-03
85	0.10339260E-02	-0.40233371E-03
86	0.99670130E-03	-0.34323626E-03
87	0.96507079E-03	-0.29037835E-03
88	0.93843485E-03	-0.24324303E-03
89	0.91625517E-03	-0.20111710E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.89807401E-03	-0.16311288E-03
91	0.88352920E-03	-0.12821192E-03
92	0.87236596E-03	-0.95280571E-04
93	0.86444872E-03	-0.63079635E-04
94	0.85976737E-03	-0.30359113E-04
95	0.85843034E-03	0.39644137E-05
96	0.86063601E-03	0.40560870E-04
97	0.86662482E-03	0.79626283E-04
98	0.87664358E-03	0.12116065E-03
99	0.89093921E-03	0.16516398E-03
100	0.90975867E-03	0.21163624E-03
101	0.93334878E-03	0.26057748E-03
102	0.96195645E-03	0.31198768E-03
103	0.99582865E-03	0.36586681E-03
104	0.10352121E-02	0.42221491E-03
105	0.10803539E-02	0.48103198E-03
106	0.11315008E-02	0.54231798E-03
107	0.11886086E-02	0.59733575E-03
108	0.12504677E-02	0.63734804E-03
109	0.13155780E-02	0.66235487E-03
110	0.13824386E-02	0.67235623E-03
111	0.14495506E-02	0.66739984E-03
112	0.15154255E-02	0.64765115E-03
113	0.15785979E-02	0.61341556E-03
114	0.16376405E-02	0.56513841E-03
115	0.16911771E-02	0.50340500E-03
116	0.17378972E-02	0.42894064E-03
117	0.17765696E-02	0.34261047E-03
118	0.18060572E-02	0.24541971E-03
119	0.18253297E-02	0.13851350E-03
120	0.18334789E-02	0.23176915E-04
121	0.18297316E-02	-0.99164972E-04
122	0.18134646E-02	-0.22694717E-03
123	0.17842177E-02	-0.35846472E-03
124	0.17417086E-02	-0.49187266E-03
125	0.16858464E-02	-0.62518619E-03
126	0.16167454E-02	-0.75628038E-03
127	0.15347397E-02	-0.88289054E-03
128	0.14403969E-02	-0.10026118E-02
129	0.13345318E-02	-0.11128996E-02
130	0.12182209E-02	-0.12110692E-02
131	0.10928160E-02	-0.12942960E-02
132	0.95995859E-03	-0.13596154E-02
133	0.82159339E-03	-0.14039228E-02
134	0.68011048E-03	-0.14201374E-02
135	0.53910358E-03	-0.13902219E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.40467427E-03	-0.12820609E-02
137	0.28510144E-03	-0.11015986E-02
138	0.18531480E-03	-0.89232903E-03
139	0.10661008E-03	-0.68382587E-03
140	0.47918151E-04	-0.49426698E-03
141	0.68105651E-05	-0.33309191E-03
142	-0.19750572E-04	-0.20342709E-03
143	-0.34897803E-04	-0.10445078E-03
144	-0.41563235E-04	-0.33149612E-04
145	-0.42309686E-04	0.14692730E-04
146	-0.39252474E-04	0.43701468E-04
147	-0.34047251E-04	0.58374517E-04
148	-0.27920683E-04	0.62754203E-04
149	-0.21725606E-04	0.60257971E-04
150	-0.16007021E-04	0.53623779E-04
151	-0.11069417E-04	0.44932574E-04
152	-0.70393348E-05	0.35676483E-04
153	-0.39199576E-05	0.26845288E-04
154	-0.16365969E-05	0.19024510E-04
155	-0.71935773E-07	0.12497330E-04
156	0.90833589E-06	0.73341507E-05
157	0.14381952E-05	0.34699974E-05
158	0.16407051E-05	0.75693623E-06
159	0.16214817E-05	-0.99914837E-06
160	0.14659188E-05	-0.20039329E-05
161	0.12392499E-05	-0.24520762E-05
162	0.98837290E-06	-0.25141385E-05
163	0.74460974E-06	-0.23305729E-05
164	0.52680372E-06	-0.20106447E-05
165	0.34435408E-06	-0.16345177E-05
166	0.19994710E-06	-0.12569834E-05
167	0.91872174E-07	-0.91200593E-06
168	0.15862991E-07	-0.61751592E-06
169	-0.33523712E-07	-0.37980678E-06
170	-0.61954481E-07	-0.19778109E-06
171	-0.74760536E-07	-0.66173669E-07
172	-0.76618512E-07	0.22554879E-07
173	-0.71400585E-07	0.76752670E-07
174	-0.62146903E-07	0.10458258E-06
175	-0.51117510E-07	0.11340938E-06
176	-0.39890256E-07	0.10947934E-06
177	-0.29479574E-07	0.97811302E-07
178	-0.20458412E-07	0.82230827E-07
179	-0.13072058E-07	0.65490859E-07
180	-0.73376456E-08	0.49428717E-07
181	-0.31270821E-08	0.35143554E-07

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.23155479E-09	0.23179796E-07
183	0.15913173E-08	0.13689250E-07
184	0.25852711E-08	0.65679839E-08
185	0.29751124E-08	0.15526631E-08
186	0.29543159E-08	-0.17072939E-08
187	0.26797040E-08	-0.35857337E-08
188	0.22713791E-08	-0.44378758E-08
189	0.18159335E-08	-0.45758792E-08
190	0.13714179E-08	-0.42574428E-08
191	0.97296116E-09	-0.36835226E-08
192	0.63830258E-09	-0.30019263E-08
193	0.37278500E-09	-0.23140565E-08
194	0.17359153E-09	-0.16831789E-08
195	0.33122560E-10	-0.11431005E-08
196	-0.58466836E-10	-0.70616996E-09
197	-0.11150045E-09	-0.37091019E-09
198	-0.13572543E-09	-0.12794726E-09
199	-0.13971199E-09	0.36353000E-10
200	-0.13057060E-09	0.13718035E-09
201	-0.11389485E-09	0.18944003E-09
202	-0.93852127E-10	0.20661349E-09
203	-0.73359811E-10	0.20015714E-09
204	-0.54300998E-10	0.17929197E-09
205	-0.37747052E-10	0.15105785E-09
206	-0.24165860E-10	0.12053072E-09
207	-0.13603785E-10	0.91117267E-10
208	-0.58365795E-11	0.64878644E-10
209	-0.48754533E-12	0.42855334E-10
210	0.28854501E-11	0.25360904E-10
211	0.47298363E-11	0.12222503E-10
212	0.54591453E-11	0.29599476E-11
213	0.54296069E-11	-0.30691829E-11
214	0.49302055E-11	-0.65514144E-11
215	0.41824482E-11	-0.81399115E-11
216	0.33461968E-11	-0.84092013E-11
217	0.25287600E-11	-0.78339358E-11
218	0.17952151E-11	-0.67845061E-11
219	0.11785775E-11	-0.55335146E-11
220	0.68898457E-12	-0.42683513E-11
221	0.32146706E-12	-0.31063943E-11
222	0.62163057E-13	-0.21107168E-11
223	-0.10700039E-12	-0.13047619E-11
224	-0.20503453E-12	-0.68616320E-12
225	-0.24990456E-12	-0.23771051E-12
226	-0.25741185E-12	0.65685657E-13
227	-0.24067009E-12	0.25200241E-12

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.20999843E-12	0.34870707E-12
229	-0.17308733E-12	0.38065178E-12
230	-0.13532257E-12	0.36896167E-12
231	-0.10018260E-12	0.33064355E-12
232	-0.69648578E-13	0.27868392E-12
233	-0.44588370E-13	0.22244758E-12
234	-0.25091999E-13	0.16822316E-12
235	-0.10749710E-13	0.11981957E-12
236	-0.86988965E-15	0.79161863E-13
237	0.53605602E-14	0.46841085E-13
238	0.87661820E-14	0.22555944E-13
239	0.10110435E-13	0.54313904E-14
240	0.10051749E-13	-0.57144921E-14
241	0.91245413E-14	-0.12150231E-13
242	0.77384125E-14	-0.15084671E-13
243	0.61888805E-14	-0.15580919E-13
244	0.46742361E-14	-0.14516955E-13
245	0.33146688E-14	-0.12577604E-13
246	0.21711068E-14	-0.10266509E-13
247	0.12622349E-14	-0.79293787E-14
248	0.57890281E-15	-0.57820930E-14
249	0.95653829E-16	-0.39396828E-14
250	-0.22060137E-15	-0.24443020E-14
251	-0.40462915E-15	-0.12915988E-14
252	-0.48927259E-15	-0.44943944E-15
253	-0.50325605E-15	0.13054964E-15
254	-0.47008312E-15	0.50292470E-15
255	-0.40780632E-15	0.72124342E-15
256	-0.32935995E-15	0.83379753E-15
257	-0.24321958E-15	0.88116890E-15
258	-0.15424830E-15	0.89487570E-15
259	-0.64641915E-16	0.89665807E-15

STEP DI CARICO NO. 12

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046264E-03	-0.18631337E-03
2	0.60183223E-03	-0.18628586E-03
3	0.58320886E-03	-0.18615683E-03
4	0.56460703E-03	-0.18584159E-03
5	0.54604950E-03	-0.18525733E-03
6	0.52756787E-03	-0.18430383E-03
7	0.50920504E-03	-0.18286119E-03
8	0.49101643E-03	-0.18079524E-03
9	0.47307144E-03	-0.17796550E-03
10	0.45545364E-03	-0.17422662E-03
11	0.43826282E-03	-0.16938694E-03
12	0.42162178E-03	-0.16318097E-03
13	0.40568263E-03	-0.15529474E-03
14	0.39062978E-03	-0.14540013E-03
15	0.37667950E-03	-0.13319834E-03
16	0.36407422E-03	-0.11847405E-03
17	0.35307306E-03	-0.10109895E-03
18	0.34394648E-03	-0.80961720E-04
19	0.33697739E-03	-0.57923782E-04
20	0.33246400E-03	-0.31817959E-04
21	0.33072260E-03	-0.24485082E-05
22	0.33209048E-03	0.30406611E-04
23	0.33692823E-03	0.66990673E-04
24	0.34562167E-03	0.10756648E-03
25	0.35858390E-03	0.15241340E-03
26	0.37625615E-03	0.20181414E-03
27	0.39910746E-03	0.25603740E-03
28	0.42763216E-03	0.31531646E-03
29	0.46234482E-03	0.37981768E-03
30	0.50377182E-03	0.44960278E-03
31	0.55244152E-03	0.52467192E-03
32	0.60860766E-03	0.59678458E-03
33	0.67142519E-03	0.65770058E-03
34	0.73977548E-03	0.70744788E-03
35	0.81254623E-03	0.74613903E-03
36	0.88864233E-03	0.77400124E-03
37	0.96699700E-03	0.79137814E-03
38	0.10465838E-02	0.79873047E-03
39	0.11264283E-02	0.79663680E-03
40	0.12056195E-02	0.78579440E-03
41	0.12833227E-02	0.76702004E-03
42	0.13587903E-02	0.74125058E-03
43	0.14313749E-02	0.70954359E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15005404E-02	0.67307771E-03
45	0.15658751E-02	0.63315249E-03
46	0.16271030E-02	0.59118820E-03
47	0.16840962E-02	0.54872426E-03
48	0.17368866E-02	0.50742342E-03
49	0.17856793E-02	0.46907747E-03
50	0.18308647E-02	0.43560757E-03
51	0.18730316E-02	0.40906051E-03
52	0.19129798E-02	0.39160304E-03
53	0.19517312E-02	0.38551405E-03
54	0.19905409E-02	0.39317456E-03
55	0.20309067E-02	0.41705440E-03
56	0.20745771E-02	0.45969593E-03
57	0.21226488E-02	0.49642054E-03
58	0.21728447E-02	0.50265051E-03
59	0.22222567E-02	0.48121865E-03
60	0.22682645E-02	0.43507112E-03
61	0.23085491E-02	0.36726752E-03
62	0.23411021E-02	0.28098081E-03
63	0.23642387E-02	0.17949738E-03
64	0.23766083E-02	0.66216955E-04
65	0.23772060E-02	-0.55347282E-04
66	0.23653836E-02	-0.18156879E-03
67	0.23408616E-02	-0.30870762E-03
68	0.23037400E-02	-0.43291040E-03
69	0.22545096E-02	-0.55021042E-03
70	0.21940640E-02	-0.65652747E-03
71	0.21237100E-02	-0.74766809E-03
72	0.20451071E-02	-0.82150701E-03
73	0.19599854E-02	-0.87804382E-03
74	0.18700750E-02	-0.91727835E-03
75	0.17771064E-02	-0.93921006E-03
76	0.16828098E-02	-0.94383850E-03
77	0.15889155E-02	-0.93116256E-03
78	0.14971541E-02	-0.90117991E-03
79	0.14092566E-02	-0.85388689E-03
80	0.13269540E-02	-0.78927813E-03
81	0.12519783E-02	-0.70734718E-03
82	0.11856525E-02	-0.62037824E-03
83	0.11276628E-02	-0.54060353E-03
84	0.10772969E-02	-0.46787452E-03
85	0.10338605E-02	-0.40197076E-03
86	0.99668477E-03	-0.34260526E-03
87	0.96513372E-03	-0.28941041E-03
88	0.93861419E-03	-0.24187144E-03
89	0.91659429E-03	-0.19928660E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.89862052E-03	-0.16079277E-03
91	0.88433194E-03	-0.12541337E-03
92	0.87346969E-03	-0.92078575E-04
93	0.86588634E-03	-0.59639377E-04
94	0.86154963E-03	-0.26965990E-04
95	0.86053199E-03	0.68726958E-05
96	0.86297921E-03	0.42362881E-04
97	0.86906384E-03	0.79629746E-04
98	0.87896665E-03	0.11874099E-03
99	0.89287665E-03	0.15979212E-03
100	0.91099483E-03	0.20293667E-03
101	0.93354197E-03	0.24841988E-03
102	0.96076867E-03	0.29659818E-03
103	0.99296751E-03	0.34795477E-03
104	0.10304861E-02	0.40310470E-03
105	0.10737394E-02	0.46278315E-03
106	0.11232222E-02	0.52784476E-03
107	0.11792349E-02	0.59070159E-03
108	0.12410411E-02	0.64391701E-03
109	0.13077378E-02	0.68871753E-03
110	0.13785425E-02	0.72625437E-03
111	0.14527772E-02	0.75744523E-03
112	0.15298357E-02	0.78276277E-03
113	0.16091432E-02	0.80248510E-03
114	0.16901611E-02	0.81705756E-03
115	0.17724026E-02	0.82706544E-03
116	0.18554461E-02	0.83323405E-03
117	0.19389502E-02	0.83642860E-03
118	0.20226664E-02	0.83765428E-03
119	0.21064535E-02	0.83805615E-03
120	0.21902928E-02	0.83891943E-03
121	0.22743004E-02	0.84166904E-03
122	0.23587418E-02	0.84787002E-03
123	0.24440463E-02	0.85922738E-03
124	0.25308207E-02	0.87758602E-03
125	0.26198630E-02	0.90493081E-03
126	0.27121771E-02	0.94338664E-03
127	0.28089862E-02	0.99521817E-03
128	0.29117467E-02	0.10628302E-02
129	0.30221632E-02	0.11487675E-02
130	0.31422006E-02	0.12557148E-02
131	0.32741006E-02	0.13864966E-02
132	0.34189702E-02	0.15013872E-02
133	0.35725287E-02	0.15608011E-02
134	0.37293893E-02	0.15679827E-02
135	0.38844971E-02	0.15263165E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.40331418E-02	0.14393269E-02
137	0.41709738E-02	0.13106782E-02
138	0.42940159E-02	0.11441748E-02
139	0.43986784E-02	0.94376097E-03
140	0.44817738E-02	0.71352092E-03
141	0.45405291E-02	0.45767883E-03
142	0.45726015E-02	0.18059887E-03
143	0.45760912E-02	-0.11321486E-03
144	0.45495555E-02	-0.41911830E-03
145	0.44920240E-02	-0.73232740E-03
146	0.44030109E-02	-0.10479182E-02
147	0.42825299E-02	-0.13608268E-02
148	0.41311081E-02	-0.16658494E-02
149	0.39498005E-02	-0.19576584E-02
150	0.37401991E-02	-0.22307928E-02
151	0.35044516E-02	-0.24796342E-02
152	0.32452743E-02	-0.26984124E-02
153	0.29659683E-02	-0.28812103E-02
154	0.26704336E-02	-0.30219671E-02
155	0.23631831E-02	-0.31144819E-02
156	0.20493567E-02	-0.31524138E-02
157	0.17347357E-02	-0.31292846E-02
158	0.14257557E-02	-0.30384779E-02
159	0.11295211E-02	-0.28732405E-02
160	0.85381832E-03	-0.26266810E-02
161	0.60746557E-03	-0.22817003E-02
162	0.39993759E-03	-0.18629400E-02
163	0.23516771E-03	-0.14354754E-02
164	0.11171337E-03	-0.10418845E-02
165	0.24896390E-04	-0.70512603E-03
166	-0.31484902E-04	-0.43355953E-03
167	-0.63954343E-04	-0.22615796E-03
168	-0.78651785E-04	-0.76815129E-04
169	-0.80961880E-04	0.23192473E-04
170	-0.75332398E-04	0.83626823E-04
171	-0.65237022E-04	0.11404607E-03
172	-0.53237149E-04	0.12304643E-03
173	-0.41100204E-04	0.11787272E-03
174	-0.29942785E-04	0.10429361E-03
175	-0.20376858E-04	0.86653206E-04
176	-0.12644959E-04	0.68028348E-04
177	-0.67367018E-05	0.50438066E-04
178	-0.24836759E-05	0.35057867E-04
179	0.36611877E-06	0.22415084E-04
180	0.20930065E-05	0.12582259E-04
181	0.29696803E-05	0.53627205E-05

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.32412115E-05	0.41300942E-06
183	0.31140578E-05	-0.26834266E-05
184	0.27520971E-05	-0.43527357E-05
185	0.22779709E-05	-0.49882387E-05
186	0.17776676E-05	-0.49271912E-05
187	0.13066872E-05	-0.44415083E-05
188	0.89662740E-06	-0.37379809E-05
189	0.56142858E-06	-0.29643265E-05
190	0.30284136E-06	-0.22182946E-05
191	0.11492448E-06	-0.15576178E-05
192	-0.12430771E-07	-0.10093981E-05
193	-0.90888456E-07	-0.57917782E-06
194	-0.13196198E-06	-0.25982669E-06
195	-0.14609151E-06	-0.37607027E-07
196	-0.14215412E-06	0.10449033E-06
197	-0.12727655E-06	0.18409476E-06
198	-0.10686903E-06	0.21768351E-06
199	-0.84796412E-07	0.21957531E-06
200	-0.63619851E-07	0.20149069E-06
201	-0.44861636E-07	0.17250510E-06
202	-0.29261088E-07	0.13925175E-06
203	-0.17002476E-07	0.10626274E-06
204	-0.79054479E-08	0.76366497E-07
205	-0.15763600E-08	0.51054716E-07
206	0.24748359E-08	0.30823166E-07
207	0.47528128E-08	0.15527812E-07
208	0.57280531E-08	0.46621089E-08
209	0.58094503E-08	-0.24771294E-08
210	0.53310503E-08	-0.66636803E-08
211	0.45502366E-08	-0.86445588E-08
212	0.36535766E-08	-0.90822985E-08
213	0.27668798E-08	-0.85269463E-08
214	0.19669417E-08	-0.74089659E-08
215	0.12932619E-08	-0.60457306E-08
216	0.75868506E-09	-0.46558095E-08
217	0.35840431E-09	-0.33767600E-08
218	0.77166135E-10	-0.22827173E-08
219	-0.10520817E-09	-0.14007452E-08
220	-0.20994441E-09	-0.72761847E-09
221	-0.25703129E-09	-0.24347416E-09
222	-0.26398617E-09	0.80262449E-10
223	-0.24526334E-09	0.27546260E-09
224	-0.21214000E-09	0.37327236E-09
225	-0.17292279E-09	0.40166445E-09
226	-0.13333611E-09	0.38418643E-09
227	-0.96990249E-10	0.33956590E-09

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.65858222E-10	0.28188654E-09
229	-0.40716333E-10	0.22110538E-09
230	-0.21523346E-10	0.16373820E-09
231	-0.77281983E-11	0.11358584E-09
232	0.14917969E-11	0.72372726E-10
233	0.70527646E-11	0.40352131E-10
234	0.98475351E-11	0.16890902E-10
235	0.10678441E-10	0.85454219E-12
236	0.10220037E-10	-0.91340321E-11
237	0.90065073E-11	-0.14476407E-10
238	0.74366546E-11	-0.16461802E-10
239	0.57892961E-11	-0.16192719E-10
240	0.42437013E-11	-0.14555922E-10
241	0.29012801E-11	-0.12224076E-10
242	0.18060870E-11	-0.96761982E-11
243	0.96272198E-12	-0.72278715E-11
244	0.35100744E-12	-0.50647004E-11
245	-0.62612669E-13	-0.32733673E-11
246	-0.31662758E-12	-0.18708817E-11
247	-0.44893277E-12	-0.83270858E-12
248	-0.49375104E-12	-0.11198665E-12
249	-0.47998931E-12	0.34895849E-12
250	-0.43063323E-12	0.60968673E-12
251	-0.36286948E-12	0.72588924E-12
252	-0.28865538E-12	0.74609101E-12
253	-0.21552329E-12	0.71013291E-12
254	-0.14747315E-12	0.64884437E-12
255	-0.85858925E-13	0.58442048E-12
256	-0.30218049E-13	0.53112695E-12
257	0.20973264E-13	0.49603751E-12
258	0.69610069E-13	0.47956658E-12
259	0.11730450E-12	0.47563310E-12

STEP DI CARICO NO. 13

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046264E-03	-0.18631337E-03
2	0.60183223E-03	-0.18628586E-03
3	0.58320886E-03	-0.18615683E-03
4	0.56460703E-03	-0.18584159E-03
5	0.54604950E-03	-0.18525733E-03
6	0.52756787E-03	-0.18430383E-03
7	0.50920504E-03	-0.18286119E-03
8	0.49101643E-03	-0.18079524E-03
9	0.47307144E-03	-0.17796550E-03
10	0.45545364E-03	-0.17422662E-03
11	0.43826282E-03	-0.16938694E-03
12	0.42162178E-03	-0.16318097E-03
13	0.40568263E-03	-0.15529474E-03
14	0.39062978E-03	-0.14540013E-03
15	0.37667950E-03	-0.13319834E-03
16	0.36407422E-03	-0.11847405E-03
17	0.35307306E-03	-0.10109895E-03
18	0.34394648E-03	-0.80961720E-04
19	0.33697739E-03	-0.57923782E-04
20	0.33246400E-03	-0.31817959E-04
21	0.33072260E-03	-0.24485082E-05
22	0.33209048E-03	0.30406609E-04
23	0.33692823E-03	0.66990673E-04
24	0.34562167E-03	0.10756648E-03
25	0.35858390E-03	0.15241340E-03
26	0.37625615E-03	0.20181414E-03
27	0.39910746E-03	0.25603740E-03
28	0.42763216E-03	0.31531646E-03
29	0.46234482E-03	0.37981768E-03
30	0.50377182E-03	0.44960278E-03
31	0.55244152E-03	0.52467192E-03
32	0.60860766E-03	0.59678458E-03
33	0.67142519E-03	0.65770058E-03
34	0.73977548E-03	0.70744788E-03
35	0.81254623E-03	0.74613903E-03
36	0.88864233E-03	0.77400124E-03
37	0.96699700E-03	0.79137814E-03
38	0.10465838E-02	0.79873047E-03
39	0.11264283E-02	0.79663680E-03
40	0.12056195E-02	0.78579440E-03
41	0.12833227E-02	0.76702004E-03
42	0.13587903E-02	0.74125058E-03
43	0.14313749E-02	0.70954364E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15005404E-02	0.67307771E-03
45	0.15658751E-02	0.63315255E-03
46	0.16271030E-02	0.59118820E-03
47	0.16840962E-02	0.54872432E-03
48	0.17368867E-02	0.50742342E-03
49	0.17856793E-02	0.46907747E-03
50	0.18308647E-02	0.43560760E-03
51	0.18730316E-02	0.40906054E-03
52	0.19129798E-02	0.39160304E-03
53	0.19517312E-02	0.38551408E-03
54	0.19905409E-02	0.39317456E-03
55	0.20309067E-02	0.41705440E-03
56	0.20745771E-02	0.45969593E-03
57	0.21226488E-02	0.49642054E-03
58	0.21728447E-02	0.50265051E-03
59	0.22222567E-02	0.48121862E-03
60	0.22682645E-02	0.43507110E-03
61	0.23085491E-02	0.36726749E-03
62	0.23411021E-02	0.28098078E-03
63	0.23642387E-02	0.17949734E-03
64	0.23766083E-02	0.66216919E-04
65	0.23772060E-02	-0.55347318E-04
66	0.23653836E-02	-0.18156882E-03
67	0.23408616E-02	-0.30870762E-03
68	0.23037400E-02	-0.43291040E-03
69	0.22545096E-02	-0.55021042E-03
70	0.21940640E-02	-0.65652747E-03
71	0.21237100E-02	-0.74766809E-03
72	0.20451071E-02	-0.82150695E-03
73	0.19599854E-02	-0.87804376E-03
74	0.18700750E-02	-0.91727817E-03
75	0.17771064E-02	-0.93920989E-03
76	0.16828098E-02	-0.94383827E-03
77	0.15889156E-02	-0.93116227E-03
78	0.14971542E-02	-0.90117956E-03
79	0.14092567E-02	-0.85388642E-03
80	0.13269541E-02	-0.78927766E-03
81	0.12519786E-02	-0.70734671E-03
82	0.11856528E-02	-0.62037783E-03
83	0.11276632E-02	-0.54060324E-03
84	0.10772973E-02	-0.46787449E-03
85	0.10338607E-02	-0.40197111E-03
86	0.99668512E-03	-0.34260619E-03
87	0.96513383E-03	-0.28941210E-03
88	0.93861413E-03	-0.24187414E-03
89	0.91659388E-03	-0.19929049E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.89861965E-03	-0.16079805E-03
91	0.88433042E-03	-0.12542016E-03
92	0.87346748E-03	-0.92086913E-04
93	0.86588319E-03	-0.59649094E-04
94	0.86154544E-03	-0.26976672E-04
95	0.86052675E-03	0.68618101E-05
96	0.86297293E-03	0.42353000E-04
97	0.86905662E-03	0.79622630E-04
98	0.87895896E-03	0.11873902E-03
99	0.89286920E-03	0.15979839E-03
100	0.91098860E-03	0.20295501E-03
101	0.93353831E-03	0.24845474E-03
102	0.96076954E-03	0.29665453E-03
103	0.99297531E-03	0.34803760E-03
104	0.10305037E-02	0.40321870E-03
105	0.10737701E-02	0.46293178E-03
106	0.11232694E-02	0.52802917E-03
107	0.11793023E-02	0.59091853E-03
108	0.12411315E-02	0.64415683E-03
109	0.13078527E-02	0.68896334E-03
110	0.13786812E-02	0.72647940E-03
111	0.14529357E-02	0.75761072E-03
112	0.15300069E-02	0.78285078E-03
113	0.16093197E-02	0.80250500E-03
114	0.16903365E-02	0.81701868E-03
115	0.17725716E-02	0.82697719E-03
116	0.18556044E-02	0.83310570E-03
117	0.19390939E-02	0.83626952E-03
118	0.20227928E-02	0.83747378E-03
119	0.21065616E-02	0.83786360E-03
120	0.21903813E-02	0.83872414E-03
121	0.22743696E-02	0.84148039E-03
122	0.23587928E-02	0.84769737E-03
123	0.24440810E-02	0.85907761E-03
124	0.25308419E-02	0.87746204E-03
125	0.26198730E-02	0.90483285E-03
126	0.27121787E-02	0.94331335E-03
127	0.28089816E-02	0.99516776E-03
128	0.29117381E-02	0.10628012E-02
129	0.30221525E-02	0.11487587E-02
130	0.31421902E-02	0.12557261E-02
131	0.32740922E-02	0.13865288E-02
132	0.34189664E-02	0.15014423E-02
133	0.35725315E-02	0.15608817E-02
134	0.37294016E-02	0.15680916E-02
135	0.38845218E-02	0.15264555E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.40331823E-02	0.14394963E-02
137	0.41710325E-02	0.13108752E-02
138	0.42940951E-02	0.11443918E-02
139	0.43987799E-02	0.94398769E-03
140	0.44818982E-02	0.71374705E-03
141	0.45406758E-02	0.45789414E-03
142	0.45727687E-02	0.18079307E-03
143	0.45762761E-02	-0.11305207E-03
144	0.45497548E-02	-0.41899720E-03
145	0.44922326E-02	-0.73225831E-03
146	0.44032233E-02	-0.10479114E-02
147	0.42827395E-02	-0.13608926E-02
148	0.41313074E-02	-0.16659978E-02
149	0.39499807E-02	-0.19578834E-02
150	0.37403542E-02	-0.22310656E-02
151	0.35045785E-02	-0.24799204E-02
152	0.32453730E-02	-0.26986848E-02
153	0.29660414E-02	-0.28814524E-02
154	0.26704844E-02	-0.30221706E-02
155	0.23632154E-02	-0.31146442E-02
156	0.20493749E-02	-0.31525365E-02
157	0.17347434E-02	-0.31293714E-02
158	0.14257563E-02	-0.30385347E-02
159	0.11295172E-02	-0.28732733E-02
160	0.85381215E-03	-0.26266961E-02
161	0.60745858E-03	-0.22817026E-02
162	0.39993075E-03	-0.18629348E-02
163	0.23516164E-03	-0.14354659E-02
164	0.11170835E-03	-0.10418734E-02
165	0.24892493E-04	-0.70511497E-03
166	-0.31487740E-04	-0.43354955E-03
167	-0.63956264E-04	-0.22614961E-03
168	-0.78652956E-04	-0.76808596E-04
169	-0.80962491E-04	0.23197277E-04
170	-0.75332602E-04	0.83630111E-04
171	-0.65236964E-04	0.11404812E-03
172	-0.53236934E-04	0.12304753E-03
173	-0.41099916E-04	0.11787313E-03
174	-0.29942481E-04	0.10429356E-03
175	-0.20376572E-04	0.86652894E-04
176	-0.12644713E-04	0.68027897E-04
177	-0.67365036E-05	0.50437578E-04
178	-0.24835256E-05	0.35057401E-04
179	0.36622521E-06	0.22414679E-04
180	0.20930761E-05	0.12581929E-04
181	0.29697205E-05	0.53624681E-05

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.32412302E-05	0.41282834E-06
183	0.31140617E-05	-0.26835467E-05
184	0.27520914E-05	-0.43528071E-05
185	0.22779602E-05	-0.49882738E-05
186	0.17776547E-05	-0.49272007E-05
187	0.13066742E-05	-0.44415015E-05
188	0.89661569E-06	-0.37379646E-05
189	0.56141874E-06	-0.29643061E-05
190	0.30283360E-06	-0.22182737E-05
191	0.11491875E-06	-0.15575986E-05
192	-0.12434720E-07	-0.10093819E-05
193	-0.90890943E-07	-0.57916486E-06
194	-0.13196333E-06	-0.25981703E-06
195	-0.14609205E-06	-0.37600309E-07
196	-0.14215412E-06	0.10449460E-06
197	-0.12727621E-06	0.18409713E-06
198	-0.10686853E-06	0.21768449E-06
199	-0.84795865E-07	0.21957536E-06
200	-0.63619332E-07	0.20149017E-06
201	-0.44861185E-07	0.17250430E-06
202	-0.29260722E-07	0.13925086E-06
203	-0.17002197E-07	0.10626188E-06
204	-0.79052507E-08	0.76365751E-07
205	-0.15762304E-08	0.51054105E-07
206	0.24749116E-08	0.30822697E-07
207	0.47528488E-08	0.15527476E-07
208	0.57280611E-08	0.46618864E-08
209	0.58094405E-08	-0.24772615E-08
210	0.53310312E-08	-0.66637447E-08
211	0.45502135E-08	-0.86445757E-08
212	0.36535535E-08	-0.90822851E-08
213	0.27668590E-08	-0.85269161E-08
214	0.19669242E-08	-0.74089286E-08
215	0.12932483E-08	-0.60456928E-08
216	0.75867501E-09	-0.46557749E-08
217	0.35839751E-09	-0.33767311E-08
218	0.77161909E-10	-0.22826945E-08
219	-0.10521041E-09	-0.14007283E-08
220	-0.20994524E-09	-0.72760686E-09
221	-0.25703117E-09	-0.24346689E-09
222	-0.26398550E-09	0.80266391E-10
223	-0.24526239E-09	0.27546412E-09
224	-0.21213900E-09	0.37327227E-09
225	-0.17292184E-09	0.40166342E-09
226	-0.13333530E-09	0.38418491E-09
227	-0.96989604E-10	0.33956427E-09

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.65857736E-10	0.28188499E-09
229	-0.40715993E-10	0.22110405E-09
230	-0.21523127E-10	0.16373715E-09
231	-0.77280717E-11	0.11358505E-09
232	0.14918579E-11	0.72372185E-10
233	0.70527820E-11	0.40351795E-10
234	0.98475273E-11	0.16890728E-10
235	0.10678422E-10	0.85448445E-12
236	0.10220016E-10	-0.91340121E-11
237	0.90064909E-11	-0.14476344E-10
238	0.74366459E-11	-0.16461721E-10
239	0.57892957E-11	-0.16192641E-10
240	0.42437078E-11	-0.14555860E-10
241	0.29012916E-11	-0.12224037E-10
242	0.18061013E-11	-0.96761843E-11
243	0.96273662E-12	-0.72278776E-11
244	0.35102081E-12	-0.50647177E-11
245	-0.62601366E-13	-0.32733902E-11
246	-0.31661869E-12	-0.18709060E-11
247	-0.44892622E-12	-0.83273145E-12
248	-0.49374665E-12	-0.11200677E-12
249	-0.47998676E-12	0.34894171E-12
250	-0.43063220E-12	0.60967334E-12
251	-0.36286965E-12	0.72587899E-12
252	-0.28865641E-12	0.74608364E-12
253	-0.21552492E-12	0.71012825E-12
254	-0.14747513E-12	0.64884225E-12
255	-0.85860992E-13	0.58442059E-12
256	-0.30220018E-13	0.53112858E-12
257	0.20971502E-13	0.49603990E-12
258	0.69608565E-13	0.47956924E-12
259	0.11730326E-12	0.47563581E-12

STEP DI CARICO NO. 14

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.62046264E-03	-0.18631337E-03
2	0.60183223E-03	-0.18628586E-03
3	0.58320886E-03	-0.18615683E-03
4	0.56460703E-03	-0.18584159E-03
5	0.54604950E-03	-0.18525733E-03
6	0.52756787E-03	-0.18430382E-03
7	0.50920504E-03	-0.18286119E-03
8	0.49101643E-03	-0.18079524E-03
9	0.47307144E-03	-0.17796550E-03
10	0.45545364E-03	-0.17422662E-03
11	0.43826282E-03	-0.16938694E-03
12	0.42162178E-03	-0.16318097E-03
13	0.40568263E-03	-0.15529474E-03
14	0.39062978E-03	-0.14540013E-03
15	0.37667950E-03	-0.13319834E-03
16	0.36407422E-03	-0.11847405E-03
17	0.35307306E-03	-0.10109896E-03
18	0.34394648E-03	-0.80961720E-04
19	0.33697739E-03	-0.57923786E-04
20	0.33246400E-03	-0.31817959E-04
21	0.33072260E-03	-0.24485096E-05
22	0.33209048E-03	0.30406609E-04
23	0.33692821E-03	0.66990673E-04
24	0.34562167E-03	0.10756648E-03
25	0.35858390E-03	0.15241340E-03
26	0.37625615E-03	0.20181412E-03
27	0.39910746E-03	0.25603737E-03
28	0.42763216E-03	0.31531646E-03
29	0.46234482E-03	0.37981768E-03
30	0.50377182E-03	0.44960278E-03
31	0.55244152E-03	0.52467192E-03
32	0.60860766E-03	0.59678458E-03
33	0.67142519E-03	0.65770058E-03
34	0.73977548E-03	0.70744788E-03
35	0.81254623E-03	0.74613903E-03
36	0.88864233E-03	0.77400124E-03
37	0.96699700E-03	0.79137814E-03
38	0.10465838E-02	0.79873047E-03
39	0.11264283E-02	0.79663680E-03
40	0.12056195E-02	0.78579446E-03
41	0.12833227E-02	0.76702010E-03
42	0.13587904E-02	0.74125064E-03
43	0.14313749E-02	0.70954364E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15005405E-02	0.67307777E-03
45	0.15658751E-02	0.63315261E-03
46	0.16271031E-02	0.59118826E-03
47	0.16840962E-02	0.54872438E-03
48	0.17368867E-02	0.50742348E-03
49	0.17856794E-02	0.46907752E-03
50	0.18308647E-02	0.43560765E-03
51	0.18730316E-02	0.40906059E-03
52	0.19129799E-02	0.39160307E-03
53	0.19517312E-02	0.38551405E-03
54	0.19905409E-02	0.39317453E-03
55	0.20309067E-02	0.41705428E-03
56	0.20745771E-02	0.45969576E-03
57	0.21226488E-02	0.49642025E-03
58	0.21728447E-02	0.50265016E-03
59	0.22222567E-02	0.48121816E-03
60	0.22682645E-02	0.43507048E-03
61	0.23085489E-02	0.36726677E-03
62	0.23411019E-02	0.28097990E-03
63	0.23642383E-02	0.17949633E-03
64	0.23766079E-02	0.66215776E-04
65	0.23772053E-02	-0.55348573E-04
66	0.23653829E-02	-0.18157015E-03
67	0.23408607E-02	-0.30870902E-03
68	0.23037388E-02	-0.43291177E-03
69	0.22545084E-02	-0.55021170E-03
70	0.21940628E-02	-0.65652851E-03
71	0.21237086E-02	-0.74766879E-03
72	0.20451057E-02	-0.82150707E-03
73	0.19599840E-02	-0.87804295E-03
74	0.18700738E-02	-0.91727602E-03
75	0.17771055E-02	-0.93920575E-03
76	0.16828094E-02	-0.94383146E-03
77	0.15889161E-02	-0.93115203E-03
78	0.14971560E-02	-0.90116524E-03
79	0.14092601E-02	-0.85386739E-03
80	0.13269597E-02	-0.78925345E-03
81	0.12519868E-02	-0.70731738E-03
82	0.11856641E-02	-0.62034430E-03
83	0.11276781E-02	-0.54056750E-03
84	0.10773157E-02	-0.46783974E-03
85	0.10338825E-02	-0.40194220E-03
86	0.99670910E-03	-0.34258980E-03
87	0.96515851E-03	-0.28941710E-03
88	0.93863672E-03	-0.24191169E-03
89	0.91661059E-03	-0.19937403E-03

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.89862506E-03	-0.16094281E-03
91	0.88431762E-03	-0.12564246E-03
92	0.87342790E-03	-0.92402712E-04
93	0.86580683E-03	-0.60071874E-04
94	0.86142105E-03	-0.27514427E-04
95	0.86034281E-03	0.62105851E-05
96	0.86271879E-03	0.41604391E-04
97	0.86872419E-03	0.78813449E-04
98	0.87854516E-03	0.11793383E-03
99	0.89237909E-03	0.15909704E-03
100	0.91043924E-03	0.20250009E-03
101	0.93296356E-03	0.24843804E-03
102	0.96022501E-03	0.29732098E-03
103	0.99254388E-03	0.34968514E-03
104	0.10303002E-02	0.40619134E-03
105	0.10739457E-02	0.46760365E-03
106	0.11240129E-02	0.53477567E-03
107	0.11808379E-02	0.60005917E-03
108	0.12437096E-02	0.65589091E-03
109	0.13117351E-02	0.70329546E-03
110	0.13841157E-02	0.74310869E-03
111	0.14601193E-02	0.77579560E-03
112	0.15390451E-02	0.80159248E-03
113	0.16202184E-02	0.82080887E-03
114	0.17030028E-02	0.83390408E-03
115	0.17868156E-02	0.84149116E-03
116	0.18711432E-02	0.84434130E-03
117	0.19555571E-02	0.84338832E-03
118	0.20397308E-02	0.83973270E-03
119	0.21234560E-02	0.83464518E-03
120	0.22066601E-02	0.82956813E-03
121	0.22894240E-02	0.82612369E-03
122	0.23720032E-02	0.82622853E-03
123	0.24548655E-02	0.83220948E-03
124	0.25387325E-02	0.84681483E-03
125	0.26246216E-02	0.87320968E-03
126	0.27138859E-02	0.91494527E-03
127	0.28082510E-02	0.97589282E-03
128	0.29098408E-02	0.10601275E-02
129	0.30211892E-02	0.11717477E-02
130	0.31452316E-02	0.13146139E-02
131	0.32852625E-02	0.14919934E-02
132	0.34434490E-02	0.16639301E-02
133	0.36165402E-02	0.17906197E-02
134	0.38001728E-02	0.18753065E-02
135	0.39903144E-02	0.19213752E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.41832780E-02	0.19323500E-02
137	0.43757367E-02	0.19118955E-02
138	0.45647365E-02	0.18638158E-02
139	0.47477107E-02	0.17920553E-02
140	0.49224943E-02	0.17006982E-02
141	0.50873379E-02	0.15939687E-02
142	0.52409209E-02	0.14762309E-02
143	0.53823669E-02	0.13519891E-02
144	0.55112569E-02	0.12258871E-02
145	0.56276419E-02	0.11027091E-02
146	0.57320604E-02	0.98737888E-03
147	0.58255480E-02	0.88496064E-03
148	0.59096562E-02	0.80065808E-03
149	0.59864619E-02	0.73981512E-03
150	0.60585840E-02	0.70791558E-03
151	0.61291973E-02	0.71058323E-03
152	0.62020449E-02	0.75358170E-03
153	0.62814546E-02	0.84281474E-03
154	0.63723507E-02	0.98432600E-03
155	0.64802687E-02	0.11842990E-02
156	0.66113700E-02	0.14490574E-02
157	0.67694788E-02	0.16957809E-02
158	0.69471691E-02	0.18417892E-02
159	0.71347044E-02	0.18938257E-02
160	0.73230308E-02	0.18587739E-02
161	0.75037903E-02	0.17436570E-02
162	0.76693324E-02	0.15556384E-02
163	0.78127310E-02	0.13020213E-02
164	0.79277977E-02	0.99024887E-03
165	0.80090957E-02	0.62790437E-03
166	0.80519505E-02	0.22271081E-03
167	0.80524711E-02	-0.21746867E-03
168	0.80075571E-02	-0.68463106E-03
169	0.79149175E-02	-0.11706334E-02
170	0.77730790E-02	-0.16671926E-02
171	0.75814077E-02	-0.21658859E-02
172	0.73401160E-02	-0.26581502E-02
173	0.70502809E-02	-0.31353144E-02
174	0.67138504E-02	-0.35885684E-02
175	0.63336641E-02	-0.40089125E-02
176	0.59134704E-02	-0.43871766E-02
177	0.54579424E-02	-0.47140350E-02
178	0.49726926E-02	-0.49800165E-02
179	0.44642887E-02	-0.51755118E-02
180	0.39402647E-02	-0.52907779E-02
181	0.34091363E-02	-0.53159418E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.28804131E-02	-0.52409982E-02
183	0.23646115E-02	-0.50558131E-02
184	0.18732675E-02	-0.47501205E-02
185	0.14189509E-02	-0.43135216E-02
186	0.10152778E-02	-0.37354834E-02
187	0.67512470E-03	-0.30593316E-02
188	0.40388008E-03	-0.23691233E-02
189	0.19973748E-03	-0.17257911E-02
190	0.55817996E-04	-0.11695746E-02
191	-0.37700371E-04	-0.71904610E-03
192	-0.91552189E-04	-0.37534637E-03
193	-0.11602652E-03	-0.12935277E-03
194	-0.12018951E-03	0.33637756E-04
195	-0.11150438E-03	0.13046591E-03
196	-0.95751151E-04	0.17764943E-03
197	-0.77136807E-04	0.18996342E-03
198	-0.58509951E-04	0.17973276E-03
199	-0.41619420E-04	0.15662723E-03
200	-0.27375745E-04	0.12778454E-03
201	-0.16089811E-04	0.98122888E-04
202	-0.76751930E-05	0.70740476E-04
203	-0.18092812E-05	0.47331105E-04
204	0.19453828E-05	0.28552395E-04
205	0.40543891E-05	0.14369421E-04
206	0.49577193E-05	0.43400100E-05
207	0.50387580E-05	-0.21983910E-05
208	0.46098125E-05	-0.59836420E-05
209	0.39100632E-05	-0.77278810E-05
210	0.31113093E-05	-0.80599275E-05
211	0.23278772E-05	-0.74979907E-05
212	0.16281297E-05	-0.64435021E-05
213	0.10458632E-05	-0.51884226E-05
214	0.59055355E-06	-0.39300921E-05
215	0.25592769E-06	-0.27892731E-05
216	0.26699816E-07	-0.18284268E-05
217	-0.11643815E-06	-0.10679946E-05
218	-0.19336252E-06	-0.50146491E-06
219	-0.22246741E-06	-0.10702340E-06
220	-0.21951662E-06	0.14493573E-06
221	-0.19717925E-06	0.28592495E-06
222	-0.16504038E-06	0.34565164E-06
223	-0.12989692E-06	0.34993840E-06
224	-0.96199855E-07	0.31981057E-06
225	-0.66544729E-07	0.27138523E-06
226	-0.42146034E-07	0.21626300E-06
227	-0.23257122E-07	0.16219093E-06

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.95174713E-08	0.11383022E-06
229	-0.22285486E-09	0.73516226E-07
230	0.54762919E-08	0.41917776E-07
231	0.84377474E-08	0.18630733E-07
232	0.94455563E-08	0.26372238E-08
233	0.91643084E-08	-0.73827926E-08
234	0.81223313E-08	-0.12802801E-07
235	0.67145560E-08	-0.14898572E-07
236	0.52169256E-08	-0.14765080E-07
237	0.38064973E-08	-0.13282877E-07
238	0.25831097E-08	-0.11117897E-07
239	0.15899589E-08	-0.87416829E-08
240	0.83154911E-09	-0.64621868E-08
241	0.28834174E-09	-0.44580846E-08
242	-0.71994986E-10	-0.28117968E-08
243	-0.28647223E-09	-0.15391481E-08
244	-0.39143627E-09	-0.61484939E-09
245	-0.41945508E-09	0.90604000E-11
246	-0.39770995E-09	0.39039780E-09
247	-0.34751937E-09	0.58741967E-09
248	-0.28459901E-09	0.65325134E-09
249	-0.21974007E-09	0.63295397E-09
250	-0.15968082E-09	0.56247862E-09
251	-0.10801542E-09	0.46887083E-09
252	-0.66041742E-10	0.37121045E-09
253	-0.33494936E-10	0.28190203E-09
254	-0.91465273E-11	0.20803789E-09
255	0.87278344E-11	0.15262953E-09
256	0.21994422E-10	0.11567244E-09
257	0.32402241E-10	0.94912862E-10
258	0.41383064E-10	0.86335376E-10
259	0.49893863E-10	0.84494294E-10

STEP DI CARICO NO. 15

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.61187841E-03	-0.19551940E-03
2	0.59232948E-03	-0.19542995E-03
3	0.57280390E-03	-0.19499748E-03
4	0.55335241E-03	-0.19389109E-03
5	0.53405983E-03	-0.19176007E-03
6	0.51504752E-03	-0.18821667E-03
7	0.49647765E-03	-0.18283783E-03
8	0.47855600E-03	-0.17517709E-03
9	0.46153337E-03	-0.16478242E-03
10	0.44570537E-03	-0.15121164E-03
11	0.43141207E-03	-0.13400978E-03
12	0.41904015E-03	-0.11270602E-03
13	0.40902194E-03	-0.86869746E-04
14	0.40182791E-03	-0.56182220E-04
15	0.39795125E-03	-0.20521959E-04
16	0.39788929E-03	0.20111038E-04
17	0.40213924E-03	0.65716769E-04
18	0.41119839E-03	0.11629522E-03
19	0.42556404E-03	0.17184639E-03
20	0.44573343E-03	0.23237022E-03
21	0.47220383E-03	0.29786670E-03
22	0.50547253E-03	0.36833578E-03
23	0.54603675E-03	0.44377745E-03
24	0.59439376E-03	0.52419159E-03
25	0.65104326E-03	0.60965167E-03
26	0.71649969E-03	0.70038065E-03
27	0.79130754E-03	0.79675385E-03
28	0.87605621E-03	0.89929911E-03
29	0.97139576E-03	0.10086966E-02
30	0.10780517E-02	0.11257788E-02
31	0.11968405E-02	0.12515306E-02
32	0.13279964E-02	0.13664409E-02
33	0.14691220E-02	0.14511512E-02
34	0.16172681E-02	0.15071034E-02
35	0.17696372E-02	0.15358924E-02
36	0.19235994E-02	0.15392650E-02
37	0.20767064E-02	0.15191209E-02
38	0.22267080E-02	0.14775119E-02
39	0.23715668E-02	0.14166426E-02
40	0.25094731E-02	0.13388699E-02
41	0.26388611E-02	0.12467059E-02
42	0.27584238E-02	0.11428255E-02
43	0.28671303E-02	0.10300679E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.29642414E-02	0.91143057E-03
45	0.30493252E-02	0.79006219E-03
46	0.31222724E-02	0.66925562E-03
47	0.31833095E-02	0.55244262E-03
48	0.32330134E-02	0.44319974E-03
49	0.32723262E-02	0.34525598E-03
50	0.33025707E-02	0.26249234E-03
51	0.33254651E-02	0.19894175E-03
52	0.33431388E-02	0.15878913E-03
53	0.33581473E-02	0.14637185E-03
54	0.33734874E-02	0.16617961E-03
55	0.33926121E-02	0.22285453E-03
56	0.34194470E-02	0.32119110E-03
57	0.34566310E-02	0.41294386E-03
58	0.35002131E-02	0.45001978E-03
59	0.35449874E-02	0.43767050E-03
60	0.35862799E-02	0.38130002E-03
61	0.36199652E-02	0.28646470E-03
62	0.36424811E-02	0.15887334E-03
63	0.36508434E-02	0.43870782E-05
64	0.36426624E-02	-0.17098055E-03
65	0.36161568E-02	-0.36106366E-03
66	0.35701697E-02	-0.55954390E-03
67	0.35041838E-02	-0.75995066E-03
68	0.34183362E-02	-0.95566089E-03
69	0.33134341E-02	-0.11398991E-02
70	0.31909696E-02	-0.13057375E-02
71	0.30531359E-02	-0.14460959E-02
72	0.29027192E-02	-0.15573960E-02
73	0.27426253E-02	-0.16396381E-02
74	0.25757600E-02	-0.16928219E-02
75	0.24050295E-02	-0.17169475E-02
76	0.22333392E-02	-0.17120149E-02
77	0.20635952E-02	-0.16780241E-02
78	0.18987030E-02	-0.16149750E-02
79	0.17415687E-02	-0.15228679E-02
80	0.15950981E-02	-0.14017025E-02
81	0.14621968E-02	-0.12514789E-02
82	0.13452063E-02	-0.10891339E-02
83	0.12442095E-02	-0.93160442E-03
84	0.11587249E-02	-0.77889033E-03
85	0.10882709E-02	-0.63099177E-03
86	0.10323661E-02	-0.48790858E-03
87	0.99052873E-03	-0.34964088E-03
88	0.96227735E-03	-0.21618862E-03
89	0.94713044E-03	-0.87551816E-04

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.94460649E-03	0.36269539E-04
91	0.95422385E-03	0.15527544E-03
92	0.97550103E-03	0.26946588E-03
93	0.10079582E-02	0.37889322E-03
94	0.10511276E-02	0.48375531E-03
95	0.11045700E-02	0.58443646E-03
96	0.11678945E-02	0.68150746E-03
97	0.12407764E-02	0.77572546E-03
98	0.13229760E-02	0.86803397E-03
99	0.14143572E-02	0.95956313E-03
100	0.15149064E-02	0.10516293E-02
101	0.16247494E-02	0.11456856E-02
102	0.17441640E-02	0.12433566E-02
103	0.18736036E-02	0.13465143E-02
104	0.20137196E-02	0.14572567E-02
105	0.21653846E-02	0.15778921E-02
106	0.23297116E-02	0.17109270E-02
107	0.25071134E-02	0.18302638E-02
108	0.26944438E-02	0.19099874E-02
109	0.28878923E-02	0.19531532E-02
110	0.30839634E-02	0.19629900E-02
111	0.32794927E-02	0.19428973E-02
112	0.34716642E-02	0.18964416E-02
113	0.36580267E-02	0.18273523E-02
114	0.38365107E-02	0.17395444E-02
115	0.40054484E-02	0.16371309E-02
116	0.41635935E-02	0.15244109E-02
117	0.43101367E-02	0.14058702E-02
118	0.44447291E-02	0.12861809E-02
119	0.45674965E-02	0.11702018E-02
120	0.46790615E-02	0.10629777E-02
121	0.47805584E-02	0.96974027E-03
122	0.48736562E-02	0.89590723E-03
123	0.49605733E-02	0.84708293E-03
124	0.50440994E-02	0.82905812E-03
125	0.51276111E-02	0.84781001E-03
126	0.52150926E-02	0.90950209E-03
127	0.53111543E-02	0.10204845E-02
128	0.54210504E-02	0.11872936E-02
129	0.55506979E-02	0.14166523E-02
130	0.57066963E-02	0.17154700E-02
131	0.58963438E-02	0.20908422E-02
132	0.61245258E-02	0.24560411E-02
133	0.63843285E-02	0.27245244E-02
134	0.66664619E-02	0.29039471E-02
135	0.69624106E-02	0.30021635E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.72644567E-02	0.30272519E-02
137	0.75657004E-02	0.29875226E-02
138	0.78600850E-02	0.28915119E-02
139	0.81424192E-02	0.27479723E-02
140	0.84083946E-02	0.25658647E-02
141	0.86546112E-02	0.23543441E-02
142	0.88785933E-02	0.21227407E-02
143	0.90788063E-02	0.18805362E-02
144	0.92546670E-02	0.16373281E-02
145	0.94065620E-02	0.14028387E-02
146	0.95358556E-02	0.11869605E-02
147	0.96449107E-02	0.99977199E-03
148	0.97371088E-02	0.85153821E-03
149	0.98168654E-02	0.75271056E-03
150	0.98896520E-02	0.71392691E-03
151	0.99620130E-02	0.74601168E-03
152	0.10041583E-01	0.85997547E-03
153	0.10137110E-01	0.10670156E-02
154	0.10258469E-01	0.13785155E-02
155	0.10416681E-01	0.18060453E-02
156	0.10623937E-01	0.23613614E-02
157	0.10888018E-01	0.28885927E-02
158	0.11195530E-01	0.32320539E-02
159	0.11528713E-01	0.34040611E-02
160	0.11871044E-01	0.34171161E-02
161	0.12207260E-01	0.32839079E-02
162	0.12523379E-01	0.30173112E-02
163	0.12806712E-01	0.26303877E-02
164	0.13045887E-01	0.21363853E-02
165	0.13230868E-01	0.15487380E-02
166	0.13352968E-01	0.88106678E-03
167	0.13404874E-01	0.14717874E-03
168	0.13380663E-01	-0.63893246E-03
169	0.13275819E-01	-0.14630869E-02
170	0.13087256E-01	-0.23109179E-02
171	0.12813332E-01	-0.31678730E-02
172	0.12453869E-01	-0.40192124E-02
173	0.12010174E-01	-0.48500109E-02
174	0.11485055E-01	-0.56451559E-02
175	0.10882840E-01	-0.63893488E-02
176	0.10209399E-01	-0.70671048E-02
177	0.94721569E-02	-0.76627522E-02
178	0.86801145E-02	-0.81604337E-02
179	0.78438707E-02	-0.85441042E-02
180	0.69756354E-02	-0.87975329E-02
181	0.60892524E-02	-0.89043034E-02

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.52002165E-02	-0.88478122E-02
183	0.43256921E-02	-0.86112684E-02
184	0.34845306E-02	-0.81776958E-02
185	0.26972922E-02	-0.75299325E-02
186	0.19862622E-02	-0.66506276E-02
187	0.13733396E-02	-0.55861394E-02
188	0.87142974E-03	-0.44497862E-02
189	0.48224931E-03	-0.33474243E-02
190	0.19815446E-03	-0.23587751E-02
191	0.51461989E-05	-0.15305680E-02
192	-0.11382933E-03	-0.87846688E-03
193	-0.17619679E-03	-0.39585412E-03
194	-0.19798093E-03	-0.62664491E-04
195	-0.19282722E-03	0.14759907E-03
196	-0.17163076E-03	0.26277339E-03
197	-0.14257603E-03	0.30884318E-03
198	-0.11141888E-03	0.30821018E-03
199	-0.81887134E-04	0.27898303E-03
200	-0.56116020E-04	0.23494348E-03
201	-0.35064226E-04	0.18593027E-03
202	-0.18879069E-04	0.13844394E-03
203	-0.71963532E-05	0.96330114E-04
204	0.62799836E-06	0.61447638E-04
205	0.53503418E-05	0.34280176E-04
206	0.77275399E-05	0.14417895E-04
207	0.84458561E-05	0.91367809E-06
208	0.80825439E-05	-0.74224818E-05
209	0.70929618E-05	-0.11810575E-04
210	0.58146938E-05	-0.13370719E-04
211	0.44813260E-05	-0.13055631E-04
212	0.32407438E-05	-0.11625255E-04
213	0.21744524E-05	-0.96495478E-05
214	0.13156890E-05	-0.75281951E-05
215	0.66508181E-06	-0.55187920E-05
216	0.20332595E-06	-0.37675295E-05
217	-0.99183275E-07	-0.23390426E-05
218	-0.27555953E-06	-0.12428648E-05
219	-0.35799479E-06	-0.45384411E-06
220	-0.37507968E-06	0.72636176E-07
221	-0.35047816E-06	0.38879878E-06
222	-0.30260614E-06	0.54637474E-06
223	-0.24493733E-06	0.59192689E-06
224	-0.18665366E-06	0.56449244E-06
225	-0.13344605E-06	0.49484140E-06
226	-0.88331916E-07	0.40579442E-06
227	-0.52406680E-07	0.31316227E-06

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.25484534E-07	0.22697796E-06
229	-0.66110828E-08	0.15279383E-06
230	0.55514522E-08	0.92926271E-07
231	0.12455580E-07	0.47500944E-07
232	0.15490309E-07	0.15235683E-07
233	0.15873015E-07	-0.59206036E-08
234	0.14599330E-07	-0.18282682E-07
235	0.12434644E-07	-0.24099789E-07
236	0.99310240E-08	-0.25367326E-07
237	0.74578050E-08	-0.23736098E-07
238	0.52376485E-08	-0.20489548E-07
239	0.33825054E-08	-0.16564693E-07
240	0.19261130E-08	-0.12597749E-07
241	0.85129886E-09	-0.89805088E-08
242	0.11152212E-09	-0.59179421E-08
243	-0.35322786E-09	-0.34835257E-08
244	-0.60569211E-09	-0.16643819E-08
245	-0.70439377E-09	-0.39392403E-09
246	-0.69965705E-09	0.42112880E-09
247	-0.63201105E-09	0.88089008E-09
248	-0.53215721E-09	0.10803065E-08
249	-0.42186121E-09	0.11023793E-08
250	-0.31532560E-09	0.10151248E-08
251	-0.22072866E-09	0.87109858E-09
252	-0.14172442E-09	0.70851602E-09
253	-0.78782737E-10	0.55321503E-09
254	-0.30314751E-10	0.42091383E-09
255	0.64258703E-11	0.31938782E-09
256	0.34648420E-10	0.25043004E-09
257	0.57500203E-10	0.21112197E-09
258	0.77634614E-10	0.19466787E-09
259	0.96863087E-10	0.19109324E-09

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.62046E-03	8
2	-0.10000	0.60183E-03	9
3	-0.20000	0.58321E-03	9
4	-0.30000	0.56461E-03	8
5	-0.40000	0.54605E-03	7
6	-0.50000	0.52758E-03	7
7	-0.60000	0.50922E-03	7
8	-0.70000	0.49169E-03	2
9	-0.80000	0.47572E-03	2
10	-0.90000	0.45976E-03	2
11	-1.0000	0.44379E-03	2
12	-1.1000	0.42782E-03	2
13	-1.2000	0.41186E-03	2
14	-1.3000	0.40183E-03	15
15	-1.4000	0.39795E-03	15
16	-1.5000	0.39789E-03	15
17	-1.6000	0.40214E-03	15
18	-1.7000	0.41120E-03	15
19	-1.8000	0.42556E-03	15
20	-1.9000	0.44573E-03	15
21	-2.0000	0.47220E-03	15
22	-2.1000	0.50547E-03	15
23	-2.2000	0.54604E-03	15
24	-2.3000	0.59439E-03	15
25	-2.4000	0.65104E-03	15
26	-2.5000	0.71650E-03	15
27	-2.6000	0.79131E-03	15
28	-2.7000	0.87606E-03	15
29	-2.8000	0.97140E-03	15
30	-2.9000	0.10781E-02	15
31	-3.0000	0.11968E-02	15
32	-3.1000	0.13280E-02	15
33	-3.2000	0.14691E-02	15
34	-3.3000	0.16173E-02	15
35	-3.4000	0.17696E-02	15
36	-3.5000	0.19236E-02	15
37	-3.6000	0.20767E-02	15
38	-3.7000	0.22267E-02	15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.23716E-02	15
40	-3.9000	0.25095E-02	15
41	-4.0000	0.26389E-02	15
42	-4.1000	0.27584E-02	15
43	-4.2000	0.28671E-02	15
44	-4.3000	0.29642E-02	15
45	-4.4000	0.30493E-02	15
46	-4.5000	0.31223E-02	15
47	-4.6000	0.31833E-02	15
48	-4.7000	0.32330E-02	15
49	-4.8000	0.32723E-02	15
50	-4.9000	0.33026E-02	15
51	-5.0000	0.33255E-02	15
52	-5.1000	0.33431E-02	15
53	-5.2000	0.33581E-02	15
54	-5.3000	0.33735E-02	15
55	-5.4000	0.33926E-02	15
56	-5.5000	0.34194E-02	15
57	-5.6000	0.34566E-02	15
58	-5.7000	0.35002E-02	15
59	-5.8000	0.35450E-02	15
60	-5.9000	0.35863E-02	15
61	-6.0000	0.36200E-02	15
62	-6.1000	0.36425E-02	15
63	-6.2000	0.36508E-02	15
64	-6.3000	0.36427E-02	15
65	-6.4000	0.36162E-02	15
66	-6.5000	0.35702E-02	15
67	-6.6000	0.35042E-02	15
68	-6.7000	0.34183E-02	15
69	-6.8000	0.33134E-02	15
70	-6.9000	0.31910E-02	15
71	-7.0000	0.30531E-02	15
72	-7.1000	0.29027E-02	15
73	-7.2000	0.27426E-02	15
74	-7.3000	0.25758E-02	15
75	-7.4000	0.24050E-02	15
76	-7.5000	0.22333E-02	15
77	-7.6000	0.20636E-02	15
78	-7.7000	0.18987E-02	15
79	-7.8000	0.17416E-02	15
80	-7.9000	0.15951E-02	15
81	-8.0000	0.14622E-02	15
82	-8.1000	0.13452E-02	15
83	-8.2000	0.12442E-02	15
84	-8.3000	0.11587E-02	15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.10883E-02	15
86	-8.5000	0.10324E-02	15
87	-8.6000	0.99053E-03	15
88	-8.7000	0.96228E-03	15
89	-8.8000	0.94713E-03	15
90	-8.9000	0.94461E-03	15
91	-9.0000	0.95422E-03	15
92	-9.1000	0.97550E-03	15
93	-9.2000	0.10080E-02	15
94	-9.3000	0.10511E-02	15
95	-9.4000	0.11046E-02	15
96	-9.5000	0.11679E-02	15
97	-9.6000	0.12408E-02	15
98	-9.7000	0.13230E-02	15
99	-9.8000	0.14144E-02	15
100	-9.9000	0.15149E-02	15
101	-10.000	0.16247E-02	15
102	-10.100	0.17442E-02	15
103	-10.200	0.18736E-02	15
104	-10.300	0.20137E-02	15
105	-10.400	0.21654E-02	15
106	-10.500	0.23297E-02	15
107	-10.600	0.25071E-02	15
108	-10.700	0.26944E-02	15
109	-10.800	0.28879E-02	15
110	-10.900	0.30840E-02	15
111	-11.000	0.32795E-02	15
112	-11.100	0.34717E-02	15
113	-11.200	0.36580E-02	15
114	-11.300	0.38365E-02	15
115	-11.400	0.40054E-02	15
116	-11.500	0.41636E-02	15
117	-11.600	0.43101E-02	15
118	-11.700	0.44447E-02	15
119	-11.800	0.45675E-02	15
120	-11.900	0.46791E-02	15
121	-12.000	0.47806E-02	15
122	-12.100	0.48737E-02	15
123	-12.200	0.49606E-02	15
124	-12.300	0.50441E-02	15
125	-12.400	0.51276E-02	15
126	-12.500	0.52151E-02	15
127	-12.600	0.53112E-02	15
128	-12.700	0.54211E-02	15
129	-12.800	0.55507E-02	15
130	-12.900	0.57067E-02	15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	0.58963E-02	15
132	-13.100	0.61245E-02	15
133	-13.200	0.63843E-02	15
134	-13.300	0.66665E-02	15
135	-13.400	0.69624E-02	15
136	-13.500	0.72645E-02	15
137	-13.600	0.75657E-02	15
138	-13.700	0.78601E-02	15
139	-13.800	0.81424E-02	15
140	-13.900	0.84084E-02	15
141	-14.000	0.86546E-02	15
142	-14.100	0.88786E-02	15
143	-14.200	0.90788E-02	15
144	-14.300	0.92547E-02	15
145	-14.400	0.94066E-02	15
146	-14.500	0.95359E-02	15
147	-14.600	0.96449E-02	15
148	-14.700	0.97371E-02	15
149	-14.800	0.98169E-02	15
150	-14.900	0.98897E-02	15
151	-15.000	0.99620E-02	15
152	-15.100	0.10042E-01	15
153	-15.200	0.10137E-01	15
154	-15.300	0.10258E-01	15
155	-15.400	0.10417E-01	15
156	-15.500	0.10624E-01	15
157	-15.600	0.10888E-01	15
158	-15.700	0.11196E-01	15
159	-15.800	0.11529E-01	15
160	-15.900	0.11871E-01	15
161	-16.000	0.12207E-01	15
162	-16.100	0.12523E-01	15
163	-16.200	0.12807E-01	15
164	-16.300	0.13046E-01	15
165	-16.400	0.13231E-01	15
166	-16.500	0.13353E-01	15
167	-16.600	0.13405E-01	15
168	-16.700	0.13381E-01	15
169	-16.800	0.13276E-01	15
170	-16.900	0.13087E-01	15
171	-17.000	0.12813E-01	15
172	-17.100	0.12454E-01	15
173	-17.200	0.12010E-01	15
174	-17.300	0.11485E-01	15
175	-17.400	0.10883E-01	15
176	-17.500	0.10209E-01	15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
177	-17.600	0.94722E-02	15
178	-17.700	0.86801E-02	15
179	-17.800	0.78439E-02	15
180	-17.900	0.69756E-02	15
181	-18.000	0.60893E-02	15
182	-18.100	0.52002E-02	15
183	-18.200	0.43257E-02	15
184	-18.300	0.34845E-02	15
185	-18.400	0.26973E-02	15
186	-18.500	0.19863E-02	15
187	-18.600	0.13733E-02	15
188	-18.700	0.87143E-03	15
189	-18.800	0.48225E-03	15
190	-18.900	0.19815E-03	15
191	-19.000	-0.37700E-04	14
192	-19.100	-0.11383E-03	15
193	-19.200	-0.17620E-03	15
194	-19.300	-0.19798E-03	15
195	-19.400	-0.19283E-03	15
196	-19.500	-0.17163E-03	15
197	-19.600	-0.14258E-03	15
198	-19.700	-0.11142E-03	15
199	-19.800	-0.81887E-04	15
200	-19.900	-0.56116E-04	15
201	-20.000	-0.35064E-04	15
202	-20.100	-0.18879E-04	15
203	-20.200	-0.71964E-05	15
204	-20.300	0.19454E-05	14
205	-20.400	0.53503E-05	15
206	-20.500	0.77275E-05	15
207	-20.600	0.84459E-05	15
208	-20.700	0.80825E-05	15
209	-20.800	0.70930E-05	15
210	-20.900	0.58147E-05	15
211	-21.000	0.44813E-05	15
212	-21.100	0.32407E-05	15
213	-21.200	0.21745E-05	15
214	-21.300	0.13157E-05	15
215	-21.400	0.66508E-06	15
216	-21.500	0.20333E-06	15
217	-21.600	-0.11644E-06	14
218	-21.700	-0.27556E-06	15
219	-21.800	-0.35799E-06	15
220	-21.900	-0.37508E-06	15
221	-22.000	-0.35048E-06	15
222	-22.100	-0.30261E-06	15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
223	-22.200	-0.24494E-06	15
224	-22.300	-0.18665E-06	15
225	-22.400	-0.13345E-06	15
226	-22.500	-0.88332E-07	15
227	-22.600	-0.52407E-07	15
228	-22.700	-0.25485E-07	15
229	-22.800	-0.66111E-08	15
230	-22.900	0.55515E-08	15
231	-23.000	0.12456E-07	15
232	-23.100	0.15490E-07	15
233	-23.200	0.15873E-07	15
234	-23.300	0.14599E-07	15
235	-23.400	0.12435E-07	15
236	-23.500	0.99310E-08	15
237	-23.600	0.74578E-08	15
238	-23.700	0.52376E-08	15
239	-23.800	0.33825E-08	15
240	-23.900	0.19261E-08	15
241	-24.000	0.85130E-09	15
242	-24.100	0.11152E-09	15
243	-24.200	-0.35323E-09	15
244	-24.300	-0.60569E-09	15
245	-24.400	-0.70439E-09	15
246	-24.500	-0.69966E-09	15
247	-24.600	-0.63201E-09	15
248	-24.700	-0.53216E-09	15
249	-24.800	-0.42186E-09	15
250	-24.900	-0.31533E-09	15
251	-25.000	-0.22073E-09	15
252	-25.100	-0.14172E-09	15
253	-25.200	-0.78783E-10	15
254	-25.300	-0.30315E-10	15
255	-25.400	0.87278E-11	14
256	-25.500	0.34648E-10	15
257	-25.600	0.57500E-10	15
258	-25.700	0.77635E-10	15
259	-25.800	0.96863E-10	15

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 15
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.2487E-12	0.1972E-12	0.6763E-01
	B	-0.1000	0.6763E-02	0.2913E-12	0.6763E-01
2	A	-0.1000	0.6763E-02	0.2398E-12	0.1917
	B	-0.2000	0.2593E-01	0.1776E-13	0.1917
3	A	-0.2000	0.2593E-01	0.4441E-13	0.3178
	B	-0.3000	0.5771E-01	0.5933E-12	0.3178
4	A	-0.3000	0.5771E-01	0.	0.4568
	B	-0.4000	0.1034	0.	0.4568
5	A	-0.4000	0.1034	0.1279E-12	0.6109
	B	-0.5000	0.1645	0.7105E-14	0.6109
6	A	-0.5000	0.1645	0.	0.7766
	B	-0.6000	0.2422	0.4796E-12	0.7766
7	A	-0.6000	0.2422	0.5738E-12	0.9485
	B	-0.7000	0.3370	0.6715E-12	0.9485
8	A	-0.7000	0.3370	0.7159E-12	1.118
	B	-0.8000	0.4488	0.1297E-11	1.118
9	A	-0.8000	0.4488	0.1085E-11	1.283
	B	-0.9000	0.5771	0.1922E-11	1.283
10	A	-0.9000	0.5771	0.1783E-11	1.462
	B	-1.000	0.7233	0.2004E-11	1.462
11	A	-1.000	0.7233	0.2220E-11	1.639
	B	-1.100	0.8872	0.2608E-11	1.639
12	A	-1.100	0.8872	0.2721E-11	1.788
	B	-1.200	1.066	0.3084E-11	1.788
13	A	-1.200	1.066	0.2943E-11	1.880
	B	-1.300	1.254	0.3435E-11	1.880
14	A	-1.300	1.254	0.3423E-11	1.880
	B	-1.400	1.442	0.3840E-11	1.880
15	A	-1.400	1.442	0.3942E-11	1.880
	B	-1.500	1.630	0.4281E-11	1.880
16	A	-1.500	1.630	0.4160E-11	1.880
	B	-1.600	1.818	0.4640E-11	1.880
17	A	-1.600	1.818	0.4860E-11	1.880
	B	-1.700	2.006	0.4945E-11	1.880

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	2.006	0.5111E-11	1.880
	B	-1.800	2.194	0.5468E-11	1.880
19	A	-1.800	2.194	0.5549E-11	1.880
	B	-1.900	2.382	0.5954E-11	1.880
20	A	-1.900	2.382	0.5960E-11	1.880
	B	-2.000	2.570	0.6498E-11	1.880
21	A	-2.000	2.570	0.6592E-11	1.880
	B	-2.100	2.758	0.6825E-11	1.880
22	A	-2.100	2.758	0.6875E-11	1.880
	B	-2.200	2.946	0.7283E-11	1.880
23	A	-2.200	2.946	0.7212E-11	1.880
	B	-2.300	3.134	0.2026E-03	1.880
24	A	-2.300	3.134	0.2026E-03	1.935
	B	-2.400	3.327	0.4894E-03	1.935
25	A	-2.400	3.327	0.4894E-03	2.048
	B	-2.500	3.532	0.7763E-03	2.048
26	A	-2.500	3.532	0.7763E-03	2.219
	B	-2.600	3.754	0.1063E-02	2.219
27	A	-2.600	3.754	0.1063E-02	2.447
	B	-2.700	3.999	0.1350E-02	2.447
28	A	-2.700	3.999	0.1350E-02	2.733
	B	-2.800	4.272	0.1637E-02	2.733
29	A	-2.800	4.272	0.1637E-02	3.077
	B	-2.900	4.580	0.1924E-02	3.077
30	A	-2.900	4.580	0.1924E-02	3.478
	B	-3.000	4.927	0.2211E-02	3.478
31	A	-3.000	4.927	0.2211E-02	11.67
	B	-3.100	3.760	0.2702E-02	11.67
32	A	-3.100	3.760	0.2702E-02	11.16
	B	-3.200	2.644	0.3193E-02	11.16
33	A	-3.200	2.644	0.3193E-02	10.58
	B	-3.300	1.680	0.	10.58
34	A	-3.300	1.680	0.	9.952
	B	-3.400	1.270	0.	9.952
35	A	-3.400	1.270	0.	9.263
	B	-3.500	0.8706	0.3357	9.263
36	A	-3.500	0.8706	0.3357	8.516
	B	-3.600	0.8408	1.187	8.516
37	A	-3.600	0.8408	1.187	7.711
	B	-3.700	0.8870	1.958	7.711
38	A	-3.700	0.8870	1.958	6.849
	B	-3.800	0.8397	2.643	6.849
39	A	-3.800	0.8397	2.643	5.930
	B	-3.900	0.7385	3.236	5.930
40	A	-3.900	0.7385	3.236	4.950
	B	-4.000	0.6130	3.731	4.950

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.6130	3.731	3.907
	B	-4.100	0.4841	4.122	3.907
42	A	-4.100	0.4841	4.122	2.899
	B	-4.200	0.3632	4.402	2.899
43	A	-4.200	0.3632	4.402	2.449
	B	-4.300	0.2568	4.567	2.449
44	A	-4.300	0.2568	4.567	1.957
	B	-4.400	0.1683	4.609	1.957
45	A	-4.400	0.1683	4.609	1.422
	B	-4.500	0.9814E-01	4.524	1.422
46	A	-4.500	0.9814E-01	4.524	2.171
	B	-4.600	0.4546E-01	4.307	2.171
47	A	-4.600	0.4546E-01	4.307	3.552
	B	-4.700	0.8167E-02	3.952	3.552
48	A	-4.700	0.8167E-02	3.952	4.990
	B	-4.800	0.	3.696	4.990
49	A	-4.800	0.	3.696	6.486
	B	-4.900	0.	3.581	6.486
50	A	-4.900	0.	3.581	8.039
	B	-5.000	0.	3.392	8.039
51	A	-5.000	0.	3.392	9.650
	B	-5.100	0.	3.123	9.650
52	A	-5.100	0.	3.123	11.32
	B	-5.200	0.9653E-01	2.771	11.32
53	A	-5.200	0.9653E-01	2.771	13.04
	B	-5.300	1.401	2.330	13.04
54	A	-5.300	1.401	2.330	14.83
	B	-5.400	2.884	1.798	14.83
55	A	-5.400	2.884	1.798	16.67
	B	-5.500	4.551	1.170	16.67
56	A	-5.500	4.551	1.170	21.65
	B	-5.600	2.386	0.4405	21.65
57	A	-5.600	2.386	0.4405	19.69
	B	-5.700	0.4170	0.6668	19.69
58	A	-5.700	0.4170	0.6668	17.68
	B	-5.800	1.337	1.700	17.68
59	A	-5.800	1.337	1.700	15.60
	B	-5.900	2.394	2.911	15.60
60	A	-5.900	2.394	2.911	13.48
	B	-6.000	3.569	4.259	13.48
61	A	-6.000	3.569	4.259	11.29
	B	-6.100	4.116	5.387	11.29
62	A	-6.100	4.116	5.387	9.044
	B	-6.200	4.208	6.292	9.044
63	A	-6.200	4.208	6.292	6.742
	B	-6.300	3.990	6.966	6.742

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	3.990	6.966	4.383
	B	-6.400	3.577	7.404	4.383
65	A	-6.400	3.577	7.404	5.190
	B	-6.500	3.058	7.601	5.190
66	A	-6.500	3.058	7.601	5.579
	B	-6.600	2.500	7.550	5.579
67	A	-6.600	2.500	7.550	5.538
	B	-6.700	1.946	7.246	5.538
68	A	-6.700	1.946	7.246	5.631
	B	-6.800	1.417	6.683	5.631
69	A	-6.800	1.417	6.683	8.279
	B	-6.900	0.9235	5.855	8.279
70	A	-6.900	0.9235	5.855	10.98
	B	-7.000	0.4677	4.756	10.98
71	A	-7.000	0.4677	4.756	10.98
	B	-7.100	0.1511	3.658	10.98
72	A	-7.100	0.1511	3.658	10.98
	B	-7.200	0.1466E-03	2.793	10.98
73	A	-7.200	0.1466E-03	2.793	10.98
	B	-7.300	0.4328E-04	2.181	10.98
74	A	-7.300	0.4328E-04	2.181	10.98
	B	-7.400	0.	1.569	10.98
75	A	-7.400	0.	1.569	10.98
	B	-7.500	0.7357	0.9571	10.98
76	A	-7.500	0.7357	0.9571	10.98
	B	-7.600	1.834	0.3449	10.98
77	A	-7.600	1.834	0.3449	10.98
	B	-7.700	2.932	0.1475	10.98
78	A	-7.700	2.932	0.1475	10.98
	B	-7.800	4.031	0.1102	10.98
79	A	-7.800	4.031	0.1102	10.98
	B	-7.900	5.129	0.7600E-01	10.98
80	A	-7.900	5.129	0.7600E-01	10.98
	B	-8.000	6.228	0.4742E-01	10.98
81	A	-8.000	6.228	0.4742E-01	6.122
	B	-8.100	6.046	0.2546E-01	6.122
82	A	-8.100	6.046	0.2546E-01	6.122
	B	-8.200	5.864	0.9942E-02	6.122
83	A	-8.200	5.864	0.9942E-02	6.122
	B	-8.300	5.682	0.1759E-05	6.122
84	A	-8.300	5.682	0.1759E-05	7.401
	B	-8.400	5.500	0.	7.401
85	A	-8.400	5.500	0.	14.14
	B	-8.500	6.095	0.	14.14
86	A	-8.500	6.095	0.	2.593
	B	-8.600	6.278	0.	2.593

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	6.278	0.	5.652
	B	-8.700	5.713	0.	5.652
88	A	-8.700	5.713	0.	9.362
	B	-8.800	4.776	0.	9.362
89	A	-8.800	4.776	0.	10.43
	B	-8.900	4.589	0.	10.43
90	A	-8.900	4.589	0.	9.915
	B	-9.000	4.407	0.	9.915
91	A	-9.000	4.407	0.	8.684
	B	-9.100	4.225	0.	8.684
92	A	-9.100	4.225	0.	7.099
	B	-9.200	4.047	0.	7.099
93	A	-9.200	4.047	0.	5.438
	B	-9.300	3.880	0.	5.438
94	A	-9.300	3.880	0.	3.896
	B	-9.400	3.731	0.1318	3.896
95	A	-9.400	3.731	0.1318	2.603
	B	-9.500	3.607	0.3911	2.603
96	A	-9.500	3.607	0.3911	2.600
	B	-9.600	3.516	0.6511	2.600
97	A	-9.600	3.516	0.6511	2.596
	B	-9.700	3.463	0.9107	2.596
98	A	-9.700	3.463	0.9107	2.591
	B	-9.800	3.457	1.170	2.591
99	A	-9.800	3.457	1.170	2.587
	B	-9.900	3.504	1.429	2.587
100	A	-9.900	3.504	1.429	2.584
	B	-10.00	3.607	1.687	2.584
101	A	-10.00	3.607	1.687	2.581
	B	-10.10	3.777	1.945	2.581
102	A	-10.10	3.777	1.945	2.578
	B	-10.20	4.022	2.202	2.578
103	A	-10.20	4.022	2.202	3.284
	B	-10.30	4.350	2.460	3.284
104	A	-10.30	4.350	2.460	4.195
	B	-10.40	4.770	2.717	4.195
105	A	-10.40	4.770	2.717	5.179
	B	-10.50	5.288	2.974	5.179
106	A	-10.50	5.288	2.974	15.53
	B	-10.60	3.734	3.164	15.53
107	A	-10.60	3.734	3.164	14.41
	B	-10.70	2.293	3.021	14.41
108	A	-10.70	2.293	3.021	13.22
	B	-10.80	1.642	2.248	13.22
109	A	-10.80	1.642	2.248	17.35
	B	-10.90	1.368	0.5128	17.35

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	1.368	0.5128	30.52
	B	-11.00	2.539	1.292	30.52
111	A	-11.00	2.539	1.292	16.23
	B	-11.10	4.161	2.220	16.23
112	A	-11.10	4.161	2.220	7.835
	B	-11.20	4.758	3.003	7.835
113	A	-11.20	4.758	3.003	6.316
	B	-11.30	4.673	3.635	6.316
114	A	-11.30	4.673	3.635	4.963
	B	-11.40	4.181	4.108	4.963
115	A	-11.40	4.181	4.108	6.909
	B	-11.50	3.490	4.414	6.909
116	A	-11.50	3.490	4.414	7.429
	B	-11.60	2.747	4.548	7.429
117	A	-11.60	2.747	4.548	7.062
	B	-11.70	2.041	4.501	7.062
118	A	-11.70	2.041	4.501	6.207
	B	-11.80	1.420	4.267	6.207
119	A	-11.80	1.420	4.267	5.124
	B	-11.90	0.9080	4.506	5.124
120	A	-11.90	0.9080	4.506	6.293
	B	-12.00	0.5086	4.743	6.293
121	A	-12.00	0.5086	4.743	8.376
	B	-12.10	0.3159	4.918	8.376
122	A	-12.10	0.3159	4.918	10.53
	B	-12.20	0.5445	5.025	10.53
123	A	-12.20	0.5445	5.025	12.75
	B	-12.30	0.8454	5.060	12.75
124	A	-12.30	0.8454	5.060	15.05
	B	-12.40	1.461	5.018	15.05
125	A	-12.40	1.461	5.018	17.41
	B	-12.50	3.203	4.893	17.41
126	A	-12.50	3.203	4.893	19.85
	B	-12.60	5.188	4.679	19.85
127	A	-12.60	5.188	4.679	22.36
	B	-12.70	7.423	4.372	22.36
128	A	-12.70	7.423	4.372	24.93
	B	-12.80	9.916	3.966	24.93
129	A	-12.80	9.916	3.966	27.58
	B	-12.90	12.67	3.456	27.58
130	A	-12.90	12.67	3.456	30.30
	B	-13.00	15.70	2.836	30.30
131	A	-13.00	15.70	2.836	37.99
	B	-13.10	11.91	2.102	37.99
132	A	-13.10	11.91	2.102	35.13
	B	-13.20	8.392	1.248	35.13

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	8.392	1.248	32.20
	B	-13.30	5.172	0.6844	32.20
134	A	-13.30	5.172	0.6844	29.19
	B	-13.40	2.253	2.466	29.19
135	A	-13.40	2.253	2.466	36.97
	B	-13.50	5.937	4.111	36.97
136	A	-13.50	5.937	4.111	22.91
	B	-13.60	7.706	5.615	22.91
137	A	-13.60	7.706	5.615	19.64
	B	-13.70	8.115	6.973	19.64
138	A	-13.70	8.115	6.973	16.29
	B	-13.80	7.648	8.179	16.29
139	A	-13.80	7.648	8.179	12.87
	B	-13.90	6.683	9.228	12.87
140	A	-13.90	6.683	9.228	11.81
	B	-14.00	5.502	10.11	11.81
141	A	-14.00	5.502	10.11	12.01
	B	-14.10	4.301	10.83	12.01
142	A	-14.10	4.301	10.83	11.19
	B	-14.20	3.182	11.38	11.19
143	A	-14.20	3.182	11.38	9.734
	B	-14.30	2.208	11.75	9.734
144	A	-14.30	2.208	11.75	8.001
	B	-14.40	1.408	11.93	8.001
145	A	-14.40	1.408	11.93	8.922
	B	-14.50	0.7847	11.93	8.922
146	A	-14.50	0.7847	11.93	12.77
	B	-14.60	0.3246	11.73	12.77
147	A	-14.60	0.3246	11.73	16.68
	B	-14.70	0.6495E-02	11.33	16.68
148	A	-14.70	0.6495E-02	11.33	20.67
	B	-14.80	0.4427E-04	10.73	20.67
149	A	-14.80	0.4427E-04	10.73	24.72
	B	-14.90	0.5546E-14	9.920	24.72
150	A	-14.90	0.5546E-14	9.920	28.85
	B	-15.00	2.655	8.893	28.85
151	A	-15.00	2.655	8.893	33.05
	B	-15.10	5.960	7.646	33.05
152	A	-15.10	5.960	7.646	37.32
	B	-15.20	9.692	6.173	37.32
153	A	-15.20	9.692	6.173	41.65
	B	-15.30	13.86	4.468	41.65
154	A	-15.30	13.86	4.468	46.06
	B	-15.40	18.46	2.526	46.06
155	A	-15.40	18.46	2.526	50.54
	B	-15.50	23.52	0.3416	50.54

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	23.52	0.3416	71.78
	B	-15.60	16.34	0.1226	71.78
157	A	-15.60	16.34	0.1226	67.15
	B	-15.70	9.625	0.8251E-01	67.15
158	A	-15.70	9.625	0.8251E-01	62.46
	B	-15.80	7.718	0.5025E-01	62.46
159	A	-15.80	7.718	0.5025E-01	57.70
	B	-15.90	10.92	2.905	57.70
160	A	-15.90	10.92	2.905	52.87
	B	-16.00	15.16	7.679	52.87
161	A	-16.00	15.16	7.679	47.97
	B	-16.10	16.50	12.48	47.97
162	A	-16.10	16.50	12.48	43.00
	B	-16.20	15.82	16.78	43.00
163	A	-16.20	15.82	16.78	37.95
	B	-16.30	13.94	20.57	37.95
164	A	-16.30	13.94	20.57	32.84
	B	-16.40	11.52	23.86	32.84
165	A	-16.40	11.52	23.86	27.66
	B	-16.50	9.011	26.62	27.66
166	A	-16.50	9.011	26.62	23.43
	B	-16.60	6.669	28.86	23.43
167	A	-16.60	6.669	28.86	20.47
	B	-16.70	4.622	30.57	20.47
168	A	-16.70	4.622	30.57	16.83
	B	-16.80	2.939	31.74	16.83
169	A	-16.80	2.939	31.74	13.09
	B	-16.90	1.630	32.36	13.09
170	A	-16.90	1.630	32.36	9.604
	B	-17.00	0.6696	32.43	9.604
171	A	-17.00	0.6696	32.43	6.588
	B	-17.10	0.1080E-01	31.93	6.588
172	A	-17.10	0.1080E-01	31.93	10.60
	B	-17.20	0.1476E-02	30.87	10.60
173	A	-17.20	0.1476E-02	30.87	16.35
	B	-17.30	0.6280E-03	29.24	16.35
174	A	-17.30	0.6280E-03	29.24	22.17
	B	-17.40	0.3927E-04	27.02	22.17
175	A	-17.40	0.3927E-04	27.02	28.06
	B	-17.50	0.9377E-13	24.22	28.06
176	A	-17.50	0.9377E-13	24.22	34.02
	B	-17.60	0.9199E-13	20.81	34.02
177	A	-17.60	0.9199E-13	20.81	40.05
	B	-17.70	0.7891E-13	16.81	40.05
178	A	-17.70	0.7891E-13	16.81	46.15
	B	-17.80	0.6237E-13	12.20	46.15

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
179	A	-17.80	0.6237E-13	12.20	52.32
	B	-17.90	0.4594E-13	6.964	52.32
180	A	-17.90	0.4594E-13	6.964	58.56
	B	-18.00	0.8457	1.108	58.56
181	A	-18.00	0.8457	1.108	64.87
	B	-18.10	5.379	0.1480	64.87
182	A	-18.10	5.379	0.1480	71.25
	B	-18.20	12.50	0.8613E-01	71.25
183	A	-18.20	12.50	0.8613E-01	77.70
	B	-18.30	20.27	0.4007E-01	77.70
184	A	-18.30	20.27	0.4007E-01	84.23
	B	-18.40	28.70	0.7971E-02	84.23
185	A	-18.40	28.70	0.7971E-02	90.82
	B	-18.50	37.78	0.9360E-04	90.82
186	A	-18.50	37.78	0.9360E-04	49.18
	B	-18.60	42.70	0.4841E-04	49.18
187	A	-18.60	42.70	0.4841E-04	8.080
	B	-18.70	43.21	0.1601E-04	8.080
188	A	-18.70	43.21	0.1601E-04	30.85
	B	-18.80	40.13	0.2826E-14	30.85
189	A	-18.80	40.13	0.2826E-14	55.12
	B	-18.90	34.61	0.2802E-14	55.12
190	A	-18.90	34.61	0.2802E-14	66.18
	B	-19.00	28.00	0.2626E-14	66.18
191	A	-19.00	28.00	0.2626E-14	66.96
	B	-19.10	21.30	0.2458E-14	66.96
192	A	-19.10	21.30	0.2458E-14	61.17
	B	-19.20	15.18	0.2213E-14	61.17
193	A	-19.20	15.18	0.2213E-14	51.79
	B	-19.30	10.00	0.3417E-12	51.79
194	A	-19.30	10.00	0.3417E-12	41.14
	B	-19.40	5.891	0.1870E-11	41.14
195	A	-19.40	5.891	0.1870E-11	30.75
	B	-19.50	2.816	0.2605E-11	30.75
196	A	-19.50	2.816	0.2605E-11	21.50
	B	-19.60	0.6666	0.6455E-01	21.50
197	A	-19.60	0.6666	0.6455E-01	13.81
	B	-19.70	0.5471E-03	0.7145	13.81
198	A	-19.70	0.5471E-03	0.7145	7.806
	B	-19.80	0.4865E-05	1.495	7.806
199	A	-19.80	0.4865E-05	1.495	3.392
	B	-19.90	0.2757E-05	1.834	3.392
200	A	-19.90	0.2757E-05	1.834	0.4281
	B	-20.00	0.1194E-05	1.871	0.4281
201	A	-20.00	0.1194E-05	1.871	1.522
	B	-20.10	0.1047E-06	1.719	1.522

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
202	A	-20.10	0.1047E-06	1.719	2.540
	B	-20.20	0.2411E-15	1.465	2.540
203	A	-20.20	0.2411E-15	1.465	2.927
	B	-20.30	0.2435E-15	1.172	2.927
204	A	-20.30	0.2435E-15	1.172	2.905
	B	-20.40	0.2557E-15	0.8817	2.905
205	A	-20.40	0.2557E-15	0.8817	2.618
	B	-20.50	0.2463E-15	0.6199	2.618
206	A	-20.50	0.2463E-15	0.6199	2.189
	B	-20.60	0.6099E-13	0.4010	2.189
207	A	-20.60	0.6099E-13	0.4010	1.718
	B	-20.70	0.1000E-12	0.2292	1.718
208	A	-20.70	0.1000E-12	0.2292	1.267
	B	-20.80	0.1108E-12	0.1025	1.267
209	A	-20.80	0.1108E-12	0.1025	0.8711
	B	-20.90	0.8685E-02	0.1542E-01	0.8711
210	A	-20.90	0.8685E-02	0.1542E-01	0.5466
	B	-21.00	0.3924E-01	0.3995E-04	0.5466
211	A	-21.00	0.3924E-01	0.3995E-04	0.2966
	B	-21.10	0.6890E-01	0.2825E-06	0.2966
212	A	-21.10	0.6890E-01	0.2825E-06	0.1157
	B	-21.20	0.8047E-01	0.1733E-06	0.1157
213	A	-21.20	0.8047E-01	0.1733E-06	0.2795E-01
	B	-21.30	0.7991E-01	0.8996E-07	0.2795E-01
214	A	-21.30	0.7991E-01	0.8996E-07	0.7902E-01
	B	-21.40	0.7200E-01	0.3013E-07	0.7902E-01
215	A	-21.40	0.7200E-01	0.3013E-07	0.1161
	B	-21.50	0.6039E-01	0.2015E-16	0.1161
216	A	-21.50	0.6039E-01	0.2015E-16	0.1279
	B	-21.60	0.4760E-01	0.2283E-16	0.1279
217	A	-21.60	0.4760E-01	0.2283E-16	0.1233
	B	-21.70	0.3527E-01	0.2388E-16	0.1233
218	A	-21.70	0.3527E-01	0.2388E-16	0.1089
	B	-21.80	0.2438E-01	0.2262E-16	0.1089
219	A	-21.80	0.2438E-01	0.2262E-16	0.8961E-01
	B	-21.90	0.1542E-01	0.3420E-15	0.8961E-01
220	A	-21.90	0.1542E-01	0.3420E-15	0.6939E-01
	B	-22.00	0.8481E-02	0.2067E-14	0.6939E-01
221	A	-22.00	0.8481E-02	0.2067E-14	0.5050E-01
	B	-22.10	0.3431E-02	0.3175E-14	0.5050E-01
222	A	-22.10	0.3431E-02	0.3175E-14	0.3419E-01
	B	-22.20	0.1238E-04	0.6634E-03	0.3419E-01
223	A	-22.20	0.1238E-04	0.6634E-03	0.2099E-01
	B	-22.30	0.2140E-05	0.2086E-02	0.2099E-01
224	A	-22.30	0.2140E-05	0.2086E-02	0.1093E-01
	B	-22.40	0.1395E-07	0.3179E-02	0.1093E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
225	A	-22.40	0.1395E-07	0.3179E-02	0.3736E-02
	B	-22.50	0.8987E-08	0.3553E-02	0.3736E-02
226	A	-22.50	0.8987E-08	0.3553E-02	0.1532E-02
	B	-22.60	0.5098E-08	0.3450E-02	0.1532E-02
227	A	-22.60	0.5098E-08	0.3450E-02	0.3849E-02
	B	-22.70	0.2213E-08	0.3065E-02	0.3849E-02
228	A	-22.70	0.2213E-08	0.3065E-02	0.5223E-02
	B	-22.80	0.2024E-09	0.2543E-02	0.5223E-02
229	A	-22.80	0.2024E-09	0.2543E-02	0.5601E-02
	B	-22.90	0.2107E-17	0.1983E-02	0.5601E-02
230	A	-22.90	0.2107E-17	0.1983E-02	0.5318E-02
	B	-23.00	0.2010E-17	0.1451E-02	0.5318E-02
231	A	-23.00	0.2010E-17	0.1451E-02	0.4631E-02
	B	-23.10	0.1762E-17	0.9881E-03	0.4631E-02
232	A	-23.10	0.1762E-17	0.9881E-03	0.3767E-02
	B	-23.20	0.1435E-17	0.6114E-03	0.3767E-02
233	A	-23.20	0.1435E-17	0.6114E-03	0.2881E-02
	B	-23.30	0.1087E-17	0.3232E-03	0.2881E-02
234	A	-23.30	0.1087E-17	0.3232E-03	0.2067E-02
	B	-23.40	0.7557E-18	0.1166E-03	0.2067E-02
235	A	-23.40	0.7557E-18	0.1166E-03	0.1373E-02
	B	-23.50	0.3781E-04	0.2768E-06	0.1373E-02
236	A	-23.50	0.3781E-04	0.2768E-06	0.8187E-03
	B	-23.60	0.1026E-03	0.1271E-06	0.8187E-03
237	A	-23.60	0.1026E-03	0.1271E-06	0.4025E-03
	B	-23.70	0.1428E-03	0.2301E-07	0.4025E-03
238	A	-23.70	0.1428E-03	0.2301E-07	0.1103E-03
	B	-23.80	0.1539E-03	0.5223E-09	0.1103E-03
239	A	-23.80	0.1539E-03	0.5223E-09	0.8091E-04
	B	-23.90	0.1460E-03	0.3203E-09	0.8091E-04
240	A	-23.90	0.1460E-03	0.3203E-09	0.1859E-03
	B	-24.00	0.1274E-03	0.1662E-09	0.1859E-03
241	A	-24.00	0.1274E-03	0.1662E-09	0.2334E-03
	B	-24.10	0.1041E-03	0.5562E-10	0.2334E-03
242	A	-24.10	0.1041E-03	0.5562E-10	0.2415E-03
	B	-24.20	0.7995E-04	0.1621E-18	0.2415E-03
243	A	-24.20	0.7995E-04	0.1621E-18	0.2237E-03
	B	-24.30	0.5758E-04	0.1379E-18	0.2237E-03
244	A	-24.30	0.5758E-04	0.1379E-18	0.1911E-03
	B	-24.40	0.3847E-04	0.1087E-18	0.1911E-03
245	A	-24.40	0.3847E-04	0.1087E-18	0.1532E-03
	B	-24.50	0.2315E-04	0.7916E-19	0.1532E-03
246	A	-24.50	0.2315E-04	0.7916E-19	0.1154E-03
	B	-24.60	0.1161E-04	0.5231E-19	0.1154E-03
247	A	-24.60	0.1161E-04	0.5231E-19	0.8138E-04
	B	-24.70	0.3469E-05	0.2987E-19	0.8138E-04

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
248	A	-24.70	0.3469E-05	0.2987E-19	0.5269E-04
	B	-24.80	0.1308E-07	0.2012E-05	0.5269E-04
249	A	-24.80	0.1308E-07	0.2012E-05	0.2996E-04
	B	-24.90	0.6626E-08	0.4796E-05	0.2996E-04
250	A	-24.90	0.6626E-08	0.4796E-05	0.1296E-04
	B	-25.00	0.2159E-08	0.6092E-05	0.1296E-04
251	A	-25.00	0.2159E-08	0.6092E-05	0.1378E-05
	B	-25.10	0.2637E-10	0.6199E-05	0.1378E-05
252	A	-25.10	0.2637E-10	0.6199E-05	0.6571E-05
	B	-25.20	0.1748E-10	0.5542E-05	0.6571E-05
253	A	-25.20	0.1748E-10	0.5542E-05	0.1082E-04
	B	-25.30	0.1068E-10	0.4460E-05	0.1082E-04
254	A	-25.30	0.1068E-10	0.4460E-05	0.1245E-04
	B	-25.40	0.5829E-11	0.3215E-05	0.1245E-04
255	A	-25.40	0.5829E-11	0.3215E-05	0.1217E-04
	B	-25.50	0.2680E-11	0.1998E-05	0.1217E-04
256	A	-25.50	0.2680E-11	0.1998E-05	0.1024E-04
	B	-25.60	0.9015E-12	0.9737E-06	0.1024E-04
257	A	-25.60	0.9015E-12	0.9737E-06	0.7034E-05
	B	-25.70	0.1347E-12	0.2702E-06	0.7034E-05
258	A	-25.70	0.1347E-12	0.2702E-06	0.2702E-05
	B	-25.80	0.1525E-19	0.3388E-20	0.2702E-05

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE	chiodo_1	1	PARETE	LeftWall	QUOTA	-3.0000
		FASE	1	inattivo		
		FASE	2	inattivo		
		FASE	3	FORZA	0.21760E-02	kN/m
		FASE	4	FORZA	6.4365	kN/m
		FASE	5	FORZA	6.4366	kN/m
		FASE	6	FORZA	6.6028	kN/m
		FASE	7	FORZA	6.6028	kN/m
		FASE	8	FORZA	6.6298	kN/m
		FASE	9	FORZA	6.6298	kN/m
		FASE	10	FORZA	6.6298	kN/m
		FASE	11	FORZA	6.6298	kN/m
		FASE	12	FORZA	6.6298	kN/m
		FASE	13	FORZA	6.6298	kN/m
		FASE	14	FORZA	6.6298	kN/m
		FASE	15	FORZA	16.612	kN/m
TIRANTE	chiodo_2	1	PARETE	LeftWall	QUOTA	-5.5000
		FASE	1	inattivo		
		FASE	2	inattivo		
		FASE	3	inattivo		
		FASE	4	inattivo		
		FASE	5	FORZA	-0.37540E-06	kN/m
		FASE	6	FORZA	21.939	kN/m
		FASE	7	FORZA	21.939	kN/m
		FASE	8	FORZA	21.930	kN/m
		FASE	9	FORZA	21.932	kN/m
		FASE	10	FORZA	21.961	kN/m
		FASE	11	FORZA	21.961	kN/m
		FASE	12	FORZA	21.961	kN/m
		FASE	13	FORZA	21.961	kN/m
		FASE	14	FORZA	21.961	kN/m
		FASE	15	FORZA	42.794	kN/m
TIRANTE	chiodo_3	1	PARETE	LeftWall	QUOTA	-8.0000
		FASE	1	inattivo		
		FASE	2	inattivo		
		FASE	3	inattivo		
		FASE	4	inattivo		
		FASE	5	inattivo		
		FASE	6	inattivo		
		FASE	7	FORZA	0.13451E-02	kN/m
		FASE	8	FORZA	9.7570	kN/m
		FASE	9	FORZA	9.7572	kN/m

FASE 10 FORZA 9.9023 kN/m
FASE 11 FORZA 9.9023 kN/m
FASE 12 FORZA 9.9008 kN/m
FASE 13 FORZA 9.9008 kN/m
FASE 14 FORZA 9.9009 kN/m
FASE 15 FORZA 13.626 kN/m

TIRANTE chiodo_4 1 PARETE LeftWall QUOTA -10.500
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 FORZA -0.88985E-04 kN/m
FASE 10 FORZA 8.0636 kN/m
FASE 11 FORZA 8.0636 kN/m
FASE 12 FORZA 7.9357 kN/m
FASE 13 FORZA 7.9365 kN/m
FASE 14 FORZA 7.9479 kN/m
FASE 15 FORZA 26.573 kN/m

TIRANTE chiodo_5 1 PARETE LeftWall QUOTA -13.000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 inattivo
FASE 10 inattivo
FASE 11 FORZA 0.10571E-05 kN/m
FASE 12 FORZA 39.399 kN/m
FASE 13 FORZA 39.399 kN/m
FASE 14 FORZA 39.601 kN/m
FASE 15 FORZA 86.763 kN/m

TIRANTE chiodo_6 1 PARETE LeftWall QUOTA -15.500
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo

FASE 6	inattivo		
FASE 7	inattivo		
FASE 8	inattivo		
FASE 9	inattivo		
FASE 10	inattivo		
FASE 11	inattivo		
FASE 12	inattivo		
FASE 13	FORZA	0.32793E-03	kN/m
FASE 14	FORZA	82.400	kN/m
FASE 15	FORZA	154.88	kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 15
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	1.353	45.00	0.	0.
2	-0.1000	1.241	46.20	0.	0.
3	-0.2000	2.400	47.40	0.	0.
4	-0.3000	3.600	48.60	0.	0.
5	-0.4000	4.800	49.80	0.	0.
6	-0.5000	6.000	51.00	0.	0.
7	-0.6000	7.200	52.20	0.	0.
8	-0.7000	8.400	53.40	0.	0.
9	-0.8000	9.600	54.60	0.	0.
10	-0.9000	10.80	55.80	0.	0.
11	-1.000	12.00	57.00	0.	0.
12	-1.100	13.20	58.20	0.	0.
13	-1.200	14.40	59.40	0.	0.
14	-1.300	15.60	60.60	0.	0.
15	-1.400	16.80	61.80	0.	0.
16	-1.500	18.00	63.00	0.	0.
17	-1.600	19.20	64.20	0.	0.
18	-1.700	20.40	65.40	0.	0.
19	-1.800	21.60	66.60	0.	0.
20	-1.900	22.80	67.80	0.	0.
21	-2.000	24.00	69.00	0.	0.
22	-2.100	25.20	70.20	0.	0.
23	-2.200	26.40	71.40	0.	0.
24	-2.300	27.60	72.60	0.	0.
25	-2.400	28.80	73.80	0.	0.
26	-2.500	30.00	75.00	0.	0.
27	-2.600	31.20	76.20	0.	0.
28	-2.700	32.40	77.40	0.	0.
29	-2.800	33.60	78.60	0.	0.
30	-2.900	34.80	79.80	0.	0.
31	-3.000	36.00	81.00	0.	0.
32	-3.100	37.20	82.20	0.	0.
33	-3.200	38.40	83.30	0.	0.
34	-3.300	39.60	84.28	0.	0.
35	-3.400	40.80	85.27	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	86.25	0.	0.
37	-3.600	43.20	87.24	0.	0.
38	-3.700	44.40	88.23	0.	0.
39	-3.800	45.60	89.21	0.	0.
40	-3.900	46.80	90.20	0.	0.
41	-4.000	48.00	91.18	0.	0.
42	-4.100	49.66	92.17	0.	0.
43	-4.200	51.28	93.15	0.	0.
44	-4.300	52.68	94.14	0.	0.
45	-4.400	53.92	95.12	0.	0.
46	-4.500	55.06	96.11	0.	0.
47	-4.600	56.13	97.10	0.	0.
48	-4.700	57.18	98.08	0.	0.
49	-4.800	58.22	99.07	0.	0.
50	-4.900	59.26	100.1	0.	0.
51	-5.000	60.32	101.0	0.	0.
52	-5.100	61.41	102.0	0.	0.
53	-5.200	62.52	103.0	0.	0.
54	-5.300	63.65	104.0	0.	0.
55	-5.400	64.81	105.0	0.	0.
56	-5.500	66.00	106.0	0.	0.
57	-5.600	67.20	107.0	0.	0.
58	-5.700	68.40	107.9	0.	0.
59	-5.800	69.60	108.9	0.	0.
60	-5.900	70.80	109.9	0.	0.
61	-6.000	72.00	110.9	0.	0.
62	-6.100	73.20	111.9	0.	0.
63	-6.200	74.40	112.9	0.	0.
64	-6.300	75.60	113.9	0.	0.
65	-6.400	76.80	114.8	0.	0.
66	-6.500	78.00	115.8	0.	0.
67	-6.600	79.20	116.8	0.	0.
68	-6.700	81.81	117.8	0.	0.
69	-6.800	83.73	118.8	0.	0.
70	-6.900	85.09	119.8	0.	0.
71	-7.000	176.1	129.0	0.	0.
72	-7.100	177.5	130.4	0.	0.
73	-7.200	178.7	131.7	0.	0.
74	-7.300	179.9	133.1	0.	0.
75	-7.400	181.3	134.4	0.	0.
76	-7.500	183.0	135.8	0.	0.
77	-7.600	184.9	137.1	0.	0.
78	-7.700	187.0	138.4	0.	0.
79	-7.800	189.6	139.8	0.	0.
80	-7.900	192.3	141.1	0.	0.
81	-8.000	195.0	142.5	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	197.7	143.9	0.	0.
83	-8.200	200.4	145.2	0.	0.
84	-8.300	203.1	146.6	0.	0.
85	-8.400	205.8	147.9	0.	0.
86	-8.500	208.5	149.2	0.	0.
87	-8.600	211.2	150.6	0.	0.
88	-8.700	213.9	151.9	0.	0.
89	-8.800	216.6	153.3	0.	0.
90	-8.900	221.4	154.6	0.	0.
91	-9.000	229.0	156.0	0.	0.
92	-9.100	233.9	157.4	0.	0.
93	-9.200	237.1	158.7	0.	0.
94	-9.300	239.1	160.1	0.	0.
95	-9.400	240.5	161.4	0.	0.
96	-9.500	241.6	162.8	0.	0.
97	-9.600	242.8	164.1	0.	0.
98	-9.700	244.1	165.4	0.	0.
99	-9.800	245.7	166.8	0.	0.
100	-9.900	247.4	168.1	0.	0.
101	-10.00	249.4	169.5	0.	0.
102	-10.10	251.7	170.9	0.	0.
103	-10.20	254.4	172.2	0.	0.
104	-10.30	257.1	173.6	0.	0.
105	-10.40	259.8	174.9	0.	0.
106	-10.50	262.5	176.2	0.	0.
107	-10.60	265.2	177.6	0.	0.
108	-10.70	267.9	178.9	0.	0.
109	-10.80	270.6	180.3	0.	0.
110	-10.90	273.3	181.5	0.	0.
111	-11.00	276.0	182.6	0.	0.
112	-11.10	278.7	183.6	0.	0.
113	-11.20	281.4	184.7	0.	0.
114	-11.30	284.1	185.8	0.	0.
115	-11.40	286.8	186.9	0.	0.
116	-11.50	289.5	188.0	0.	0.
117	-11.60	294.3	189.1	0.	0.
118	-11.70	299.9	190.2	0.	0.
119	-11.80	303.9	191.2	0.	0.
120	-11.90	306.9	192.3	0.	0.
121	-12.00	309.2	193.4	0.	0.
122	-12.10	311.1	194.5	0.	0.
123	-12.20	312.8	195.6	0.	0.
124	-12.30	314.5	196.7	0.	0.
125	-12.40	316.2	197.8	0.	0.
126	-12.50	318.2	198.8	0.	0.
127	-12.60	320.2	199.9	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	322.4	201.0	0.	0.
129	-12.80	324.8	202.1	0.	0.
130	-12.90	327.3	203.2	0.	0.
131	-13.00	330.0	204.3	0.	0.
132	-13.10	332.7	205.4	0.	0.
133	-13.20	335.4	206.4	0.	0.
134	-13.30	338.1	207.5	0.	0.
135	-13.40	340.8	208.6	0.	0.
136	-13.50	343.5	209.7	0.	0.
137	-13.60	346.2	210.8	0.	0.
138	-13.70	348.9	211.9	0.	0.
139	-13.80	351.6	212.9	0.	0.
140	-13.90	354.3	214.0	0.	0.
141	-14.00	357.0	215.1	0.	0.
142	-14.10	364.4	216.2	0.	0.
143	-14.20	370.7	217.3	0.	0.
144	-14.30	375.0	218.4	0.	0.
145	-14.40	377.9	219.5	0.	0.
146	-14.50	379.9	220.5	0.	0.
147	-14.60	381.3	221.6	0.	0.
148	-14.70	382.6	222.7	0.	0.
149	-14.80	383.8	223.8	0.	0.
150	-14.90	385.1	224.9	0.	0.
151	-15.00	386.6	226.0	0.	0.
152	-15.10	388.3	227.1	0.	0.
153	-15.20	390.3	228.1	0.	0.
154	-15.30	392.4	229.2	0.	0.
155	-15.40	394.8	230.3	0.	0.
156	-15.50	397.5	231.4	0.	0.
157	-15.60	400.2	232.5	0.	0.
158	-15.70	402.9	233.6	0.	0.
159	-15.80	405.6	234.7	0.	0.
160	-15.90	408.3	235.7	0.	0.
161	-16.00	411.0	236.8	0.	0.
162	-16.10	413.7	237.9	0.	0.
163	-16.20	416.4	239.0	0.	0.
164	-16.30	419.1	240.1	0.	0.
165	-16.40	421.8	241.2	0.	0.
166	-16.50	431.9	242.3	0.	0.
167	-16.60	442.4	243.3	0.	0.
168	-16.70	448.7	244.4	0.	0.
169	-16.80	451.9	245.5	0.	0.
170	-16.90	453.3	246.6	0.	0.
171	-17.00	453.6	247.7	0.	0.
172	-17.10	453.4	248.8	0.	0.
173	-17.20	453.2	249.9	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	453.2	250.9	0.	0.
175	-17.40	453.7	251.9	0.	0.
176	-17.50	454.5	253.0	0.	0.
177	-17.60	455.7	254.1	0.	0.
178	-17.70	457.3	255.2	0.	0.
179	-17.80	459.6	256.3	0.	0.
180	-17.90	462.3	257.4	0.	0.
181	-18.00	465.0	258.5	0.	0.
182	-18.10	467.7	259.6	0.	0.
183	-18.20	470.4	260.7	0.	0.
184	-18.30	473.1	261.8	0.	0.
185	-18.40	475.8	262.9	0.	0.
186	-18.50	478.5	250.9	0.	0.
187	-18.60	481.2	251.9	0.	0.
188	-18.70	483.9	200.8	0.	0.
189	-18.80	486.6	131.2	0.	0.
190	-18.90	489.3	80.43	0.	0.
191	-19.00	498.6	49.38	0.	0.
192	-19.10	518.4	45.00	0.	0.
193	-19.20	538.2	45.00	0.	0.
194	-19.30	547.1	45.00	0.	0.
195	-19.40	548.8	45.00	0.	0.
196	-19.50	546.4	45.00	0.	0.
197	-19.60	542.2	45.00	0.	0.
198	-19.70	537.5	45.00	0.	0.
199	-19.80	533.1	45.00	0.	0.
200	-19.90	529.7	45.00	0.	0.
201	-20.00	527.4	45.00	0.	0.
202	-20.10	526.2	45.00	0.	0.
203	-20.20	526.1	45.00	0.	0.
204	-20.30	527.1	45.40	0.	0.
205	-20.40	529.8	45.96	0.	0.
206	-20.50	532.5	46.38	0.	0.
207	-20.60	535.2	46.51	0.	0.
208	-20.70	537.9	46.45	0.	0.
209	-20.80	540.6	46.27	0.	0.
210	-20.90	543.3	46.04	0.	0.
211	-21.00	546.0	45.80	0.	0.
212	-21.10	548.7	45.58	0.	0.
213	-21.20	551.4	45.39	0.	0.
214	-21.30	554.1	45.24	0.	0.
215	-21.40	556.8	45.12	0.	0.
216	-21.50	559.5	45.04	0.	0.
217	-21.60	562.2	45.00	0.	0.
218	-21.70	565.0	45.00	0.	0.
219	-21.80	567.7	45.00	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
220	-21.90	570.4	45.00	0.	0.
221	-22.00	573.1	45.00	0.	0.
222	-22.10	575.8	45.00	0.	0.
223	-22.20	578.5	45.00	0.	0.
224	-22.30	581.1	45.00	0.	0.
225	-22.40	583.8	45.00	0.	0.
226	-22.50	586.5	45.00	0.	0.
227	-22.60	589.2	45.00	0.	0.
228	-22.70	591.9	45.00	0.	0.
229	-22.80	594.6	45.00	0.	0.
230	-22.90	597.3	45.00	0.	0.
231	-23.00	600.0	45.00	0.	0.
232	-23.10	602.7	45.00	0.	0.
233	-23.20	605.4	45.00	0.	0.
234	-23.30	608.1	45.00	0.	0.
235	-23.40	610.8	45.00	0.	0.
236	-23.50	613.5	45.00	0.	0.
237	-23.60	616.2	45.00	0.	0.
238	-23.70	618.9	45.00	0.	0.
239	-23.80	621.6	45.00	0.	0.
240	-23.90	624.3	45.00	0.	0.
241	-24.00	627.0	45.00	0.	0.
242	-24.10	629.7	45.00	0.	0.
243	-24.20	632.4	45.00	0.	0.
244	-24.30	635.1	45.00	0.	0.
245	-24.40	637.8	45.00	0.	0.
246	-24.50	640.5	45.00	0.	0.
247	-24.60	643.2	45.00	0.	0.
248	-24.70	645.9	45.00	0.	0.
249	-24.80	648.6	45.00	0.	0.
250	-24.90	651.3	45.00	0.	0.
251	-25.00	654.0	45.00	0.	0.
252	-25.10	656.7	45.00	0.	0.
253	-25.20	659.4	45.00	0.	0.
254	-25.30	662.1	45.00	0.	0.
255	-25.40	664.8	45.00	0.	0.
256	-25.50	667.5	45.00	0.	0.
257	-25.60	670.2	45.00	0.	0.
258	-25.70	672.9	45.00	0.	0.
259	-25.80	675.6	45.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 15
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	1.200	0.6000	0.	0.
3	-0.2000	2.400	1.200	0.	0.
4	-0.3000	3.600	1.800	0.	0.
5	-0.4000	4.800	2.400	0.	0.
6	-0.5000	6.000	3.000	0.	0.
7	-0.6000	7.200	3.600	0.	0.
8	-0.7000	8.400	4.200	0.	0.
9	-0.8000	9.600	4.800	0.	0.
10	-0.9000	10.80	5.400	0.	0.
11	-1.000	12.00	6.000	0.	0.
12	-1.100	13.20	6.600	0.	0.
13	-1.200	14.40	7.200	0.	0.
14	-1.300	15.60	7.800	0.	0.
15	-1.400	16.80	8.400	0.	0.
16	-1.500	18.00	9.000	0.	0.
17	-1.600	19.20	9.600	0.	0.
18	-1.700	20.40	10.20	0.	0.
19	-1.800	21.60	10.80	0.	0.
20	-1.900	22.80	11.40	0.	0.
21	-2.000	24.00	12.00	0.	0.
22	-2.100	25.20	12.60	0.	0.
23	-2.200	26.40	13.20	0.	0.
24	-2.300	27.60	13.80	0.	0.
25	-2.400	28.80	14.40	0.	0.
26	-2.500	30.00	15.00	0.	0.
27	-2.600	31.20	15.60	0.	0.
28	-2.700	32.40	16.20	0.	0.
29	-2.800	33.60	16.80	0.	0.
30	-2.900	34.80	17.40	0.	0.
31	-3.000	36.00	18.00	0.	0.
32	-3.100	37.20	18.60	0.	0.
33	-3.200	38.40	19.20	0.	0.
34	-3.300	39.60	19.80	0.	0.
35	-3.400	40.80	20.40	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	46.56	23.28	0.	0.
37	-3.600	46.33	21.97	0.	0.
38	-3.700	46.37	22.20	0.	0.
39	-3.800	46.66	22.80	0.	0.
40	-3.900	47.20	23.40	0.	0.
41	-4.000	48.00	24.00	0.	0.
42	-4.100	49.20	24.60	0.	0.
43	-4.200	50.40	25.20	0.	0.
44	-4.300	51.60	25.80	0.	0.
45	-4.400	52.80	26.40	0.	0.
46	-4.500	54.00	27.00	0.	0.
47	-4.600	55.20	27.60	0.	0.
48	-4.700	56.40	28.20	0.	0.
49	-4.800	57.60	28.80	0.	0.
50	-4.900	58.80	29.40	0.	0.
51	-5.000	60.00	30.00	0.	0.
52	-5.100	61.20	30.60	0.	0.
53	-5.200	62.40	31.20	0.	0.
54	-5.300	63.60	31.80	0.	0.
55	-5.400	64.80	32.40	0.	0.
56	-5.500	66.01	33.00	0.	0.
57	-5.600	67.21	33.60	0.	0.
58	-5.700	68.42	34.20	0.	0.
59	-5.800	69.62	34.80	0.	0.
60	-5.900	70.82	35.40	0.	0.
61	-6.000	86.10	43.05	0.	0.
62	-6.100	83.43	40.51	0.	0.
63	-6.200	81.38	38.29	0.	0.
64	-6.300	79.98	37.80	0.	0.
65	-6.400	79.18	38.40	0.	0.
66	-6.500	78.68	39.00	0.	0.
67	-6.600	79.20	39.60	0.	0.
68	-6.700	80.40	40.20	0.	0.
69	-6.800	81.60	40.80	0.	0.
70	-6.900	82.80	41.40	0.	0.
71	-7.000	168.0	69.10	0.	0.
72	-7.100	170.7	69.57	0.	0.
73	-7.200	173.4	70.12	0.	0.
74	-7.300	176.1	70.65	0.	0.
75	-7.400	178.8	71.11	0.	0.
76	-7.500	181.5	71.48	0.	0.
77	-7.600	184.2	71.75	0.	0.
78	-7.700	186.9	71.93	0.	0.
79	-7.800	189.6	72.02	0.	0.
80	-7.900	192.4	72.07	0.	0.
81	-8.000	195.2	72.08	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	197.9	72.08	0.	0.
83	-8.200	200.5	72.07	0.	0.
84	-8.300	203.2	72.05	0.	0.
85	-8.400	205.9	72.04	0.	0.
86	-8.500	238.1	119.1	0.	0.
87	-8.600	229.1	113.2	0.	0.
88	-8.700	221.8	108.2	0.	0.
89	-8.800	217.7	104.8	0.	0.
90	-8.900	219.3	102.7	0.	0.
91	-9.000	222.0	101.6	0.	0.
92	-9.100	224.7	101.0	0.	0.
93	-9.200	227.4	100.8	0.	0.
94	-9.300	230.1	101.0	0.	0.
95	-9.400	232.8	101.5	0.	0.
96	-9.500	235.5	102.1	0.	0.
97	-9.600	238.2	102.6	0.	0.
98	-9.700	240.9	103.1	0.	0.
99	-9.800	243.6	103.5	0.	0.
100	-9.900	246.3	103.8	0.	0.
101	-10.00	249.0	104.1	0.	0.
102	-10.10	251.7	104.2	0.	0.
103	-10.20	254.5	104.3	0.	0.
104	-10.30	257.3	104.3	0.	0.
105	-10.40	260.0	104.3	0.	0.
106	-10.50	262.7	104.3	0.	0.
107	-10.60	265.3	104.3	0.	0.
108	-10.70	268.0	104.3	0.	0.
109	-10.80	270.7	104.3	0.	0.
110	-10.90	273.4	104.3	0.	0.
111	-11.00	310.3	155.1	0.	0.
112	-11.10	303.2	150.2	0.	0.
113	-11.20	297.6	146.1	0.	0.
114	-11.30	293.6	142.8	0.	0.
115	-11.40	291.4	140.3	0.	0.
116	-11.50	290.6	138.5	0.	0.
117	-11.60	292.2	137.2	0.	0.
118	-11.70	294.9	136.2	0.	0.
119	-11.80	297.6	135.7	0.	0.
120	-11.90	300.3	135.6	0.	0.
121	-12.00	303.0	135.8	0.	0.
122	-12.10	305.7	136.1	0.	0.
123	-12.20	308.4	136.4	0.	0.
124	-12.30	311.1	136.8	0.	0.
125	-12.40	313.8	137.1	0.	0.
126	-12.50	316.5	137.4	0.	0.
127	-12.60	319.2	137.6	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	321.9	137.8	0.	0.
129	-12.80	324.6	137.9	0.	0.
130	-12.90	327.3	138.0	0.	0.
131	-13.00	330.1	138.0	0.	0.
132	-13.10	332.8	138.1	0.	0.
133	-13.20	335.5	138.1	0.	0.
134	-13.30	338.2	138.1	0.	0.
135	-13.40	340.9	138.1	0.	0.
136	-13.50	391.6	195.8	0.	0.
137	-13.60	380.1	188.7	0.	0.
138	-13.70	370.3	182.4	0.	0.
139	-13.80	363.2	177.6	0.	0.
140	-13.90	358.8	174.0	0.	0.
141	-14.00	357.0	171.5	0.	0.
142	-14.10	359.7	170.0	0.	0.
143	-14.20	362.4	168.6	0.	0.
144	-14.30	365.1	168.0	0.	0.
145	-14.40	367.8	168.0	0.	0.
146	-14.50	370.5	168.2	0.	0.
147	-14.60	373.2	168.7	0.	0.
148	-14.70	375.9	169.3	0.	0.
149	-14.80	378.6	169.8	0.	0.
150	-14.90	381.3	170.3	0.	0.
151	-15.00	384.0	170.8	0.	0.
152	-15.10	386.7	171.1	0.	0.
153	-15.20	389.4	171.4	0.	0.
154	-15.30	392.1	171.6	0.	0.
155	-15.40	394.8	171.7	0.	0.
156	-15.50	397.6	171.8	0.	0.
157	-15.60	400.4	171.8	0.	0.
158	-15.70	403.1	171.8	0.	0.
159	-15.80	405.8	171.8	0.	0.
160	-15.90	408.5	171.8	0.	0.
161	-16.00	483.0	241.5	0.	0.
162	-16.10	473.4	235.3	0.	0.
163	-16.20	451.5	223.0	0.	0.
164	-16.30	433.5	212.7	0.	0.
165	-16.40	421.8	205.5	0.	0.
166	-16.50	424.5	200.9	0.	0.
167	-16.60	427.2	198.3	0.	0.
168	-16.70	429.9	196.7	0.	0.
169	-16.80	432.6	196.4	0.	0.
170	-16.90	435.3	197.1	0.	0.
171	-17.00	438.0	198.2	0.	0.
172	-17.10	440.7	199.5	0.	0.
173	-17.20	443.4	200.9	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	446.1	202.1	0.	0.
175	-17.40	448.8	203.2	0.	0.
176	-17.50	451.5	204.1	0.	0.
177	-17.60	454.2	204.7	0.	0.
178	-17.70	456.9	205.2	0.	0.
179	-17.80	459.6	205.5	0.	0.
180	-17.90	462.6	205.7	0.	0.
181	-18.00	465.4	205.7	0.	0.
182	-18.10	468.2	205.7	0.	0.
183	-18.20	470.9	205.7	0.	0.
184	-18.30	473.5	205.7	0.	0.
185	-18.40	476.1	205.7	0.	0.
186	-18.50	483.0	241.5	0.	0.
187	-18.60	507.6	252.5	0.	0.
188	-18.70	532.2	263.4	0.	0.
189	-18.80	556.9	274.4	0.	0.
190	-18.90	529.0	259.1	0.	0.
191	-19.00	492.0	238.8	0.	0.
192	-19.10	494.7	225.5	0.	0.
193	-19.20	497.4	221.8	0.	0.
194	-19.30	500.1	221.2	0.	0.
195	-19.40	502.8	222.5	0.	0.
196	-19.50	505.5	224.9	0.	0.
197	-19.60	508.2	227.7	0.	0.
198	-19.70	510.9	230.5	0.	0.
199	-19.80	513.6	233.0	0.	0.
200	-19.90	516.3	235.1	0.	0.
201	-20.00	519.0	236.8	0.	0.
202	-20.10	521.7	238.1	0.	0.
203	-20.20	524.4	239.0	0.	0.
204	-20.30	527.4	239.4	0.	0.
205	-20.40	530.8	239.7	0.	0.
206	-20.50	534.0	240.0	0.	0.
207	-20.60	536.9	240.1	0.	0.
208	-20.70	539.5	240.1	0.	0.
209	-20.80	542.0	240.0	0.	0.
210	-20.90	544.5	239.8	0.	0.
211	-21.00	546.9	239.7	0.	0.
212	-21.10	549.3	239.6	0.	0.
213	-21.20	551.8	239.5	0.	0.
214	-21.30	554.4	239.4	0.	0.
215	-21.40	556.9	239.3	0.	0.
216	-21.50	559.5	239.3	0.	0.
217	-21.60	562.2	239.2	0.	0.
218	-21.70	564.9	239.2	0.	0.
219	-21.80	567.6	239.2	0.	0.

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
220	-21.90	570.3	239.2	0.	0.
221	-22.00	573.0	239.2	0.	0.
222	-22.10	575.7	239.2	0.	0.
223	-22.20	578.4	239.2	0.	0.
224	-22.30	581.1	239.2	0.	0.
225	-22.40	583.8	239.2	0.	0.
226	-22.50	586.5	239.2	0.	0.
227	-22.60	589.2	239.2	0.	0.
228	-22.70	591.9	239.2	0.	0.
229	-22.80	594.6	239.2	0.	0.
230	-22.90	597.3	239.3	0.	0.
231	-23.00	600.0	239.3	0.	0.
232	-23.10	602.7	239.3	0.	0.
233	-23.20	605.4	239.3	0.	0.
234	-23.30	608.1	239.3	0.	0.
235	-23.40	610.8	239.3	0.	0.
236	-23.50	613.5	239.3	0.	0.
237	-23.60	616.2	239.3	0.	0.
238	-23.70	618.9	239.3	0.	0.
239	-23.80	621.6	239.3	0.	0.
240	-23.90	624.3	239.3	0.	0.
241	-24.00	627.0	239.3	0.	0.
242	-24.10	629.7	239.2	0.	0.
243	-24.20	632.4	239.2	0.	0.
244	-24.30	635.1	239.2	0.	0.
245	-24.40	637.8	239.2	0.	0.
246	-24.50	640.5	239.2	0.	0.
247	-24.60	643.2	239.2	0.	0.
248	-24.70	645.9	239.2	0.	0.
249	-24.80	648.6	239.2	0.	0.
250	-24.90	651.3	239.2	0.	0.
251	-25.00	654.0	239.2	0.	0.
252	-25.10	656.7	239.2	0.	0.
253	-25.20	659.4	239.2	0.	0.
254	-25.30	662.1	239.2	0.	0.
255	-25.40	664.8	239.2	0.	0.
256	-25.50	667.5	239.2	0.	0.
257	-25.60	670.2	239.2	0.	0.
258	-25.70	672.9	239.3	0.	0.
259	-25.80	675.6	239.3	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8228.0	8228.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8228.0	8228.0
SPINTA ATTIVA (POSSIBILE)	358.09	358.09
SPINTA PASSIVA (POSSIBILE)	89484.	89484.
RAPPORTO PASSIVA/VERA	10.875	10.875
SPINTA PASSIVA MOBILITATA	9.%	9.%
RAPPORTO VERA/ATTIVA	22.978	22.978

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8157.2	8157.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8157.2	8157.2
SPINTA ATTIVA (POSSIBILE)	623.57	192.19
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	69418.
RAPPORTO PASSIVA/VERA	13.714	8.5100
SPINTA PASSIVA MOBILITATA	7.%	12.%
RAPPORTO VERA/ATTIVA	13.082	42.444

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8157.2	8157.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8157.2	8157.2
SPINTA ATTIVA (POSSIBILE)	623.57	192.19
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	69418.
RAPPORTO PASSIVA/VERA	13.714	8.5100
SPINTA PASSIVA MOBILITATA	7.%	12.%
RAPPORTO VERA/ATTIVA	13.081	42.444

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8023.1	8017.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8023.1	8017.1
SPINTA ATTIVA (POSSIBILE)	623.57	105.04
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	57067.
RAPPORTO PASSIVA/VERA	13.943	7.1182
SPINTA PASSIVA MOBILITATA	7.%	14.%
RAPPORTO VERA/ATTIVA	12.866	76.325

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8023.1	8017.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8023.1	8017.1
SPINTA ATTIVA (POSSIBILE)	623.57	105.04
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	57067.
RAPPORTO PASSIVA/VERA	13.943	7.1182
SPINTA PASSIVA MOBILITATA	7.%	14.%
RAPPORTO VERA/ATTIVA	12.866	76.325

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7685.9	7659.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7685.9	7659.0
SPINTA ATTIVA (POSSIBILE)	623.57	40.498
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	45205.
RAPPORTO PASSIVA/VERA	14.555	5.9022
SPINTA PASSIVA MOBILITATA	7.%	17.%
RAPPORTO VERA/ATTIVA	12.326	189.12

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7685.8	7659.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7685.8	7659.0
SPINTA ATTIVA (POSSIBILE)	623.57	40.498
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	45205.
RAPPORTO PASSIVA/VERA	14.555	5.9022
SPINTA PASSIVA MOBILITATA	7.%	17.%
RAPPORTO VERA/ATTIVA	12.325	189.12

FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7097.5	7061.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7097.5	7061.5
SPINTA ATTIVA (POSSIBILE)	623.57	5.2816
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	34123.
RAPPORTO PASSIVA/VERA	15.761	4.8323
SPINTA PASSIVA MOBILITATA	6.%	21.%
RAPPORTO VERA/ATTIVA	11.382	1337.0

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7097.5	7061.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7097.5	7061.5
SPINTA ATTIVA (POSSIBILE)	623.57	5.2816
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	34123.
RAPPORTO PASSIVA/VERA	15.761	4.8323
SPINTA PASSIVA MOBILITATA	6.%	21.%
RAPPORTO VERA/ATTIVA	11.382	1337.0

FASE 10 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6334.1	6291.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6334.1	6291.3
SPINTA ATTIVA (POSSIBILE)	623.57	0.
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	24580.
RAPPORTO PASSIVA/VERA	17.661	3.9070
SPINTA PASSIVA MOBILITATA	6.%	26.%
RAPPORTO VERA/ATTIVA	10.158	0.10000E+06

FASE 11 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6334.1	6291.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6334.1	6291.3
SPINTA ATTIVA (POSSIBILE)	623.57	0.
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	24580.
RAPPORTO PASSIVA/VERA	17.661	3.9070
SPINTA PASSIVA MOBILITATA	6.%	26.%
RAPPORTO VERA/ATTIVA	10.158	0.10000E+06

FASE 12 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	5425.5	5350.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	5425.5	5350.5
SPINTA ATTIVA (POSSIBILE)	623.57	0.
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	16575.
RAPPORTO PASSIVA/VERA	20.618	3.0977
SPINTA PASSIVA MOBILITATA	5.%	32.%
RAPPORTO VERA/ATTIVA	8.7007	0.10000E+06

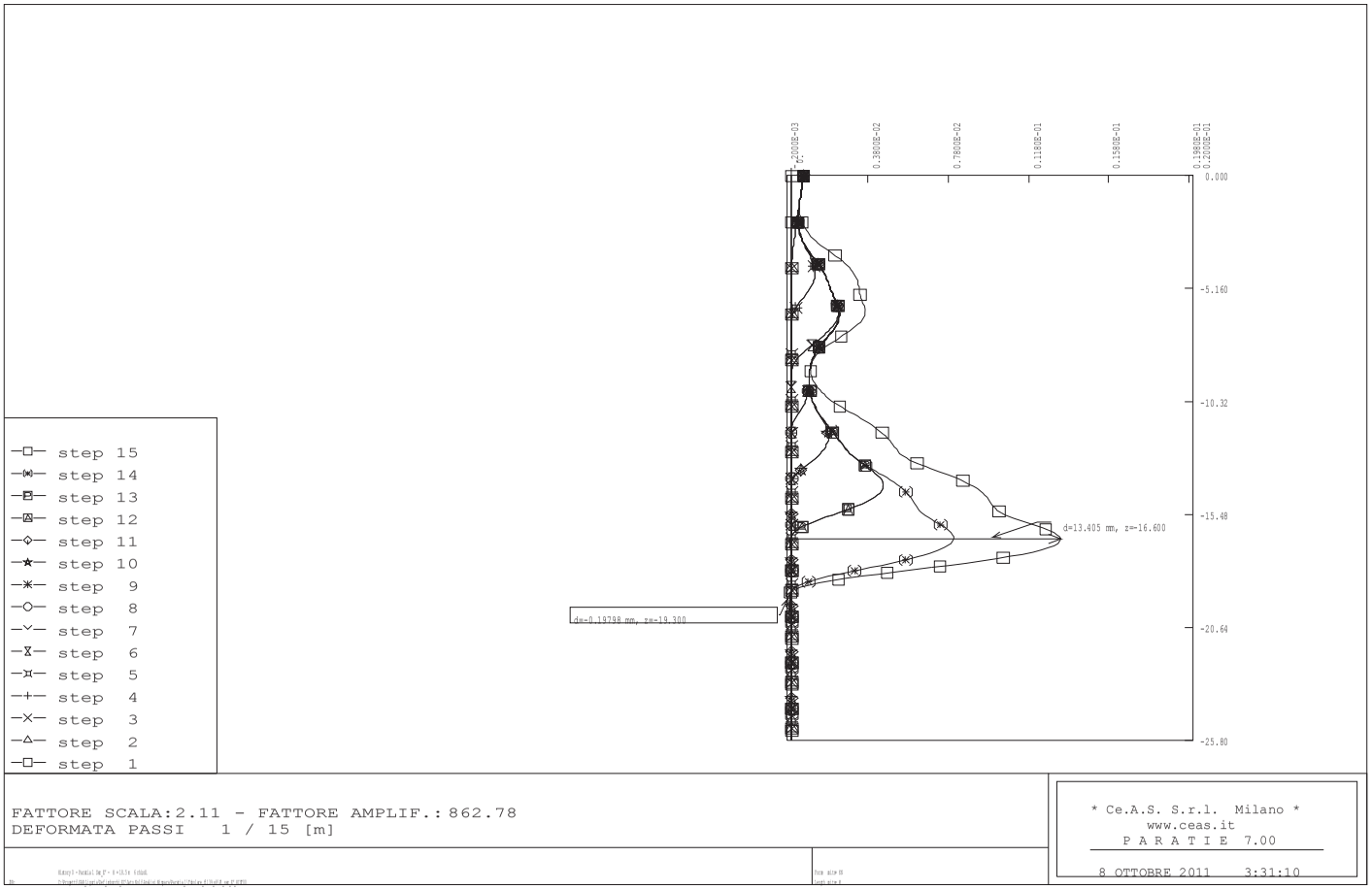
FASE 13 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	5425.5	5350.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	5425.5	5350.5
SPINTA ATTIVA (POSSIBILE)	623.57	0.
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	16575.
RAPPORTO PASSIVA/VERA	20.619	3.0977
SPINTA PASSIVA MOBILITATA	5.%	32.%
RAPPORTO VERA/ATTIVA	8.7006	0.10000E+06

History 0 - Paratia 1 Sez_E' - H = 18.5 m 6 chiodi

FASE 14 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	4368.1	4225.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	4368.1	4225.5
SPINTA ATTIVA (POSSIBILE)	623.57	0.
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	10107.
RAPPORTO PASSIVA/VERA	25.609	2.3919
SPINTA PASSIVA MOBILITATA	4.%	42.%
RAPPORTO VERA/ATTIVA	7.0050	0.10000E+06

FASE 15 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	4505.4	4217.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	4505.4	4217.0
SPINTA ATTIVA (POSSIBILE)	1054.2	0.
SPINTA PASSIVA (POSSIBILE)	0.11186E+06	10107.
RAPPORTO PASSIVA/VERA	24.829	2.3967
SPINTA PASSIVA MOBILITATA	4.%	42.%
RAPPORTO VERA/ATTIVA	4.2739	0.10000E+06

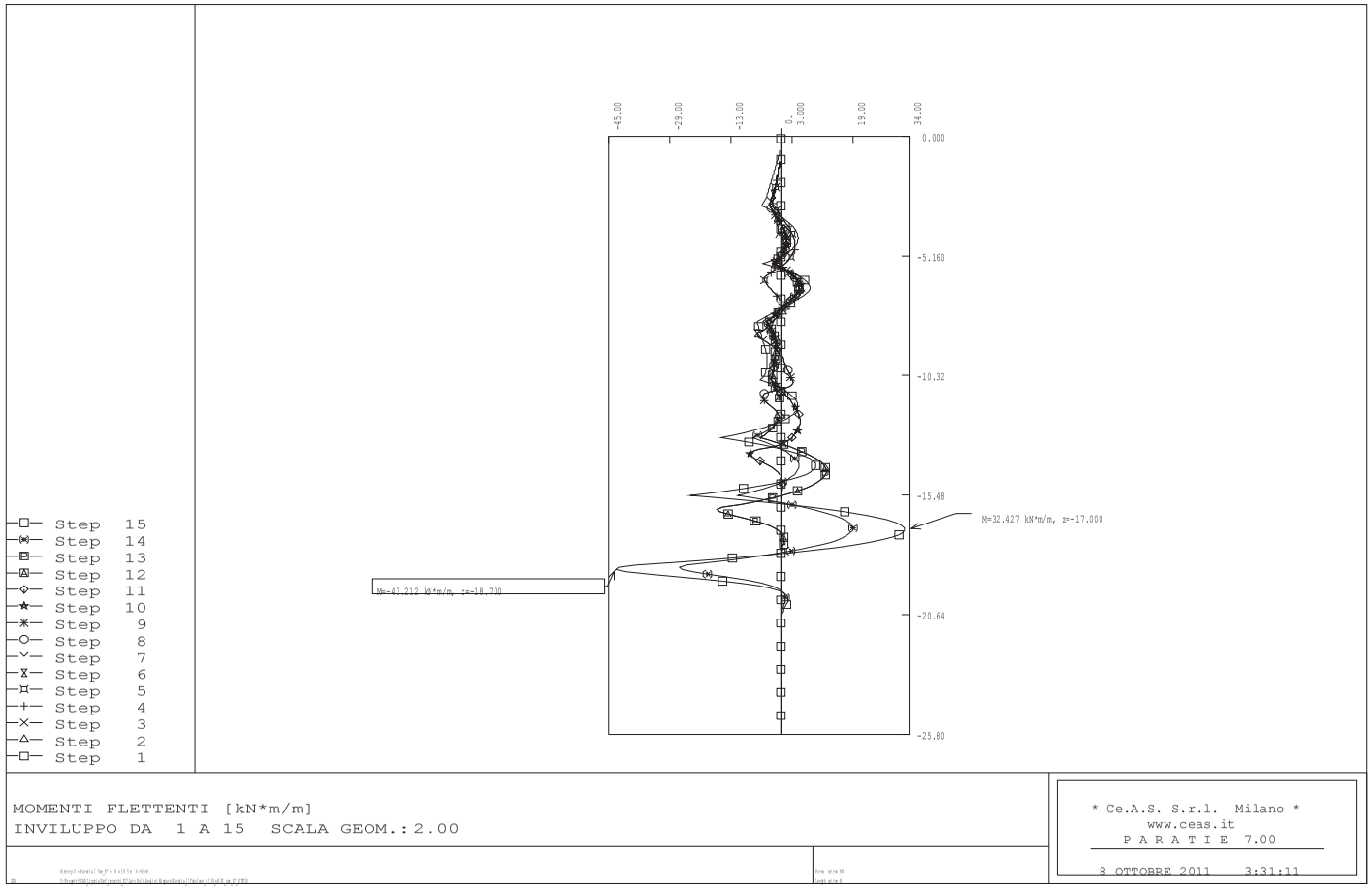
OUTPUT PLOTS:



FATTORE SCALA:2.11 - FATTORE AMPLIF.:862.78
DEFORMATA PASSI 1 / 15 [m]

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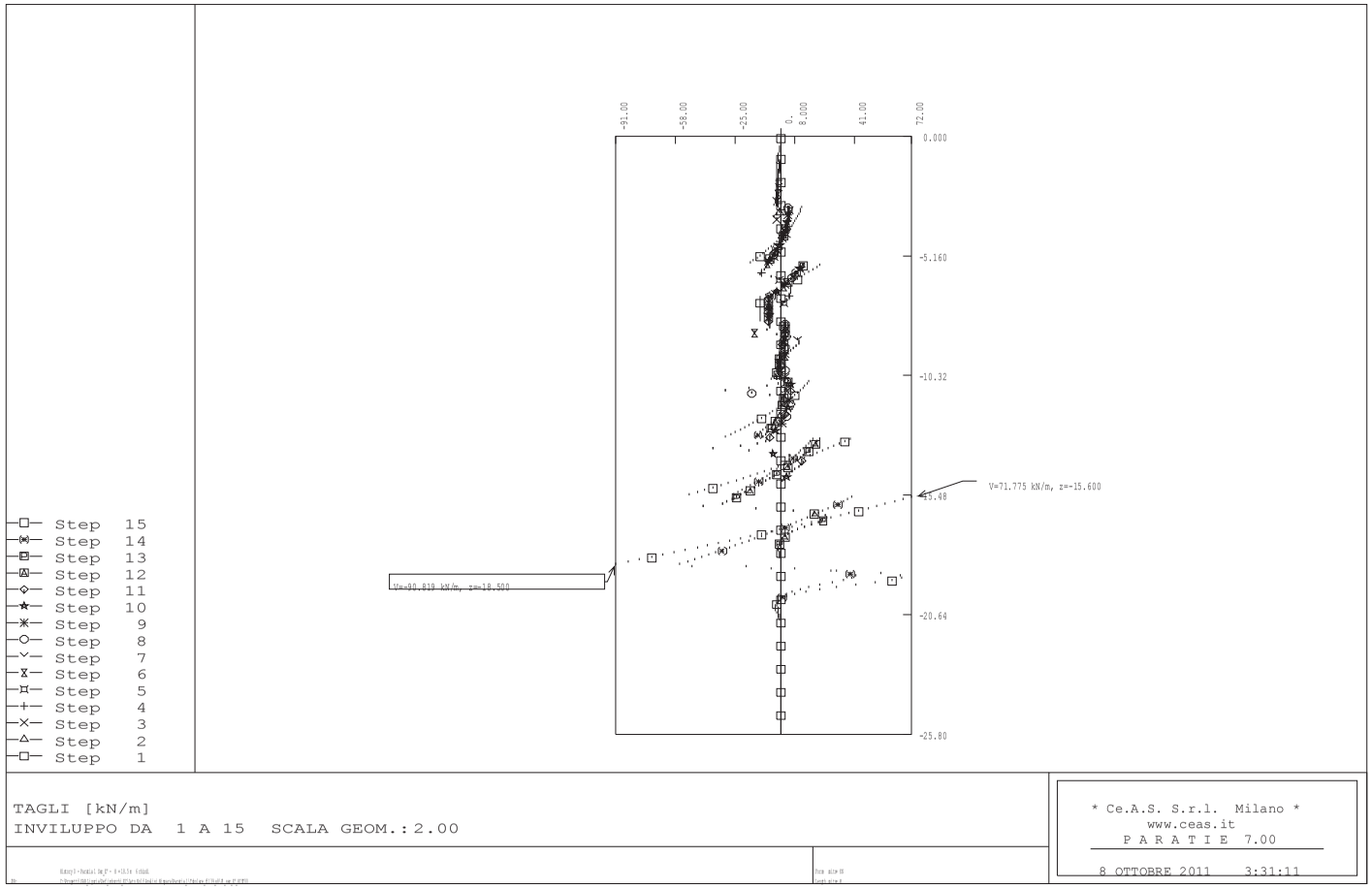
8 OTTOBRE 2011 3:31:10



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 15 SCALA GEOM.: 2.00

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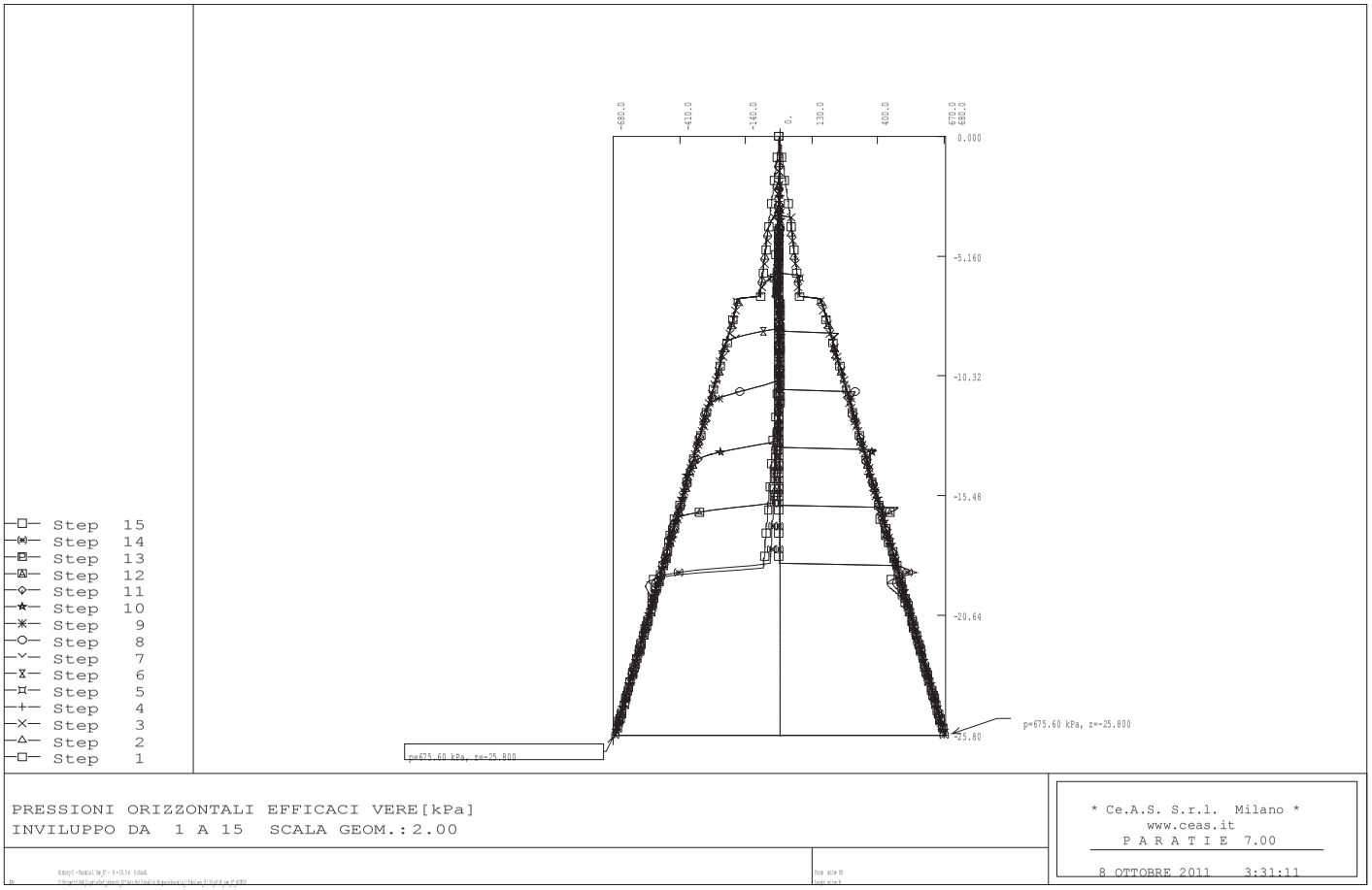
8 OTTOBRE 2011 3:31:11



TAGLI [kN/m]
INVILUPPO DA 1 A 15 SCALA GEOM.: 2.00

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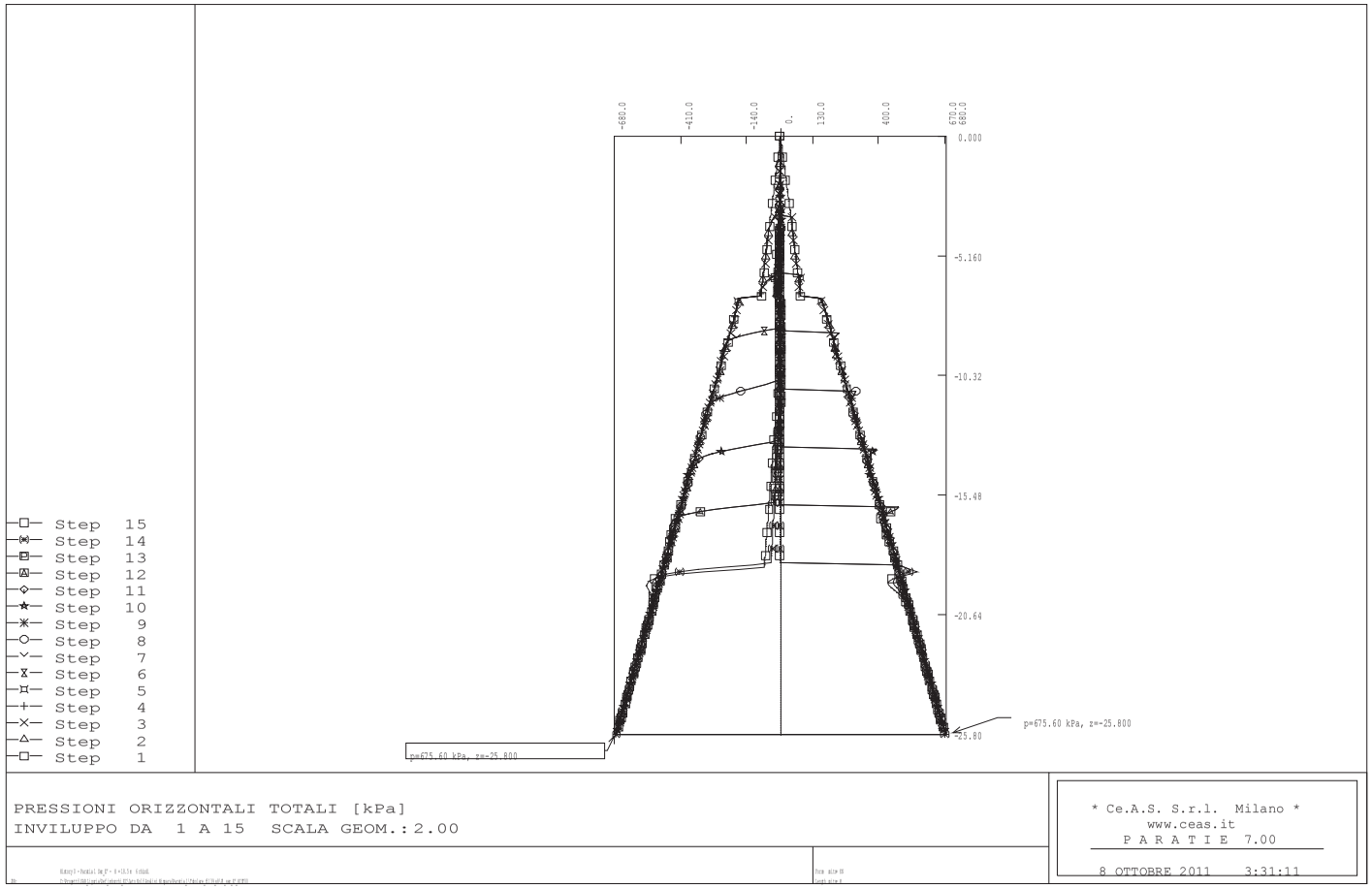
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PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 15 SCALA GEOM.: 2.00

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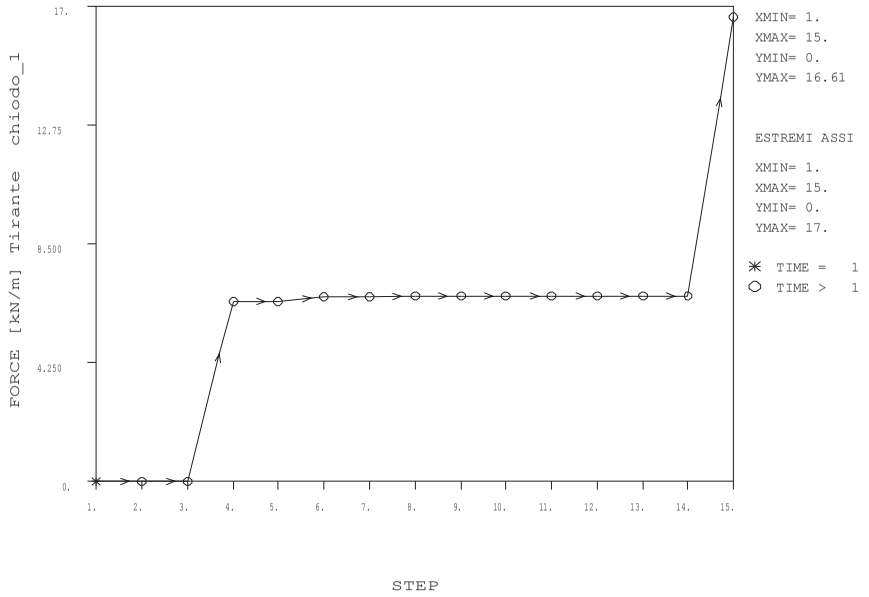
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 15 SCALA GEOM.: 2.00

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.2176E-02
4.	6.437
5.	6.437
6.	6.603
7.	6.603
8.	6.630
9.	6.630
10.	6.630
11.	6.630
12.	6.630
13.	6.630
14.	6.630
15.	16.61



DAL PASSO 1 AL PASSO 15

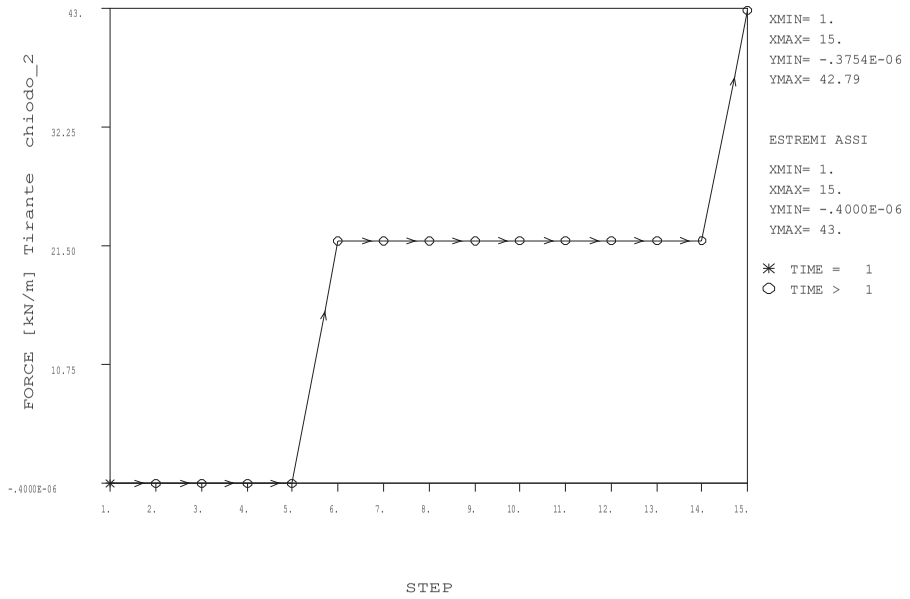
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.3754E-06
6.	21.94
7.	21.94
8.	21.93
9.	21.93
10.	21.96
11.	21.96
12.	21.96
13.	21.96
14.	21.96
15.	42.79



DAL PASSO 1 AL PASSO 15

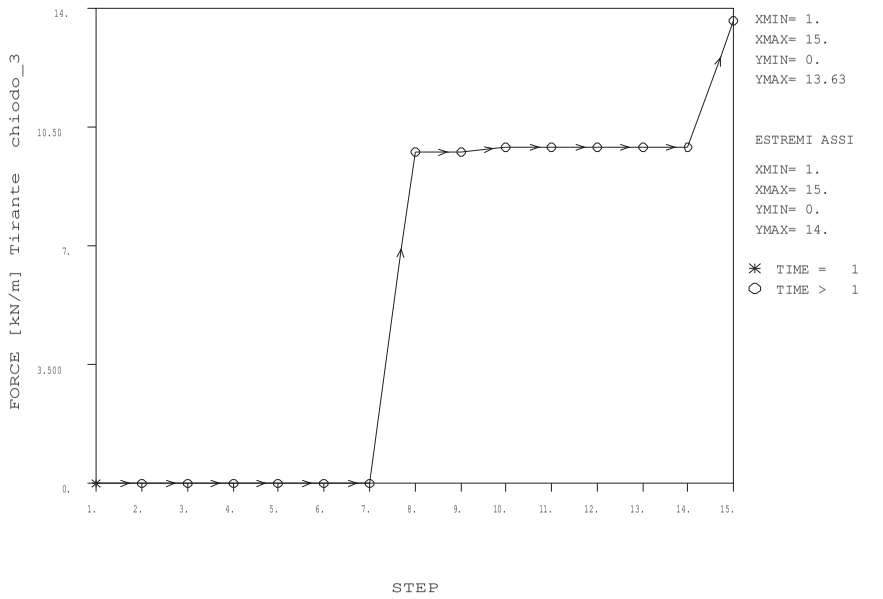
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.1345E-02
8.	9.757
9.	9.757
10.	9.902
11.	9.902
12.	9.901
13.	9.901
14.	9.901
15.	13.63



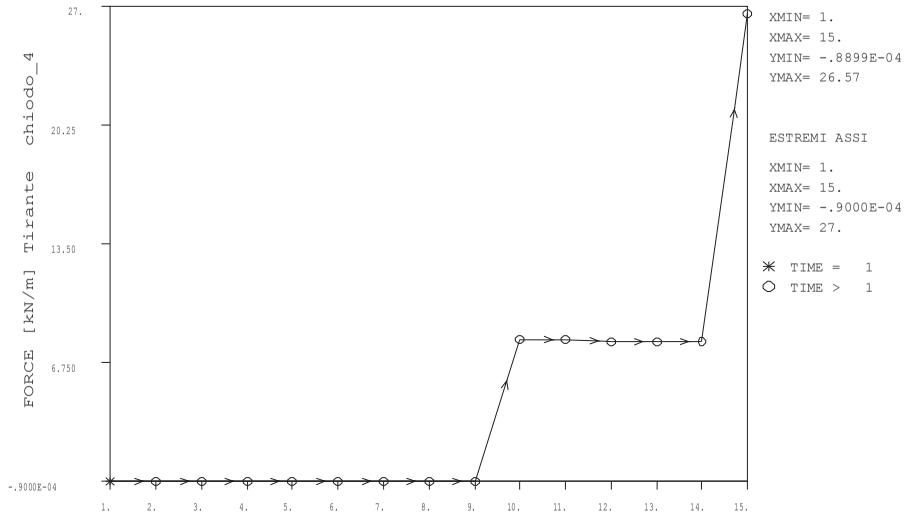
DAL PASSO 1 AL PASSO 15
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_4

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	-.8899E-04
10.	8.064
11.	8.064
12.	7.936
13.	7.936
14.	7.948
15.	26.57



DAL PASSO 1 AL PASSO 15

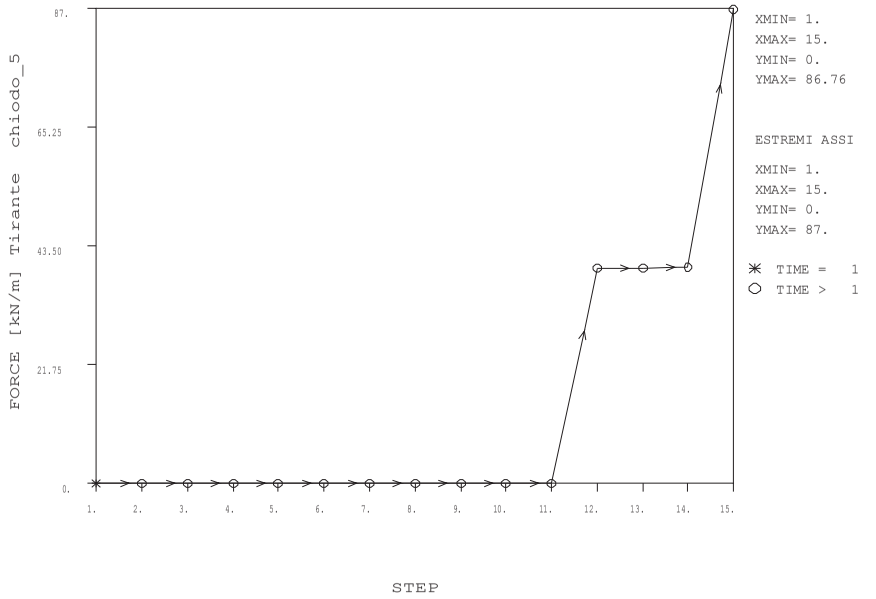
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_5

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.1057E-05
12.	39.40
13.	39.40
14.	39.60
15.	86.76



DAL PASSO 1 AL PASSO 15

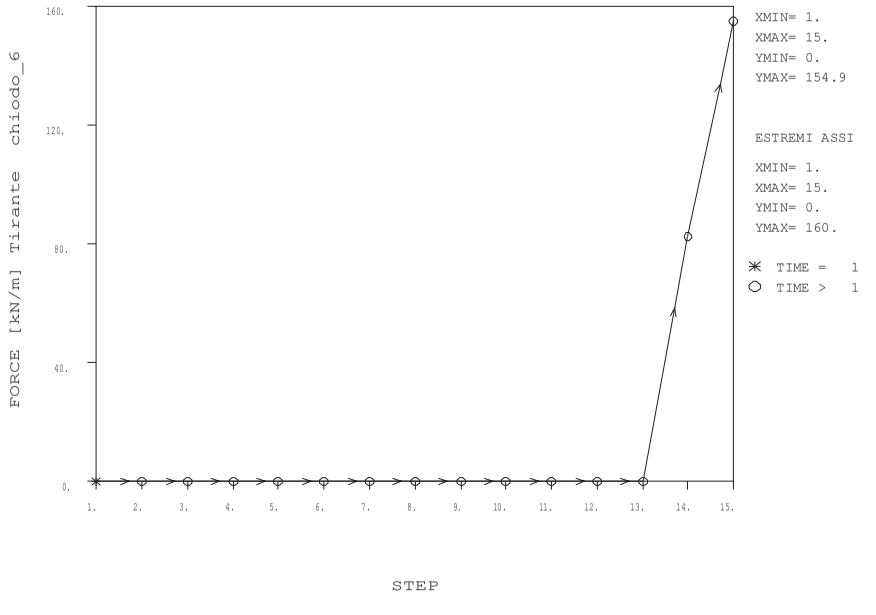
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_6

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.
12.	0.
13.	0.3279E-03
14.	82.40
15.	154.9



DAL PASSO 1 AL PASSO 15

DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice H

P1 - Sezione F – Tabulati di calcolo PARATIE

9 OTTOBRE 2011 0:16:52
History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

9 OTTOBRE 2011 0:16:52

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 1 Sez_F -  H = 19.5 m  7 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -26.8 0
  15: *
  16: soil UHLeft LeftWall -26.8 0 1 0
  17: soil DHLeft LeftWall -26.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: material VTR 3E+007
  22: *
  23: beam paratia LeftWall -26.8 0 Acciaio 0.06 00 00
  24: *
  25: wire chiodo_1 LeftWall -1.5 Acciaio_chiodi 7.85E-005 0 0
  26: wire chiodo_2 LeftWall -4 Acciaio_chiodi 7.85E-005 0 0
  27: wire chiodo_3 LeftWall -6.5 Acciaio_chiodi 7.85E-005 0 0
  28: wire chiodo_4 LeftWall -9 VTR 8.98E-005 0 0
  29: wire chiodo_5 LeftWall -11.5 VTR 8.98E-005 0 0
  30: wire chiodo_6 LeftWall -14 VTR 0.000105 0 0
  31: wire chiodo_7 LeftWall -16.5 VTR 0.000105 0 0
  32: *
  33: * Soil Profile
  34: *
  35:     ldata          1_ 0
  36:         weight     24 24 0
  37:         atrest     0.5 0 1 0.5
  38:         resistance 35 40 0.178591 11.0616
```

```
  N.  comando

  39:         young      500000 750000
  40:     endlayer
  41:     ldata          2_ -7
  42:         weight     27 27 0
  43:         atrest     1 0 1 1
  44:         resistance 80 38 0.195942 9.11404
  45:         young      2E+006 3E+006
  46:     endlayer
  47: *
  48: step 1 :  geostatica
  49:     setwall LeftWall
  50:         geom 0 0
  51: endstep
  52: *
  53: step 2 :  scavo a  quota -2.0 m+sovraccarico 100 kPa
  54:     setwall LeftWall
  55:         geom 0 -2
  56:         surcharge 100 0 0 0
  57: endstep
  58: *
  59: step 3 :  inserimento primo chiodo
  60:     setwall LeftWall
  61:         geom 0 -2
  62:         surcharge 100 0 0 0
  63:         add chiodo_1
  64: endstep
  65: *
  66: step 4 :  scavo a quota -4.5 m
  67:     setwall LeftWall
  68:         geom 0 -4.5
  69:         surcharge 100 0 0 0
  70: endstep
  71: *
  72: step 5 :  inserimento secondo chiodo
  73:     setwall LeftWall
  74:         geom 0 -4.5
  75:         surcharge 100 0 0 0
  76:         add chiodo_2
  77: endstep
  78: *
  79: step 6 :  scavo a quota -7.0 m
  80:     setwall LeftWall
  81:         geom 0 -7
  82:         surcharge 100 0 0 0
  83: endstep
  84: *
```

```
  N.  comando

  85: step 7 :  inserimento terzo chiodo
  86:     setwall LeftWall
  87:         geom 0 -7
  88:         surcharge 100 0 0 0
  89:         add chiodo_3
  90: endstep
  91: *
  92: step 8 :  scavo a quota 9.5 m
  93:     setwall LeftWall
  94:         geom 0 -9.5
  95:         surcharge 100 0 0 0
  96: endstep
  97: *
  98: step 9 :  inserimento quarto chiodo
  99:     setwall LeftWall
 100:         geom 0 -9.5
 101:         surcharge 100 0 0 0
 102:         add chiodo_4
 103: endstep
 104: *
 105: step 10 :  scavo a quota -12.0 m
 106:     setwall LeftWall
 107:         geom 0 -12
 108:         surcharge 100 0 0 0
 109: endstep
 110: *
 111: step 11 :  inserimento quinto chiodo
 112:     setwall LeftWall
 113:         geom 0 -12
 114:         surcharge 100 0 0 0
 115:         add chiodo_5
 116: endstep
 117: *
 118: step 12 :  scavo a quota -14.5 m
 119:     setwall LeftWall
 120:         geom 0 -14.5
 121:         surcharge 100 0 0 0
 122: endstep
 123: *
 124: step 13 :  inserimento sesto chiodo
 125:     setwall LeftWall
 126:         geom 0 -14.5
 127:         surcharge 100 0 0 0
 128:         add chiodo_6
 129: endstep
 130: *
```

```
  N.  comando

 131: step 14 :  scavo a quota - 17.0 m
 132:     setwall LeftWall
 133:         geom 0 -17
 134:         surcharge 100 0 0 0
 135: endstep
 136: *
 137: step 15 :  inserimento settimo chiodo
 138:     setwall LeftWall
 139:         geom 0 -17
 140:         surcharge 100 0 0 0
 141:         add chiodo_7
 142: endstep
 143: *
 144: step 16 :  scavo finale -19.5 m
 145:     setwall LeftWall
 146:         geom 0 -19.5
 147:         surcharge 100 0 0 0
 148: endstep
 149: *
 150: step 17 :  sisma kh=0.04
 151:     change 2_ U-KA=0.216
 152:     change 1_ U-KA=0.198
 153:     setwall LeftWall
 154:         geom 0 -19.5
 155:         surcharge 100 0 0 0
 156: endstep
 157: *
 158: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	= -7.0000	m	
peso fuori falda	= 24.000	kN/m³	
peso efficace in falda	= 24.000	kN/m³	
coesione	= 35.000	kPa	(A MONTE)
angolo di attrito	= 40.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.17859		(A MONTE)
coeff. spinta passiva kp	= 11.062		(A MONTE)
Konc normal consolidato	= 0.50000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 0.50000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.50000E+06	kPa	
modulo el. scarico/ricarico	= 0.75000E+06	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 35.000	kPa	(A VALLE)
angolo di attrito	= 40.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.17859		(A VALLE)
coeff. spinta passiva kp	= 11.062		(A VALLE)

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= -7.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

coeff. spinta passiva kp = 9.1140 (A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 10

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 11

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 12

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 13

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 14

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 15

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 16

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 17

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.19800 (A MONTE)

LAYER 2_
coeff. spinta attiva ka = 0.21600 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -26.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -2.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 100.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -26.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -2.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 100.00	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-4.5000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-4.5000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-7.0000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-7.0000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-9.5000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-9.5000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 10

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-12.000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 11

RIASSUNTO DATI RELATIVI ALLA FASE 11

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-12.000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 12

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-14.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 13

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-14.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m

RIASSUNTO DATI RELATIVI ALLA FASE 13

quota di equil. pressioni dell'acqua	= -26.800	m	
indicatore comportamento acqua	= 0.0000	(1=REMOVE)	
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)	

RIASSUNTO DATI RELATIVI ALLA FASE 14

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -17.000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 100.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -26.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 15

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -17.000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 100.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -26.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 16

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m

RIASSUNTO DATI RELATIVI ALLA FASE 16

quota del fondo scavo	=	-19.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 17

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-19.500	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	100.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-26.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-26.80	UPHILL	0.
DHLeft	LeftWall	0.	-26.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-26.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-1.500	_	0.7850E-04	0.	0.
chiodo_2	LeftWall	-4.000	_	0.7850E-04	0.	0.
chiodo_3	LeftWall	-6.500	_	0.7850E-04	0.	0.
chiodo_4	LeftWall	-9.000	_	0.8980E-04	0.	0.
chiodo_5	LeftWall	-11.50	_	0.8980E-04	0.	0.
chiodo_6	LeftWall	-14.00	_	0.1050E-03	0.	0.
chiodo_7	LeftWall	-16.50	_	0.1050E-03	0.	0.

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008
VTR	3E+007

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	6	SI
3	2	SI
4	6	SI
5	2	SI
6	6	SI
7	2	SI
8	8	SI
9	2	SI
10	9	SI
11	2	SI
12	14	SI
13	2	SI
14	15	SI
15	2	SI
16	16	SI
17	11	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00
160	0.00000000E+00	0.00000000E+00
161	0.00000000E+00	0.00000000E+00
162	0.00000000E+00	0.00000000E+00
163	0.00000000E+00	0.00000000E+00
164	0.00000000E+00	0.00000000E+00
165	0.00000000E+00	0.00000000E+00
166	0.00000000E+00	0.00000000E+00
167	0.00000000E+00	0.00000000E+00
168	0.00000000E+00	0.00000000E+00
169	0.00000000E+00	0.00000000E+00
170	0.00000000E+00	0.00000000E+00
171	0.00000000E+00	0.00000000E+00
172	0.00000000E+00	0.00000000E+00
173	0.00000000E+00	0.00000000E+00
174	0.00000000E+00	0.00000000E+00
175	0.00000000E+00	0.00000000E+00
176	0.00000000E+00	0.00000000E+00
177	0.00000000E+00	0.00000000E+00
178	0.00000000E+00	0.00000000E+00
179	0.00000000E+00	0.00000000E+00
180	0.00000000E+00	0.00000000E+00
181	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.00000000E+00	0.00000000E+00
183	0.00000000E+00	0.00000000E+00
184	0.00000000E+00	0.00000000E+00
185	0.00000000E+00	0.00000000E+00
186	0.00000000E+00	0.00000000E+00
187	0.00000000E+00	0.00000000E+00
188	0.00000000E+00	0.00000000E+00
189	0.00000000E+00	0.00000000E+00
190	0.00000000E+00	0.00000000E+00
191	0.00000000E+00	0.00000000E+00
192	0.00000000E+00	0.00000000E+00
193	0.00000000E+00	0.00000000E+00
194	0.00000000E+00	0.00000000E+00
195	0.00000000E+00	0.00000000E+00
196	0.00000000E+00	0.00000000E+00
197	0.00000000E+00	0.00000000E+00
198	0.00000000E+00	0.00000000E+00
199	0.00000000E+00	0.00000000E+00
200	0.00000000E+00	0.00000000E+00
201	0.00000000E+00	0.00000000E+00
202	0.00000000E+00	0.00000000E+00
203	0.00000000E+00	0.00000000E+00
204	0.00000000E+00	0.00000000E+00
205	0.00000000E+00	0.00000000E+00
206	0.00000000E+00	0.00000000E+00
207	0.00000000E+00	0.00000000E+00
208	0.00000000E+00	0.00000000E+00
209	0.00000000E+00	0.00000000E+00
210	0.00000000E+00	0.00000000E+00
211	0.00000000E+00	0.00000000E+00
212	0.00000000E+00	0.00000000E+00
213	0.00000000E+00	0.00000000E+00
214	0.00000000E+00	0.00000000E+00
215	0.00000000E+00	0.00000000E+00
216	0.00000000E+00	0.00000000E+00
217	0.00000000E+00	0.00000000E+00
218	0.00000000E+00	0.00000000E+00
219	0.00000000E+00	0.00000000E+00
220	0.00000000E+00	0.00000000E+00
221	0.00000000E+00	0.00000000E+00
222	0.00000000E+00	0.00000000E+00
223	0.00000000E+00	0.00000000E+00
224	0.00000000E+00	0.00000000E+00
225	0.00000000E+00	0.00000000E+00
226	0.00000000E+00	0.00000000E+00
227	0.00000000E+00	0.00000000E+00

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.00000000E+00	0.00000000E+00
229	0.00000000E+00	0.00000000E+00
230	0.00000000E+00	0.00000000E+00
231	0.00000000E+00	0.00000000E+00
232	0.00000000E+00	0.00000000E+00
233	0.00000000E+00	0.00000000E+00
234	0.00000000E+00	0.00000000E+00
235	0.00000000E+00	0.00000000E+00
236	0.00000000E+00	0.00000000E+00
237	0.00000000E+00	0.00000000E+00
238	0.00000000E+00	0.00000000E+00
239	0.00000000E+00	0.00000000E+00
240	0.00000000E+00	0.00000000E+00
241	0.00000000E+00	0.00000000E+00
242	0.00000000E+00	0.00000000E+00
243	0.00000000E+00	0.00000000E+00
244	0.00000000E+00	0.00000000E+00
245	0.00000000E+00	0.00000000E+00
246	0.00000000E+00	0.00000000E+00
247	0.00000000E+00	0.00000000E+00
248	0.00000000E+00	0.00000000E+00
249	0.00000000E+00	0.00000000E+00
250	0.00000000E+00	0.00000000E+00
251	0.00000000E+00	0.00000000E+00
252	0.00000000E+00	0.00000000E+00
253	0.00000000E+00	0.00000000E+00
254	0.00000000E+00	0.00000000E+00
255	0.00000000E+00	0.00000000E+00
256	0.00000000E+00	0.00000000E+00
257	0.00000000E+00	0.00000000E+00
258	0.00000000E+00	0.00000000E+00
259	0.00000000E+00	0.00000000E+00
260	0.00000000E+00	0.00000000E+00
261	0.00000000E+00	0.00000000E+00
262	0.00000000E+00	0.00000000E+00
263	0.00000000E+00	0.00000000E+00
264	0.00000000E+00	0.00000000E+00
265	0.00000000E+00	0.00000000E+00
266	0.00000000E+00	0.00000000E+00
267	0.00000000E+00	0.00000000E+00
268	0.00000000E+00	0.00000000E+00
269	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.16213255E-03	-0.71780523E-04
2	0.15495450E-03	-0.71780523E-04
3	0.14777645E-03	-0.71780523E-04
4	0.14059839E-03	-0.71780523E-04
5	0.13342034E-03	-0.71780523E-04
6	0.12624229E-03	-0.71780523E-04
7	0.11906423E-03	-0.71780523E-04
8	0.11188618E-03	-0.71780523E-04
9	0.10470812E-03	-0.71780523E-04
10	0.97530072E-04	-0.71780523E-04
11	0.90352019E-04	-0.71780523E-04
12	0.83173967E-04	-0.71780523E-04
13	0.75995915E-04	-0.71780523E-04
14	0.68817862E-04	-0.71780523E-04
15	0.61639810E-04	-0.71780523E-04
16	0.54461758E-04	-0.71780523E-04
17	0.47283705E-04	-0.71780523E-04
18	0.40105653E-04	-0.71780523E-04
19	0.32937955E-04	-0.71469920E-04
20	0.25862246E-04	-0.69642010E-04
21	0.19139201E-04	-0.63924628E-04
22	0.13207170E-04	-0.54311789E-04
23	0.83241794E-05	-0.43278898E-04
24	0.45443671E-05	-0.32456705E-04
25	0.17938463E-05	-0.22804268E-04
26	-0.70693446E-07	-0.14778036E-04
27	-0.12194412E-05	-0.84822104E-05
28	-0.18215133E-05	-0.38177145E-05
29	-0.20306986E-05	-0.58465679E-06
30	-0.19777376E-05	0.14696062E-05
31	-0.17673076E-05	0.26079642E-05
32	-0.14784879E-05	0.30760325E-05
33	-0.11673483E-05	0.30866838E-05
34	-0.87061420E-06	0.28134427E-05
35	-0.60966420E-06	0.23900684E-05
36	-0.39439007E-06	0.19130073E-05
37	-0.22672103E-06	0.14461978E-05
38	-0.10353408E-06	0.10278820E-05
39	-0.18892701E-07	0.67712398E-06
40	0.34330210E-07	0.39955049E-06
41	0.63364652E-07	0.19239468E-06
42	0.74898182E-07	0.47910031E-07
43	0.74681751E-07	-0.44521936E-07

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.67345965E-07	-0.96388867E-07
45	0.56392555E-07	-0.11859839E-06
46	0.44298098E-07	-0.12065354E-06
47	0.32675896E-07	-0.11028730E-06
48	0.22457815E-07	-0.93405731E-07
49	0.14071545E-07	-0.74220281E-07
50	0.75983797E-08	-0.55496223E-07
51	0.29030052E-08	-0.38851010E-07
52	-0.26645552E-09	-0.25044800E-07
53	-0.22061231E-08	-0.14243634E-07
54	-0.32093765E-08	-0.62682948E-08
55	-0.35421373E-08	-0.76361190E-09
56	-0.34296945E-08	0.27132068E-08
57	-0.30518499E-08	0.46194026E-08
58	-0.25439986E-08	0.53800613E-08
59	-0.20017890E-08	0.53621823E-08
60	-0.14875756E-08	0.48638960E-08
61	-0.10374076E-08	0.41136721E-08
62	-0.66777978E-09	0.32752911E-08
63	-0.38167269E-09	0.24572107E-08
64	-0.17349916E-09	0.17242849E-08
65	-0.32894704E-10	0.11089892E-08
66	0.52553524E-10	0.62133837E-09
67	0.95502550E-10	0.25757491E-09
68	0.10781057E-09	0.60734191E-11
69	0.99938821E-10	-0.14878038E-09
70	0.80744252E-10	-0.22294151E-09
71	0.57577734E-10	-0.23028632E-09
72	0.36131893E-10	-0.19428394E-09
73	0.19228206E-10	-0.14306376E-09
74	0.74736025E-11	-0.93209801E-10
75	0.27784906E-12	-0.52607727E-10
76	-0.34284511E-11	-0.23420888E-10
77	-0.47571244E-11	-0.47579211E-11
78	-0.46598563E-11	0.55104103E-11
79	-0.38532116E-11	0.98336573E-11
80	-0.28174804E-11	0.10426245E-10
81	-0.18344787E-11	0.90233567E-11
82	-0.10389891E-11	0.68350646E-11
83	-0.46878419E-12	0.46072187E-11
84	-0.10603165E-12	0.27247857E-11
85	0.92261207E-13	0.13250015E-11
86	0.17483237E-12	0.40112873E-12
87	0.18568055E-12	-0.12693632E-12
88	0.15903468E-12	-0.36731436E-12
89	0.11836113E-12	-0.42338840E-12

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.77727355E-13	-0.37835170E-12
91	0.44100869E-13	-0.29101285E-12
92	0.19718160E-13	-0.19787271E-12
93	0.40868556E-14	-0.11791668E-12
94	-0.45340073E-14	-0.58025633E-13
95	-0.81839663E-14	-0.18105465E-13
96	-0.87105226E-14	0.51520372E-14
97	-0.75624940E-14	0.16141487E-13
98	-0.57500620E-14	0.19095834E-13
99	-0.38957349E-14	0.17477954E-13
100	-0.23232430E-14	0.13796915E-13
101	-0.11511987E-14	0.96704710E-14
102	-0.37409914E-15	0.59955182E-14
103	0.75596387E-16	0.31513073E-14
104	0.28583225E-15	0.11971947E-14
105	0.34093489E-15	0.20069071E-16
106	0.30948003E-15	-0.56803803E-15
107	0.24045910E-15	-0.76219069E-15
108	0.16467587E-15	-0.72732374E-15
109	0.98577986E-16	-0.58494798E-15
110	0.48637853E-16	-0.41402497E-15
111	0.15258605E-16	-0.25853357E-15
112	-0.42079766E-17	-0.13721572E-15
113	-0.13428098E-16	-0.53204621E-16
114	-0.15935725E-16	-0.17982656E-17
115	-0.14619802E-16	0.24646561E-16
116	-0.11573568E-16	0.34076754E-16
117	-0.81444344E-17	0.33307460E-16
118	-0.50810529E-17	0.27468857E-16
119	-0.27047896E-17	0.20006457E-16
120	-0.10667085E-17	0.12935647E-16
121	-0.72247286E-19	0.72272234E-17
122	0.43332547E-18	0.31564803E-17
123	0.60883797E-18	0.57941427E-18
124	0.58847717E-18	-0.81958658E-18
125	0.47251095E-18	-0.13908796E-17
126	0.32746685E-18	-0.14472043E-17
127	0.19223743E-18	-0.12285082E-17
128	0.85189574E-19	-0.90708109E-18
129	0.10404774E-19	-0.59814748E-18
130	-0.36531960E-19	-0.35197499E-18
131	-0.62112100E-19	-0.16945877E-18
132	-0.72224810E-19	-0.40975397E-19
133	-0.71781732E-19	0.43271378E-19
134	-0.64734011E-19	0.92613772E-19
135	-0.54139559E-19	0.11553880E-18

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.42258706E-19	0.11949019E-18
137	-0.30663366E-19	0.11078623E-18
138	-0.20350667E-19	0.94606101E-19
139	-0.11855716E-19	0.75018845E-19
140	-0.53597782E-20	0.55045180E-19
141	-0.79071944E-21	0.36750352E-19
142	0.20873218E-20	0.21366411E-19
143	0.35977655E-20	0.94385573E-20
144	0.40908698E-20	0.98579916E-21
145	0.38992607E-20	-0.43369059E-20
146	0.33092039E-20	-0.70881503E-20
147	0.25458723E-20	-0.79121441E-20
148	0.17699684E-20	-0.74403361E-20
149	0.10825888E-20	-0.62250127E-20
150	0.53518565E-21	-0.47030969E-20
151	0.14183213E-21	-0.31852997E-20
152	-0.10842388E-21	-0.18639911E-20
153	-0.24063678E-21	-0.83280311E-21
154	-0.28531748E-21	-0.11160433E-21
155	-0.27233872E-21	0.32816220E-21
156	-0.22724303E-21	0.54118872E-21
157	-0.16954472E-21	0.59090231E-21
158	-0.11249995E-21	0.53749463E-21
159	-0.63815761E-22	0.43098811E-21
160	-0.26838667E-22	0.30839127E-21
161	-0.18714410E-23	0.19377632E-21
162	0.12615815E-22	0.10013791E-21
163	0.19008632E-22	0.32074248E-22
164	0.19849747E-22	-0.11416938E-22
165	0.17406347E-22	-0.34475052E-22
166	0.13456885E-22	-0.42468737E-22
167	0.92381402E-23	-0.40696204E-22
168	0.54939066E-23	-0.33635783E-22
169	0.25758040E-23	-0.24630752E-22
170	0.55944028E-24	-0.15875206E-22
171	-0.64782929E-24	-0.85774243E-23
172	-0.12201159E-23	-0.32017845E-23
173	-0.13512998E-23	0.28044646E-24
174	-0.12170099E-23	0.21731765E-23
175	-0.95587597E-24	0.28895632E-23
176	-0.66459017E-24	0.28411648E-23
177	-0.40155281E-24	0.23754706E-23
178	-0.19480459E-24	0.17505200E-23
179	-0.51153072E-25	0.11344418E-23
180	0.35442732E-25	0.61913235E-24
181	0.77204738E-25	0.23976296E-24

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.87866169E-25	-0.54809852E-26
183	0.79845321E-25	-0.13862141E-24
184	0.62887455E-25	-0.18939476E-24
185	0.43734892E-25	-0.18711249E-24
186	0.26418437E-25	-0.15622585E-24
187	0.12846163E-25	-0.11464597E-24
188	0.34629299E-26	-0.73855475E-25
189	-0.21558132E-26	-0.39991396E-25
190	-0.48408030E-26	-0.15290924E-25
191	-0.55111810E-26	0.49406401E-27
192	-0.49870939E-26	0.89259442E-26
193	-0.39035395E-26	0.12031398E-25
194	-0.26932547E-26	0.11763639E-25
195	-0.16099535E-26	0.97216314E-26
196	-0.76976006E-27	0.70546760E-26
197	-0.19583326E-27	0.44832722E-26
198	0.14249214E-27	0.23798019E-26
199	0.29986859E-27	0.86857640E-27
200	0.33496710E-27	-0.79858174E-28
201	0.29907802E-27	-0.57286069E-27
202	0.23118543E-27	-0.74214911E-27
203	0.15732865E-27	-0.71102445E-27
204	0.92372644E-28	-0.57813697E-27
205	0.42782680E-28	-0.41280662E-27
206	0.94832362E-29	-0.25731873E-27
207	-0.97062491E-29	-0.13258629E-27
208	-0.18261790E-28	-0.44686898E-28
209	-0.19777158E-28	0.92066132E-29
210	-0.17317264E-28	0.36196243E-28
211	-0.13161217E-28	0.44486665E-28
212	-0.87953534E-29	0.41514392E-28
213	-0.50404208E-29	0.33079637E-28
214	-0.22290683E-29	0.23155615E-28
215	-0.38069149E-30	0.14089786E-28
216	0.65409081E-30	0.69800177E-29
217	0.10890105E-29	0.20812013E-29
218	0.11362676E-29	-0.83951963E-30
219	0.97198854E-30	-0.22337821E-29
220	0.72399689E-30	-0.25934734E-29
221	0.47340708E-30	-0.23497660E-29
222	0.26324655E-30	-0.18299724E-29
223	0.10934742E-30	-0.12521342E-29
224	0.10615639E-31	-0.74041831E-30
225	-0.42743187E-31	-0.34891091E-30
226	-0.63448201E-31	-0.85853264E-31
227	-0.63622415E-31	0.65947155E-31

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.53045787E-31	0.13413721E-30
229	-0.38632381E-31	0.14720498E-30
230	-0.24637282E-31	0.12929790E-30
231	-0.13211278E-31	0.98236510E-31
232	-0.50445587E-32	0.65537771E-31
233	0.51223469E-34	0.37487446E-31
234	0.26910713E-32	0.16581350E-31
235	0.36088815E-32	0.29168948E-32
236	0.34768383E-32	-0.46759226E-32
237	0.28216401E-32	-0.78304454E-32
238	0.20053901E-32	-0.81457365E-32
239	0.12434288E-32	-0.69329481E-32
240	0.63841121E-33	-0.51318377E-32
241	0.21708247E-33	-0.33300910E-32
242	-0.37760495E-34	-0.18329493E-32
243	-0.16322180E-33	-0.74724004E-33
244	-0.20044640E-33	-0.58667436E-34
245	-0.18570211E-33	0.30750069E-33
246	-0.14657951E-33	0.44467115E-33
247	-0.10149319E-33	0.44008213E-33
248	-0.60980727E-34	0.36296373E-33
249	-0.29713343E-34	0.26145834E-33
250	-0.85338537E-35	0.16460910E-33
251	0.38377265E-35	0.86637389E-34
252	0.95607424E-35	0.31679220E-34
253	0.10881292E-34	-0.20473129E-35
254	0.97077875E-35	-0.19078615E-34
255	0.74492033E-35	-0.24600873E-34
256	0.50166621E-35	-0.23251644E-34
257	0.29091431E-35	-0.18594358E-34
258	0.13280219E-35	-0.13030137E-34
259	0.28696364E-36	-0.79504809E-35
260	-0.29931764E-36	-0.39881272E-35
261	-0.55232459E-36	-0.12756582E-35
262	-0.59113886E-36	0.33612258E-36
263	-0.51277089E-36	0.11177791E-35
264	-0.38563671E-36	0.13578251E-35
265	-0.25094388E-36	0.13057303E-35
266	-0.12802693E-36	0.11475476E-35
267	-0.21046602E-37	0.10009978E-35
268	0.74340201E-37	0.91947537E-36
269	0.16484404E-36	0.89781995E-36

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.16213240E-03	-0.71779796E-04
2	0.15495442E-03	-0.71779788E-04
3	0.14777645E-03	-0.71779774E-04
4	0.14059847E-03	-0.71779737E-04
5	0.13342050E-03	-0.71779687E-04
6	0.12624254E-03	-0.71779643E-04
7	0.11906456E-03	-0.71779621E-04
8	0.11188661E-03	-0.71779643E-04
9	0.10470863E-03	-0.71779701E-04
10	0.97530661E-04	-0.71779803E-04
11	0.90352674E-04	-0.71779941E-04
12	0.83174673E-04	-0.71780116E-04
13	0.75996650E-04	-0.71780334E-04
14	0.68818605E-04	-0.71780596E-04
15	0.61640530E-04	-0.71780894E-04
16	0.54462424E-04	-0.71781236E-04
17	0.47284280E-04	-0.71781629E-04
18	0.40106093E-04	-0.71782088E-04
19	0.32938213E-04	-0.71472037E-04
20	0.25862259E-04	-0.69644826E-04
21	0.19138892E-04	-0.63928288E-04
22	0.13206453E-04	-0.54316191E-04
23	0.83230025E-05	-0.43283606E-04
24	0.45427287E-05	-0.32461121E-04
25	0.17918145E-05	-0.22807559E-04
26	-0.72951487E-07	-0.14779051E-04
27	-0.12216736E-05	-0.84808826E-05
28	-0.18235404E-05	-0.38150852E-05
29	-0.20324305E-05	-0.58148703E-06
30	-0.19791482E-05	0.14728015E-05
31	-0.17684108E-05	0.26108762E-05
32	-0.14793206E-05	0.30785172E-05
33	-0.11679551E-05	0.30887245E-05
34	-0.87103632E-06	0.28151167E-05
35	-0.60993477E-06	0.23914197E-05
36	-0.39454216E-06	0.19140286E-05
37	-0.22678634E-06	0.14469186E-05
38	-0.10354037E-06	0.10283503E-05
39	-0.18862558E-07	0.67739364E-06
40	0.34379568E-07	0.39967344E-06
41	0.63420906E-07	0.19241649E-06
42	0.74953157E-07	0.47868184E-07
43	0.74730593E-07	-0.44598526E-07

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.67386317E-07	-0.96479248E-07
45	0.56423797E-07	-0.11868846E-06
46	0.44320725E-07	-0.12073471E-06
47	0.32691048E-07	-0.11035509E-06
48	0.22466930E-07	-0.93458731E-07
49	0.14076078E-07	-0.74259120E-07
50	0.75996658E-08	-0.55522708E-07
51	0.29021647E-08	-0.38867451E-07
52	-0.26853597E-09	-0.25053540E-07
53	-0.22087823E-08	-0.14246807E-07
54	-0.32121523E-08	-0.62677250E-08
55	-0.35447316E-08	-0.76076717E-09
56	-0.34319385E-08	0.27172107E-08
57	-0.30536700E-08	0.46237671E-08
58	-0.25453872E-08	0.53842553E-08
59	-0.20027811E-08	0.53658837E-08
60	-0.14882295E-08	0.48669406E-08
61	-0.10377923E-08	0.41160151E-08
62	-0.66796363E-09	0.32769771E-08
63	-0.38171705E-09	0.24583326E-08
64	-0.17345483E-09	0.17249557E-08
65	-0.32801147E-10	0.11093213E-08
66	0.52667617E-10	0.62143246E-09
67	0.95617729E-10	0.25751512E-09
68	0.10791492E-09	0.59261953E-11
69	0.10002621E-09	-0.14896546E-09
70	0.80812745E-10	-0.22312960E-09
71	0.57628263E-10	-0.23045453E-09
72	0.36166826E-10	-0.19442981E-09
73	0.19249628E-10	-0.14318534E-09
74	0.74845278E-11	-0.93297800E-10
75	0.28161997E-12	-0.52663686E-10
76	-0.34289336E-11	-0.23451291E-10
77	-0.47596870E-11	-0.47703603E-11
78	-0.46630525E-11	0.55091725E-11
79	-0.38561975E-11	0.98383558E-11
80	-0.28198585E-11	0.10433223E-10
81	-0.18361443E-11	0.90303529E-11
82	-0.10400082E-11	0.68408699E-11
83	-0.46930331E-12	0.46113985E-11
84	-0.10621202E-12	0.27274231E-11
85	0.92280201E-13	0.13264146E-11
86	0.17494701E-12	0.40168959E-12
87	0.18582277E-12	-0.12689615E-12
88	0.15916583E-12	-0.36754050E-12
89	0.11846387E-12	-0.42370838E-12

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.77797923E-13	-0.37866325E-12
91	0.44142976E-13	-0.29126560E-12
92	0.19738680E-13	-0.19805164E-12
93	0.40929788E-14	-0.11802781E-12
94	-0.45362142E-14	-0.58083936E-13
95	-0.81900530E-14	-0.18127401E-13
96	-0.87175928E-14	0.51521863E-14
97	-0.75689128E-14	0.16152861E-13
98	-0.57551023E-14	0.19111088E-13
99	-0.38992484E-14	0.17492725E-13
100	-0.23254004E-14	0.13809069E-13
101	-0.11523062E-14	0.96792733E-14
102	-0.37449148E-15	0.60011043E-14
103	0.75627555E-16	0.31543200E-14
104	0.28606804E-15	0.11984011E-14
105	0.34123048E-15	0.20163338E-16
106	0.30975256E-15	-0.56851809E-15
107	0.24067091E-15	-0.76287805E-15
108	0.16481821E-15	-0.72800041E-15
109	0.98658249E-16	-0.58549998E-15
110	0.48671284E-16	-0.41440764E-15
111	0.15262139E-16	-0.25875266E-15
112	-0.42194107E-17	-0.13730249E-15
113	-0.13443209E-16	-0.53197795E-16
114	-0.15947194E-16	-0.17398117E-17
115	-0.14624495E-16	0.24718451E-16
116	-0.11571459E-16	0.34138078E-16
117	-0.81371279E-17	0.33350265E-16
118	-0.50702631E-17	0.27496711E-16
119	-0.26917197E-17	0.20025141E-16
120	-0.10520792E-17	0.12948247E-16
121	-0.56794156E-19	0.72296396E-17
122	0.44820073E-18	0.31415921E-17
123	0.62132472E-18	0.54755872E-18
124	0.59718366E-18	-0.86233977E-18
125	0.47662188E-18	-0.14392853E-17
126	0.32652740E-18	-0.15002072E-17
127	0.18577718E-18	-0.12852270E-17
128	0.73083204E-19	-0.96221009E-18
129	-0.68764356E-20	-0.64554131E-18
130	-0.57957243E-19	-0.38683817E-18
131	-0.86282499E-19	-0.18928800E-18
132	-0.97609930E-19	-0.45590334E-19
133	-0.96929877E-19	0.52228103E-19
134	-0.88420056E-19	0.11237402E-18
135	-0.75443344E-19	0.14287170E-18

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.60584440E-19	0.15120763E-18
137	-0.45717940E-19	0.14405991E-18
138	-0.32098786E-19	0.12712238E-18
139	-0.20465576E-19	0.10502150E-18
140	-0.11148006E-19	0.81314995E-19
141	-0.41709859E-20	0.58556232E-19
142	0.65020183E-21	0.38406316E-19
143	0.36275957E-20	0.21775959E-19
144	0.51332446E-20	0.89811369E-20
145	0.55475760E-20	-0.10109997E-21
146	0.52228923E-20	-0.58873082E-20
147	0.44605468E-20	-0.89605430E-20
148	0.34997010E-20	-0.99662614E-20
149	0.25152484E-20	-0.95333600E-20
150	0.16223737E-20	-0.82201178E-20
151	0.88535720E-21	-0.64829053E-20
152	0.32851139E-21	-0.46641298E-20
153	-0.52459197E-22	-0.29950677E-20
154	-0.27993523E-21	-0.16089991E-20
155	-0.38550345E-21	-0.56026396E-21
156	-0.40312014E-21	0.15450765E-21
157	-0.36438071E-21	0.57591567E-21
158	-0.29571293E-21	0.76404609E-21
159	-0.21715887E-21	0.78455572E-21
160	-0.14234018E-21	0.69891370E-21
161	-0.79200291E-22	0.55854629E-21
162	-0.31161716E-22	0.40225507E-21
163	0.15884334E-23	0.25609520E-21
164	0.20888497E-22	0.13487054E-21
165	0.29590687E-22	0.44490297E-22
166	0.30802317E-22	-0.15417111E-22
167	0.27382804E-22	-0.49058379E-22
168	0.21665588E-22	-0.62451265E-22
169	0.15356358E-22	-0.61929980E-22
170	0.95539070E-23	-0.53179272E-22
171	0.48439018E-23	-0.40726591E-22
172	0.14248317E-23	-0.27786619E-22
173	-0.76334707E-24	-0.16344403E-22
174	-0.19264372E-23	-0.73738402E-23
175	-0.23283048E-23	-0.11089729E-23
176	-0.22304269E-23	0.26900453E-23
177	-0.18562240E-23	0.45112174E-23
178	-0.13752335E-23	0.49208832E-23
179	-0.90135040E-24	0.44514604E-23
180	-0.49968945E-24	0.35395972E-23
181	-0.19758118E-24	0.25032258E-23

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.35626626E-26	0.15450622E-23
183	0.11757694E-24	0.77126960E-24
184	0.16511378E-24	0.21639280E-24
185	0.16775019E-24	-0.13164353E-24
186	0.14443622E-24	-0.31014545E-24
187	0.10982567E-24	-0.36551010E-24
188	0.73945806E-25	-0.34252654E-24
189	0.42690974E-25	-0.27842488E-24
190	0.18719443E-25	-0.20056479E-24
191	0.24489861E-26	-0.12657558E-24
192	-0.70391684E-26	-0.65891228E-25
193	-0.11284331E-25	-0.21859006E-25
194	-0.11945433E-25	0.61393370E-26
195	-0.10498414E-25	0.20879144E-25
196	-0.80923355E-26	0.25936992E-25
197	-0.55175474E-26	0.24798906E-25
198	-0.32422950E-26	0.20368609E-25
199	-0.14824959E-26	0.14778204E-25
200	-0.27960210E-27	0.93993647E-26
201	0.42890359E-27	0.49663235E-26
202	0.75399055E-27	0.17431211E-26
203	0.81653170E-27	-0.30996410E-27
204	0.72422742E-27	-0.13961590E-26
205	0.56076623E-27	-0.17783652E-26
206	0.38351096E-27	-0.17118734E-26
207	0.22630399E-27	-0.14080079E-26
208	0.10468984E-27	-0.10207287E-26
209	0.21668629E-28	-0.64813850E-27
210	-0.27154989E-28	-0.34206232E-27
211	-0.49564800E-28	-0.12061503E-27
212	-0.53987626E-28	0.19543425E-28
213	-0.47877683E-28	0.93054898E-28
214	-0.36979712E-28	0.11847442E-27
215	-0.25193345E-28	0.11357751E-27
216	-0.14790268E-28	0.92898820E-28
217	-0.67911946E-29	0.66891712E-28
218	-0.13709399E-29	0.42114154E-28
219	0.17854115E-29	0.21949843E-28
220	0.32097992E-29	0.75086539E-29
221	0.34676275E-29	-0.15179838E-29
222	0.30522578E-29	-0.61629691E-29
223	0.23390107E-29	-0.76886411E-29
224	0.15790043E-29	-0.72800686E-29
225	0.91570361E-30	-0.58902984E-29
226	0.41118393E-30	-0.41933513E-29
227	0.73463160E-31	-0.26035097E-29

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.11998201E-30	-0.13275888E-29
229	-0.20455673E-30	-0.42673191E-30
230	-0.21691291E-30	0.12658979E-30
231	-0.18845637E-30	0.40338363E-30
232	-0.14268705E-30	0.48665128E-30
233	-0.95042521E-31	0.45242685E-30
234	-0.54119607E-31	0.36066478E-30
235	-0.23441946E-31	0.25293138E-30
236	-0.32350460E-32	0.15414663E-30
237	0.80829372E-32	0.76228605E-31
238	0.12806016E-31	0.22170829E-31
239	0.13236291E-31	-0.10311312E-31
240	0.11304846E-31	-0.25960702E-31
241	0.84290402E-32	-0.30063391E-31
242	0.55199518E-32	-0.27332545E-31
243	0.30691245E-32	-0.21403905E-31
244	0.12636145E-32	-0.14741955E-31
245	0.97348691E-34	-0.87815474E-32
246	-0.53774031E-33	-0.41724991E-32
247	-0.78634015E-33	-0.10391227E-32
248	-0.78887766E-33	0.79486974E-33
249	-0.66043038E-33	0.16369385E-32
250	-0.48366376E-33	0.18137927E-32
251	-0.31040733E-33	0.16085808E-32
252	-0.16757248E-33	0.12346228E-32
253	-0.64406627E-34	0.83294924E-33
254	0.73894463E-36	0.48292297E-33
255	0.35017087E-34	0.21807025E-33
256	0.47314566E-34	0.42064618E-34
257	0.45966349E-34	-0.57850847E-34
258	0.37635808E-34	-0.10102394E-33
259	0.26998626E-34	-0.10708511E-33
260	0.16905064E-34	-0.92557926E-34
261	0.87687667E-35	-0.69578923E-34
262	0.30110280E-35	-0.45947465E-34
263	-0.53923288E-36	-0.25871210E-34
264	-0.23352351E-35	-0.10955581E-34
265	-0.29009267E-35	-0.11572849E-35
266	-0.27067207E-35	0.44401523E-35
267	-0.21116808E-35	0.70740553E-35
268	-0.13502088E-35	0.79589850E-35
269	-0.54445275E-36	0.81068480E-35

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.14818042E-03	-0.34529661E-04
2	0.14473309E-03	-0.34360688E-04
3	0.14132936E-03	-0.33559230E-04
4	0.13805977E-03	-0.31602158E-04
5	0.13505807E-03	-0.28170854E-04
6	0.13247581E-03	-0.23233362E-04
7	0.13045968E-03	-0.16847749E-04
8	0.12915452E-03	-0.90140165E-05
9	0.12870514E-03	0.26783732E-06
10	0.12925635E-03	0.10997812E-04
11	0.13095298E-03	0.23175906E-04
12	0.13393981E-03	0.36802121E-04
13	0.13836168E-03	0.51876457E-04
14	0.14436337E-03	0.68398913E-04
15	0.15208972E-03	0.86369495E-04
16	0.16168554E-03	0.10578819E-03
17	0.17321770E-03	0.12431694E-03
18	0.18644132E-03	0.13961765E-03
19	0.20103363E-03	0.15169034E-03
20	0.21667179E-03	0.16053500E-03
21	0.23303303E-03	0.16615164E-03
22	0.24979451E-03	0.16854024E-03
23	0.26663346E-03	0.16770083E-03
24	0.28322710E-03	0.16363338E-03
25	0.29925254E-03	0.15633790E-03
26	0.31438706E-03	0.14581440E-03
27	0.32830783E-03	0.13206287E-03
28	0.34069203E-03	0.11508330E-03
29	0.35121688E-03	0.94875715E-04
30	0.35956080E-03	0.71476912E-04
31	0.36541023E-03	0.45017223E-04
32	0.36847036E-03	0.15740352E-04
33	0.36847632E-03	-0.15996593E-04
34	0.36520470E-03	-0.49723119E-04
35	0.35848483E-03	-0.84855346E-04
36	0.34821001E-03	-0.12069599E-03
37	0.33434902E-03	-0.15643440E-03
38	0.31695736E-03	-0.19114649E-03
39	0.29618852E-03	-0.22379485E-03
40	0.27230554E-03	-0.25322865E-03
41	0.24569209E-03	-0.27818361E-03
42	0.21686403E-03	-0.29728215E-03
43	0.18648058E-03	-0.30903323E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15535577E-03	-0.31183253E-03
45	0.12448400E-03	-0.30353427E-03
46	0.95148309E-04	-0.28025452E-03
47	0.68872992E-04	-0.24377777E-03
48	0.46582500E-04	-0.20160851E-03
49	0.28564964E-04	-0.15902912E-03
50	0.14675964E-04	-0.11947110E-03
51	0.45049651E-05	-0.84886415E-04
52	-0.24948095E-05	-0.56106466E-04
53	-0.69120115E-05	-0.33197022E-04
54	-0.93171029E-05	-0.15774238E-04
55	-0.10228613E-04	-0.32040739E-05
56	-0.10094218E-04	0.52770829E-05
57	-0.92830305E-05	0.10463207E-04
58	-0.80861764E-05	0.13111325E-04
59	-0.67227470E-05	0.13900009E-04
60	-0.53488711E-05	0.13407802E-04
61	-0.40681634E-05	0.12106299E-04
62	-0.29423247E-05	0.10363390E-04
63	-0.20010698E-05	0.84529411E-05
64	-0.12508841E-05	0.65680642E-05
65	-0.68238347E-06	0.48353941E-05
66	-0.27627806E-06	0.33285417E-05
67	-0.80186249E-08	0.20813850E-05
68	0.14888370E-06	0.11007708E-05
69	0.22072035E-06	0.37770116E-06
70	0.23243506E-06	-0.10503445E-06
71	0.20703352E-06	-0.36816817E-06
72	0.16453419E-06	-0.45931935E-06
73	0.11868982E-06	-0.44486583E-06
74	0.77394709E-07	-0.37540156E-06
75	0.44275659E-07	-0.28595281E-06
76	0.20145873E-07	-0.19825234E-06
77	0.41865773E-08	-0.12371028E-06
78	-0.51712385E-08	-0.66419837E-07
79	-0.96635064E-08	-0.26112900E-07
80	-0.10881378E-07	-0.43275108E-09
81	-0.10131502E-07	0.13804054E-07
82	-0.83934877E-08	0.19853243E-07
83	-0.63381029E-08	0.20584940E-07
84	-0.43776724E-08	0.18281467E-07
85	-0.27276448E-08	0.14602936E-07
86	-0.14662295E-08	0.10650077E-07
87	-0.58513633E-09	0.70720123E-08
88	-0.29065625E-10	0.41767882E-08
89	0.27543309E-09	0.20379176E-08

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.40182230E-09	0.59817928E-09
91	0.41433881E-09	-0.26346325E-09
92	0.36353981E-09	-0.69280104E-09
93	0.28555722E-09	-0.82878032E-09
94	0.20369771E-09	-0.78734053E-09
95	0.13109017E-09	-0.65586869E-09
96	0.73531820E-10	-0.49416143E-09
97	0.32047486E-10	-0.33876599E-09
98	0.49450149E-11	-0.20837869E-09
99	-0.10668229E-10	-0.10919076E-09
100	-0.17897473E-10	-0.40132897E-10
101	-0.19550138E-10	0.32651098E-11
102	-0.17906392E-10	0.26804873E-10
103	-0.14657678E-10	0.36289180E-10
104	-0.10948914E-10	0.36762766E-10
105	-0.74732538E-11	0.32192488E-10
106	-0.45834165E-11	0.25432198E-10
107	-0.23975568E-11	0.18349622E-10
108	-0.88818736E-12	0.12026190E-10
109	0.49644740E-13	0.69616630E-11
110	0.54965955E-12	0.32625649E-11
111	0.74367145E-12	0.80887863E-12
112	0.74524859E-12	-0.63040794E-12
113	0.64253849E-12	-0.13212354E-11
114	0.49768761E-12	-0.15114787E-11
115	0.35014035E-12	-0.14047942E-11
116	0.22157868E-12	-0.11526132E-11
117	0.12106379E-12	-0.85705022E-12
118	0.49574724E-13	-0.57930445E-12
119	0.35984446E-14	-0.34969233E-12
120	-0.22268406E-13	-0.17722014E-12
121	-0.33645677E-13	-0.58750768E-13
122	-0.35529915E-13	0.14377913E-13
123	-0.31924238E-13	0.52882296E-13
124	-0.25759278E-13	0.67212058E-13
125	-0.18989779E-13	0.66303252E-13
126	-0.12775504E-13	0.57088157E-13
127	-0.76849919E-14	0.44487695E-13
128	-0.38851567E-14	0.31671473E-13
129	-0.12982317E-14	0.20429230E-13
130	0.27926311E-15	0.11544208E-13
131	0.10933250E-14	0.51406421E-14
132	0.13816044E-14	0.96346430E-15
133	0.13454956E-14	-0.14293803E-14
134	0.11389694E-14	-0.25249944E-14
135	0.86894479E-15	-0.27671681E-14

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.60202803E-15	-0.25145742E-14
137	0.37376396E-15	-0.20299594E-14
138	0.19796022E-15	-0.14876234E-14
139	0.74758771E-16	-0.98970284E-15
140	-0.30747120E-17	-0.58461309E-15
141	-0.45664403E-16	-0.28454005E-15
142	-0.63218456E-16	-0.81538932E-16
143	-0.64645422E-16	0.41265228E-16
144	-0.56978411E-16	0.10367927E-15
145	-0.45294379E-16	0.12454902E-15
146	-0.32925266E-16	0.11971907E-15
147	-0.21803232E-16	0.10130912E-15
148	-0.12833133E-16	0.77808407E-16
149	-0.62323410E-17	0.54583968E-16
150	-0.18090980E-17	0.34576772E-16
151	0.83062923E-18	0.18998052E-16
152	0.21412319E-17	0.79409107E-17
153	0.25513426E-17	0.85970840E-18
154	0.24178107E-17	-0.30823802E-17
155	0.20097298E-17	-0.47785744E-17
156	0.15099997E-17	-0.50376503E-17
157	0.10290891E-17	-0.44900468E-17
158	0.62381567E-18	-0.35876833E-17
159	0.31365332E-18	-0.26222912E-17
160	0.96152050E-19	-0.17530596E-17
161	-0.42603553E-19	-0.10531766E-17
162	-0.12063222E-18	-0.53776196E-18
163	-0.15581170E-18	-0.19201969E-18
164	-0.16351993E-18	0.19209476E-19
165	-0.15495953E-18	0.14074656E-18
166	-0.13718783E-18	0.20776741E-18
167	-0.11463507E-18	0.23791767E-18
168	-0.90531519E-19	0.24025094E-18
169	-0.67233621E-19	0.22312191E-18
170	-0.46312149E-19	0.19384251E-18
171	-0.28668261E-19	0.15846892E-18
172	-0.14664274E-19	0.12171806E-18
173	-0.42570313E-20	0.86995677E-19
174	0.28761294E-20	0.56511325E-19
175	0.72260665E-20	0.31451963E-19
176	0.93596690E-20	0.12187009E-19
177	0.98487710E-20	-0.15188525E-20
178	0.92199247E-20	-0.10303926E-19
179	0.79232109E-20	-0.15032251E-19
180	0.63171977E-20	-0.16648866E-19
181	0.46665911E-20	-0.16070867E-19

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.31489992E-20	-0.14113624E-19
183	0.18674596E-20	-0.11448587E-19
184	0.86582334E-21	-0.85873061E-20
185	0.14468763E-21	-0.58853476E-20
186	-0.32379168E-21	-0.35597544E-20
187	-0.58326639E-21	-0.17142547E-20
188	-0.68326265E-21	-0.36735647E-21
189	-0.67204441E-21	0.52033881E-21
190	-0.59205982E-21	0.10220864E-20
191	-0.47756857E-21	0.12255914E-20
192	-0.35395424E-21	0.12187156E-20
193	-0.23821724E-21	0.10800861E-20
194	-0.14018736E-21	0.87394671E-21
195	-0.64076199E-22	0.64835804E-21
196	-0.10081691E-22	0.43579100E-21
197	0.24148416E-22	0.25521642E-21
198	0.42304809E-22	0.11493837E-21
199	0.48500522E-22	0.15593240E-22
200	0.46645841E-22	-0.47080412E-22
201	0.40078530E-22	-0.79931319E-22
202	0.31397611E-22	-0.90641241E-22
203	0.22444481E-22	-0.86525211E-22
204	0.14378823E-22	-0.73821471E-22
205	0.78050206E-23	-0.57372699E-22
206	0.29153923E-23	-0.40590674E-22
207	-0.37291131E-24	-0.25602575E-22
208	-0.23010923E-23	-0.13493565E-22
209	-0.31781543E-23	-0.45804562E-23
210	-0.33173415E-23	0.13279159E-23
211	-0.29967883E-23	0.47097722E-23
212	-0.24397614E-23	0.61603970E-23
213	-0.18092748E-23	0.62740463E-23
214	-0.12121406E-23	0.55720405E-23
215	-0.70827102E-24	0.44679046E-23
216	-0.32203883E-24	0.32593940E-23
217	-0.53492257E-25	0.21378825E-23
218	0.11189689E-24	0.12071477E-23
219	0.19557475E-24	0.50553727E-24
220	0.22045443E-24	0.27429255E-25
221	0.20746993E-24	-0.25839913E-24
222	0.17376354E-24	-0.39455916E-24
223	0.13207823E-24	-0.42511527E-24
224	0.90947392E-25	-0.38946428E-24
225	0.55336818E-25	-0.31927000E-24
226	0.27475501E-25	-0.23761235E-24
227	0.76939653E-26	-0.15956614E-24

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.48390384E-26	-0.93559279E-25
229	-0.11533543E-25	-0.43021981E-25
230	-0.13960589E-25	-0.79993115E-26
231	-0.13585393E-25	0.13463762E-25
232	-0.11623761E-25	0.24249097E-25
233	-0.89895885E-26	0.27413949E-25
234	-0.63027294E-26	0.25726058E-25
235	-0.39313989E-26	0.21427516E-25
236	-0.20493988E-26	0.16163795E-25
237	-0.69467215E-27	0.11019102E-25
238	0.17892857E-27	0.66096205E-26
239	0.66053600E-27	0.31986603E-26
240	0.85272753E-27	0.80970611E-27
241	0.85257086E-27	-0.67644033E-27
242	0.74131047E-27	-0.14464567E-26
243	0.58043181E-27	-0.17019038E-26
244	0.41195203E-27	-0.16266797E-26
245	0.26113075E-27	-0.13704088E-26
246	0.14023220E-27	-0.10432809E-26
247	0.52405625E-28	-0.71822165E-27
248	-0.48747296E-29	-0.43704021E-27
249	-0.37076300E-28	-0.21807514E-27
250	-0.50642888E-28	-0.63703973E-28
251	-0.51732176E-28	0.33214726E-28
252	-0.45525505E-28	0.84366583E-28
253	-0.35959092E-28	0.10251144E-27
254	-0.25733731E-28	0.99340959E-28
255	-0.16483724E-28	0.84385794E-28
256	-0.90151795E-29	0.64672390E-28
257	-0.35526403E-29	0.44857174E-28
258	0.42105902E-31	0.27617474E-28
259	0.20961985E-29	0.14138092E-28
260	0.30007029E-29	0.45880688E-29
261	0.31301594E-29	-0.14715443E-29
262	0.27983162E-29	-0.47734952E-29
263	0.22404761E-29	-0.61249718E-29
264	0.16135155E-29	-0.62706372E-29
265	0.10062495E-29	-0.58192778E-29
266	0.45478786E-30	-0.52140810E-29
267	-0.40556495E-31	-0.47285782E-29
268	-0.49862637E-30	-0.44740342E-29
269	-0.94166643E-30	-0.44085838E-29

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.14831747E-03	-0.33750715E-04
2	0.14494790E-03	-0.33585886E-04
3	0.14162046E-03	-0.32815959E-04
4	0.13842134E-03	-0.30947205E-04
5	0.13547750E-03	-0.27684149E-04
6	0.13293355E-03	-0.22949596E-04
7	0.13093663E-03	-0.16743543E-04
8	0.12963389E-03	-0.90659905E-05
9	0.12917249E-03	0.83060527E-07
10	0.12969956E-03	0.10703610E-04
11	0.13136226E-03	0.22795659E-04
12	0.13430775E-03	0.36359208E-04
13	0.13868314E-03	0.51394254E-04
14	0.14463563E-03	0.67900801E-04
15	0.15231236E-03	0.85878841E-04
16	0.16186046E-03	0.10532838E-03
17	0.17334902E-03	0.12390754E-03
18	0.18653473E-03	0.13926976E-03
19	0.20109548E-03	0.15140708E-03
20	0.21670847E-03	0.16031398E-03
21	0.23305048E-03	0.16598699E-03
22	0.24979800E-03	0.16842417E-03
23	0.26662744E-03	0.16762481E-03
24	0.28321508E-03	0.16358895E-03
25	0.29923735E-03	0.15631727E-03
26	0.31437070E-03	0.14581071E-03
27	0.32829170E-03	0.13207042E-03
28	0.34067704E-03	0.11509751E-03
29	0.35120349E-03	0.94893119E-04
30	0.35954922E-03	0.71495051E-04
31	0.36540042E-03	0.45034511E-04
32	0.36846218E-03	0.15755979E-04
33	0.36846960E-03	-0.15982807E-04
34	0.36519929E-03	-0.49711063E-04
35	0.35848055E-03	-0.84844905E-04
36	0.34820670E-03	-0.12068706E-03
37	0.33434655E-03	-0.15642686E-03
38	0.31695556E-03	-0.19114024E-03
39	0.29618730E-03	-0.22378977E-03
40	0.27230475E-03	-0.25322460E-03
41	0.24569166E-03	-0.27818052E-03
42	0.21686386E-03	-0.29727991E-03
43	0.18648061E-03	-0.30903169E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15535593E-03	-0.31183154E-03
45	0.12448421E-03	-0.30353374E-03
46	0.95148564E-04	-0.28025432E-03
47	0.68873262E-04	-0.24377783E-03
48	0.46582751E-04	-0.20160872E-03
49	0.28565186E-04	-0.15902947E-03
50	0.14676150E-04	-0.11947148E-03
51	0.45051124E-05	-0.84886793E-04
52	-0.24946985E-05	-0.56106812E-04
53	-0.69119328E-05	-0.33197321E-04
54	-0.93170511E-05	-0.15774482E-04
55	-0.10228583E-04	-0.32042651E-05
56	-0.10094204E-04	0.52769406E-05
57	-0.92830296E-05	0.10463106E-04
58	-0.80861837E-05	0.13111258E-04
59	-0.67227597E-05	0.13899970E-04
60	-0.53488866E-05	0.13407784E-04
61	-0.40681798E-05	0.12106297E-04
62	-0.29423409E-05	0.10363399E-04
63	-0.20010848E-05	0.84529584E-05
64	-0.12508970E-05	0.65680861E-05
65	-0.68239405E-06	0.48354177E-05
66	-0.27628627E-06	0.33285644E-05
67	-0.80246814E-08	0.20814052E-05
68	0.14887951E-06	0.11007879E-05
69	0.22071771E-06	0.37771471E-06
70	0.23243359E-06	-0.10502433E-06
71	0.20703291E-06	-0.36816118E-06
72	0.16453411E-06	-0.45931500E-06
73	0.11869008E-06	-0.44486353E-06
74	0.77395129E-07	-0.37540070E-06
75	0.44276110E-07	-0.28595295E-06
76	0.20146276E-07	-0.19825305E-06
77	0.41868979E-08	-0.12371120E-06
78	-0.51710094E-08	-0.66420725E-07
79	-0.96633599E-08	-0.26113645E-07
80	-0.10881297E-07	-0.43331114E-09
81	-0.10131467E-07	0.13803673E-07
82	-0.83934832E-08	0.19853012E-07
83	-0.63381158E-08	0.20584823E-07
84	-0.43776924E-08	0.18281430E-07
85	-0.27276661E-08	0.14602946E-07
86	-0.14662481E-08	0.10650112E-07
87	-0.58515104E-09	0.70720554E-08
88	-0.29076035E-10	0.41768295E-08
89	0.27542649E-09	0.20379520E-08

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.40181872E-09	0.59820499E-09
91	0.41433737E-09	-0.26344582E-09
92	0.36353975E-09	-0.69279049E-09
93	0.28555794E-09	-0.82877488E-09
94	0.20369879E-09	-0.78733858E-09
95	0.13109133E-09	-0.65586897E-09
96	0.73532874E-10	-0.49416310E-09
97	0.32048343E-10	-0.33876826E-09
98	0.49456372E-11	-0.20838099E-09
99	-0.10667823E-10	-0.10919274E-09
100	-0.17897243E-10	-0.40134424E-10
101	-0.19550037E-10	0.32640340E-11
102	-0.17906380E-10	0.26804182E-10
103	-0.14657718E-10	0.36288781E-10
104	-0.10948983E-10	0.36762579E-10
105	-0.74733336E-11	0.32192440E-10
106	-0.45834968E-11	0.25432241E-10
107	-0.23976288E-11	0.18349738E-10
108	-0.88824531E-12	0.12026348E-10
109	0.49602802E-13	0.69618200E-11
110	0.54963223E-12	0.32626983E-11
111	0.74365595E-12	0.80898022E-12
112	0.74524160E-12	-0.63033801E-12
113	0.64253713E-12	-0.13211925E-11
114	0.49768945E-12	-0.15114563E-11
115	0.35014366E-12	-0.14047862E-11
116	0.22158229E-12	-0.11526140E-11
117	0.12106706E-12	-0.85705575E-12
118	0.49577330E-13	-0.57931172E-12
119	0.36003195E-14	-0.34969946E-12
120	-0.22267195E-13	-0.17722617E-12
121	-0.33644996E-13	-0.58755335E-13
122	-0.35529620E-13	0.14374778E-13
123	-0.31924191E-13	0.52880379E-13
124	-0.25759373E-13	0.67211075E-13
125	-0.18989938E-13	0.66302913E-13
126	-0.12775675E-13	0.57088225E-13
127	-0.76851452E-14	0.44487973E-13
128	-0.38852774E-14	0.31671816E-13
129	-0.12983189E-14	0.20429542E-13
130	0.27920403E-15	0.11544452E-13
131	0.10932866E-14	0.51408128E-14
132	0.13815800E-14	0.96357600E-15
133	0.13454803E-14	-0.14293058E-14
134	0.11389604E-14	-0.25249389E-14
135	0.86894087E-15	-0.27671207E-14

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.60202856E-15	-0.25145344E-14
137	0.37376793E-15	-0.20299308E-14
138	0.19796632E-15	-0.14876097E-14
139	0.74765348E-16	-0.98970749E-15
140	-0.30696021E-17	-0.58463792E-15
141	-0.45662689E-16	-0.28458203E-15
142	-0.63221434E-16	-0.81588834E-16
143	-0.64653198E-16	0.41222165E-16
144	-0.56989608E-16	0.10365496E-15
145	-0.45306929E-16	0.12454598E-15
146	-0.32937184E-16	0.11973381E-15
147	-0.21813046E-16	0.10133530E-15
148	-0.12840039E-16	0.77839284E-16
149	-0.62361655E-17	0.54613942E-16
150	-0.18101324E-17	0.34602163E-16
151	0.83182099E-18	0.19017005E-16
152	0.21439607E-17	0.79526186E-17
153	0.25548590E-17	0.86366171E-18
154	0.24213088E-17	-0.30868224E-17
155	0.20123290E-17	-0.47922696E-17
156	0.15107312E-17	-0.50614268E-17
157	0.10269244E-17	-0.45241659E-17
158	0.61775208E-18	-0.36312848E-17
159	0.30284349E-18	-0.26731196E-17
160	0.80040361E-19	-0.18075880E-17
161	-0.64174708E-19	-0.11070743E-17
162	-0.14737505E-18	-0.58657693E-18
163	-0.18701822E-18	-0.23192330E-18
164	-0.19815934E-18	-0.92581738E-20
165	-0.19180331E-18	0.12540346E-18
166	-0.17484181E-18	0.20716984E-18
167	-0.15157968E-18	0.25262579E-18
168	-0.12528726E-18	0.26896377E-18
169	-0.98526439E-19	0.26311633E-18
170	-0.73189206E-19	0.24151223E-18
171	-0.50558452E-19	0.20987440E-18
172	-0.31386431E-19	0.17307340E-18
173	-0.15984703E-19	0.13504442E-18
174	-0.43191175E-20	0.98768364E-19
175	0.38962856E-20	0.66311813E-19
176	0.91119098E-20	0.38915219E-19
177	0.11865905E-19	0.17115879E-19
178	0.12720900E-19	0.89097530E-21
179	0.12215451E-19	-0.10193405E-19
180	0.10830161E-19	-0.16839538E-19
181	0.89673665E-20	-0.19890976E-19

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.69424687E-20	-0.20227317E-19
183	0.49845609E-20	-0.18683921E-19
184	0.32438076E-20	-0.15996838E-19
185	0.18031513E-20	-0.12771014E-19
186	0.69216595E-21	-0.94683584E-20
187	-0.98707540E-22	-0.64113194E-20
188	-0.60486946E-21	-0.37974267E-20
189	-0.87609070E-21	-0.17204700E-20
190	-0.96733118E-21	-0.19454297E-21
191	-0.93197779E-21	0.82203174E-21
192	-0.81737723E-21	0.14050325E-20
193	-0.66236402E-21	0.16462495E-20
194	-0.49639026E-21	0.16395788E-20
195	-0.33983416E-21	0.14713315E-20
196	-0.20508095E-21	0.12143755E-20
197	-0.98023780E-22	0.92547808E-21
198	-0.19701617E-22	0.64509193E-21
199	0.32131987E-22	0.39882705E-21
200	0.61642317E-22	0.19991784E-21
201	0.73819048E-22	0.52113559E-22
202	0.73673411E-22	-0.47439245E-22
203	0.65710466E-22	-0.10561419E-21
204	0.53637272E-22	-0.13118817E-21
205	0.40256452E-22	-0.13325346E-21
206	0.27492352E-22	-0.12014560E-21
207	0.16501108E-22	-0.98824455E-22
208	0.78236290E-23	-0.74618271E-22
209	0.15500929E-23	-0.51232928E-22
210	-0.25258046E-23	-0.30933038E-22
211	-0.47759177E-23	-0.14815240E-22
212	-0.56359875E-23	-0.31114901E-23
213	-0.55339062E-23	0.45215405E-23
214	-0.48450354E-23	0.87538909E-23
215	-0.38697513E-23	0.10387547E-22
216	-0.28276376E-23	0.10217861E-22
217	-0.18629055E-23	0.89463879E-23
218	-0.10563128E-23	0.71363331E-23
219	-0.43984493E-24	0.52000958E-23
220	-0.11468484E-25	0.34086128E-23
221	0.25175349E-24	0.19134064E-23
222	0.38307699E-24	0.77412646E-24
223	0.41829675E-24	-0.13614964E-25
224	0.39061752E-24	-0.49345118E-24
225	0.32777449E-24	-0.72824799E-24
226	0.25088893E-24	-0.78541427E-24
227	0.17453589E-24	-0.72725289E-24

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.10755530E-24	-0.60558322E-24
229	0.54227938E-25	-0.45965263E-24
230	0.15537674E-25	-0.31633497E-24
231	-0.96625377E-26	-0.19172177E-24
232	-0.23682553E-25	-0.93384756E-25
233	-0.29263985E-25	-0.22782623E-25
234	-0.29082014E-25	0.22531402E-25
235	-0.25449571E-25	0.47089449E-25
236	-0.20180851E-25	0.56145708E-25
237	-0.14568575E-25	0.54757559E-25
238	-0.94333281E-26	0.47249727E-25
239	-0.52107814E-26	0.36977350E-25
240	-0.20513531E-26	0.26300117E-25
241	0.84748802E-28	0.16688080E-25
242	0.13468784E-26	0.88945038E-26
243	0.19318957E-26	0.31483123E-26
244	0.20409605E-26	-0.66528857E-27
245	0.18530164E-26	-0.28535379E-26
246	0.15116040E-26	-0.38012568E-26
247	0.11213256E-26	-0.38921577E-26
248	0.75055093E-27	-0.34617031E-26
249	0.43753305E-27	-0.27748080E-26
250	0.19781131E-27	-0.20212535E-26
251	0.31462151E-28	-0.13223048E-26
252	-0.70645253E-28	-0.74322465E-27
253	-0.12196976E-27	-0.30775398E-27
254	-0.13685174E-27	-0.11954238E-28
255	-0.12835320E-27	0.16406744E-27
256	-0.10713552E-27	0.24717113E-27
257	-0.81096107E-28	0.26496099E-27
258	-0.55501901E-28	0.24199351E-27
259	-0.33401238E-28	0.19791104E-27
260	-0.16148774E-28	0.14695618E-27
261	-0.39311221E-29	0.98367672E-28
262	0.37737597E-29	0.57249134E-28
263	0.78346168E-29	0.25607965E-28
264	0.92085557E-29	0.33628982E-29
265	0.87767667E-29	-0.10795072E-28
266	0.72567084E-29	-0.18738031E-28
267	0.51706442E-29	-0.22436477E-28
268	0.28515723E-29	-0.23670142E-28
269	0.47091719E-30	-0.23874757E-28

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15056791E-03	-0.35016721E-04
2	0.14707087E-03	-0.34877543E-04
3	0.14360924E-03	-0.34232951E-04
4	0.14025446E-03	-0.32682954E-04
5	0.13710978E-03	-0.30019184E-04
6	0.13428941E-03	-0.26191930E-04
7	0.13191134E-03	-0.21166203E-04
8	0.13009772E-03	-0.14894244E-04
9	0.12897605E-03	-0.73156566E-05
10	0.12868055E-03	0.16420133E-05
11	0.12935339E-03	0.12067768E-04
12	0.13114714E-03	0.24084602E-04
13	0.13422909E-03	0.37864884E-04
14	0.13878646E-03	0.53635515E-04
15	0.14503204E-03	0.71681512E-04
16	0.15321007E-03	0.92346978E-04
17	0.16353032E-03	0.11387885E-03
18	0.17595787E-03	0.13457157E-03
19	0.19043261E-03	0.15490349E-03
20	0.20694279E-03	0.17536180E-03
21	0.22552469E-03	0.19641213E-03
22	0.24625807E-03	0.21844867E-03
23	0.26925572E-03	0.24172361E-03
24	0.29464479E-03	0.26625796E-03
25	0.32254730E-03	0.29199207E-03
26	0.35308319E-03	0.31892586E-03
27	0.38637247E-03	0.34705939E-03
28	0.42253506E-03	0.37639265E-03
29	0.46169097E-03	0.40692562E-03
30	0.50396140E-03	0.43869513E-03
31	0.54947555E-03	0.47183150E-03
32	0.59838139E-03	0.50657842E-03
33	0.65085688E-03	0.54329308E-03
34	0.70712127E-03	0.58244582E-03
35	0.76744676E-03	0.62462070E-03
36	0.83216937E-03	0.67051483E-03
37	0.90170070E-03	0.72093902E-03
38	0.97653898E-03	0.77681721E-03
39	0.10572806E-02	0.83918689E-03
40	0.11446311E-02	0.90919895E-03
41	0.12394172E-02	0.98811754E-03
42	0.13418752E-02	0.10556516E-02
43	0.14494954E-02	0.10916233E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15592012E-02	0.10976372E-02
45	0.16680816E-02	0.10754110E-02
46	0.17734031E-02	0.10267759E-02
47	0.18726212E-02	0.95367653E-03
48	0.19633914E-02	0.85817068E-03
49	0.20435809E-02	0.74242987E-03
50	0.21112792E-02	0.60873880E-03
51	0.21648102E-02	0.45949552E-03
52	0.22027437E-02	0.29721163E-03
53	0.22239054E-02	0.12451204E-03
54	0.22273902E-02	-0.55864963E-04
55	0.22125714E-02	-0.24106768E-03
56	0.21791146E-02	-0.42813102E-03
57	0.21269859E-02	-0.61397656E-03
58	0.20564662E-02	-0.79541234E-03
59	0.19681607E-02	-0.96913317E-03
60	0.18630107E-02	-0.11317204E-02
61	0.17423054E-02	-0.12796420E-02
62	0.16076927E-02	-0.14092525E-02
63	0.14611905E-02	-0.15167932E-02
64	0.13051988E-02	-0.15983917E-02
65	0.11425099E-02	-0.16500625E-02
66	0.97632047E-03	-0.16677066E-02
67	0.81024313E-03	-0.16471116E-02
68	0.64831699E-03	-0.15839519E-02
69	0.49501954E-03	-0.14737881E-02
70	0.35527794E-03	-0.13120677E-02
71	0.23449642E-03	-0.10936352E-02
72	0.13763837E-03	-0.84257795E-03
73	0.65643217E-04	-0.60164899E-03
74	0.16192324E-04	-0.39420757E-03
75	-0.14625019E-04	-0.22956776E-03
76	-0.31156309E-04	-0.10798033E-03
77	-0.37502137E-04	-0.24824523E-04
78	-0.37174366E-04	0.26736707E-04
79	-0.32960041E-04	0.54140684E-04
80	-0.26918620E-04	0.64372907E-04
81	-0.20459036E-04	0.63397776E-04
82	-0.14455328E-04	0.55934746E-04
83	-0.93724129E-05	0.45461929E-04
84	-0.53841409E-05	0.34353125E-04
85	-0.24739809E-05	0.24078516E-04
86	-0.51453202E-06	0.15421079E-04
87	0.67373622E-06	0.86686805E-05
88	0.12813362E-05	0.37802431E-05
89	0.14842650E-05	0.52621118E-06

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.14304723E-05	-0.14110046E-05
91	0.12348006E-05	-0.23661237E-05
92	0.97978125E-06	-0.26452301E-05
93	0.71981066E-06	-0.25026561E-05
94	0.48679965E-06	-0.21335936E-05
95	0.29602228E-06	-0.16766197E-05
96	0.15140921E-06	-0.12216407E-05
97	0.49914725E-07	-0.82004453E-06
98	-0.15148986E-07	-0.49492712E-06
99	-0.51754636E-07	-0.25032773E-06
100	-0.67671806E-07	-0.79446544E-07
101	-0.69705450E-07	0.29589511E-07
102	-0.63359295E-07	0.90463786E-07
103	-0.52776290E-07	0.11643014E-06
104	-0.40851276E-07	0.11905622E-06
105	-0.29432201E-07	0.10766771E-06
106	-0.19551539E-07	0.89265093E-07
107	-0.11650354E-07	0.68727282E-07
108	-0.57736633E-08	0.49162040E-07
109	-0.17276809E-08	0.32304779E-07
110	0.80227036E-09	0.18896856E-07
111	0.21686692E-08	0.89982999E-08
112	0.27070848E-08	0.22543756E-08
113	0.27060543E-08	-0.18942472E-08
114	0.23940241E-08	-0.40692041E-08
115	0.19384798E-08	-0.48561697E-08
116	0.14524726E-08	-0.47526645E-08
117	0.10046496E-08	-0.41480810E-08
118	0.63015393E-09	-0.33245728E-08
119	0.34077510E-09	-0.24698625E-08
120	0.13350522E-09	-0.16954376E-08
121	-0.28038240E-11	-0.10557553E-08
122	-0.82629299E-10	-0.56557703E-09
123	-0.12061224E-09	-0.21618903E-09
124	-0.12988806E-09	0.12570496E-10
125	-0.12128734E-09	0.14565403E-09
126	-0.10311256E-09	0.20807837E-09
127	-0.81281988E-10	0.22219304E-09
128	-0.59672114E-10	0.20636286E-09
129	-0.40539641E-10	0.17462592E-09
130	-0.24944474E-10	0.13696255E-09
131	-0.13127294E-10	0.99894280E-10
132	-0.48193984E-11	0.67212604E-10
133	0.52102121E-12	0.40704735E-10
134	0.35401443E-11	0.20754728E-10
135	0.48738570E-11	0.68614264E-11

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.50821534E-11	-0.19401629E-11
137	0.46174392E-11	-0.67933029E-11
138	0.38179815E-11	-0.88117829E-11
139	0.29172845E-11	-0.89642113E-11
140	0.20615616E-11	-0.80239626E-11
141	0.13298584E-11	-0.65627217E-11
142	0.75340342E-12	-0.49698982E-11
143	0.33229149E-12	-0.34846945E-11
144	0.48721867E-13	-0.22317699E-11
145	-0.12323181E-12	-0.12539250E-11
146	-0.21097580E-12	-0.54345975E-12
147	-0.23972485E-12	-0.67026815E-13
148	-0.23068646E-12	0.22024751E-12
149	-0.20041897E-12	0.36521293E-12
150	-0.16095634E-12	0.41080388E-12
151	-0.12037103E-12	0.39300976E-12
152	-0.83533319E-13	0.33984783E-12
153	-0.52903509E-13	0.27162457E-12
154	-0.29257531E-13	0.20192745E-12
155	-0.12294408E-13	0.13893865E-12
156	-0.11082595E-14	0.86796090E-13
157	0.54689851E-14	0.46778784E-13
158	0.86326845E-14	0.18317096E-13
159	0.94637467E-14	-0.20433430E-15
160	0.88539024E-14	-0.10863236E-13
161	0.74830728E-14	-0.15762916E-13
162	0.58307643E-14	-0.16779235E-13
163	0.42057138E-14	-0.15440924E-13
164	0.27826534E-14	-0.12900400E-13
165	0.16389592E-14	-0.99601122E-14
166	0.78703210E-15	-0.71277907E-14
167	0.20051611E-15	-0.46820170E-14
168	-0.16602801E-15	-0.27359448E-14
169	-0.36353720E-15	-0.12958031E-14
170	-0.44029850E-15	-0.30895723E-15
171	-0.43777397E-15	0.30452878E-15
172	-0.38892307E-15	0.63210501E-15
173	-0.31813875E-15	0.75610798E-15
174	-0.24213985E-15	0.74695955E-15
175	-0.17132504E-15	0.66046499E-15
176	-0.11125242E-15	0.53780324E-15
177	-0.64031912E-16	0.40711593E-15
178	-0.29514678E-16	0.28586526E-15
179	-0.62331256E-17	0.18338652E-15
180	0.79073396E-17	0.10324919E-15
181	0.15151636E-16	0.45159548E-16

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.17585921E-16	0.64700541E-17
183	0.16966892E-16	-0.16582053E-16
184	0.14658329E-16	-0.27969617E-16
185	0.11640837E-16	-0.31321138E-16
186	0.85615170E-17	-0.29650173E-16
187	0.58007538E-17	-0.25280664E-16
188	0.35399000E-17	-0.19875678E-16
189	0.18242031E-17	-0.14513147E-16
190	0.61565600E-18	-0.97990570E-17
191	-0.16608706E-18	-0.59993267E-17
192	-0.61566071E-18	-0.31431356E-17
193	-0.82299735E-18	-0.11354408E-17
194	-0.86654066E-18	0.15850014E-18
195	-0.80990241E-18	0.89428916E-18
196	-0.70106928E-18	0.12284837E-17
197	-0.57298553E-18	0.12992830E-17
198	-0.44630049E-18	0.12174477E-17
199	-0.33150744E-18	0.10752685E-17
200	-0.23171565E-18	0.91902413E-18
201	-0.14786582E-18	0.75788356E-18
202	-0.80032458E-19	0.59993714E-18
203	-0.27549066E-19	0.45187036E-18
204	0.10840255E-19	0.31876281E-18
205	0.36815550E-19	0.20401689E-18
206	0.52314928E-19	0.10940987E-18
207	0.59379160E-19	0.35251956E-19
208	0.60016322E-19	-0.19375908E-19
209	0.56092959E-19	-0.56334464E-19
210	0.49255184E-19	-0.78120378E-19
211	0.40880083E-19	-0.87570309E-19
212	0.32055210E-19	-0.87597593E-19
213	0.23582150E-19	-0.80977260E-19
214	0.15998741E-19	-0.70187490E-19
215	0.96142750E-20	-0.57309050E-19
216	0.45520096E-20	-0.43978262E-19
217	0.79402316E-21	-0.31385459E-19
218	-0.17756013E-20	-0.20308224E-19
219	-0.33321990E-20	-0.11168306E-19
220	-0.40783647E-20	-0.41014507E-20
221	-0.42190351E-20	0.96902270E-21
222	-0.39438065E-20	0.42621042E-20
223	-0.34158722E-20	0.60774498E-20
224	-0.27665720E-20	0.67451256E-20
225	-0.20943462E-20	0.65878239E-20
226	-0.14668506E-20	0.58952221E-20
227	-0.92508459E-21	0.49091368E-20

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.48854042E-21	0.38175379E-20
229	-0.16059971E-21	0.27552578E-20
230	0.66386987E-22	0.18092534E-20
231	0.20669317E-21	0.10265152E-20
232	0.27766614E-21	0.42306068E-21
233	0.29707951E-21	-0.71677740E-23
234	0.28133587E-21	-0.28429757E-21
235	0.24440521E-21	-0.43587092E-21
236	0.19735236E-21	-0.49172414E-21
237	0.14830036E-21	-0.48037767E-21
238	0.10268531E-21	-0.42677663E-21
239	0.63679396E-22	-0.35114496E-21
240	0.32683880E-22	-0.26868650E-21
241	0.98205736E-23	-0.18987362E-21
242	-0.56253154E-23	-0.12109487E-21
243	-0.14837010E-22	-0.65474426E-22
244	-0.19182532E-22	-0.23723913E-22
245	-0.20013726E-22	0.50685997E-23
246	-0.18538574E-22	0.22768271E-22
247	-0.15753447E-22	0.31666675E-22
248	-0.12420730E-22	0.34100314E-22
249	-0.90778137E-23	0.32201078E-22
250	-0.60653503E-23	0.27756759E-22
251	-0.35649973E-23	0.22156365E-22
252	-0.16394300E-23	0.16395392E-22
253	-0.26976911E-24	0.11118920E-22
254	0.61242487E-24	0.66845730E-23
255	0.10998611E-23	0.32316943E-23
256	0.12910513E-23	0.74744324E-24
257	0.12780485E-23	-0.87584396E-24
258	0.11393628E-23	-0.17947248E-23
259	0.93686768E-24	-0.21806845E-23
260	0.71553978E-24	-0.21972259E-23
261	0.50500548E-24	-0.19862770E-23
262	0.32206780E-24	-0.16618254E-23
263	0.17359709E-24	-0.13086732E-23
264	0.59370091E-25	-0.98441331E-24
265	-0.25382188E-25	-0.72305161E-24
266	-0.87819663E-25	-0.53907273E-24
267	-0.13573101E-24	-0.43112210E-24
268	-0.17609905E-24	-0.38482062E-24
269	-0.21389591E-24	-0.37454273E-24

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15055803E-03	-0.35056742E-04
2	0.14705700E-03	-0.34917452E-04
3	0.14359142E-03	-0.34272209E-04
4	0.14023279E-03	-0.32720294E-04
5	0.13708456E-03	-0.30052443E-04
6	0.13426119E-03	-0.26217873E-04
7	0.13188107E-03	-0.21180380E-04
8	0.13006685E-03	-0.14890869E-04
9	0.12894669E-03	-0.72875509E-05
10	0.12865559E-03	0.17034007E-05
11	0.12933664E-03	0.12172226E-04
12	0.13114343E-03	0.24242870E-04
13	0.13424437E-03	0.38088168E-04
14	0.13882777E-03	0.53934760E-04
15	0.14510748E-03	0.72066374E-04
16	0.15332860E-03	0.92824441E-04
17	0.16370125E-03	0.11444891E-03
18	0.17619009E-03	0.13522503E-03
19	0.19073361E-03	0.15562195E-03
20	0.20731769E-03	0.17611471E-03
21	0.22597476E-03	0.19715357E-03
22	0.24677912E-03	0.21911385E-03
23	0.26983593E-03	0.24222567E-03
24	0.29526494E-03	0.26655785E-03
25	0.32318817E-03	0.29211034E-03
26	0.35372766E-03	0.31888322E-03
27	0.38700548E-03	0.34687642E-03
28	0.42314365E-03	0.37609000E-03
29	0.46226417E-03	0.40652390E-03
30	0.50449034E-03	0.43821498E-03
31	0.54995343E-03	0.47129355E-03
32	0.59880340E-03	0.50600327E-03
33	0.65122033E-03	0.54270134E-03
34	0.70742564E-03	0.58185821E-03
35	0.76769339E-03	0.62405772E-03
36	0.83236187E-03	0.66999719E-03
37	0.90184441E-03	0.72048290E-03
38	0.97664050E-03	0.77643129E-03
39	0.10573472E-02	0.83887408E-03
40	0.11446701E-02	0.90895843E-03
41	0.12394356E-02	0.98794606E-03
42	0.13418796E-02	0.10555441E-02
43	0.14494922E-02	0.10915742E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.15591957E-02	0.10976404E-02
45	0.16680787E-02	0.10754608E-02
46	0.17734073E-02	0.10268667E-02
47	0.18726364E-02	0.95380290E-03
48	0.19634208E-02	0.85832668E-03
49	0.20436270E-02	0.74260915E-03
50	0.21113441E-02	0.60893496E-03
51	0.21648954E-02	0.45970231E-03
52	0.22028496E-02	0.29742272E-03
53	0.22240325E-02	0.12472110E-03
54	0.22275378E-02	-0.55664252E-04
55	0.22127386E-02	-0.24088165E-03
56	0.21792992E-02	-0.42796601E-03
57	0.21271857E-02	-0.61383954E-03
58	0.20566781E-02	-0.79531106E-03
59	0.19683805E-02	-0.96907438E-03
60	0.18632341E-02	-0.11317090E-02
61	0.17425275E-02	-0.12796803E-02
62	0.16079084E-02	-0.14093401E-02
63	0.14613953E-02	-0.15169266E-02
64	0.13053881E-02	-0.15985649E-02
65	0.11426802E-02	-0.16502667E-02
66	0.97646931E-03	-0.16679305E-02
67	0.81036903E-03	-0.16473451E-02
68	0.64841943E-03	-0.15841863E-02
69	0.49509894E-03	-0.14740131E-02
70	0.35533574E-03	-0.13122716E-02
71	0.23453537E-03	-0.10938069E-02
72	0.13766202E-03	-0.84271206E-03
73	0.65655317E-04	-0.60174649E-03
74	0.16196320E-04	-0.39427303E-03
75	-0.14626217E-04	-0.22960728E-03
76	-0.31160431E-04	-0.10800034E-03
77	-0.37507536E-04	-0.24830921E-04
78	-0.37179932E-04	0.26738997E-04
79	-0.32965108E-04	0.54147822E-04
80	-0.26922853E-04	0.64382111E-04
81	-0.20462327E-04	0.63407184E-04
82	-0.14457717E-04	0.55943245E-04
83	-0.93740218E-05	0.45468983E-04
84	-0.53851240E-05	0.34358593E-04
85	-0.24744934E-05	0.24082492E-04
86	-0.51471341E-06	0.15423762E-04
87	0.67376800E-06	0.86703049E-05
88	0.12814880E-05	0.37810642E-05
89	0.14844691E-05	0.52647073E-06

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.14306830E-05	-0.14110981E-05
91	0.12349914E-05	-0.23664093E-05
92	0.97993882E-06	-0.26455930E-05
93	0.71993128E-06	-0.25030217E-05
94	0.48688548E-06	-0.21339192E-05
95	0.29607847E-06	-0.16768859E-05
96	0.15144194E-06	-0.12218439E-05
97	0.49930104E-07	-0.82018920E-06
98	-0.15145469E-07	-0.49502142E-06
99	-0.51758470E-07	-0.25038224E-06
100	-0.67679544E-07	-0.79471874E-07
101	-0.69714659E-07	0.29584045E-07
102	-0.63368383E-07	0.90470543E-07
103	-0.52784340E-07	0.11644331E-06
104	-0.40857866E-07	0.11907169E-06
105	-0.29437244E-07	0.10768282E-06
106	-0.19555154E-07	0.89278366E-07
107	-0.11652764E-07	0.68738082E-07
108	-0.57751195E-08	0.49170346E-07
109	-0.17284221E-08	0.32310798E-07
110	0.80202728E-09	0.18900858E-07
111	0.21687414E-08	0.90006758E-08
112	0.27073308E-08	0.22555431E-08
113	0.27063727E-08	-0.18939090E-08
114	0.23943483E-08	-0.40693813E-08
115	0.19387707E-08	-0.48566218E-08
116	0.14527120E-08	-0.47532214E-08
117	0.10048328E-08	-0.41486343E-08
118	0.63028460E-09	-0.33250620E-08
119	0.34086123E-09	-0.24702629E-08
120	0.13355587E-09	-0.16957475E-08
121	-0.27799030E-11	-0.10559810E-08
122	-0.82624095E-10	-0.56572752E-09
123	-0.12061885E-09	-0.21627714E-09
124	-0.12990096E-09	0.12529776E-10
125	-0.12130259E-09	0.14564541E-09
126	-0.10312761E-09	0.20808935E-09
127	-0.81295366E-10	0.22221418E-09
128	-0.59683154E-10	0.20638750E-09
129	-0.40548228E-10	0.17464991E-09
130	-0.24950798E-10	0.13698361E-09
131	-0.13131695E-10	0.99911662E-10
132	-0.48222416E-11	0.67226454E-10
133	0.51939654E-12	0.40715254E-10
134	0.35394105E-11	0.20762095E-10
135	0.48737217E-11	0.68661240E-11

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.50823790E-11	-0.19375417E-11
137	0.46178478E-11	-0.67921762E-11
138	0.38184490E-11	-0.88116450E-11
139	0.29177342E-11	-0.89646571E-11
140	0.20619504E-11	-0.80246912E-11
141	0.13301689E-11	-0.65635310E-11
142	0.75363441E-12	-0.49706645E-11
143	0.33245076E-12	-0.34853570E-11
144	0.48821282E-13	-0.22323011E-11
145	-0.12317858E-12	-0.12543186E-11
146	-0.21095552E-12	-0.54372842E-12
147	-0.23972610E-12	-0.67192989E-13
148	-0.23070022E-12	0.22015901E-12
149	-0.20043869E-12	0.36517921E-12
150	-0.16097751E-12	0.41080575E-12
151	-0.12039088E-12	0.39303215E-12
152	-0.83550374E-13	0.33987974E-12
153	-0.52917221E-13	0.27165867E-12
154	-0.29267909E-13	0.20195950E-12
155	-0.12301772E-13	0.13896680E-12
156	-0.11130431E-14	0.86819325E-13
157	0.54662458E-14	0.46796429E-13
158	0.86314402E-14	0.18329454E-13
159	0.94635052E-14	-0.19645935E-15
160	0.88542658E-14	-0.10858851E-13
161	0.74837419E-14	-0.15761033E-13
162	0.58315330E-14	-0.16778998E-13
163	0.42064529E-14	-0.15441655E-13
164	0.27832925E-14	-0.12901606E-13
165	0.16394682E-14	-0.99614624E-14
166	0.78740765E-15	-0.71290875E-14
167	0.20076947E-15	-0.46831490E-14
168	-0.16587683E-15	-0.27368511E-14
169	-0.36346499E-15	-0.12964806E-14
170	-0.44028391E-15	-0.30943876E-15
171	-0.43779912E-15	0.30421204E-15
172	-0.38897248E-15	0.63193290E-15
173	-0.31819915E-15	0.75605573E-15
174	-0.24220079E-15	0.74699566E-15
175	-0.17137944E-15	0.66055271E-15
176	-0.11129685E-15	0.53791113E-15
177	-0.64065277E-16	0.40722734E-15
178	-0.29537170E-16	0.28596989E-15
179	-0.62458464E-17	0.18347604E-15
180	0.79026404E-17	0.10332027E-15
181	0.15153153E-16	0.45212845E-16

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.17591827E-16	0.65039491E-17
183	0.16975237E-16	-0.16566117E-16
184	0.14667663E-16	-0.27964419E-16
185	0.11650442E-16	-0.31320066E-16
186	0.85711256E-17	-0.29651427E-16
187	0.58098891E-17	-0.25290801E-16
188	0.35472048E-17	-0.19903000E-16
189	0.18277821E-17	-0.14560405E-16
190	0.61355228E-18	-0.98649568E-17
191	-0.17554475E-18	-0.60795744E-17
192	-0.63360267E-18	-0.32313929E-17
193	-0.84986402E-18	-0.12244324E-17
194	-0.90204428E-18	0.75875158E-19
195	-0.85309866E-18	0.82389195E-18
196	-0.75049916E-18	0.11749087E-17
197	-0.62677393E-18	0.12662151E-17
198	-0.50225657E-18	0.12075090E-17
199	-0.38723031E-18	0.10900580E-17
200	-0.28472402E-18	0.95823601E-18
201	-0.19584207E-18	0.81864530E-18
202	-0.12104863E-18	0.67744438E-18
203	-0.60224235E-19	0.54011198E-18
204	-0.12743628E-19	0.41125781E-18
205	0.22430313E-19	0.29449328E-18
206	0.46643012E-19	0.19236833E-18
207	0.61441716E-19	0.10637539E-18
208	0.68472486E-19	0.37014345E-19
209	0.69386443E-19	-0.16090896E-19
210	0.65759573E-19	-0.54038230E-19
211	0.59029295E-19	-0.78470573E-19
212	0.50449164E-19	-0.91391748E-19
213	0.41061746E-19	-0.94988943E-19
214	0.31688472E-19	-0.91473251E-19
215	0.22934127E-19	-0.82946602E-19
216	0.15203145E-19	-0.71300112E-19
217	0.87243749E-20	-0.58145530E-19
218	0.35811181E-20	-0.44778579E-19
219	-0.25664551E-21	-0.32170767E-19
220	-0.29004206E-20	-0.20984516E-19
221	-0.45138014E-20	-0.11605846E-19
222	-0.52869645E-20	-0.41884169E-20
223	-0.54158940E-20	0.12967303E-20
224	-0.50866579E-20	0.50106926E-20
225	-0.44645975E-20	0.71993947E-20
226	-0.36879743E-20	0.81522325E-20
227	-0.28653759E-20	0.81683318E-20

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.20760862E-20	0.75310869E-20
229	-0.13725924E-20	0.64908233E-20
230	-0.78444692E-21	0.52547997E-20
231	-0.32281168E-21	0.39833993E-20
232	0.14870249E-22	0.27911184E-20
233	0.24048280E-21	0.17509614E-20
234	0.37140006E-21	0.90093025E-21
235	0.42735496E-21	0.25148126E-21
236	0.42806370E-21	-0.20694625E-21
237	0.39157882E-21	-0.49697985E-21
238	0.33328952E-21	-0.64835996E-21
239	0.26545838E-21	-0.69319300E-21
240	0.19716985E-21	-0.66245777E-21
241	0.13456797E-21	-0.58368851E-21
242	0.81273531E-22	-0.47967797E-21
243	0.38887918E-22	-0.36800124E-21
244	0.75124881E-23	-0.26114830E-21
245	-0.13767366E-22	-0.16706413E-21
246	-0.26465023E-22	-0.89920494E-22
247	-0.32358134E-22	-0.30976936E-22
248	-0.33240140E-22	0.10574707E-22
249	-0.30752288E-22	0.36853553E-22
250	-0.26285137E-22	0.50661200E-22
251	-0.20935758E-22	0.54997502E-22
252	-0.15506161E-22	0.52718057E-22
253	-0.10529480E-22	0.46318618E-22
254	-0.63122555E-23	0.37824640E-22
255	-0.29835260E-23	0.28761433E-22
256	-0.54387872E-24	0.20180922E-22
257	0.10900975E-23	0.12723583E-22
258	0.20485613E-23	0.66979482E-23
259	0.24794190E-23	0.21642691E-23
260	0.25274979E-23	-0.98692564E-24
261	0.23210725E-23	-0.29669595E-23
262	0.19645240E-23	-0.40344532E-23
263	0.15357659E-23	-0.44544250E-23
264	0.10871237E-23	-0.44698559E-23
265	0.64851718E-24	-0.42836157E-23
266	0.23203774E-24	-0.40482594E-23
267	-0.16274502E-24	-0.38612126E-23
268	-0.54317101E-24	-0.37631533E-23
269	-0.91780229E-24	-0.37378928E-23

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15047951E-03	-0.34778157E-04
2	0.14700636E-03	-0.34638208E-04
3	0.14356880E-03	-0.33990134E-04
4	0.14023867E-03	-0.32431988E-04
5	0.13711973E-03	-0.29754226E-04
6	0.13432681E-03	-0.25906755E-04
7	0.13197851E-03	-0.20855061E-04
8	0.13019748E-03	-0.14552789E-04
9	0.12911158E-03	-0.69419812E-05
10	0.12885500E-03	0.20462260E-05
11	0.12956954E-03	0.12495954E-04
12	0.13140679E-03	0.24523888E-04
13	0.13453240E-03	0.38294525E-04
14	0.13913104E-03	0.54025244E-04
15	0.14541192E-03	0.71989838E-04
16	0.15361451E-03	0.92519549E-04
17	0.16394212E-03	0.11383815E-03
18	0.17635078E-03	0.13421582E-03
19	0.19076934E-03	0.15411498E-03
20	0.20717355E-03	0.17400735E-03
21	0.22558565E-03	0.19434500E-03
22	0.24607021E-03	0.21551223E-03
23	0.26872402E-03	0.23775760E-03
24	0.29366184E-03	0.26120699E-03
25	0.32100891E-03	0.28596062E-03
26	0.35090145E-03	0.31213852E-03
27	0.38348875E-03	0.33988047E-03
28	0.41893517E-03	0.36935115E-03
29	0.45742313E-03	0.40074610E-03
30	0.49915724E-03	0.43432694E-03
31	0.54437405E-03	0.47047393E-03
32	0.59335463E-03	0.50969835E-03
33	0.64643729E-03	0.55263063E-03
34	0.70402876E-03	0.60000364E-03
35	0.76661311E-03	0.65262977E-03
36	0.83475857E-03	0.71137102E-03
37	0.90912031E-03	0.77710149E-03
38	0.99044270E-03	0.85074664E-03
39	0.10795681E-02	0.93334395E-03
40	0.11774482E-02	0.10260441E-02
41	0.12851558E-02	0.11301115E-02
42	0.14031398E-02	0.12242575E-02
43	0.15289708E-02	0.12873072E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16596182E-02	0.13208650E-02
45	0.17922180E-02	0.13266485E-02
46	0.19240831E-02	0.13064890E-02
47	0.20527157E-02	0.12623310E-02
48	0.21758180E-02	0.11962327E-02
49	0.22913034E-02	0.11103620E-02
50	0.23973074E-02	0.10070032E-02
51	0.24922013E-02	0.88856491E-03
52	0.25746021E-02	0.75757515E-03
53	0.26433861E-02	0.61667798E-03
54	0.26976992E-02	0.46862726E-03
55	0.27369682E-02	0.31628049E-03
56	0.27609107E-02	0.16259123E-03
57	0.27695440E-02	0.10626821E-04
58	0.27631999E-02	-0.13642086E-03
59	0.27425338E-02	-0.27524654E-03
60	0.27085384E-02	-0.40243159E-03
61	0.26625535E-02	-0.51444396E-03
62	0.26062769E-02	-0.60763827E-03
63	0.25417784E-02	-0.67825563E-03
64	0.24715075E-02	-0.72242389E-03
65	0.23983079E-02	-0.73615741E-03
66	0.23254273E-02	-0.71535719E-03
67	0.22555476E-02	-0.68522897E-03
68	0.21878560E-02	-0.67086489E-03
69	0.21209971E-02	-0.66782581E-03
70	0.20540650E-02	-0.67155925E-03
71	0.19866149E-02	-0.67739916E-03
72	0.19185937E-02	-0.68298430E-03
73	0.18500265E-02	-0.68831467E-03
74	0.17809392E-02	-0.69339020E-03
75	0.17113570E-02	-0.69821096E-03
76	0.16413055E-02	-0.70277695E-03
77	0.15708101E-02	-0.70708815E-03
78	0.14998964E-02	-0.71114453E-03
79	0.14285897E-02	-0.71494613E-03
80	0.13569157E-02	-0.71849296E-03
81	0.12848997E-02	-0.72178495E-03
82	0.12125671E-02	-0.72482217E-03
83	0.11399437E-02	-0.72760461E-03
84	0.10670547E-02	-0.73013228E-03
85	0.99392573E-03	-0.73240511E-03
86	0.92058216E-03	-0.73442317E-03
87	0.84704958E-03	-0.73618646E-03
88	0.77335339E-03	-0.73769491E-03
89	0.69951906E-03	-0.73894858E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.62557217E-03	-0.73994749E-03
91	0.55153808E-03	-0.74069155E-03
92	0.47744234E-03	-0.74118091E-03
93	0.40331041E-03	-0.74141542E-03
94	0.32930632E-03	-0.73723798E-03
95	0.25645757E-03	-0.71521825E-03
96	0.18764366E-03	-0.65176922E-03
97	0.12743392E-03	-0.54841407E-03
98	0.78407495E-04	-0.43165940E-03
99	0.40976727E-04	-0.31866416E-03
100	0.14222404E-04	-0.21923675E-03
101	-0.34690947E-05	-0.13776345E-03
102	-0.13953089E-04	-0.74974254E-04
103	-0.19041323E-04	-0.29506373E-04
104	-0.20350933E-04	0.10644238E-05
105	-0.19228572E-04	0.19631249E-04
106	-0.16727941E-04	0.29100343E-04
107	-0.13623766E-04	0.32111533E-04
108	-0.10446630E-04	0.30892887E-04
109	-0.75271973E-05	0.27213959E-04
110	-0.50419717E-05	0.22391010E-04
111	-0.30569067E-05	0.17330725E-04
112	-0.15646536E-05	0.12605637E-04
113	-0.51407710E-06	0.85316196E-05
114	0.16773215E-06	0.52394594E-05
115	0.56016029E-06	0.27376650E-05
116	0.73939577E-06	0.95978805E-06
117	0.77258011E-06	-0.20422391E-06
118	0.71474659E-06	-0.88236698E-06
119	0.60810612E-06	-0.12005269E-05
120	0.48290900E-06	-0.12706537E-05
121	0.35916517E-06	-0.11850875E-05
122	0.24870880E-06	-0.10150026E-05
123	0.15727720E-06	-0.81154081E-06
124	0.86382535E-07	-0.60862175E-06
125	0.34863177E-07	-0.42639303E-06
126	0.87005757E-10	-0.27467203E-06
127	-0.21174092E-07	-0.15603698E-06
128	-0.32165936E-07	-0.68768344E-07
129	-0.35842710E-07	-0.89482715E-08
130	-0.34704101E-07	0.28416437E-07
131	-0.30734931E-07	0.48515897E-07
132	-0.25415716E-07	0.56171576E-07
133	-0.19777644E-07	0.55516459E-07
134	-0.14478990E-07	0.49864365E-07
135	-0.98883834E-08	0.41703892E-07

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.61634973E-08	0.32784843E-07
137	-0.33188376E-08	0.24243116E-07
138	-0.12804275E-08	0.16734784E-07
139	0.72675838E-10	0.10563151E-07
140	0.87894775E-09	0.57938667E-08
141	0.12753800E-08	0.23425064E-08
142	0.13854649E-08	0.31622132E-10
143	0.13123268E-08	-0.13605918E-08
144	0.11364281E-08	-0.20603594E-08
145	0.91646318E-09	-0.22738771E-08
146	0.69208572E-09	-0.21744020E-08
147	0.48749688E-09	-0.18975050E-08
148	0.31519828E-09	-0.15422015E-08
149	0.17943493E-09	-0.11755474E-08
150	0.79099151E-10	-0.83858320E-09
151	0.10022742E-10	-0.55248556E-09
152	-0.33338814E-10	-0.32461364E-09
153	-0.56807493E-10	-0.15396694E-09
154	-0.65845274E-10	-0.34712466E-10
155	-0.65180174E-10	0.41636288E-10
156	-0.58637463E-10	0.84401784E-10
157	-0.49120388E-10	0.10255019E-09
158	-0.38685659E-10	0.10395152E-09
159	-0.28675080E-10	0.95002957E-10
160	-0.19867614E-10	0.80577961E-10
161	-0.12625833E-10	0.64162627E-10
162	-0.70243459E-11	0.48069614E-10
163	-0.29551544E-11	0.33679282E-10
164	-0.20897588E-12	0.21674369E-10
165	0.14662607E-11	0.12265691E-10
166	0.23276023E-11	0.53602127E-11
167	0.26118797E-11	0.66202751E-12
168	0.25201616E-11	-0.22315470E-11
169	0.22115042E-11	-0.37471042E-11
170	0.18034139E-11	-0.42824667E-11
171	0.13763941E-11	-0.41763329E-11
172	0.98061099E-12	-0.36962889E-11
173	0.64300480E-12	-0.30401911E-11
174	0.37391111E-12	-0.23439436E-11
175	0.17272818E-12	-0.16923331E-11
176	0.32449795E-13	-0.11305630E-11
177	-0.56989224E-13	-0.67693686E-12
178	-0.10660196E-12	-0.33324220E-12
179	-0.12699902E-12	-0.90388200E-13
180	-0.12752600E-12	0.67073862E-13
181	-0.11583296E-12	0.15707458E-12

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.97771184E-13	0.19727239E-12
183	-0.77518985E-13	0.20325529E-12
184	-0.57836074E-13	0.18775981E-12
185	-0.40356431E-13	0.16058198E-12
186	-0.25873170E-13	0.12879934E-12
187	-0.14591693E-13	0.97162824E-13
188	-0.63396316E-14	0.68555506E-13
189	-0.72962174E-15	0.44477246E-13
190	0.27250274E-14	0.25475273E-13
191	0.45311350E-14	0.11444362E-13
192	0.51614486E-14	0.18399148E-14
193	0.50205138E-14	-0.41226648E-14
194	0.44299688E-14	-0.72936550E-14
195	0.36282449E-14	-0.84707818E-14
196	0.27796335E-14	-0.83332711E-14
197	0.19874303E-14	-0.74205668E-14
198	0.13079990E-14	-0.61334986E-14
199	0.76398613E-15	-0.47487653E-14
200	0.35571297E-15	-0.34400195E-14
201	0.70244191E-16	-0.23034148E-14
202	-0.11214205E-15	-0.13819713E-14
203	-0.21355906E-15	-0.68279728E-15
204	-0.25554095E-15	-0.18880681E-15
205	-0.25711052E-15	0.13147988E-15
206	-0.23380500E-15	0.31496637E-15
207	-0.19748195E-15	0.39751219E-15
208	-0.15662004E-15	0.41053313E-15
209	-0.11683472E-15	0.37977199E-15
210	-0.81464267E-16	0.32505228E-15
211	-0.52143990E-16	0.26074109E-15
212	-0.29312210E-16	0.19654508E-15
213	-0.12632807E-16	0.13841404E-15
214	-0.13219441E-17	0.89506739E-16
215	0.56150157E-17	0.50993696E-16
216	0.92155092E-17	0.22642071E-16
217	0.10443295E-16	0.32863857E-17
218	0.10118061E-16	-0.87110531E-17
219	0.88894842E-17	-0.15056472E-16
220	0.72425651E-17	-0.17327935E-16
221	0.55132142E-17	-0.16919903E-16
222	0.39100054E-17	-0.14969234E-16
223	0.25430038E-17	-0.12309471E-16
224	0.14530918E-17	-0.95002934E-17
225	0.63648265E-18	-0.68849865E-17
226	0.63182388E-19	-0.46570438E-17
227	-0.31087908E-18	-0.29076908E-17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.53426174E-18	-0.16355165E-17
229	-0.65137992E-18	-0.76526775E-18
230	-0.69730323E-18	-0.19465814E-18
231	-0.69723230E-18	0.16832795E-18
232	-0.66782272E-18	0.40576246E-18
233	-0.61847700E-18	0.57128185E-18
234	-0.55542878E-18	0.68092888E-18
235	-0.48392713E-18	0.74149845E-18
236	-0.40853179E-18	0.75998661E-18
237	-0.33309408E-18	0.74354671E-18
238	-0.26074703E-18	0.69936870E-18
239	-0.19390986E-18	0.63450502E-18
240	-0.13431175E-18	0.55566995E-18
241	-0.83035744E-19	0.46903865E-18
242	-0.40581949E-19	0.38006910E-18
243	-0.69464503E-20	0.29336377E-18
244	0.18288299E-19	0.21258327E-18
245	0.35857301E-19	0.14041564E-18
246	0.46716515E-19	0.78600576E-19
247	0.51951288E-19	0.28001760E-19
248	0.52694026E-19	-0.11282238E-19
249	0.50054356E-19	-0.39780770E-19
250	0.45063847E-19	-0.58500048E-19
251	0.38635984E-19	-0.68770232E-19
252	0.31541114E-19	-0.72101056E-19
253	0.24395036E-19	-0.70053984E-19
254	0.17659330E-19	-0.64136522E-19
255	0.11650980E-19	-0.55721620E-19
256	0.65588072E-20	-0.45992683E-19
257	0.24641391E-20	-0.35912886E-19
258	-0.63652699E-21	-0.26215795E-19
259	-0.28088461E-20	-0.17413498E-19
260	-0.41594486E-20	-0.98178600E-20
261	-0.48173593E-20	-0.35704585E-20
262	-0.49186752E-20	0.13228944E-20
263	-0.45947678E-20	0.49566338E-20
264	-0.39639666E-20	0.74918225E-20
265	-0.31264186E-20	0.91265462E-20
266	-0.21616441E-20	0.10071670E-19
267	-0.11282255E-20	0.10532567E-19
268	-0.65021425E-22	0.10696744E-19
269	0.10066484E-20	0.10726676E-19

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15047949E-03	-0.34777957E-04
2	0.14700636E-03	-0.34638007E-04
3	0.14356883E-03	-0.33989934E-04
4	0.14023871E-03	-0.32431788E-04
5	0.13711979E-03	-0.29754028E-04
6	0.13432690E-03	-0.25906562E-04
7	0.13197862E-03	-0.20854877E-04
8	0.13019760E-03	-0.14552627E-04
9	0.12911171E-03	-0.69418520E-05
10	0.12885514E-03	0.20463051E-05
11	0.12956969E-03	0.12495961E-04
12	0.13140694E-03	0.24523795E-04
13	0.13453253E-03	0.38294300E-04
14	0.13913114E-03	0.54024851E-04
15	0.14541196E-03	0.71989241E-04
16	0.15361448E-03	0.92518698E-04
17	0.16394201E-03	0.11383701E-03
18	0.17635053E-03	0.13421434E-03
19	0.19076891E-03	0.15411314E-03
20	0.20717293E-03	0.17400511E-03
21	0.22558478E-03	0.19434237E-03
22	0.24606904E-03	0.21550922E-03
23	0.26872256E-03	0.23775427E-03
24	0.29366004E-03	0.26120344E-03
25	0.32100672E-03	0.28595698E-03
26	0.35089892E-03	0.31213503E-03
27	0.38348589E-03	0.33987741E-03
28	0.41893203E-03	0.36934891E-03
29	0.45741984E-03	0.40074519E-03
30	0.49915398E-03	0.43432796E-03
31	0.54437097E-03	0.47047756E-03
32	0.59335207E-03	0.50970539E-03
33	0.64643566E-03	0.55264198E-03
34	0.70402853E-03	0.60002040E-03
35	0.76661492E-03	0.65265282E-03
36	0.83476299E-03	0.71140134E-03
37	0.90912817E-03	0.77714009E-03
38	0.99045481E-03	0.85079408E-03
39	0.10795854E-02	0.93340059E-03
40	0.11774717E-02	0.10261101E-02
41	0.12851864E-02	0.11301870E-02
42	0.14031784E-02	0.12243419E-02
43	0.15290182E-02	0.12873994E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16596752E-02	0.13209636E-02
45	0.17922850E-02	0.13267526E-02
46	0.19241609E-02	0.13065973E-02
47	0.20528045E-02	0.12624422E-02
48	0.21759178E-02	0.11963455E-02
49	0.22914147E-02	0.11104787E-02
50	0.23974308E-02	0.10071271E-02
51	0.24923373E-02	0.88869518E-03
52	0.25747514E-02	0.75770699E-03
53	0.26435482E-02	0.61680167E-03
54	0.26978727E-02	0.46872781E-03
55	0.27371501E-02	0.31634065E-03
56	0.27610960E-02	0.16260527E-03
57	0.27697287E-02	0.10600141E-04
58	0.27633801E-02	-0.13648286E-03
59	0.27427063E-02	-0.27533851E-03
60	0.27087005E-02	-0.40254812E-03
61	0.26627027E-02	-0.51457970E-03
62	0.26064119E-02	-0.60778775E-03
63	0.25418978E-02	-0.67841355E-03
64	0.24716111E-02	-0.72258478E-03
65	0.23983957E-02	-0.73631591E-03
66	0.23254992E-02	-0.71550795E-03
67	0.22556051E-02	-0.68536814E-03
68	0.21879002E-02	-0.67099027E-03
69	0.21210297E-02	-0.66793512E-03
70	0.20540876E-02	-0.67165075E-03
71	0.19866293E-02	-0.67747216E-03
72	0.19186016E-02	-0.68303931E-03
73	0.18500298E-02	-0.68835355E-03
74	0.17809392E-02	-0.69341570E-03
75	0.17113551E-02	-0.69822592E-03
76	0.16413025E-02	-0.70278411E-03
77	0.15708066E-02	-0.70708990E-03
78	0.14998929E-02	-0.71114284E-03
79	0.14285865E-02	-0.71494258E-03
80	0.13569128E-02	-0.71848865E-03
81	0.12848972E-02	-0.72178058E-03
82	0.12125652E-02	-0.72481815E-03
83	0.11399421E-02	-0.72760100E-03
84	0.10670534E-02	-0.73012908E-03
85	0.99392480E-03	-0.73240232E-03
86	0.92058151E-03	-0.73442078E-03
87	0.84704912E-03	-0.73618436E-03
88	0.77335309E-03	-0.73769316E-03
89	0.69951895E-03	-0.73894719E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.62557217E-03	-0.73994632E-03
91	0.55153819E-03	-0.74069074E-03
92	0.47744252E-03	-0.74118027E-03
93	0.40331064E-03	-0.74141502E-03
94	0.32930658E-03	-0.73723774E-03
95	0.25645783E-03	-0.71521831E-03
96	0.18764391E-03	-0.65176957E-03
97	0.12743410E-03	-0.54841483E-03
98	0.78407582E-04	-0.43166074E-03
99	0.40976644E-04	-0.31866619E-03
100	0.14222076E-04	-0.21923968E-03
101	-0.34697657E-05	-0.13776739E-03
102	-0.13954207E-04	-0.74979260E-04
103	-0.19042991E-04	-0.29512355E-04
104	-0.20353238E-04	0.10577468E-05
105	-0.19231555E-04	0.19624455E-04
106	-0.16731574E-04	0.29094401E-04
107	-0.13627890E-04	0.32107891E-04
108	-0.10450922E-04	0.30893571E-04
109	-0.75311905E-05	0.27218824E-04
110	-0.50453646E-05	0.22397840E-04
111	-0.30595843E-05	0.17337999E-04
112	-0.15666229E-05	0.12612409E-04
113	-0.51541690E-06	0.85373840E-05
114	0.16690947E-06	0.52440259E-05
115	0.55973430E-06	0.27410470E-05
116	0.73925384E-06	0.96211727E-06
117	0.77262609E-06	-0.20276160E-06
118	0.71490365E-06	-0.88157606E-06
119	0.60831627E-06	-0.12002290E-05
120	0.48313052E-06	-0.12707018E-05
121	0.35937001E-06	-0.11853514E-05
122	0.24888126E-06	-0.10153711E-05
123	0.15741088E-06	-0.81193826E-06
124	0.86477058E-07	-0.60900163E-06
125	0.34921705E-07	-0.42673051E-06
126	0.11438429E-09	-0.27495665E-06
127	-0.21172420E-07	-0.15626652E-06
128	-0.32184484E-07	-0.68943329E-07
129	-0.35876013E-07	-0.90679881E-08
130	-0.34746446E-07	0.28356487E-07
131	-0.30780274E-07	0.48514192E-07
132	-0.25458851E-07	0.56214567E-07
133	-0.19815026E-07	0.55584987E-07
134	-0.14509009E-07	0.49940745E-07
135	-0.99108668E-08	0.41776829E-07

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.61791399E-08	0.32848018E-07
137	-0.33287759E-08	0.24293822E-07
138	-0.12859381E-08	0.16772743E-07
139	0.70368822E-10	0.10589548E-07
140	0.87878055E-09	0.58106249E-08
141	0.12764967E-08	0.23517877E-08
142	0.13872230E-08	0.35495908E-10
143	0.13142781E-08	-0.13603277E-08
144	0.11382871E-08	-0.20622593E-08
145	0.91807073E-09	-0.22768560E-08
146	0.69337419E-09	-0.21777040E-08
147	0.48846005E-09	-0.19006483E-08
148	0.31586703E-09	-0.15449181E-08
149	0.17985860E-09	-0.11777238E-08
150	0.79332936E-10	-0.84020940E-09
151	0.10119417E-10	-0.55361399E-09
152	-0.33333506E-10	-0.32532801E-09
153	-0.56856807E-10	-0.15436068E-09
154	-0.65921692E-10	-0.34874773E-10
155	-0.65264530E-10	0.41628107E-10
156	-0.58717579E-10	0.84485668E-10
157	-0.49189514E-10	0.10267966E-09
158	-0.38740958E-10	0.10409425E-09
159	-0.28716344E-10	0.95138418E-10
160	-0.19896203E-10	0.80694770E-10
161	-0.12643892E-10	0.64256031E-10
162	-0.70342625E-11	0.48139277E-10
163	-0.29592030E-11	0.33727517E-10
164	-0.20912371E-12	0.21704820E-10
165	0.14684367E-11	0.12282392E-10
166	0.23309228E-11	0.53670089E-11
167	0.26155256E-11	0.66224337E-12
168	0.25236139E-11	-0.22352476E-11
169	0.22144764E-11	-0.37527303E-11
170	0.18057872E-11	-0.42886359E-11
171	0.13781617E-11	-0.41821698E-11
172	0.98183289E-12	-0.37013114E-11
173	0.64377448E-12	-0.30441997E-11
174	0.37433164E-12	-0.23469278E-11
175	0.17289761E-12	-0.16943949E-11
176	0.32452702E-13	-0.11318608E-11
177	-0.57085162E-13	-0.67764511E-12
178	-0.10674623E-12	-0.33352661E-12
179	-0.12715661E-12	-0.90391711E-13
180	-0.12767478E-12	0.67236933E-13
181	-0.11596078E-12	0.15731894E-12

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.97873058E-13	0.19753898E-12
183	-0.77594716E-13	0.20350681E-12
184	-0.57888325E-13	0.18797576E-12
185	-0.40389258E-13	0.16075399E-12
186	-0.25891029E-13	0.12892713E-12
187	-0.14598811E-13	0.97250895E-13
188	-0.63396473E-14	0.68610766E-13
189	-0.72543724E-15	0.44507251E-13
190	0.27312508E-14	0.25487172E-13
191	0.45379041E-14	0.11444300E-13
192	0.51678230E-14	0.18327891E-14
193	0.50259788E-14	-0.41332142E-14
194	0.44343170E-14	-0.73051069E-14
195	0.36314729E-14	-0.84815416E-14
196	0.27818589E-14	-0.83424715E-14
197	0.19888295E-14	-0.74278682E-14
198	0.13087637E-14	-0.61389069E-14
199	0.76429636E-15	-0.47524965E-14
200	0.35572125E-15	-0.34423815E-14
201	0.70071237E-16	-0.23047313E-14
202	-0.11240672E-15	-0.13825329E-14
203	-0.21385278E-15	-0.68285763E-15
204	-0.25582468E-15	-0.18857453E-15
205	-0.25736278E-15	0.13185623E-15
206	-0.23401673E-15	0.31538811E-15
207	-0.19765143E-15	0.39793126E-15
208	-0.15674857E-15	0.41093121E-15
209	-0.11692498E-15	0.38013751E-15
210	-0.81519940E-16	0.32537778E-15
211	-0.52169431E-16	0.26101799E-15
212	-0.29312918E-16	0.19676088E-15
213	-0.12615453E-16	0.13855778E-15
214	-0.12939646E-17	0.89576580E-16
215	0.56464048E-17	0.50991632E-16
216	0.92430345E-17	0.22566865E-16
217	0.10459876E-16	0.31450383E-17
218	0.10117914E-16	-0.89006156E-17
219	0.88689222E-17	-0.15271170E-16
220	0.72002623E-17	-0.17544263E-16
221	0.54500668E-17	-0.17117454E-16
222	0.38286948E-17	-0.15132948E-16
223	0.24474041E-17	-0.12430630E-16
224	0.13476322E-17	-0.95764188E-17
225	0.52556342E-18	-0.69189150E-17
226	-0.49286326E-19	-0.46554755E-17
227	-0.42178120E-18	-0.28795228E-17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.64141311E-18	-0.15902372E-17
229	-0.75351713E-18	-0.71160580E-18
230	-0.79395566E-18	-0.13961593E-18
231	-0.78851907E-18	0.22001053E-18
232	-0.75421708E-18	0.45173160E-18
233	-0.70057623E-18	0.61134846E-18
234	-0.63375957E-18	0.71659892E-18
235	-0.55880595E-18	0.77536380E-18
236	-0.47998840E-18	0.79508083E-18
237	-0.40085793E-18	0.78275388E-18
238	-0.32428688E-18	0.74494992E-18
239	-0.25251343E-18	0.68778140E-18
240	-0.18718854E-18	0.61687434E-18
241	-0.12942656E-18	0.53732722E-18
242	-0.79860269E-19	0.45366519E-18
243	-0.38700356E-19	0.36979830E-18
244	-0.57986960E-20	0.28898873E-18
245	0.19285868E-19	0.21383348E-18
246	0.37220940E-19	0.14626651E-18
247	0.48835241E-19	0.87581715E-19
248	0.55056612E-19	0.38476736E-19
249	0.56855387E-19	-0.88438482E-21
250	0.55194796E-19	-0.30793663E-19
251	0.50989704E-19	-0.51911400E-19
252	0.45074371E-19	-0.65173483E-19
253	0.38179555E-19	-0.71699124E-19
254	0.30918580E-19	-0.72703825E-19
255	0.23781685E-19	-0.69421708E-19
256	0.17137554E-19	-0.63040100E-19
257	0.11240674E-19	-0.54648217E-19
258	0.62431000E-20	-0.45200638E-19
259	0.22091490E-20	-0.35494976E-19
260	-0.86833416E-21	-0.26162487E-19
261	-0.30513322E-20	-0.17669510E-19
262	-0.44405923E-20	-0.10327218E-19
263	-0.51608441E-20	-0.43069727E-20
264	-0.53477170E-20	0.34137048E-21
265	-0.51365380E-20	0.36706750E-20
266	-0.46529394E-20	0.58192564E-20
267	-0.40050599E-20	0.69966345E-20
268	-0.32769752E-20	0.74731358E-20
269	-0.25229707E-20	0.75734977E-20

STEP DI CARICO NO. 10

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048675E-03	-0.34785171E-04
2	0.14701291E-03	-0.34645265E-04
3	0.14357464E-03	-0.33997425E-04
4	0.14024375E-03	-0.32439861E-04
5	0.13712396E-03	-0.29763172E-04
6	0.13433008E-03	-0.25917394E-04
7	0.13198060E-03	-0.20868109E-04
8	0.13019812E-03	-0.14569038E-04
9	0.12911038E-03	-0.69622592E-05
10	0.12885155E-03	0.20210985E-05
11	0.12956330E-03	0.12465216E-04
12	0.13139719E-03	0.24486906E-04
13	0.13451876E-03	0.38250877E-04
14	0.13911269E-03	0.53974814E-04
15	0.14538820E-03	0.71932940E-04
16	0.15358481E-03	0.92457049E-04
17	0.16390598E-03	0.11377227E-03
18	0.17630802E-03	0.13415031E-03
19	0.19072025E-03	0.15405465E-03
20	0.20711892E-03	0.17395822E-03
21	0.22552698E-03	0.19431447E-03
22	0.24600979E-03	0.21550924E-03
23	0.26866511E-03	0.23779264E-03
24	0.29360884E-03	0.26129218E-03
25	0.32096749E-03	0.28610954E-03
26	0.35087872E-03	0.31236606E-03
27	0.38349334E-03	0.34020236E-03
28	0.41897735E-03	0.36978340E-03
29	0.45751469E-03	0.40130413E-03
30	0.49931149E-03	0.43502438E-03
31	0.54460543E-03	0.47132117E-03
32	0.59367850E-03	0.51070069E-03
33	0.64686913E-03	0.55378600E-03
34	0.70458330E-03	0.60129998E-03
35	0.76730340E-03	0.65404183E-03
36	0.83559414E-03	0.71285700E-03
37	0.91010600E-03	0.77860919E-03
38	0.99157798E-03	0.85222250E-03
39	0.10808471E-02	0.93473436E-03
40	0.11788598E-02	0.10272956E-02
41	0.12866834E-02	0.11311704E-02
42	0.14047603E-02	0.12250370E-02
43	0.15306502E-02	0.12876871E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16613107E-02	0.13207251E-02
45	0.17938656E-02	0.13258746E-02
46	0.19256176E-02	0.13049821E-02
47	0.20540596E-02	0.12600146E-02
48	0.21768876E-02	0.11930612E-02
49	0.22920126E-02	0.11063342E-02
50	0.23975731E-02	0.10021700E-02
51	0.24919475E-02	0.88303041E-03
52	0.25737663E-02	0.75150270E-03
53	0.26419256E-02	0.61029999E-03
54	0.26955984E-02	0.46226228E-03
55	0.27342492E-02	0.31035923E-03
56	0.27576447E-02	0.15769008E-03
57	0.27658693E-02	0.74808663E-05
58	0.27593346E-02	-0.13691989E-03
59	0.27387945E-02	-0.27204139E-03
60	0.27053554E-02	-0.39429337E-03
61	0.26604880E-02	-0.49997721E-03
62	0.26060385E-02	-0.58530079E-03
63	0.25442354E-02	-0.64639765E-03
64	0.24776971E-02	-0.67935011E-03
65	0.24094351E-02	-0.68021228E-03
66	0.23428560E-02	-0.64503693E-03
67	0.22807727E-02	-0.59951755E-03
68	0.22224481E-02	-0.56912651E-03
69	0.21665909E-02	-0.54942461E-03
70	0.21123586E-02	-0.53585938E-03
71	0.20593700E-02	-0.52376481E-03
72	0.20076353E-02	-0.51077956E-03
73	0.19572438E-02	-0.49690373E-03
74	0.19082844E-02	-0.48213723E-03
75	0.18608461E-02	-0.46648007E-03
76	0.18150180E-02	-0.44993227E-03
77	0.17708893E-02	-0.43249386E-03
78	0.17285489E-02	-0.41416477E-03
79	0.16880861E-02	-0.39494506E-03
80	0.16495896E-02	-0.37483469E-03
81	0.16131488E-02	-0.35383369E-03
82	0.15788525E-02	-0.33194205E-03
83	0.15467900E-02	-0.30915975E-03
84	0.15170503E-02	-0.28548684E-03
85	0.14897224E-02	-0.26092326E-03
86	0.14648953E-02	-0.23546904E-03
87	0.14426582E-02	-0.20912418E-03
88	0.14231002E-02	-0.18188867E-03
89	0.14063102E-02	-0.15376252E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.13923774E-02	-0.12474574E-03
91	0.13813907E-02	-0.94838302E-04
92	0.13733408E-02	-0.66997403E-04
93	0.13678238E-02	-0.44180204E-04
94	0.13643374E-02	-0.26386713E-04
95	0.13623791E-02	-0.13616924E-04
96	0.13614465E-02	-0.58708392E-05
97	0.13610374E-02	-0.31484585E-05
98	0.13606494E-02	-0.54497818E-05
99	0.13597800E-02	-0.12774809E-04
100	0.13579270E-02	-0.25123540E-04
101	0.13545878E-02	-0.42495976E-04
102	0.13492603E-02	-0.64892112E-04
103	0.13414420E-02	-0.92311959E-04
104	0.13306304E-02	-0.12475550E-03
105	0.13163234E-02	-0.16222276E-03
106	0.12980184E-02	-0.20471371E-03
107	0.12752141E-02	-0.25220137E-03
108	0.12474157E-02	-0.30456178E-03
109	0.12141481E-02	-0.36153101E-03
110	0.11749694E-02	-0.42270520E-03
111	0.11294850E-02	-0.48754047E-03
112	0.10773620E-02	-0.55535306E-03
113	0.10183427E-02	-0.62531920E-03
114	0.95225853E-03	-0.69647515E-03
115	0.87904470E-03	-0.76771731E-03
116	0.79875364E-03	-0.83780207E-03
117	0.71156904E-03	-0.90534572E-03
118	0.61787531E-03	-0.96716505E-03
119	0.51866134E-03	-0.10132245E-02
120	0.41644112E-03	-0.10229625E-02
121	0.31633029E-03	-0.96485717E-03
122	0.22564270E-03	-0.84156153E-03
123	0.14898219E-03	-0.68933959E-03
124	0.87906570E-04	-0.53316384E-03
125	0.41958010E-04	-0.38873026E-03
126	0.94853840E-05	-0.26455073E-03
127	-0.11736157E-04	-0.16389179E-03
128	-0.24072577E-04	-0.86620974E-04
129	-0.29770586E-04	-0.30657229E-04
130	-0.30809959E-04	0.71284394E-05
131	-0.28833487E-04	0.30256451E-04
132	-0.25131727E-04	0.42192718E-04
133	-0.20663472E-04	0.46073128E-04
134	-0.16096927E-04	0.44558787E-04
135	-0.11860338E-04	0.39785758E-04

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.81943017E-05	0.33376939E-04
137	-0.52008477E-05	0.26491200E-04
138	-0.28863885E-05	0.19895650E-04
139	-0.11968190E-05	0.14047070E-04
140	-0.44597581E-07	0.91697984E-05
141	0.67153837E-06	0.53244585E-05
142	0.10531014E-05	0.24633396E-05
143	0.11931616E-05	0.47087923E-06
144	0.11712159E-05	-0.80342414E-06
145	0.10511351E-05	-0.15179786E-05
146	0.88131554E-06	-0.18216722E-05
147	0.69618056E-06	-0.18439681E-05
148	0.51837912E-06	-0.16905470E-05
149	0.36121767E-06	-0.14427302E-05
150	0.23102028E-06	-0.11592980E-05
151	0.12923027E-06	-0.87969977E-06
152	0.54156494E-07	-0.62781646E-06
153	0.23417990E-08	-0.41568856E-06
154	-0.30425323E-07	-0.24688390E-06
155	-0.48422031E-07	-0.11969074E-06
156	-0.55597770E-07	-0.29526527E-07
157	-0.55360143E-07	0.29653513E-07
158	-0.50484953E-07	0.64296977E-07
159	-0.43113623E-07	0.80554138E-07
160	-0.34805719E-07	0.83863497E-07
161	-0.26621606E-07	0.78752414E-07
162	-0.19216959E-07	0.68789660E-07
163	-0.12936802E-07	0.56633066E-07
164	-0.79016340E-08	0.44137813E-07
165	-0.40807229E-08	0.32498047E-07
166	-0.13508761E-08	0.22392728E-07
167	0.45895615E-09	0.14121408E-07
168	0.15358775E-08	0.77242470E-08
169	0.20618207E-08	0.30675400E-08
170	0.21993654E-08	-0.89767825E-10
171	0.20843309E-08	-0.20331596E-08
172	0.18236316E-08	-0.30496115E-08
173	0.14965802E-08	-0.34009184E-08
174	0.11582055E-08	-0.33094951E-08
175	0.84351220E-09	-0.29531406E-08
176	0.57194344E-09	-0.24658053E-08
177	0.35156505E-09	-0.19420521E-08
178	0.18269572E-09	-0.14434172E-08
179	0.60862773E-10	-0.10053477E-08
180	-0.20925844E-10	-0.64383887E-09
181	-0.70547290E-10	-0.36159847E-09

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.95710564E-10	-0.15330877E-09
183	-0.10335201E-09	-0.93079598E-11
184	-0.99329552E-10	0.81970881E-10
185	-0.88322676E-10	0.13230432E-09
186	-0.73870104E-10	0.15259528E-09
187	-0.58490927E-10	0.15226712E-09
188	-0.43847655E-10	0.13900972E-09
189	-0.30921911E-10	0.11876441E-09
190	-0.20183395E-10	0.95860493E-10
191	-0.11740249E-10	0.73243474E-10
192	-0.54642098E-11	0.52741141E-10
193	-0.10890977E-11	0.35326495E-10
194	0.17159068E-11	0.21356378E-10
195	0.32950381E-11	0.10772060E-10
196	0.39722292E-11	0.32450518E-11
197	0.40299118E-11	-0.17060503E-11
198	0.36991408E-11	-0.46135019E-11
199	0.31581547E-11	-0.59926556E-11
200	0.25362837E-11	-0.63015886E-11
201	0.19208099E-11	-0.59213385E-11
202	0.13650385E-11	-0.51504157E-11
203	0.89641884E-12	-0.42087280E-11
204	0.52394921E-12	-0.32473514E-11
205	0.24445027E-12	-0.23609237E-11
206	0.47567886E-13	-0.16003926E-11
207	-0.80460432E-13	-0.98482702E-12
208	-0.15418851E-12	-0.51299161E-12
209	-0.18742316E-12	-0.17208820E-12
210	-0.19232818E-12	0.57154483E-13
211	-0.17899061E-12	0.19644661E-12
212	-0.15532377E-12	0.26719146E-12
213	-0.12719127E-12	0.28876776E-12
214	-0.98662079E-13	0.27758807E-12
215	-0.72328218E-13	0.24677157E-12
216	-0.49631296E-13	0.20624918E-12
217	-0.31166188E-13	0.16309248E-12
218	-0.16945153E-13	0.12196520E-12
219	-0.66136269E-14	0.85623606E-13
220	0.38335189E-15	0.55395538E-13
221	0.46810865E-14	0.31635651E-13
222	0.69160109E-14	0.14041635E-13
223	0.76701840E-14	0.18707216E-14
224	0.74390779E-14	-0.58325232E-14
225	0.66192584E-14	-0.10068388E-13
226	0.55097367E-14	-0.11774148E-13
227	0.43217065E-14	-0.11761575E-13

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.31927495E-14	-0.10689172E-13
229	0.22024237E-14	-0.90602210E-14
230	0.13872167E-14	-0.72359238E-14
231	0.75374990E-15	-0.54562957E-14
232	0.28971100E-15	-0.38640648E-14
233	-0.27612364E-16	-0.25283135E-14
234	-0.22516444E-15	-0.14689442E-14
235	-0.33026574E-15	-0.67551084E-15
236	-0.36814130E-15	-0.11831817E-15
237	-0.36048521E-15	0.24219965E-15
238	-0.32485331E-15	0.44815926E-15
239	-0.27468019E-15	0.53931366E-15
240	-0.21965722E-15	0.55046866E-15
241	-0.16629601E-15	0.51033740E-15
242	-0.11855056E-15	0.44138148E-15
243	-0.78427958E-16	0.36017794E-15
244	-0.46541731E-16	0.27817155E-15
245	-0.22578045E-16	0.20263339E-15
246	-0.56648683E-17	0.13760078E-15
247	0.53491661E-17	0.84779792E-16
248	0.11702692E-16	0.44306851E-16
249	0.14589729E-16	0.15209716E-16
250	0.15068261E-16	-0.41786232E-17
251	0.14012701E-16	-0.15806096E-16
252	0.12101475E-16	-0.21600569E-16
253	0.98296974E-17	-0.23281715E-16
254	0.75349966E-17	-0.22266949E-16
255	0.54289998E-17	-0.19671425E-16
256	0.36250533E-17	-0.16345638E-16
257	0.21646839E-17	-0.12875493E-16
258	0.10428010E-17	-0.96199616E-17
259	0.22662758E-18	-0.67863502E-17
260	-0.33164341E-18	-0.44679681E-17
261	-0.68407935E-18	-0.26629851E-17
262	-0.88000313E-18	-0.13308822E-17
263	-0.96337962E-18	-0.39249379E-18
264	-0.96832637E-18	0.25116026E-18
265	-0.92089273E-18	0.66245757E-18
266	-0.84146830E-18	0.90475061E-18
267	-0.74343225E-18	0.10423552E-17
268	-0.63556428E-18	0.11029491E-17
269	-0.52445510E-18	0.11151629E-17

STEP DI CARICO NO. 11

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048712E-03	-0.34785928E-04
2	0.14701318E-03	-0.34646029E-04
3	0.14357484E-03	-0.33998200E-04
4	0.14024386E-03	-0.32440657E-04
5	0.13712401E-03	-0.29764014E-04
6	0.13433002E-03	-0.25918302E-04
7	0.13198046E-03	-0.20869102E-04
8	0.13019786E-03	-0.14570137E-04
9	0.12911002E-03	-0.69634752E-05
10	0.12885105E-03	0.20197597E-05
11	0.12956267E-03	0.12463761E-04
12	0.13139640E-03	0.24485356E-04
13	0.13451782E-03	0.38249273E-04
14	0.13911159E-03	0.53973217E-04
15	0.14538693E-03	0.71931441E-04
16	0.15358342E-03	0.92455768E-04
17	0.16390446E-03	0.11377140E-03
18	0.17630646E-03	0.13415010E-03
19	0.19071871E-03	0.15405541E-03
20	0.20711753E-03	0.17396027E-03
21	0.22552587E-03	0.19431820E-03
22	0.24600912E-03	0.21551506E-03
23	0.26866517E-03	0.23780098E-03
24	0.29360989E-03	0.26130347E-03
25	0.32096982E-03	0.28612421E-03
26	0.35088271E-03	0.31238451E-03
27	0.38349940E-03	0.34022488E-03
28	0.41898584E-03	0.36981015E-03
29	0.45752607E-03	0.40133510E-03
30	0.49932615E-03	0.43505925E-03
31	0.54462376E-03	0.47135932E-03
32	0.59370074E-03	0.51074103E-03
33	0.64689550E-03	0.55382692E-03
34	0.70461369E-03	0.60133921E-03
35	0.76733745E-03	0.65407640E-03
36	0.83563128E-03	0.71288296E-03
37	0.91014517E-03	0.77862228E-03
38	0.99161768E-03	0.85221831E-03
39	0.10808853E-02	0.93470898E-03
40	0.11788943E-02	0.10272462E-02
41	0.12867117E-02	0.11310964E-02
42	0.14047801E-02	0.12249404E-02
43	0.15306594E-02	0.12875743E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16613082E-02	0.13206089E-02
45	0.17938521E-02	0.13257716E-02
46	0.19255951E-02	0.13049090E-02
47	0.20540319E-02	0.12599889E-02
48	0.21768606E-02	0.11931008E-02
49	0.22919937E-02	0.11064579E-02
50	0.23975715E-02	0.10023970E-02
51	0.24919745E-02	0.88338024E-03
52	0.25738354E-02	0.75199467E-03
53	0.26420515E-02	0.61095203E-03
54	0.26957984E-02	0.46308985E-03
55	0.27345410E-02	0.31137330E-03
56	0.27580478E-02	0.15889517E-03
57	0.27664020E-02	0.88722190E-05
58	0.27600152E-02	-0.13535946E-03
59	0.27396383E-02	-0.27034519E-03
60	0.27063733E-02	-0.39251495E-03
61	0.26616850E-02	-0.49819495E-03
62	0.26074094E-02	-0.58362249E-03
63	0.25457633E-02	-0.64496521E-03
64	0.24793490E-02	-0.67832769E-03
65	0.24111632E-02	-0.67972433E-03
66	0.23446064E-02	-0.64505613E-03
67	0.22825000E-02	-0.59994700E-03
68	0.22241147E-02	-0.56990731E-03
69	0.21681641E-02	-0.55049796E-03
70	0.21138124E-02	-0.53716643E-03
71	0.20606839E-02	-0.52524672E-03
72	0.20087948E-02	-0.51237753E-03
73	0.19582401E-02	-0.49855886E-03
74	0.19091147E-02	-0.48379070E-03
75	0.18615136E-02	-0.46807309E-03
76	0.18155316E-02	-0.45140597E-03
77	0.17712640E-02	-0.43378939E-03
78	0.17288048E-02	-0.41524236E-03
79	0.16882455E-02	-0.39579699E-03
80	0.16496746E-02	-0.37547437E-03
81	0.16131795E-02	-0.35428695E-03
82	0.15788459E-02	-0.33224060E-03
83	0.15467599E-02	-0.30933652E-03
84	0.15170072E-02	-0.28557284E-03
85	0.14896741E-02	-0.26094588E-03
86	0.14648470E-02	-0.23545095E-03
87	0.14426130E-02	-0.20908314E-03
88	0.14230596E-02	-0.18183771E-03
89	0.14062749E-02	-0.15371028E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.13923472E-02	-0.12469699E-03
91	0.13813651E-02	-0.94794515E-04
92	0.13733193E-02	-0.66958382E-04
93	0.13678060E-02	-0.44145680E-04
94	0.13643227E-02	-0.26356405E-04
95	0.13623673E-02	-0.13590559E-04
96	0.13614371E-02	-0.58481432E-05
97	0.13610302E-02	-0.31291568E-05
98	0.13606439E-02	-0.54335992E-05
99	0.13597760E-02	-0.12761471E-04
100	0.13579242E-02	-0.25112771E-04
101	0.13545860E-02	-0.42487503E-04
102	0.13492592E-02	-0.64885659E-04
103	0.13414414E-02	-0.92307251E-04
104	0.13306303E-02	-0.12475226E-03
105	0.13163235E-02	-0.16222072E-03
106	0.12980187E-02	-0.20471259E-03
107	0.12752145E-02	-0.25220093E-03
108	0.12474161E-02	-0.30456184E-03
109	0.12141485E-02	-0.36153136E-03
110	0.11749697E-02	-0.42270569E-03
111	0.11294853E-02	-0.48754102E-03
112	0.10773622E-02	-0.55535359E-03
113	0.10183428E-02	-0.62531966E-03
114	0.95225865E-03	-0.69647562E-03
115	0.87904482E-03	-0.76771766E-03
116	0.79875370E-03	-0.83780230E-03
117	0.71156904E-03	-0.90534595E-03
118	0.61787531E-03	-0.96716516E-03
119	0.51866134E-03	-0.10132246E-02
120	0.41644112E-03	-0.10229626E-02
121	0.31633026E-03	-0.96485723E-03
122	0.22564268E-03	-0.84156153E-03
123	0.14898217E-03	-0.68933959E-03
124	0.87906563E-04	-0.53316384E-03
125	0.41957999E-04	-0.38873023E-03
126	0.94853767E-05	-0.26455073E-03
127	-0.11736162E-04	-0.16389177E-03
128	-0.24072582E-04	-0.86620967E-04
129	-0.29770592E-04	-0.30657226E-04
130	-0.30809962E-04	0.71284380E-05
131	-0.28833492E-04	0.30256448E-04
132	-0.25131732E-04	0.42192711E-04
133	-0.20663478E-04	0.46073124E-04
134	-0.16096932E-04	0.44558787E-04
135	-0.11860344E-04	0.39785766E-04

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.81943062E-05	0.33376949E-04
137	-0.52008518E-05	0.26491209E-04
138	-0.28863913E-05	0.19895659E-04
139	-0.11968210E-05	0.14047078E-04
140	-0.44598856E-07	0.91698048E-05
141	0.67153769E-06	0.53244635E-05
142	0.10531012E-05	0.24633432E-05
143	0.11931617E-05	0.47088170E-06
144	0.11712161E-05	-0.80342255E-06
145	0.10511354E-05	-0.15179777E-05
146	0.88131594E-06	-0.18216720E-05
147	0.69618096E-06	-0.18439683E-05
148	0.51837952E-06	-0.16905476E-05
149	0.36121799E-06	-0.14427308E-05
150	0.23102052E-06	-0.11592986E-05
151	0.12923046E-06	-0.87970034E-06
152	0.54156626E-07	-0.62781697E-06
153	0.23418820E-08	-0.41568899E-06
154	-0.30425277E-07	-0.24688421E-06
155	-0.48422013E-07	-0.11969097E-06
156	-0.55597770E-07	-0.29526674E-07
157	-0.55360154E-07	0.29653428E-07
158	-0.50484971E-07	0.64296941E-07
159	-0.43113644E-07	0.80554130E-07
160	-0.34805737E-07	0.83863512E-07
161	-0.26621622E-07	0.78752443E-07
162	-0.19216973E-07	0.68789689E-07
163	-0.12936813E-07	0.56633098E-07
164	-0.79016420E-08	0.44137842E-07
165	-0.40807282E-08	0.32498072E-07
166	-0.13508794E-08	0.22392745E-07
167	0.45895440E-09	0.14121421E-07
168	0.15358769E-08	0.77242559E-08
169	0.20618207E-08	0.30675460E-08
170	0.21993660E-08	-0.89764592E-10
171	0.20843318E-08	-0.20331583E-08
172	0.18236324E-08	-0.30496115E-08
173	0.14965810E-08	-0.34009193E-08
174	0.11582062E-08	-0.33094965E-08
175	0.84351276E-09	-0.29531420E-08
176	0.57194388E-09	-0.24658067E-08
177	0.35156536E-09	-0.19420532E-08
178	0.18269593E-09	-0.14434181E-08
179	0.60862891E-10	-0.10053485E-08
180	-0.20925785E-10	-0.64383943E-09
181	-0.70547276E-10	-0.36159886E-09

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.95710578E-10	-0.15330899E-09
183	-0.10335204E-09	-0.93080777E-11
184	-0.99329593E-10	0.81970840E-10
185	-0.88322717E-10	0.13230433E-09
186	-0.73870146E-10	0.15259533E-09
187	-0.58490955E-10	0.15226718E-09
188	-0.43847682E-10	0.13900979E-09
189	-0.30921928E-10	0.11876447E-09
190	-0.20183409E-10	0.95860542E-10
191	-0.11740258E-10	0.73243522E-10
192	-0.54642150E-11	0.52741173E-10
193	-0.10890999E-11	0.35326519E-10
194	0.17159066E-11	0.21356394E-10
195	0.32950389E-11	0.10772069E-10
196	0.39722310E-11	0.32450561E-11
197	0.40299136E-11	-0.17060494E-11
198	0.36991426E-11	-0.46135032E-11
199	0.31581565E-11	-0.59926578E-11
200	0.25362852E-11	-0.63015916E-11
201	0.19208109E-11	-0.59213411E-11
202	0.13650393E-11	-0.51504183E-11
203	0.89641939E-12	-0.42087302E-11
204	0.52394954E-12	-0.32473533E-11
205	0.24445046E-12	-0.23609253E-11
206	0.47567964E-13	-0.16003935E-11
207	-0.80460439E-13	-0.98482767E-12
208	-0.15418858E-12	-0.51299205E-12
209	-0.18742325E-12	-0.17208843E-12
210	-0.19232829E-12	0.57154402E-13
211	-0.17899072E-12	0.19644662E-12
212	-0.15532387E-12	0.26719154E-12
213	-0.12719136E-12	0.28876790E-12
214	-0.98662167E-13	0.27758817E-12
215	-0.72328286E-13	0.24677173E-12
216	-0.49631353E-13	0.20624934E-12
217	-0.31166232E-13	0.16309264E-12
218	-0.16945177E-13	0.12196537E-12
219	-0.66136316E-14	0.85623809E-13
220	0.38336822E-15	0.55395748E-13
221	0.46811238E-14	0.31635854E-13
222	0.69160672E-14	0.14041813E-13
223	0.76702560E-14	0.18708622E-14
224	0.74391617E-14	-0.58324296E-14
225	0.66193495E-14	-0.10068344E-13
226	0.55098295E-14	-0.11774165E-13
227	0.43217942E-14	-0.11761664E-13

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.31928244E-14	-0.10689330E-13
229	0.22024801E-14	-0.90604319E-14
230	0.13872505E-14	-0.72361576E-14
231	0.75376091E-15	-0.54565138E-14
232	0.28970239E-15	-0.38642325E-14
233	-0.27634055E-16	-0.25284046E-14
234	-0.22519080E-15	-0.14689455E-14
235	-0.33028771E-15	-0.67542291E-15
236	-0.36815054E-15	-0.11815522E-15
237	-0.36047528E-15	0.24241649E-15
238	-0.32481996E-15	0.44840691E-15
239	-0.27462145E-15	0.53957047E-15
240	-0.21957312E-15	0.55071636E-15
241	-0.16618820E-15	0.51056203E-15
242	-0.11842188E-15	0.44157302E-15
243	-0.78282057E-16	0.36032988E-15
244	-0.46382790E-16	0.27827994E-15
245	-0.22410518E-16	0.20269655E-15
246	-0.54932895E-17	0.13761887E-15
247	0.55203718E-17	0.84754712E-16
248	0.11869369E-16	0.44242056E-16
249	0.14748134E-16	0.15109905E-16
250	0.15215163E-16	-0.43078710E-17
251	0.14145457E-16	-0.15958719E-16
252	0.12218057E-16	-0.21770428E-16
253	0.99286778E-17	-0.23462950E-16
254	0.76155070E-17	-0.22454288E-16
255	0.54906615E-17	-0.19860382E-16
256	0.36678917E-17	-0.16532641E-16
257	0.21890330E-17	-0.13057915E-16
258	0.10492121E-17	-0.97960858E-17
259	0.21578182E-18	-0.69552795E-17
260	-0.35901117E-18	-0.46294962E-17
261	-0.72724210E-18	-0.28174533E-17
262	-0.93828906E-18	-0.14790288E-17
263	-0.10362048E-17	-0.53531309E-18
264	-0.10552136E-17	0.11254670E-18
265	-0.10214786E-17	0.52691296E-18
266	-0.95549969E-18	0.77121874E-18
267	-0.87075432E-18	0.90994220E-18
268	-0.77610025E-18	0.97099506E-18
269	-0.67817995E-18	0.98330682E-18

STEP DI CARICO NO. 12

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048735E-03	-0.34786895E-04
2	0.14701333E-03	-0.34646997E-04
3	0.14357489E-03	-0.33999171E-04
4	0.14024381E-03	-0.32441643E-04
5	0.13712386E-03	-0.29765019E-04
6	0.13432978E-03	-0.25919328E-04
7	0.13198011E-03	-0.20870153E-04
8	0.13019741E-03	-0.14571201E-04
9	0.12910945E-03	-0.69645366E-05
10	0.12885038E-03	0.20187317E-05
11	0.12956190E-03	0.12462811E-04
12	0.13139553E-03	0.24484547E-04
13	0.13451689E-03	0.38248687E-04
14	0.13911061E-03	0.53972955E-04
15	0.14538596E-03	0.71931630E-04
16	0.15358248E-03	0.92456561E-04
17	0.16390365E-03	0.11377299E-03
18	0.17630585E-03	0.13415271E-03
19	0.19071842E-03	0.15405929E-03
20	0.20711770E-03	0.17396569E-03
21	0.22552667E-03	0.19432543E-03
22	0.24601075E-03	0.21552433E-03
23	0.26866785E-03	0.23781254E-03
24	0.29361382E-03	0.26131747E-03
25	0.32097529E-03	0.28614074E-03
26	0.35088995E-03	0.31240357E-03
27	0.38350865E-03	0.34024628E-03
28	0.41899737E-03	0.36983355E-03
29	0.45754001E-03	0.40135984E-03
30	0.49934263E-03	0.43508442E-03
31	0.54464274E-03	0.47138368E-03
32	0.59372198E-03	0.51076279E-03
33	0.64691866E-03	0.55384403E-03
34	0.70463825E-03	0.60134887E-03
35	0.76736248E-03	0.65407529E-03
36	0.83565549E-03	0.71286730E-03
37	0.91016694E-03	0.77858800E-03
38	0.99163491E-03	0.85216167E-03
39	0.10808957E-02	0.93462592E-03
40	0.11788948E-02	0.10271325E-02
41	0.12866991E-02	0.11309476E-02
42	0.14047506E-02	0.12247527E-02
43	0.15306092E-02	0.12873444E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16612328E-02	0.13203344E-02
45	0.17937470E-02	0.13254519E-02
46	0.19254558E-02	0.13045454E-02
47	0.20538543E-02	0.12595857E-02
48	0.21766408E-02	0.11926661E-02
49	0.22917294E-02	0.11060045E-02
50	0.23972618E-02	0.10019435E-02
51	0.24916204E-02	0.88295201E-03
52	0.25734410E-02	0.75162499E-03
53	0.26416250E-02	0.61068317E-03
54	0.26953521E-02	0.46297375E-03
55	0.27340932E-02	0.31147234E-03
56	0.27576236E-02	0.15928243E-03
57	0.27660343E-02	0.96310951E-05
58	0.27597460E-02	-0.13413611E-03
59	0.27395186E-02	-0.26855696E-03
60	0.27064653E-02	-0.39005681E-03
61	0.26620605E-02	-0.49496145E-03
62	0.26081519E-02	-0.57950203E-03
63	0.25469684E-02	-0.63979300E-03
64	0.24811355E-02	-0.67181257E-03
65	0.24136868E-02	-0.67140290E-03
66	0.23480791E-02	-0.63427154E-03
67	0.22872072E-02	-0.58590656E-03
68	0.22304270E-02	-0.55166625E-03
69	0.21765588E-02	-0.52687188E-03
70	0.21248974E-02	-0.50672999E-03
71	0.20752209E-02	-0.48634814E-03
72	0.20277288E-02	-0.46293624E-03
73	0.19827515E-02	-0.43599127E-03
74	0.19406541E-02	-0.40533926E-03
75	0.19018069E-02	-0.37098787E-03
76	0.18665799E-02	-0.33293708E-03
77	0.18353428E-02	-0.29118685E-03
78	0.18084658E-02	-0.24573723E-03
79	0.17863187E-02	-0.19658821E-03
80	0.17692714E-02	-0.14373977E-03
81	0.17576941E-02	-0.87191926E-04
82	0.17519564E-02	-0.26944674E-04
83	0.17524285E-02	0.37001992E-04
84	0.17594801E-02	0.10464806E-03
85	0.17734814E-02	0.17599354E-03
86	0.17948021E-02	0.25103844E-03
87	0.18238124E-02	0.32978272E-03
88	0.18608820E-02	0.41222642E-03
89	0.19063810E-02	0.49836957E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.19606792E-02	0.58821205E-03
91	0.20241467E-02	0.68175403E-03
92	0.20969785E-02	0.77374768E-03
93	0.21786697E-02	0.85894560E-03
94	0.22685409E-02	0.93734759E-03
95	0.23659128E-02	0.10089538E-02
96	0.24701052E-02	0.10737641E-02
97	0.25804390E-02	0.11317785E-02
98	0.26962343E-02	0.11829971E-02
99	0.28168119E-02	0.12274199E-02
100	0.29414918E-02	0.12650468E-02
101	0.30695947E-02	0.12958779E-02
102	0.32004409E-02	0.13199131E-02
103	0.33333509E-02	0.13371524E-02
104	0.34676448E-02	0.13475959E-02
105	0.36026435E-02	0.13512436E-02
106	0.37376671E-02	0.13480955E-02
107	0.38720369E-02	0.13381784E-02
108	0.40050810E-02	0.13216165E-02
109	0.41361474E-02	0.12986736E-02
110	0.42646169E-02	0.12697536E-02
111	0.43899170E-02	0.12354003E-02
112	0.45115384E-02	0.11962977E-02
113	0.46290457E-02	0.11532693E-02
114	0.47420934E-02	0.11072789E-02
115	0.48504397E-02	0.10594302E-02
116	0.49539590E-02	0.10109668E-02
117	0.50521651E-02	0.94846525E-03
118	0.51427414E-02	0.85864199E-03
119	0.52230381E-02	0.74316061E-03
120	0.52905786E-02	0.60382445E-03
121	0.53430726E-02	0.44257700E-03
122	0.53784330E-02	0.26150161E-03
123	0.53947861E-02	0.62821615E-04
124	0.53904890E-02	-0.15109974E-03
125	0.53641414E-02	-0.37775919E-03
126	0.53146007E-02	-0.61451358E-03
127	0.52409954E-02	-0.85857970E-03
128	0.51427386E-02	-0.11070345E-02
129	0.50195442E-02	-0.13568149E-02
130	0.48714383E-02	-0.16047177E-02
131	0.46987748E-02	-0.18474002E-02
132	0.45022485E-02	-0.20813793E-02
133	0.42829094E-02	-0.23030322E-02
134	0.40421779E-02	-0.25085961E-02
135	0.37818567E-02	-0.26941679E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.35041457E-02	-0.28557051E-02
137	0.32116564E-02	-0.29890249E-02
138	0.29074254E-02	-0.30898044E-02
139	0.25949290E-02	-0.31535814E-02
140	0.22780960E-02	-0.31757532E-02
141	0.19613232E-02	-0.31515770E-02
142	0.16494882E-02	-0.30761703E-02
143	0.13479642E-02	-0.29445109E-02
144	0.10626332E-02	-0.27514361E-02
145	0.79990091E-03	-0.24916437E-02
146	0.56702533E-03	-0.21502273E-02
147	0.37182527E-03	-0.17497166E-02
148	0.21713399E-03	-0.13476467E-02
149	0.10114587E-03	-0.98007824E-03
150	0.19329635E-04	-0.66617090E-03
151	-0.34097247E-04	-0.41253158E-03
152	-0.65139939E-04	-0.21778994E-03
153	-0.79431586E-04	-0.76338925E-04
154	-0.81924016E-04	0.19623241E-04
155	-0.76732991E-04	0.78803809E-04
156	-0.67103916E-04	0.10976451E-03
157	-0.55462016E-04	0.12026746E-03
158	-0.43511875E-04	0.11692698E-03
159	-0.32360025E-04	0.10508431E-03
160	-0.22641934E-04	0.88833986E-04
161	-0.14641208E-04	0.71144321E-04
162	-0.83939776E-05	0.54027412E-04
163	-0.37753800E-05	0.38720835E-04
164	-0.56860972E-06	0.25850295E-04
165	0.14816613E-05	0.15589227E-04
166	0.26324894E-05	0.78257681E-05
167	0.31211246E-05	0.22915958E-05
168	0.31533657E-05	-0.13658597E-05
169	0.28976942E-05	-0.35310686E-05
170	0.24845340E-05	-0.45748202E-05
171	0.20091184E-05	-0.48269262E-05
172	0.15363580E-05	-0.45627526E-05
173	0.11065349E-05	-0.39995639E-05
174	0.74101376E-06	-0.32993182E-05
175	0.44746588E-06	-0.25752356E-05
176	0.22433346E-06	-0.19001487E-05
177	0.64445246E-07	-0.13147881E-05
178	-0.42165738E-07	-0.83567488E-06
179	-0.10624484E-06	-0.46321489E-06
180	-0.13807794E-06	-0.18883169E-06
181	-0.14683974E-06	0.69488115E-09

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.14025501E-06	0.12073987E-06
183	-0.12449139E-06	0.18679607E-06
184	-0.10421920E-06	0.21315049E-06
185	-0.82773269E-07	0.21214555E-06
186	-0.62365693E-07	0.19387247E-06
187	-0.44313293E-07	0.16616383E-06
188	-0.29255538E-07	0.13477673E-06
189	-0.17348217E-07	0.10368147E-06
190	-0.84256842E-08	0.75393046E-07
191	-0.21308293E-08	0.51267993E-07
192	0.19827189E-08	0.31787064E-07
193	0.43782808E-08	0.16857053E-07
194	0.54917622E-08	0.60560210E-08
195	0.57069576E-08	-0.12208383E-08
196	0.53421934E-08	-0.56597362E-08
197	0.46470401E-08	-0.79377322E-08
198	0.38062726E-08	-0.86669472E-08
199	0.29480098E-08	-0.83653875E-08
200	0.21537578E-08	-0.74469488E-08
201	0.14687616E-08	-0.62242664E-08
202	0.91164637E-09	-0.49193289E-08
203	0.48277521E-09	-0.36780090E-08
204	0.17109196E-09	-0.25852684E-08
205	-0.40514998E-10	-0.16796234E-08
206	-0.17127648E-09	-0.96729103E-09
207	-0.24000041E-09	-0.43577425E-09
208	-0.26371705E-09	-0.62828590E-10
209	-0.25694574E-09	0.17872837E-09
210	-0.23141442E-09	0.31699388E-09
211	-0.19611153E-09	0.37832226E-09
212	-0.15754548E-09	0.38578507E-09
213	-0.12011386E-09	0.35846756E-09
214	-0.86511839E-10	0.31135386E-09
215	-0.58131271E-10	0.25559471E-09
216	-0.35420882E-10	0.19899600E-09
217	-0.18191768E-10	0.14660632E-09
218	-0.58638827E-11	0.10128864E-09
219	0.23416098E-11	0.64240453E-10
220	0.72614870E-11	0.35510629E-10
221	0.96996118E-11	0.14457091E-10
222	0.10374138E-10	0.40530527E-13
223	0.98879490E-11	-0.89691024E-11
224	0.87191617E-11	-0.13813417E-10
225	0.72261030E-11	-0.15632620E-10
226	0.56609045E-11	-0.15403812E-10
227	0.41872842E-11	-0.13916690E-10

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.28993943E-11	-0.11774742E-10
229	0.18396879E-11	-0.94122340E-11
230	0.10146191E-11	-0.71195762E-11
231	0.40761551E-12	-0.50716367E-11
232	-0.10730905E-13	-0.33543758E-11
233	-0.27500148E-12	-0.19893698E-11
234	-0.41977706E-12	-0.95952911E-12
235	-0.47682973E-12	-0.22736079E-12
236	-0.47355880E-12	0.25551981E-12
237	-0.43232578E-12	0.54039997E-12
238	-0.37044930E-12	0.67616567E-12
239	-0.30061907E-12	0.70613881E-12
240	-0.23154081E-12	0.66653372E-12
241	-0.16867431E-12	0.58606879E-12
242	-0.11496912E-12	0.48634176E-12
243	-0.71537794E-13	0.38265972E-12
244	-0.38233509E-13	0.28508765E-12
245	-0.14119212E-13	0.19954706E-12
246	0.21693918E-14	0.12881117E-12
247	0.12153674E-13	0.73394815E-13
248	0.17327599E-13	0.32355757E-13
249	0.19043854E-13	0.38875060E-14
250	0.18449836E-13	-0.14238668E-13
251	0.16464271E-13	-0.24320286E-13
252	0.13782616E-13	-0.28496770E-13
253	0.10899974E-13	-0.28621558E-13
254	0.81429453E-14	-0.26207127E-13
255	0.57042917E-14	-0.22420391E-13
256	0.36763250E-14	-0.18109917E-13
257	0.20806045E-14	-0.13850562E-13
258	0.89274859E-15	-0.99951251E-14
259	0.62047804E-16	-0.67256347E-14
260	-0.47379942E-15	-0.40987746E-14
261	-0.77834720E-15	-0.20911164E-14
262	-0.91041060E-15	-0.63509429E-15
263	-0.92071730E-15	0.36039013E-15
264	-0.85039032E-15	0.99414192E-15
265	-0.73076163E-15	0.13617131E-14
266	-0.58407745E-15	0.15483919E-14
267	-0.42475007E-15	0.16250660E-14
268	-0.26091955E-15	0.16460807E-14
269	-0.96157364E-16	0.16483926E-14

STEP DI CARICO NO. 13

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048735E-03	-0.34786899E-04
2	0.14701333E-03	-0.34647001E-04
3	0.14357489E-03	-0.33999175E-04
4	0.14024381E-03	-0.32441647E-04
5	0.13712386E-03	-0.29765024E-04
6	0.13432978E-03	-0.25919333E-04
7	0.13198011E-03	-0.20870157E-04
8	0.13019740E-03	-0.14571207E-04
9	0.12910945E-03	-0.69645416E-05
10	0.12885038E-03	0.20187263E-05
11	0.12956189E-03	0.12462806E-04
12	0.13139553E-03	0.24484543E-04
13	0.13451689E-03	0.38248680E-04
14	0.13911061E-03	0.53972952E-04
15	0.14538596E-03	0.71931630E-04
16	0.15358247E-03	0.92456561E-04
17	0.16390365E-03	0.11377299E-03
18	0.17630585E-03	0.13415272E-03
19	0.19071842E-03	0.15405931E-03
20	0.20711770E-03	0.17396572E-03
21	0.22552667E-03	0.19432546E-03
22	0.24601078E-03	0.21552437E-03
23	0.26866785E-03	0.23781258E-03
24	0.29361385E-03	0.26131753E-03
25	0.32097532E-03	0.28614083E-03
26	0.35088998E-03	0.31240366E-03
27	0.38350871E-03	0.34024639E-03
28	0.41899743E-03	0.36983367E-03
29	0.45754007E-03	0.40135995E-03
30	0.49934268E-03	0.43508457E-03
31	0.54464280E-03	0.47138380E-03
32	0.59372210E-03	0.51076297E-03
33	0.64691878E-03	0.55384409E-03
34	0.70463837E-03	0.60134893E-03
35	0.76736265E-03	0.65407535E-03
36	0.83565566E-03	0.71286730E-03
37	0.91016706E-03	0.77858788E-03
38	0.99163502E-03	0.85216144E-03
39	0.10808957E-02	0.93462557E-03
40	0.11788949E-02	0.10271320E-02
41	0.12866991E-02	0.11309469E-02
42	0.14047506E-02	0.12247518E-02
43	0.15306090E-02	0.12873432E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16612324E-02	0.13203330E-02
45	0.17937465E-02	0.13254501E-02
46	0.19254551E-02	0.13045435E-02
47	0.20538534E-02	0.12595834E-02
48	0.21766396E-02	0.11926636E-02
49	0.22917280E-02	0.11060016E-02
50	0.23972602E-02	0.10019405E-02
51	0.24916185E-02	0.88294892E-03
52	0.25734387E-02	0.75162202E-03
53	0.26416224E-02	0.61068049E-03
54	0.26953493E-02	0.46297172E-03
55	0.27340902E-02	0.31147126E-03
56	0.27576205E-02	0.15928267E-03
57	0.27660315E-02	0.96331723E-05
58	0.27597432E-02	-0.13413165E-03
59	0.27395168E-02	-0.26854951E-03
60	0.27064641E-02	-0.39004566E-03
61	0.26620608E-02	-0.49494597E-03
62	0.26081537E-02	-0.57948142E-03
63	0.25469728E-02	-0.63976657E-03
64	0.24811428E-02	-0.67177974E-03
65	0.24136978E-02	-0.67136314E-03
66	0.23480942E-02	-0.63422462E-03
67	0.22872274E-02	-0.58585283E-03
68	0.22304528E-02	-0.55160694E-03
69	0.21765910E-02	-0.52680855E-03
70	0.21249361E-02	-0.50666503E-03
71	0.20752659E-02	-0.48628484E-03
72	0.20277798E-02	-0.46288033E-03
73	0.19828074E-02	-0.43595282E-03
74	0.19407127E-02	-0.40532311E-03
75	0.19018661E-02	-0.37099121E-03
76	0.18666378E-02	-0.33295708E-03
77	0.18353981E-02	-0.29122076E-03
78	0.18085170E-02	-0.24578223E-03
79	0.17863651E-02	-0.19664150E-03
80	0.17693122E-02	-0.14379856E-03
81	0.17577288E-02	-0.87253415E-04
82	0.17519849E-02	-0.27006063E-04
83	0.17524509E-02	0.36943497E-04
84	0.17594970E-02	0.10459526E-03
85	0.17734934E-02	0.17594846E-03
86	0.17948101E-02	0.25100179E-03
87	0.18238170E-02	0.32975432E-03
88	0.18608843E-02	0.41220550E-03
89	0.19063815E-02	0.49835496E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.19606785E-02	0.58820267E-03
91	0.20241451E-02	0.68174856E-03
92	0.20969766E-02	0.77374518E-03
93	0.21786676E-02	0.85894502E-03
94	0.22685390E-02	0.93734823E-03
95	0.23659107E-02	0.10089549E-02
96	0.24701036E-02	0.10737656E-02
97	0.25804373E-02	0.11317800E-02
98	0.26962329E-02	0.11829985E-02
99	0.28168105E-02	0.12274212E-02
100	0.29414906E-02	0.12650480E-02
101	0.30695936E-02	0.12958791E-02
102	0.32004400E-02	0.13199142E-02
103	0.33333499E-02	0.13371535E-02
104	0.34676441E-02	0.13475970E-02
105	0.36026428E-02	0.13512446E-02
106	0.37376664E-02	0.13480963E-02
107	0.38720365E-02	0.13381792E-02
108	0.40050810E-02	0.13216172E-02
109	0.41361470E-02	0.12986743E-02
110	0.42646164E-02	0.12697541E-02
111	0.43899170E-02	0.12354009E-02
112	0.45115384E-02	0.11962982E-02
113	0.46290457E-02	0.11532697E-02
114	0.47420934E-02	0.11072792E-02
115	0.48504397E-02	0.10594304E-02
116	0.49539590E-02	0.10109670E-02
117	0.50521651E-02	0.94846531E-03
118	0.51427414E-02	0.85864204E-03
119	0.52230381E-02	0.74316061E-03
120	0.52905786E-02	0.60382445E-03
121	0.53430726E-02	0.44257700E-03
122	0.53784330E-02	0.26150161E-03
123	0.53947861E-02	0.62821629E-04
124	0.53904890E-02	-0.15109968E-03
125	0.53641414E-02	-0.37775908E-03
126	0.53146007E-02	-0.61451335E-03
127	0.52409954E-02	-0.85857935E-03
128	0.51427386E-02	-0.11070340E-02
129	0.50195442E-02	-0.13568143E-02
130	0.48714383E-02	-0.16047170E-02
131	0.46987748E-02	-0.18473994E-02
132	0.45022485E-02	-0.20813784E-02
133	0.42829099E-02	-0.23030313E-02
134	0.40421789E-02	-0.25085951E-02
135	0.37818574E-02	-0.26941670E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.35041464E-02	-0.28557042E-02
137	0.32116571E-02	-0.29890242E-02
138	0.29074263E-02	-0.30898040E-02
139	0.25949299E-02	-0.31535812E-02
140	0.22780970E-02	-0.31757532E-02
141	0.19613241E-02	-0.31515772E-02
142	0.16494890E-02	-0.30761710E-02
143	0.13479650E-02	-0.29445121E-02
144	0.10626339E-02	-0.27514375E-02
145	0.79990138E-03	-0.24916448E-02
146	0.56702568E-03	-0.21502285E-02
147	0.37182550E-03	-0.17497176E-02
148	0.21713416E-03	-0.13476475E-02
149	0.10114597E-03	-0.98007894E-03
150	0.19329673E-04	-0.66617137E-03
151	-0.34097244E-04	-0.41253190E-03
152	-0.65139960E-04	-0.21779012E-03
153	-0.79431622E-04	-0.76339013E-04
154	-0.81924059E-04	0.19623216E-04
155	-0.76733035E-04	0.78803831E-04
156	-0.67103960E-04	0.10976456E-03
157	-0.55462049E-04	0.12026753E-03
158	-0.43511900E-04	0.11692705E-03
159	-0.32360047E-04	0.10508437E-03
160	-0.22641949E-04	0.88834044E-04
161	-0.14641217E-04	0.71144372E-04
162	-0.83939831E-05	0.54027449E-04
163	-0.37753825E-05	0.38720860E-04
164	-0.56860995E-06	0.25850313E-04
165	0.14816625E-05	0.15589238E-04
166	0.26324913E-05	0.78257735E-05
167	0.31211268E-05	0.22915974E-05
168	0.31533680E-05	-0.13658607E-05
169	0.28976963E-05	-0.35310713E-05
170	0.24845358E-05	-0.45748238E-05
171	0.20091197E-05	-0.48269299E-05
172	0.15363590E-05	-0.45627557E-05
173	0.11065357E-05	-0.39995671E-05
174	0.74101428E-06	-0.32993207E-05
175	0.44746614E-06	-0.25752377E-05
176	0.22433356E-06	-0.19001502E-05
177	0.64445224E-07	-0.13147890E-05
178	-0.42165830E-07	-0.83567551E-06
179	-0.10624498E-06	-0.46321517E-06
180	-0.13807809E-06	-0.18883175E-06
181	-0.14683988E-06	0.69497280E-09

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.14025515E-06	0.12074005E-06
183	-0.12449151E-06	0.18679630E-06
184	-0.10421929E-06	0.21315073E-06
185	-0.82773333E-07	0.21214578E-06
186	-0.62365736E-07	0.19387267E-06
187	-0.44313321E-07	0.16616399E-06
188	-0.29255556E-07	0.13477685E-06
189	-0.17348224E-07	0.10368155E-06
190	-0.84256842E-08	0.75393103E-07
191	-0.21308248E-08	0.51268028E-07
192	0.19827258E-08	0.31787081E-07
193	0.43782888E-08	0.16857058E-07
194	0.54917701E-08	0.60560161E-08
195	0.57069647E-08	-0.12208480E-08
196	0.53421991E-08	-0.56597482E-08
197	0.46470450E-08	-0.79377447E-08
198	0.38062762E-08	-0.86669587E-08
199	0.29480125E-08	-0.83653973E-08
200	0.21537594E-08	-0.74469573E-08
201	0.14687624E-08	-0.62242727E-08
202	0.91164670E-09	-0.49193334E-08
203	0.48277515E-09	-0.36780121E-08
204	0.17109165E-09	-0.25852704E-08
205	-0.40515449E-10	-0.16796244E-08
206	-0.17127699E-09	-0.96729125E-09
207	-0.24000091E-09	-0.43577397E-09
208	-0.26371749E-09	-0.62828000E-10
209	-0.25694613E-09	0.17872911E-09
210	-0.23141472E-09	0.31699468E-09
211	-0.19611177E-09	0.37832301E-09
212	-0.15754564E-09	0.38578571E-09
213	-0.12011397E-09	0.35846809E-09
214	-0.86511902E-10	0.31135428E-09
215	-0.58131298E-10	0.25559502E-09
216	-0.35420885E-10	0.19899619E-09
217	-0.18191757E-10	0.14660644E-09
218	-0.58638619E-11	0.10128871E-09
219	0.23416345E-11	0.64240474E-10
220	0.72615121E-11	0.35510622E-10
221	0.96996352E-11	0.14457063E-10
222	0.10374158E-10	0.40493989E-13
223	0.98879654E-11	-0.89691414E-11
224	0.87191738E-11	-0.13813454E-10
225	0.72261116E-11	-0.15632653E-10
226	0.56609101E-11	-0.15403838E-10
227	0.41872877E-11	-0.13916711E-10

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.28993958E-11	-0.11774757E-10
229	0.18396881E-11	-0.94122444E-11
230	0.10146184E-11	-0.71195827E-11
231	0.40761434E-12	-0.50716402E-11
232	-0.10732310E-13	-0.33543771E-11
233	-0.27500295E-12	-0.19893696E-11
234	-0.41977844E-12	-0.95952781E-12
235	-0.47683092E-12	-0.22735885E-12
236	-0.47355983E-12	0.25552198E-12
237	-0.43232656E-12	0.54040209E-12
238	-0.37044987E-12	0.67616756E-12
239	-0.30061947E-12	0.70614033E-12
240	-0.23154108E-12	0.66653497E-12
241	-0.16867448E-12	0.58606966E-12
242	-0.11496922E-12	0.48634236E-12
243	-0.71537835E-13	0.38266016E-12
244	-0.38233519E-13	0.28508793E-12
245	-0.14119200E-13	0.19954721E-12
246	0.21694134E-14	0.12881123E-12
247	0.12153696E-13	0.73394781E-13
248	0.17327612E-13	0.32355642E-13
249	0.19043854E-13	0.38873480E-14
250	0.18449819E-13	-0.14238842E-13
251	0.16464237E-13	-0.24320461E-13
252	0.13782565E-13	-0.28496933E-13
253	0.10899907E-13	-0.28621704E-13
254	0.81428657E-14	-0.26207249E-13
255	0.57042011E-14	-0.22420486E-13
256	0.36762259E-14	-0.18109983E-13
257	0.20805005E-14	-0.13850598E-13
258	0.89264250E-15	-0.99951319E-14
259	0.61942507E-16	-0.67256131E-14
260	-0.47390122E-15	-0.40987268E-14
261	-0.77844302E-15	-0.20910450E-14
262	-0.91049827E-15	-0.63500302E-15
263	-0.92079501E-15	0.36049778E-15
264	-0.85045655E-15	0.99426241E-15
265	-0.73081532E-15	0.13618431E-14
266	-0.58411779E-15	0.15485281E-14
267	-0.42477662E-15	0.16252057E-14
268	-0.26093205E-15	0.16462219E-14
269	-0.96155703E-16	0.16485341E-14

STEP DI CARICO NO. 14

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048760E-03	-0.34787336E-04
2	0.14701353E-03	-0.34647437E-04
3	0.14357505E-03	-0.33999619E-04
4	0.14024392E-03	-0.32442109E-04
5	0.13712392E-03	-0.29765515E-04
6	0.13432979E-03	-0.25919870E-04
7	0.13198006E-03	-0.20870755E-04
8	0.13019730E-03	-0.14571882E-04
9	0.12910928E-03	-0.69653101E-05
10	0.12885012E-03	0.20178538E-05
11	0.12956155E-03	0.12461824E-04
12	0.13139508E-03	0.24483450E-04
13	0.13451632E-03	0.38247490E-04
14	0.13910992E-03	0.53971686E-04
15	0.14538513E-03	0.71930328E-04
16	0.15358152E-03	0.92455273E-04
17	0.16390257E-03	0.11377181E-03
18	0.17630467E-03	0.13415181E-03
19	0.19071717E-03	0.15405881E-03
20	0.20711643E-03	0.17396585E-03
21	0.22552545E-03	0.19432644E-03
22	0.24600970E-03	0.21552647E-03
23	0.26866706E-03	0.23781606E-03
24	0.29361347E-03	0.26132271E-03
25	0.32097555E-03	0.28614802E-03
26	0.35089109E-03	0.31241321E-03
27	0.38351087E-03	0.34025856E-03
28	0.41900095E-03	0.36984874E-03
29	0.45754528E-03	0.40137817E-03
30	0.49934984E-03	0.43510599E-03
31	0.54465228E-03	0.47140836E-03
32	0.59373421E-03	0.51079044E-03
33	0.64693374E-03	0.55387401E-03
34	0.70465641E-03	0.60138036E-03
35	0.76738384E-03	0.65410713E-03
36	0.83568000E-03	0.71289774E-03
37	0.91019430E-03	0.77861489E-03
38	0.99166459E-03	0.85218274E-03
39	0.10809271E-02	0.93463867E-03
40	0.11789270E-02	0.10271338E-02
41	0.12867306E-02	0.11309338E-02
42	0.14047800E-02	0.12247184E-02
43	0.15306337E-02	0.12872829E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16612496E-02	0.13202385E-02
45	0.17937521E-02	0.13253137E-02
46	0.19254446E-02	0.13043570E-02
47	0.20538215E-02	0.12593390E-02
48	0.21765800E-02	0.11923537E-02
49	0.22916337E-02	0.11056198E-02
50	0.23971240E-02	0.10014822E-02
51	0.24914325E-02	0.88241248E-03
52	0.25731954E-02	0.75100933E-03
53	0.26413142E-02	0.60999871E-03
54	0.26949700E-02	0.46223449E-03
55	0.27336355E-02	0.31070047E-03
56	0.27570883E-02	0.15851013E-03
57	0.27654236E-02	0.89024343E-05
58	0.27590666E-02	-0.13476345E-03
59	0.27387848E-02	-0.26900991E-03
60	0.27056984E-02	-0.39024552E-03
61	0.26612924E-02	-0.49477816E-03
62	0.26074259E-02	-0.57882071E-03
63	0.25463414E-02	-0.63846982E-03
64	0.24806797E-02	-0.66968764E-03
65	0.24134906E-02	-0.66830334E-03
66	0.23482488E-02	-0.63001685E-03
67	0.22878677E-02	-0.58031944E-03
68	0.22317197E-02	-0.54458319E-03
69	0.21786408E-02	-0.51815249E-03
70	0.21279375E-02	-0.49627409E-03
71	0.20793953E-02	-0.47411659E-03
72	0.20332090E-02	-0.44911617E-03
73	0.19896713E-02	-0.42114148E-03
74	0.19490798E-02	-0.39019252E-03
75	0.19117319E-02	-0.35626930E-03
76	0.18779252E-02	-0.31936681E-03
77	0.18479585E-02	-0.27946377E-03
78	0.18221342E-02	-0.23650634E-03
79	0.18007625E-02	-0.19039269E-03
80	0.17841662E-02	-0.14096352E-03
81	0.17726878E-02	-0.87993256E-04
82	0.17666955E-02	-0.31183503E-04
83	0.17665916E-02	0.29839026E-04
84	0.17728186E-02	0.95517455E-04
85	0.17858688E-02	0.16640795E-03
86	0.18062980E-02	0.24323462E-03
87	0.18347428E-02	0.32687641E-03
88	0.18719331E-02	0.41831186E-03
89	0.19186980E-02	0.51853014E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.19759608E-02	0.62839879E-03
91	0.20447182E-02	0.74848015E-03
92	0.21258227E-02	0.87353727E-03
93	0.22194108E-02	0.99815463E-03
94	0.23254389E-02	0.11223323E-02
95	0.24438628E-02	0.12460704E-02
96	0.25746385E-02	0.13693686E-02
97	0.27177217E-02	0.14922272E-02
98	0.28730691E-02	0.16146461E-02
99	0.30406364E-02	0.17366253E-02
100	0.32203796E-02	0.18581648E-02
101	0.34122546E-02	0.19792647E-02
102	0.36162178E-02	0.20999247E-02
103	0.38322250E-02	0.22201450E-02
104	0.40602321E-02	0.23399258E-02
105	0.43001953E-02	0.24592667E-02
106	0.45520710E-02	0.25781679E-02
107	0.48158155E-02	0.26966566E-02
108	0.50913924E-02	0.28148564E-02
109	0.53787860E-02	0.29330314E-02
110	0.56780116E-02	0.30515855E-02
111	0.59891338E-02	0.31710626E-02
112	0.63122776E-02	0.32921461E-02
113	0.66476441E-02	0.34156605E-02
114	0.69955229E-02	0.35425688E-02
115	0.73563075E-02	0.36739747E-02
116	0.77305092E-02	0.38111224E-02
117	0.81179459E-02	0.39306935E-02
118	0.85152891E-02	0.40095109E-02
119	0.89185452E-02	0.40492378E-02
120	0.93238940E-02	0.40516779E-02
121	0.97277025E-02	0.40187743E-02
122	0.10126540E-01	0.39526103E-02
123	0.10517190E-01	0.38554096E-02
124	0.10896666E-01	0.37295353E-02
125	0.11262225E-01	0.35774903E-02
126	0.11611381E-01	0.34019183E-02
127	0.11941917E-01	0.32056023E-02
128	0.12251907E-01	0.29914654E-02
129	0.12539718E-01	0.27625707E-02
130	0.12804036E-01	0.25221210E-02
131	0.13043869E-01	0.22734595E-02
132	0.13258570E-01	0.20200692E-02
133	0.13447845E-01	0.17655726E-02
134	0.13611773E-01	0.15137331E-02
135	0.13750811E-01	0.12684531E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.13865817E-01	0.10337755E-02
137	0.13958059E-01	0.81388303E-03
138	0.14029231E-01	0.61309838E-03
139	0.14081464E-01	0.43588417E-03
140	0.14117346E-01	0.28684302E-03
141	0.14139930E-01	0.17071744E-03
142	0.14151058E-01	0.41645781E-04
143	0.14146304E-01	-0.14609371E-03
144	0.14120056E-01	-0.38733860E-03
145	0.14067229E-01	-0.67678653E-03
146	0.13983274E-01	-0.10089951E-02
147	0.13864191E-01	-0.13783821E-02
148	0.13706548E-01	-0.17792252E-02
149	0.13507493E-01	-0.22056622E-02
150	0.13264763E-01	-0.26516912E-02
151	0.12976706E-01	-0.31111694E-02
152	0.12642290E-01	-0.35778156E-02
153	0.12261118E-01	-0.40452071E-02
154	0.11833442E-01	-0.45067822E-02
155	0.11360179E-01	-0.49558389E-02
156	0.10842920E-01	-0.53855348E-02
157	0.10283950E-01	-0.57888892E-02
158	0.96862577E-02	-0.61587794E-02
159	0.90535516E-02	-0.64879437E-02
160	0.83902739E-02	-0.67689801E-02
161	0.77016116E-02	-0.69943490E-02
162	0.69935154E-02	-0.71563679E-02
163	0.62727104E-02	-0.72472109E-02
164	0.55467114E-02	-0.72589088E-02
165	0.48238370E-02	-0.71833530E-02
166	0.41132243E-02	-0.70122932E-02
167	0.34248414E-02	-0.67373402E-02
168	0.27695035E-02	-0.63499645E-02
169	0.21588854E-02	-0.58414880E-02
170	0.16055369E-02	-0.52030841E-02
171	0.11228983E-02	-0.44257832E-02
172	0.72325807E-03	-0.35621470E-02
173	0.41005126E-03	-0.27110414E-02
174	0.17834725E-03	-0.19410119E-02
175	0.17866381E-04	-0.12904572E-02
176	-0.84138133E-04	-0.77172084E-03
177	-0.14071744E-03	-0.38017429E-03
178	-0.16395334E-03	-0.10203836E-03
179	-0.16429626E-03	0.80963509E-04
180	-0.15027549E-03	0.18852013E-03
181	-0.12847816E-03	0.23949886E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.10370436E-03	0.25061812E-03
183	-0.79219019E-04	0.23580286E-03
184	-0.57042598E-04	0.20602334E-03
185	-0.38240774E-04	0.16945119E-03
186	-0.23188317E-04	0.13180033E-03
187	-0.11793879E-04	0.96754309E-04
188	-0.36807178E-05	0.66410430E-04
189	0.16752169E-05	0.41676838E-04
190	0.48437746E-05	0.22616980E-04
191	0.63723651E-05	0.87696908E-05
192	0.67468131E-05	-0.60458353E-06
193	0.63719945E-05	-0.63624743E-05
194	0.55663145E-05	-0.93604767E-05
195	0.45659162E-05	-0.10377965E-04
196	0.35346902E-05	-0.10076391E-04
197	0.25769796E-05	-0.89845689E-05
198	0.17508193E-05	-0.75014632E-05
199	0.10803128E-05	-0.59095837E-05
200	0.56636816E-06	-0.43937339E-05
201	0.19544912E-06	-0.30613919E-05
202	-0.53672181E-07	-0.19619081E-05
203	-0.20498277E-06	-0.11039320E-05
204	-0.28196513E-06	-0.47115230E-06
205	-0.30573679E-06	-0.34079505E-07
206	-0.29412939E-06	0.24254223E-06
207	-0.26137735E-06	0.39469404E-06
208	-0.21822899E-06	0.45569377E-06
209	-0.17231818E-06	0.45430588E-06
210	-0.12866667E-06	0.41395268E-06
211	-0.90224809E-07	0.35268462E-06
212	-0.58389350E-07	0.28362834E-06
213	-0.33461692E-07	0.21569561E-06
214	-0.15029194E-07	0.15439387E-06
215	-0.22649955E-08	0.10262978E-06
216	0.58472160E-08	0.61379318E-07
217	0.10350008E-07	0.30303077E-07
218	0.12210605E-07	0.83100362E-08
219	0.12265673E-07	-0.60732757E-08
220	0.11196334E-07	-0.14445067E-07
221	0.95259844E-08	-0.18337111E-07
222	0.76331421E-08	-0.19102227E-07
223	0.57724310E-08	-0.17860593E-07
224	0.40987449E-08	-0.15487327E-07
225	0.26912073E-08	-0.12626806E-07
226	0.15748512E-08	-0.97222559E-08
227	0.73894185E-09	-0.70521344E-08

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.15157647E-09	-0.47674491E-08
229	-0.22927937E-09	-0.29247071E-08
230	-0.44788998E-09	-0.15177161E-08
231	-0.54596883E-09	-0.50511278E-09
232	-0.56007099E-09	0.17273689E-09
233	-0.52036825E-09	0.58218380E-09
234	-0.45042078E-09	0.78803442E-09
235	-0.36760703E-09	0.84851409E-09
236	-0.28392827E-09	0.81268386E-09
237	-0.20697812E-09	0.71961803E-09
238	-0.14093121E-09	0.59875632E-09
239	-0.87457951E-10	0.47096188E-09
240	-0.46513425E-10	0.34992970E-09
241	-0.16978858E-10	0.24369207E-09
242	0.28448006E-11	0.15604873E-09
243	0.14875445E-10	0.87742064E-10
244	0.20995749E-10	0.37511452E-10
245	0.22901507E-10	0.29939766E-11
246	0.22022750E-10	-0.18677327E-10
247	0.19496469E-10	-0.30435789E-10
248	0.16175665E-10	-0.34992061E-10
249	0.12660503E-10	-0.34674940E-10
250	0.93403740E-11	-0.31366895E-10
251	0.64389479E-11	-0.26504136E-10
252	0.40570364E-11	-0.21116697E-10
253	0.22102600E-11	-0.15889710E-10
254	0.86011081E-12	-0.11232234E-10
255	-0.61848631E-13	-0.73446128E-11
256	-0.63620485E-12	-0.42787852E-11
257	-0.94357053E-12	-0.19919030E-11
258	-0.10573730E-11	-0.38864848E-12
259	-0.10400858E-11	0.65103999E-12
260	-0.94175644E-12	0.12529864E-11
261	-0.80011735E-12	0.15360649E-11
262	-0.64168999E-12	0.16047481E-11
263	-0.48343187E-12	0.15455082E-11
264	-0.33460328E-12	0.14258208E-11
265	-0.19864739E-12	0.12947425E-11
266	-0.74968603E-13	0.11842490E-11
267	0.39435350E-13	0.11107434E-11
268	0.14847277E-12	0.10760186E-11
269	0.25551848E-12	0.10676764E-11

STEP DI CARICO NO. 15

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048760E-03	-0.34787336E-04
2	0.14701353E-03	-0.34647437E-04
3	0.14357505E-03	-0.33999622E-04
4	0.14024392E-03	-0.32442109E-04
5	0.13712392E-03	-0.29765517E-04
6	0.13432979E-03	-0.25919871E-04
7	0.13198006E-03	-0.20870757E-04
8	0.13019730E-03	-0.14571884E-04
9	0.12910928E-03	-0.69653115E-05
10	0.12885012E-03	0.20178529E-05
11	0.12956154E-03	0.12461823E-04
12	0.13139508E-03	0.24483452E-04
13	0.13451632E-03	0.38247494E-04
14	0.13910992E-03	0.53971689E-04
15	0.14538513E-03	0.71930328E-04
16	0.15358152E-03	0.92455273E-04
17	0.16390257E-03	0.11377182E-03
18	0.17630467E-03	0.13415182E-03
19	0.19071717E-03	0.15405883E-03
20	0.20711643E-03	0.17396586E-03
21	0.22552547E-03	0.19432647E-03
22	0.24600970E-03	0.21552648E-03
23	0.26866709E-03	0.23781609E-03
24	0.29361350E-03	0.26132274E-03
25	0.32097558E-03	0.28614805E-03
26	0.35089109E-03	0.31241323E-03
27	0.38351089E-03	0.34025862E-03
28	0.41900098E-03	0.36984877E-03
29	0.45754531E-03	0.40137820E-03
30	0.49934990E-03	0.43510599E-03
31	0.54465234E-03	0.47140839E-03
32	0.59373421E-03	0.51079039E-03
33	0.64693380E-03	0.55387395E-03
34	0.70465647E-03	0.60138031E-03
35	0.76738384E-03	0.65410702E-03
36	0.83568000E-03	0.71289757E-03
37	0.91019424E-03	0.77861472E-03
38	0.99166459E-03	0.85218251E-03
39	0.10809270E-02	0.93463837E-03
40	0.11789269E-02	0.10271334E-02
41	0.12867305E-02	0.11309334E-02
42	0.14047797E-02	0.12247179E-02
43	0.15306334E-02	0.12872823E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16612492E-02	0.13202379E-02
45	0.17937517E-02	0.13253131E-02
46	0.19254441E-02	0.13043565E-02
47	0.20538210E-02	0.12593385E-02
48	0.21765796E-02	0.11923533E-02
49	0.22916333E-02	0.11056196E-02
50	0.23971235E-02	0.10014822E-02
51	0.24914320E-02	0.88241283E-03
52	0.25731949E-02	0.75101008E-03
53	0.26413137E-02	0.60999999E-03
54	0.26949698E-02	0.46223635E-03
55	0.27336355E-02	0.31070309E-03
56	0.27570885E-02	0.15851363E-03
57	0.27654243E-02	0.89069536E-05
58	0.27590680E-02	-0.13475781E-03
59	0.27387866E-02	-0.26900307E-03
60	0.27057009E-02	-0.39023740E-03
61	0.26612959E-02	-0.49476878E-03
62	0.26074303E-02	-0.57881017E-03
63	0.25463470E-02	-0.63845824E-03
64	0.24806864E-02	-0.66967536E-03
65	0.24134987E-02	-0.66829077E-03
66	0.23482582E-02	-0.63000456E-03
67	0.22878782E-02	-0.58030849E-03
68	0.22317311E-02	-0.54457504E-03
69	0.21786529E-02	-0.51814882E-03
70	0.21279496E-02	-0.49627689E-03
71	0.20794068E-02	-0.47412820E-03
72	0.20332185E-02	-0.44913948E-03
73	0.19896778E-02	-0.42117876E-03
74	0.19490820E-02	-0.39024284E-03
75	0.19117286E-02	-0.35632681E-03
76	0.18779162E-02	-0.31942251E-03
77	0.18479445E-02	-0.27950821E-03
78	0.18221168E-02	-0.23652891E-03
79	0.18007443E-02	-0.19038141E-03
80	0.17841514E-02	-0.14090477E-03
81	0.17726818E-02	-0.87871886E-04
82	0.17667055E-02	-0.30983454E-04
83	0.17666261E-02	0.30133644E-04
84	0.17728880E-02	0.95920492E-04
85	0.17859843E-02	0.16692853E-03
86	0.18064716E-02	0.24387345E-03
87	0.18349857E-02	0.32762100E-03
88	0.18722545E-02	0.41913081E-03
89	0.19191027E-02	0.51936629E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.19764465E-02	0.62916195E-03
91	0.20452712E-02	0.74903964E-03
92	0.21264183E-02	0.87383273E-03
93	0.22200241E-02	0.99821819E-03
94	0.23260482E-02	0.11221962E-02
95	0.24444498E-02	0.12457668E-02
96	0.25751879E-02	0.13689297E-02
97	0.27182221E-02	0.14916852E-02
98	0.28735115E-02	0.16140331E-02
99	0.30410152E-02	0.17359735E-02
100	0.32206925E-02	0.18575065E-02
101	0.34125028E-02	0.19786318E-02
102	0.36164054E-02	0.20993496E-02
103	0.38323589E-02	0.22196514E-02
104	0.40603215E-02	0.23395226E-02
105	0.43002488E-02	0.24589526E-02
106	0.45520971E-02	0.25779356E-02
107	0.48158215E-02	0.26964943E-02
108	0.50913859E-02	0.28147518E-02
109	0.53787706E-02	0.29329718E-02
110	0.56779925E-02	0.30515590E-02
111	0.59891129E-02	0.31710588E-02
112	0.63122576E-02	0.32921571E-02
113	0.66476255E-02	0.34156791E-02
114	0.69955061E-02	0.35425907E-02
115	0.73562930E-02	0.36739968E-02
116	0.77304970E-02	0.38111426E-02
117	0.81179356E-02	0.39307121E-02
118	0.85152807E-02	0.40095272E-02
119	0.89185387E-02	0.40492523E-02
120	0.93238885E-02	0.40516905E-02
121	0.97276988E-02	0.40187850E-02
122	0.10126537E-01	0.39526196E-02
123	0.10517187E-01	0.38554175E-02
124	0.10896664E-01	0.37295418E-02
125	0.11262224E-01	0.35774957E-02
126	0.11611380E-01	0.34019225E-02
127	0.11941916E-01	0.32056055E-02
128	0.12251906E-01	0.29914677E-02
129	0.12539718E-01	0.27625721E-02
130	0.12804036E-01	0.25221219E-02
131	0.13043869E-01	0.22734599E-02
132	0.13258570E-01	0.20200692E-02
133	0.13447846E-01	0.17655723E-02
134	0.13611773E-01	0.15137325E-02
135	0.13750811E-01	0.12684524E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.13865817E-01	0.10337748E-02
137	0.13958059E-01	0.81388233E-03
138	0.14029230E-01	0.61309774E-03
139	0.14081464E-01	0.43588373E-03
140	0.14117346E-01	0.28684281E-03
141	0.14139930E-01	0.17071761E-03
142	0.14151058E-01	0.41646443E-04
143	0.14146304E-01	-0.14609240E-03
144	0.14120056E-01	-0.38733648E-03
145	0.14067230E-01	-0.67678338E-03
146	0.13983274E-01	-0.10089909E-02
147	0.13864192E-01	-0.13783766E-02
148	0.13706550E-01	-0.17792186E-02
149	0.13507496E-01	-0.22056545E-02
150	0.13264766E-01	-0.26516824E-02
151	0.12976711E-01	-0.31111606E-02
152	0.12642295E-01	-0.35778068E-02
153	0.12261124E-01	-0.40451987E-02
154	0.11833450E-01	-0.45067747E-02
155	0.11360186E-01	-0.49558328E-02
156	0.10842929E-01	-0.53855311E-02
157	0.10283958E-01	-0.57888874E-02
158	0.96862661E-02	-0.61587798E-02
159	0.90535600E-02	-0.64879474E-02
160	0.83902813E-02	-0.67689880E-02
161	0.77016181E-02	-0.69943592E-02
162	0.69935210E-02	-0.71563791E-02
163	0.62727146E-02	-0.72472217E-02
164	0.55467146E-02	-0.72589191E-02
165	0.48238393E-02	-0.71833618E-02
166	0.41132257E-02	-0.70123002E-02
167	0.34248424E-02	-0.67373458E-02
168	0.27695040E-02	-0.63499687E-02
169	0.21588854E-02	-0.58414908E-02
170	0.16055368E-02	-0.52030860E-02
171	0.11228982E-02	-0.44257841E-02
172	0.72325784E-03	-0.35621475E-02
173	0.41005100E-03	-0.27110414E-02
174	0.17834702E-03	-0.19410116E-02
175	0.17866174E-04	-0.12904569E-02
176	-0.84138301E-04	-0.77172043E-03
177	-0.14071757E-03	-0.38017391E-03
178	-0.16395343E-03	-0.10203802E-03
179	-0.16429632E-03	0.80963793E-04
180	-0.15027552E-03	0.18852035E-03
181	-0.12847818E-03	0.23949900E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	-0.10370436E-03	0.25061824E-03
183	-0.79219011E-04	0.23580292E-03
184	-0.57042587E-04	0.20602337E-03
185	-0.38240763E-04	0.16945119E-03
186	-0.23188306E-04	0.13180033E-03
187	-0.11793869E-04	0.96754295E-04
188	-0.36807094E-05	0.66410415E-04
189	0.16752236E-05	0.41676820E-04
190	0.48437796E-05	0.22616963E-04
191	0.63723687E-05	0.87696772E-05
192	0.67468154E-05	-0.60459473E-06
193	0.63719958E-05	-0.63624830E-05
194	0.55663149E-05	-0.93604831E-05
195	0.45659162E-05	-0.10377968E-04
196	0.35346900E-05	-0.10076393E-04
197	0.25769793E-05	-0.89845698E-05
198	0.17508188E-05	-0.75014632E-05
199	0.10803124E-05	-0.59095833E-05
200	0.56636776E-06	-0.43937334E-05
201	0.19544878E-06	-0.30613912E-05
202	-0.53672448E-07	-0.19619074E-05
203	-0.20498297E-06	-0.11039314E-05
204	-0.28196527E-06	-0.47115174E-06
205	-0.30573688E-06	-0.34079061E-07
206	-0.29412945E-06	0.24254257E-06
207	-0.26137735E-06	0.39469427E-06
208	-0.21822899E-06	0.45569391E-06
209	-0.17231817E-06	0.45430593E-06
210	-0.12866664E-06	0.41395271E-06
211	-0.90224788E-07	0.35268462E-06
212	-0.58389329E-07	0.28362831E-06
213	-0.33461674E-07	0.21569558E-06
214	-0.15029180E-07	0.15439385E-06
215	-0.22649851E-08	0.10262974E-06
216	0.58472236E-08	0.61379289E-07
217	0.10350013E-07	0.30303053E-07
218	0.12210608E-07	0.83100185E-08
219	0.12265675E-07	-0.60732885E-08
220	0.11196334E-07	-0.14445076E-07
221	0.95259844E-08	-0.18337117E-07
222	0.76331412E-08	-0.19102229E-07
223	0.57724301E-08	-0.17860593E-07
224	0.40987440E-08	-0.15487327E-07
225	0.26912066E-08	-0.12626805E-07
226	0.15748505E-08	-0.97222541E-08
227	0.73894130E-09	-0.70521331E-08

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	0.15157607E-09	-0.47674478E-08
229	-0.22927966E-09	-0.29247060E-08
230	-0.44789017E-09	-0.15177152E-08
231	-0.54596894E-09	-0.50511206E-09
232	-0.56007105E-09	0.17273738E-09
233	-0.52036825E-09	0.58218408E-09
234	-0.45042076E-09	0.78803464E-09
235	-0.36760700E-09	0.84851420E-09
236	-0.28392824E-09	0.81268392E-09
237	-0.20697809E-09	0.71961803E-09
238	-0.14093117E-09	0.59875627E-09
239	-0.87457923E-10	0.47096177E-09
240	-0.46513401E-10	0.34992964E-09
241	-0.16978842E-10	0.24369201E-09
242	0.28448114E-11	0.15604869E-09
243	0.14875452E-10	0.87742029E-10
244	0.20995752E-10	0.37511425E-10
245	0.22901507E-10	0.29939582E-11
246	0.22022750E-10	-0.18677339E-10
247	0.19496469E-10	-0.30435796E-10
248	0.16175663E-10	-0.34992065E-10
249	0.12660501E-10	-0.34674940E-10
250	0.93403722E-11	-0.31366895E-10
251	0.64389466E-11	-0.26504132E-10
252	0.40570355E-11	-0.21116695E-10
253	0.22102591E-11	-0.15889706E-10
254	0.86011021E-12	-0.11232231E-10
255	-0.61848984E-13	-0.73446110E-11
256	-0.63620506E-12	-0.42787835E-11
257	-0.94357053E-12	-0.19919019E-11
258	-0.10573729E-11	-0.38864764E-12
259	-0.10400856E-11	0.65104047E-12
260	-0.94175633E-12	0.12529866E-11
261	-0.80011719E-12	0.15360648E-11
262	-0.64168983E-12	0.16047479E-11
263	-0.48343171E-12	0.15455078E-11
264	-0.33460317E-12	0.14258203E-11
265	-0.19864735E-12	0.12947420E-11
266	-0.74968630E-13	0.11842484E-11
267	0.39435272E-13	0.11107429E-11
268	0.14847265E-12	0.10760181E-11
269	0.25551832E-12	0.10676759E-11

STEP DI CARICO NO. 16

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.15048760E-03	-0.34787343E-04
2	0.14701352E-03	-0.34647444E-04
3	0.14357503E-03	-0.33999630E-04
4	0.14024392E-03	-0.32442116E-04
5	0.13712392E-03	-0.29765522E-04
6	0.13432979E-03	-0.25919875E-04
7	0.13198005E-03	-0.20870759E-04
8	0.13019730E-03	-0.14571882E-04
9	0.12910928E-03	-0.69653051E-05
10	0.12885012E-03	0.20178654E-05
11	0.12956154E-03	0.12461844E-04
12	0.13139508E-03	0.24483481E-04
13	0.13451632E-03	0.38247534E-04
14	0.13910992E-03	0.53971744E-04
15	0.14538514E-03	0.71930401E-04
16	0.15358154E-03	0.92455361E-04
17	0.16390260E-03	0.11377192E-03
18	0.17630470E-03	0.13415194E-03
19	0.19071723E-03	0.15405896E-03
20	0.20711651E-03	0.17396601E-03
21	0.22552554E-03	0.19432663E-03
22	0.24600982E-03	0.21552666E-03
23	0.26866721E-03	0.23781625E-03
24	0.29361362E-03	0.26132289E-03
25	0.32097573E-03	0.28614819E-03
26	0.35089126E-03	0.31241332E-03
27	0.38351107E-03	0.34025864E-03
28	0.41900115E-03	0.36984874E-03
29	0.45754545E-03	0.40137803E-03
30	0.49935002E-03	0.43510570E-03
31	0.54465240E-03	0.47140790E-03
32	0.59373426E-03	0.51078969E-03
33	0.64693374E-03	0.55387302E-03
34	0.70465630E-03	0.60137908E-03
35	0.76738355E-03	0.65410545E-03
36	0.83567953E-03	0.71289565E-03
37	0.91019360E-03	0.77861239E-03
38	0.99166366E-03	0.85217977E-03
39	0.10809258E-02	0.93463529E-03
40	0.11789254E-02	0.10271301E-02
41	0.12867287E-02	0.11309297E-02
42	0.14047775E-02	0.12247141E-02
43	0.15306309E-02	0.12872787E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.16612463E-02	0.13202347E-02
45	0.17937485E-02	0.13253108E-02
46	0.19254407E-02	0.13043553E-02
47	0.20538175E-02	0.12593392E-02
48	0.21765763E-02	0.11923563E-02
49	0.22916305E-02	0.11056258E-02
50	0.23971214E-02	0.10014923E-02
51	0.24914313E-02	0.88242744E-03
52	0.25731958E-02	0.75103022E-03
53	0.26413170E-02	0.61002653E-03
54	0.26949761E-02	0.46227008E-03
55	0.27336455E-02	0.31074471E-03
56	0.27571029E-02	0.15856363E-03
57	0.27654443E-02	0.89655441E-05
58	0.27590941E-02	-0.13469082E-03
59	0.27388199E-02	-0.26892844E-03
60	0.27057421E-02	-0.39015661E-03
61	0.26613453E-02	-0.49468421E-03
62	0.26074883E-02	-0.57872513E-03
63	0.25464133E-02	-0.63837756E-03
64	0.24807602E-02	-0.66960516E-03
65	0.24135788E-02	-0.66823896E-03
66	0.23483422E-02	-0.62998076E-03
67	0.22879625E-02	-0.58032625E-03
68	0.22318109E-02	-0.54465159E-03
69	0.21787214E-02	-0.51830348E-03
70	0.21279978E-02	-0.49653073E-03
71	0.20794235E-02	-0.47450355E-03
72	0.20331908E-02	-0.44966015E-03
73	0.19895900E-02	-0.42186701E-03
74	0.19489161E-02	-0.39111421E-03
75	0.19114662E-02	-0.35738491E-03
76	0.18775393E-02	-0.32065145E-03
77	0.18474378E-02	-0.28086297E-03
78	0.18214717E-02	-0.23792422E-03
79	0.17999632E-02	-0.19167956E-03
80	0.17832535E-02	-0.14190313E-03
81	0.17717103E-02	-0.88291366E-04
82	0.17657359E-02	-0.30459807E-04
83	0.17657744E-02	0.32053049E-04
84	0.17723200E-02	0.99771227E-04
85	0.17859228E-02	0.17331081E-03
86	0.18072011E-02	0.25341616E-03
87	0.18368526E-02	0.34092262E-03
88	0.18756603E-02	0.43667157E-03
89	0.19244859E-02	0.54138631E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.19842510E-02	0.65550115E-03
91	0.20559034E-02	0.77913638E-03
92	0.21402168E-02	0.90693129E-03
93	0.22372496E-02	0.10335251E-02
94	0.23468819E-02	0.11589178E-02
95	0.24689932E-02	0.12831093E-02
96	0.26034636E-02	0.14060996E-02
97	0.27501730E-02	0.15278889E-02
98	0.29090014E-02	0.16484770E-02
99	0.30798286E-02	0.17678641E-02
100	0.32625343E-02	0.18860499E-02
101	0.34569984E-02	0.20030346E-02
102	0.36631012E-02	0.21188266E-02
103	0.38807252E-02	0.22334659E-02
104	0.41097589E-02	0.23470421E-02
105	0.43501030E-02	0.24597005E-02
106	0.46016756E-02	0.25716473E-02
107	0.48644189E-02	0.26831795E-02
108	0.51383129E-02	0.27947531E-02
109	0.54233931E-02	0.29070328E-02
110	0.57197777E-02	0.30210700E-02
111	0.60277185E-02	0.31384598E-02
112	0.63476521E-02	0.32613107E-02
113	0.66802483E-02	0.33921825E-02
114	0.70264526E-02	0.35339771E-02
115	0.73875100E-02	0.36897706E-02
116	0.77649732E-02	0.38625663E-02
117	0.81598489E-02	0.40301294E-02
118	0.85700620E-02	0.41695735E-02
119	0.89928815E-02	0.42825625E-02
120	0.94257528E-02	0.43708994E-02
121	0.98663047E-02	0.44365283E-02
122	0.10312371E-01	0.44815317E-02
123	0.10761998E-01	0.45081335E-02
124	0.11213463E-01	0.45186966E-02
125	0.11665286E-01	0.45157243E-02
126	0.12116245E-01	0.45018601E-02
127	0.12565387E-01	0.44798874E-02
128	0.13012050E-01	0.44527287E-02
129	0.13455863E-01	0.44234470E-02
130	0.13896775E-01	0.43952456E-02
131	0.14335060E-01	0.43714675E-02
132	0.14771332E-01	0.43555959E-02
133	0.15206562E-01	0.43512532E-02
134	0.15642092E-01	0.43622022E-02
135	0.16079644E-01	0.43923464E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.16521337E-01	0.44457279E-02
137	0.16969703E-01	0.45265295E-02
138	0.17427700E-01	0.46390742E-02
139	0.17898723E-01	0.47878246E-02
140	0.18386625E-01	0.49773832E-02
141	0.18895719E-01	0.52124923E-02
142	0.19428452E-01	0.54274746E-02
143	0.19978359E-01	0.55567930E-02
144	0.20537129E-01	0.56056092E-02
145	0.21096975E-01	0.55792257E-02
146	0.21650648E-01	0.54830853E-02
147	0.22191452E-01	0.53227702E-02
148	0.22713253E-01	0.51040025E-02
149	0.23210499E-01	0.48326445E-02
150	0.23678230E-01	0.45146979E-02
151	0.24112090E-01	0.41563059E-02
152	0.24508351E-01	0.37637493E-02
153	0.24863916E-01	0.33434508E-02
154	0.25176335E-01	0.29019725E-02
155	0.25443828E-01	0.24460161E-02
156	0.25665285E-01	0.19824235E-02
157	0.25840290E-01	0.15181768E-02
158	0.25969135E-01	0.10603976E-02
159	0.26052827E-01	0.61634771E-03
160	0.26093109E-01	0.19342896E-03
161	0.26092470E-01	-0.20081700E-03
162	0.26054157E-01	-0.55870850E-03
163	0.25982201E-01	-0.87242399E-03
164	0.25881412E-01	-0.11340019E-02
165	0.25757408E-01	-0.13353406E-02
166	0.25616625E-01	-0.14681987E-02
167	0.25463343E-01	-0.16137923E-02
168	0.25290741E-01	-0.18531973E-02
169	0.25089866E-01	-0.21777526E-02
170	0.24852645E-01	-0.25786569E-02
171	0.24571888E-01	-0.30469687E-02
172	0.24241306E-01	-0.35736070E-02
173	0.23855530E-01	-0.41493503E-02
174	0.23410112E-01	-0.47648381E-02
175	0.22901554E-01	-0.54105688E-02
176	0.22327311E-01	-0.60769012E-02
177	0.21685813E-01	-0.67540547E-02
178	0.20976471E-01	-0.74321078E-02
179	0.20199696E-01	-0.81010005E-02
180	0.19356916E-01	-0.87505309E-02
181	0.18450581E-01	-0.93703587E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.17484182E-01	-0.99500036E-02
183	0.16462274E-01	-0.10478844E-01
184	0.15390467E-01	-0.10946119E-01
185	0.14275465E-01	-0.11340929E-01
186	0.13125065E-01	-0.11652232E-01
187	0.11948175E-01	-0.11868848E-01
188	0.10754828E-01	-0.11979449E-01
189	0.95562004E-02	-0.11972568E-01
190	0.83646178E-02	-0.11836595E-01
191	0.71935765E-02	-0.11559781E-01
192	0.60577532E-02	-0.11130234E-01
193	0.49730223E-02	-0.10535915E-01
194	0.39564692E-02	-0.97646229E-02
195	0.30264081E-02	-0.88040140E-02
196	0.22023933E-02	-0.76416018E-02
197	0.15031059E-02	-0.63286461E-02
198	0.93774020E-03	-0.49834084E-02
199	0.50395902E-03	-0.37121261E-02
200	0.19037767E-03	-0.25889627E-02
201	-0.20199808E-04	-0.16567883E-02
202	-0.14780166E-03	-0.92926389E-03
203	-0.21251691E-03	-0.39566943E-03
204	-0.23256445E-03	-0.30942225E-04
205	-0.22329403E-03	0.19612502E-03
206	-0.19686272E-03	0.31749406E-03
207	-0.16233655E-03	0.36262276E-03
208	-0.12604006E-03	0.35669471E-03
209	-0.92025584E-04	0.31992767E-03
210	-0.62572886E-04	0.26760972E-03
211	-0.38660728E-04	0.21057918E-03
212	-0.20377583E-04	0.15593274E-03
213	-0.72567668E-05	0.10780867E-03
214	0.14669509E-05	0.68168592E-04
215	0.66747011E-05	0.37461006E-04
216	0.92382079E-05	0.15125101E-04
217	0.99407280E-05	0.19394797E-07
218	0.94370353E-05	-0.92378614E-05
219	0.82415709E-05	-0.14042663E-04
220	0.67344658E-05	-0.15668569E-04
221	0.51778579E-05	-0.15194433E-04
222	0.37369762E-05	-0.13478386E-04
223	0.25021716E-05	-0.11162618E-04
224	0.15094621E-05	-0.86965665E-05
225	0.75823573E-06	-0.63691946E-05
226	0.22555624E-06	-0.43438304E-05
227	-0.12301894E-06	-0.26931239E-05

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.32590651E-06	-0.14275572E-05
229	-0.42036251E-06	-0.51695417E-06
230	-0.43939318E-06	0.90774584E-07
231	-0.41029389E-06	0.45591395E-06
232	-0.35431088E-06	0.63803856E-06
233	-0.28699975E-06	0.69075588E-06
234	-0.21897456E-06	0.65902742E-06
235	-0.15682673E-06	0.57832557E-06
236	-0.10406372E-06	0.47499560E-06
237	-0.61972251E-07	0.36732635E-06
238	-0.30355146E-07	0.26695619E-06
239	-0.81220248E-08	0.18035561E-06
240	0.62672880E-08	0.11029432E-06
241	0.14495328E-07	0.56987702E-07
242	0.18174486E-07	0.18970809E-07
243	0.18720913E-07	-0.61034062E-08
244	0.17296619E-07	-0.20893207E-07
245	0.14798593E-07	-0.27993384E-07
246	0.11877192E-07	-0.29716070E-07
247	0.89705727E-08	-0.27982930E-07
248	0.63457395E-08	-0.24295762E-07
249	0.41397783E-08	-0.19757865E-07
250	0.23973483E-08	-0.15124524E-07
251	0.11023601E-08	-0.10866581E-07
252	0.20311784E-09	-0.72360637E-08
253	-0.36901820E-09	-0.43305146E-08
254	-0.68692763E-09	-0.21432411E-08
255	-0.81917639E-09	-0.60126548E-09
256	-0.82517215E-09	0.40096784E-09
257	-0.75313067E-09	0.97876585E-09
258	-0.63987804E-09	0.12427925E-08
259	-0.51177568E-09	0.12907141E-08
260	-0.38624737E-09	0.12032710E-08
261	-0.27353508E-09	0.10434189E-08
262	-0.17843549E-09	0.85740914E-09
263	-0.10186915E-09	0.67692257E-09
264	-0.42212032E-10	0.52160426E-09
265	0.36271383E-11	0.40154899E-09
266	0.39365632E-10	0.31952962E-09
267	0.68700316E-10	0.27252775E-09
268	0.94778942E-10	0.25275868E-09
269	0.11976722E-09	0.24844490E-09

STEP DI CARICO NO. 17

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.14992928E-03	-0.40175950E-04
2	0.14591646E-03	-0.40032726E-04
3	0.14194033E-03	-0.39361876E-04
4	0.13807615E-03	-0.37729085E-04
5	0.13443506E-03	-0.34879697E-04
6	0.13114435E-03	-0.30705905E-04
7	0.12834150E-03	-0.25103347E-04
8	0.12617557E-03	-0.17944472E-04
9	0.12480946E-03	-0.90801277E-05
10	0.12442199E-03	0.16576719E-05
11	0.12520971E-03	0.14457067E-04
12	0.12738950E-03	0.29539458E-04
13	0.13120251E-03	0.47169116E-04
14	0.13691839E-03	0.67650944E-04
15	0.14483910E-03	0.91324779E-04
16	0.15530190E-03	0.11855509E-03
17	0.16860779E-03	0.14751566E-03
18	0.18480131E-03	0.17636432E-03
19	0.20388715E-03	0.20540743E-03
20	0.22589644E-03	0.23486001E-03
21	0.25087546E-03	0.26480170E-03
22	0.27887308E-03	0.29523284E-03
23	0.30993836E-03	0.32615400E-03
24	0.34412026E-03	0.35756582E-03
25	0.38146789E-03	0.38946918E-03
26	0.42203075E-03	0.42187257E-03
27	0.46586173E-03	0.45485512E-03
28	0.51302789E-03	0.48862188E-03
29	0.56362327E-03	0.52350364E-03
30	0.61778107E-03	0.55995741E-03
31	0.67568658E-03	0.59856597E-03
32	0.73758967E-03	0.64003823E-03
33	0.80381747E-03	0.68520894E-03
34	0.87478675E-03	0.73503866E-03
35	0.95101673E-03	0.79061353E-03
36	0.10331414E-02	0.85314491E-03
37	0.11219222E-02	0.92396920E-03
38	0.12182604E-02	0.10045473E-02
39	0.13232096E-02	0.10964647E-02
40	0.14379882E-02	0.12014301E-02
41	0.15639917E-02	0.13212758E-02
42	0.17018464E-02	0.14292112E-02
43	0.18485482E-02	0.14985749E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20003493E-02	0.15315819E-02
45	0.21537307E-02	0.15305728E-02
46	0.23054124E-02	0.14980141E-02
47	0.24523681E-02	0.14364980E-02
48	0.25918372E-02	0.13487423E-02
49	0.27213369E-02	0.12375907E-02
50	0.28386745E-02	0.11060125E-02
51	0.29419616E-02	0.95710263E-03
52	0.30296247E-02	0.79408183E-03
53	0.31004192E-02	0.62029663E-03
54	0.31534410E-02	0.43921909E-03
55	0.31881398E-02	0.25444714E-03
56	0.32043313E-02	0.69704372E-04
57	0.32022099E-02	-0.11115993E-03
58	0.31823611E-02	-0.28417073E-03
59	0.31457744E-02	-0.44522731E-03
60	0.30938550E-02	-0.59010327E-03
61	0.30284380E-02	-0.71444636E-03
62	0.29517994E-02	-0.81377872E-03
63	0.28666696E-02	-0.88349683E-03
64	0.27762449E-02	-0.91887132E-03
65	0.26842018E-02	-0.91504719E-03
66	0.25947080E-02	-0.86704374E-03
67	0.25112596E-02	-0.80504431E-03
68	0.24331638E-02	-0.75910665E-03
69	0.23590815E-02	-0.72387286E-03
70	0.22882153E-02	-0.69385913E-03
71	0.22203226E-02	-0.66345377E-03
72	0.21556329E-02	-0.62979397E-03
73	0.20944749E-02	-0.59280585E-03
74	0.20371871E-02	-0.55235747E-03
75	0.19841259E-02	-0.50823472E-03
76	0.19356733E-02	-0.46012129E-03
77	0.18922488E-02	-0.40759100E-03
78	0.18543202E-02	-0.35010604E-03
79	0.18224141E-02	-0.28702524E-03
80	0.17971258E-02	-0.21762658E-03
81	0.17791247E-02	-0.14115080E-03
82	0.17691557E-02	-0.56871329E-04
83	0.17680308E-02	0.35817611E-04
84	0.17766140E-02	0.13734975E-03
85	0.17958061E-02	0.24804290E-03
86	0.18265313E-02	0.36799579E-03
87	0.18697124E-02	0.49716170E-03
88	0.19262707E-02	0.63554058E-03
89	0.19971277E-02	0.78313251E-03

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.20832042E-02	0.93993742E-03
91	0.21854222E-02	0.11059553E-02
92	0.23045084E-02	0.12753640E-02
93	0.24404139E-02	0.14423409E-02
94	0.25928954E-02	0.16068862E-02
95	0.27617100E-02	0.17689998E-02
96	0.29466145E-02	0.19286819E-02
97	0.31473653E-02	0.20859321E-02
98	0.33637197E-02	0.22407507E-02
99	0.35954344E-02	0.23931379E-02
100	0.38422663E-02	0.25430932E-02
101	0.41039740E-02	0.26906750E-02
102	0.43803286E-02	0.28360768E-02
103	0.46711280E-02	0.29796460E-02
104	0.49762134E-02	0.31218850E-02
105	0.52954829E-02	0.32634498E-02
106	0.56289081E-02	0.34051510E-02
107	0.59765498E-02	0.35479534E-02
108	0.63385726E-02	0.36929762E-02
109	0.67152614E-02	0.38414930E-02
110	0.71070353E-02	0.39949310E-02
111	0.75144642E-02	0.41548731E-02
112	0.79382844E-02	0.43230546E-02
113	0.83794128E-02	0.45013665E-02
114	0.88389637E-02	0.46918537E-02
115	0.93182623E-02	0.48967148E-02
116	0.98188641E-02	0.51183039E-02
117	0.10341493E-01	0.53269854E-02
118	0.10882848E-01	0.54932781E-02
119	0.11438830E-01	0.56199986E-02
120	0.12005628E-01	0.57101171E-02
121	0.12579737E-01	0.57667582E-02
122	0.13157973E-01	0.57932017E-02
123	0.13737486E-01	0.57928809E-02
124	0.14315777E-01	0.57693827E-02
125	0.14890715E-01	0.57264501E-02
126	0.15460549E-01	0.56679789E-02
127	0.16023926E-01	0.55980198E-02
128	0.16579909E-01	0.55207773E-02
129	0.17127985E-01	0.54406109E-02
130	0.17668085E-01	0.53620338E-02
131	0.18200601E-01	0.52897143E-02
132	0.18726397E-01	0.52284733E-02
133	0.19246830E-01	0.51832879E-02
134	0.19763760E-01	0.51592886E-02
135	0.20279571E-01	0.51617599E-02

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.20797176E-01	0.51961411E-02
137	0.21320049E-01	0.52680261E-02
138	0.21852223E-01	0.53831618E-02
139	0.22398319E-01	0.55474504E-02
140	0.22963554E-01	0.57669482E-02
141	0.23553757E-01	0.60478663E-02
142	0.24172388E-01	0.63066003E-02
143	0.24811557E-01	0.64597013E-02
144	0.25461029E-01	0.65138428E-02
145	0.26111253E-01	0.64758523E-02
146	0.26753362E-01	0.63527115E-02
147	0.27379194E-01	0.61515574E-02
148	0.27981315E-01	0.58796797E-02
149	0.28553022E-01	0.55445242E-02
150	0.29088365E-01	0.51536891E-02
151	0.29582161E-01	0.47149286E-02
152	0.30030016E-01	0.42361496E-02
153	0.30428328E-01	0.37254149E-02
154	0.30774308E-01	0.31909402E-02
155	0.31066002E-01	0.26410965E-02
156	0.31302299E-01	0.20844082E-02
157	0.31482946E-01	0.15295548E-02
158	0.31608567E-01	0.98536955E-03
159	0.31680673E-01	0.46084187E-03
160	0.31701695E-01	-0.34877707E-04
161	0.31674970E-01	-0.49247657E-03
162	0.31604785E-01	-0.90248423E-03
163	0.31496380E-01	-0.12552751E-02
164	0.31355962E-01	-0.15410705E-02
165	0.31190731E-01	-0.17499403E-02
166	0.31008875E-01	-0.18718031E-02
167	0.30815875E-01	-0.20084917E-02
168	0.30603293E-01	-0.22616880E-02
169	0.30360006E-01	-0.26208574E-02
170	0.30075947E-01	-0.30753121E-02
171	0.29742127E-01	-0.36142108E-02
172	0.29350655E-01	-0.42265430E-02
173	0.28894745E-01	-0.49011125E-02
174	0.28368738E-01	-0.56265406E-02
175	0.27768126E-01	-0.63912845E-02
176	0.27089560E-01	-0.71836459E-02
177	0.26330872E-01	-0.79917787E-02
178	0.25491079E-01	-0.88036954E-02
179	0.24570411E-01	-0.96072657E-02
180	0.23570312E-01	-0.10390222E-01
181	0.22493467E-01	-0.11140157E-01

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
182	0.21343801E-01	-0.11844520E-01
183	0.20126505E-01	-0.12490618E-01
184	0.18848047E-01	-0.13065604E-01
185	0.17516188E-01	-0.13556474E-01
186	0.16139995E-01	-0.13950076E-01
187	0.14729858E-01	-0.14233099E-01
188	0.13297509E-01	-0.14392084E-01
189	0.11856031E-01	-0.14413412E-01
190	0.10419874E-01	-0.14283314E-01
191	0.90048797E-02	-0.13987864E-01
192	0.76282830E-02	-0.13512984E-01
193	0.63087381E-02	-0.12844440E-01
194	0.50663301E-02	-0.11967844E-01
195	0.39225891E-02	-0.10868655E-01
196	0.29005087E-02	-0.95321750E-02
197	0.20224294E-02	-0.80074333E-02
198	0.13014311E-02	-0.64104162E-02
199	0.73870085E-03	-0.48627579E-02
200	0.32385468E-03	-0.34658439E-02
201	0.38402275E-04	-0.22828246E-02
202	-0.14078230E-03	-0.13419675E-02
203	-0.23790117E-03	-0.63840882E-03
204	-0.27551752E-03	-0.14645400E-03
205	-0.27305630E-03	0.16957089E-03
206	-0.24618668E-03	0.34809601E-03
207	-0.20680684E-03	0.42552882E-03
208	-0.16339193E-03	0.43363124E-03
209	-0.12152639E-03	0.39835981E-03
210	-0.84499865E-04	0.33969132E-03
211	-0.53886524E-04	0.27207096E-03
212	-0.30060653E-04	0.20520126E-03
213	-0.12625065E-04	0.14496779E-03
214	-0.74529567E-06	0.94388277E-04
215	0.66081880E-05	0.54476681E-04
216	0.10493975E-04	0.24883111E-04
217	0.11888754E-04	0.44078483E-05
218	0.11626069E-04	-0.85516731E-05
219	0.10372473E-04	-0.15689568E-04
220	0.86293812E-05	-0.18590687E-04
221	0.67499304E-05	-0.18623972E-04
222	0.49632495E-05	-0.16897380E-04
223	0.34009893E-05	-0.14254742E-04
224	0.21227506E-05	-0.11298617E-04
225	0.11384514E-05	-0.84269286E-05
226	0.42671940E-06	-0.58746050E-05
227	-0.50933810E-07	-0.37562043E-05

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
228	-0.34002338E-06	-0.21028609E-05
229	-0.48620228E-06	-0.89040702E-06
230	-0.53091577E-06	-0.62282297E-07
231	-0.50910194E-06	0.45254725E-06
232	-0.44841866E-06	0.72700607E-06
233	-0.36947515E-06	0.82823209E-06
234	-0.28663510E-06	0.81357172E-06
235	-0.20909027E-06	0.72902691E-06
236	-0.14200067E-06	0.60935361E-06
237	-0.87570008E-07	0.47916660E-06
238	-0.45981334E-07	0.35456023E-06
239	-0.16159870E-07	0.24489668E-06
240	0.36437657E-08	0.15460598E-06
241	0.15440532E-07	0.84691415E-07
242	0.21218602E-07	0.33873416E-07
243	0.22765096E-07	-0.44812551E-09
244	0.21573422E-07	-0.21436261E-07
245	0.18815863E-07	-0.32283861E-07
246	0.15357683E-07	-0.35900467E-07
247	0.11794738E-07	-0.34748009E-07
248	0.85018481E-08	-0.30782566E-07
249	0.56832525E-08	-0.25466285E-07
250	0.34195575E-08	-0.19821023E-07
251	0.17081568E-08	-0.14502498E-07
252	0.49585502E-09	-0.98800585E-08
253	-0.29649819E-09	-0.61169194E-08
254	-0.75690265E-09	-0.32349936E-08
255	-0.97053354E-09	-0.11641665E-08
256	-0.10127844E-08	0.21520830E-09
257	-0.94591746E-09	0.10418171E-08
258	-0.81827434E-09	0.14528247E-08
259	-0.66508399E-09	0.15718866E-08
260	-0.51016175E-09	0.15030066E-08
261	-0.36800082E-09	0.13285824E-08
262	-0.24591121E-09	0.11101801E-08
263	-0.14599615E-09	0.89083779E-09
264	-0.66859254E-10	0.69802764E-09
265	-0.50089152E-11	0.54666854E-09
266	0.44030776E-10	0.44199916E-09
267	0.84861243E-10	0.38143952E-09
268	0.12148135E-09	0.35576017E-09
269	0.15668113E-09	0.35011652E-09

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.16213E-03	2
2	-0.10000	0.15495E-03	2
3	-0.20000	0.14778E-03	3
4	-0.30000	0.14060E-03	3
5	-0.40000	0.13712E-03	11
6	-0.50000	0.13433E-03	10
7	-0.60000	0.13198E-03	10
8	-0.70000	0.13020E-03	10
9	-0.80000	0.12917E-03	5
10	-0.90000	0.12970E-03	5
11	-1.0000	0.13136E-03	5
12	-1.1000	0.13431E-03	5
13	-1.2000	0.13868E-03	5
14	-1.3000	0.14464E-03	5
15	-1.4000	0.15231E-03	5
16	-1.5000	0.16186E-03	5
17	-1.6000	0.17335E-03	5
18	-1.7000	0.18653E-03	5
19	-1.8000	0.20389E-03	17
20	-1.9000	0.22590E-03	17
21	-2.0000	0.25088E-03	17
22	-2.1000	0.27887E-03	17
23	-2.2000	0.30994E-03	17
24	-2.3000	0.34412E-03	17
25	-2.4000	0.38147E-03	17
26	-2.5000	0.42203E-03	17
27	-2.6000	0.46586E-03	17
28	-2.7000	0.51303E-03	17
29	-2.8000	0.56362E-03	17
30	-2.9000	0.61778E-03	17
31	-3.0000	0.67569E-03	17
32	-3.1000	0.73759E-03	17
33	-3.2000	0.80382E-03	17
34	-3.3000	0.87479E-03	17
35	-3.4000	0.95102E-03	17
36	-3.5000	0.10331E-02	17
37	-3.6000	0.11219E-02	17
38	-3.7000	0.12183E-02	17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.13232E-02	17
40	-3.9000	0.14380E-02	17
41	-4.0000	0.15640E-02	17
42	-4.1000	0.17018E-02	17
43	-4.2000	0.18485E-02	17
44	-4.3000	0.20003E-02	17
45	-4.4000	0.21537E-02	17
46	-4.5000	0.23054E-02	17
47	-4.6000	0.24524E-02	17
48	-4.7000	0.25918E-02	17
49	-4.8000	0.27213E-02	17
50	-4.9000	0.28387E-02	17
51	-5.0000	0.29420E-02	17
52	-5.1000	0.30296E-02	17
53	-5.2000	0.31004E-02	17
54	-5.3000	0.31534E-02	17
55	-5.4000	0.31881E-02	17
56	-5.5000	0.32043E-02	17
57	-5.6000	0.32022E-02	17
58	-5.7000	0.31824E-02	17
59	-5.8000	0.31458E-02	17
60	-5.9000	0.30939E-02	17
61	-6.0000	0.30284E-02	17
62	-6.1000	0.29518E-02	17
63	-6.2000	0.28667E-02	17
64	-6.3000	0.27762E-02	17
65	-6.4000	0.26842E-02	17
66	-6.5000	0.25947E-02	17
67	-6.6000	0.25113E-02	17
68	-6.7000	0.24332E-02	17
69	-6.8000	0.23591E-02	17
70	-6.9000	0.22882E-02	17
71	-7.0000	0.22203E-02	17
72	-7.1000	0.21556E-02	17
73	-7.2000	0.20945E-02	17
74	-7.3000	0.20372E-02	17
75	-7.4000	0.19841E-02	17
76	-7.5000	0.19357E-02	17
77	-7.6000	0.18922E-02	17
78	-7.7000	0.18543E-02	17
79	-7.8000	0.18224E-02	17
80	-7.9000	0.17971E-02	17
81	-8.0000	0.17791E-02	17
82	-8.1000	0.17692E-02	17
83	-8.2000	0.17680E-02	17
84	-8.3000	0.17766E-02	17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.17958E-02	17
86	-8.5000	0.18265E-02	17
87	-8.6000	0.18697E-02	17
88	-8.7000	0.19263E-02	17
89	-8.8000	0.19971E-02	17
90	-8.9000	0.20832E-02	17
91	-9.0000	0.21854E-02	17
92	-9.1000	0.23045E-02	17
93	-9.2000	0.24404E-02	17
94	-9.3000	0.25929E-02	17
95	-9.4000	0.27617E-02	17
96	-9.5000	0.29466E-02	17
97	-9.6000	0.31474E-02	17
98	-9.7000	0.33637E-02	17
99	-9.8000	0.35954E-02	17
100	-9.9000	0.38423E-02	17
101	-10.000	0.41040E-02	17
102	-10.100	0.43803E-02	17
103	-10.200	0.46711E-02	17
104	-10.300	0.49762E-02	17
105	-10.400	0.52955E-02	17
106	-10.500	0.56289E-02	17
107	-10.600	0.59765E-02	17
108	-10.700	0.63386E-02	17
109	-10.800	0.67153E-02	17
110	-10.900	0.71070E-02	17
111	-11.000	0.75145E-02	17
112	-11.100	0.79383E-02	17
113	-11.200	0.83794E-02	17
114	-11.300	0.88390E-02	17
115	-11.400	0.93183E-02	17
116	-11.500	0.98189E-02	17
117	-11.600	0.10341E-01	17
118	-11.700	0.10883E-01	17
119	-11.800	0.11439E-01	17
120	-11.900	0.12006E-01	17
121	-12.000	0.12580E-01	17
122	-12.100	0.13158E-01	17
123	-12.200	0.13737E-01	17
124	-12.300	0.14316E-01	17
125	-12.400	0.14891E-01	17
126	-12.500	0.15461E-01	17
127	-12.600	0.16024E-01	17
128	-12.700	0.16580E-01	17
129	-12.800	0.17128E-01	17
130	-12.900	0.17668E-01	17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	0.18201E-01	17
132	-13.100	0.18726E-01	17
133	-13.200	0.19247E-01	17
134	-13.300	0.19764E-01	17
135	-13.400	0.20280E-01	17
136	-13.500	0.20797E-01	17
137	-13.600	0.21320E-01	17
138	-13.700	0.21852E-01	17
139	-13.800	0.22398E-01	17
140	-13.900	0.22964E-01	17
141	-14.000	0.23554E-01	17
142	-14.100	0.24172E-01	17
143	-14.200	0.24812E-01	17
144	-14.300	0.25461E-01	17
145	-14.400	0.26111E-01	17
146	-14.500	0.26753E-01	17
147	-14.600	0.27379E-01	17
148	-14.700	0.27981E-01	17
149	-14.800	0.28553E-01	17
150	-14.900	0.29088E-01	17
151	-15.000	0.29582E-01	17
152	-15.100	0.30030E-01	17
153	-15.200	0.30428E-01	17
154	-15.300	0.30774E-01	17
155	-15.400	0.31066E-01	17
156	-15.500	0.31302E-01	17
157	-15.600	0.31483E-01	17
158	-15.700	0.31609E-01	17
159	-15.800	0.31681E-01	17
160	-15.900	0.31702E-01	17
161	-16.000	0.31675E-01	17
162	-16.100	0.31605E-01	17
163	-16.200	0.31496E-01	17
164	-16.300	0.31356E-01	17
165	-16.400	0.31191E-01	17
166	-16.500	0.31009E-01	17
167	-16.600	0.30816E-01	17
168	-16.700	0.30603E-01	17
169	-16.800	0.30360E-01	17
170	-16.900	0.30076E-01	17
171	-17.000	0.29742E-01	17
172	-17.100	0.29351E-01	17
173	-17.200	0.28895E-01	17
174	-17.300	0.28369E-01	17
175	-17.400	0.27768E-01	17
176	-17.500	0.27090E-01	17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
177	-17.600	0.26331E-01	17
178	-17.700	0.25491E-01	17
179	-17.800	0.24570E-01	17
180	-17.900	0.23570E-01	17
181	-18.000	0.22493E-01	17
182	-18.100	0.21344E-01	17
183	-18.200	0.20127E-01	17
184	-18.300	0.18848E-01	17
185	-18.400	0.17516E-01	17
186	-18.500	0.16140E-01	17
187	-18.600	0.14730E-01	17
188	-18.700	0.13298E-01	17
189	-18.800	0.11856E-01	17
190	-18.900	0.10420E-01	17
191	-19.000	0.90049E-02	17
192	-19.100	0.76283E-02	17
193	-19.200	0.63087E-02	17
194	-19.300	0.50663E-02	17
195	-19.400	0.39226E-02	17
196	-19.500	0.29005E-02	17
197	-19.600	0.20224E-02	17
198	-19.700	0.13014E-02	17
199	-19.800	0.73870E-03	17
200	-19.900	0.32385E-03	17
201	-20.000	0.38402E-04	17
202	-20.100	-0.14780E-03	16
203	-20.200	-0.23790E-03	17
204	-20.300	-0.27552E-03	17
205	-20.400	-0.27306E-03	17
206	-20.500	-0.24619E-03	17
207	-20.600	-0.20681E-03	17
208	-20.700	-0.16339E-03	17
209	-20.800	-0.12153E-03	17
210	-20.900	-0.84500E-04	17
211	-21.000	-0.53887E-04	17
212	-21.100	-0.30061E-04	17
213	-21.200	-0.12625E-04	17
214	-21.300	0.14670E-05	16
215	-21.400	0.66747E-05	16
216	-21.500	0.10494E-04	17
217	-21.600	0.11889E-04	17
218	-21.700	0.11626E-04	17
219	-21.800	0.10372E-04	17
220	-21.900	0.86294E-05	17
221	-22.000	0.67499E-05	17
222	-22.100	0.49632E-05	17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
223	-22.200	0.34010E-05	17
224	-22.300	0.21228E-05	17
225	-22.400	0.11385E-05	17
226	-22.500	0.42672E-06	17
227	-22.600	-0.12302E-06	16
228	-22.700	-0.34002E-06	17
229	-22.800	-0.48620E-06	17
230	-22.900	-0.53092E-06	17
231	-23.000	-0.50910E-06	17
232	-23.100	-0.44842E-06	17
233	-23.200	-0.36948E-06	17
234	-23.300	-0.28664E-06	17
235	-23.400	-0.20909E-06	17
236	-23.500	-0.14200E-06	17
237	-23.600	-0.87570E-07	17
238	-23.700	-0.45981E-07	17
239	-23.800	-0.16160E-07	17
240	-23.900	0.62673E-08	16
241	-24.000	0.15441E-07	17
242	-24.100	0.21219E-07	17
243	-24.200	0.22765E-07	17
244	-24.300	0.21573E-07	17
245	-24.400	0.18816E-07	17
246	-24.500	0.15358E-07	17
247	-24.600	0.11795E-07	17
248	-24.700	0.85018E-08	17
249	-24.800	0.56833E-08	17
250	-24.900	0.34196E-08	17
251	-25.000	0.17082E-08	17
252	-25.100	0.49586E-09	17
253	-25.200	-0.36902E-09	16
254	-25.300	-0.75690E-09	17
255	-25.400	-0.97053E-09	17
256	-25.500	-0.10128E-08	17
257	-25.600	-0.94592E-09	17
258	-25.700	-0.81827E-09	17
259	-25.800	-0.66508E-09	17
260	-25.900	-0.51016E-09	17
261	-26.000	-0.36800E-09	17
262	-26.100	-0.24591E-09	17
263	-26.200	-0.14600E-09	17
264	-26.300	-0.66859E-10	17
265	-26.400	-0.50089E-11	17
266	-26.500	0.44031E-10	17
267	-26.600	0.84861E-10	17
268	-26.700	0.12148E-09	17

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE	PARETE LeftWall
269	-26.800	0.15668E-09	17	

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 17
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.5507E-13	0.8038E-13	0.1277
	B	-0.1000	0.1277E-01	0.4796E-13	0.1277
2	A	-0.1000	0.1277E-01	0.	0.3504
	B	-0.2000	0.4782E-01	0.3197E-13	0.3504
3	A	-0.2000	0.4782E-01	0.	0.5232
	B	-0.3000	0.1001	0.	0.5232
4	A	-0.3000	0.1001	0.	0.5913
	B	-0.4000	0.1593	0.	0.5913
5	A	-0.4000	0.1593	0.	0.5562
	B	-0.5000	0.2140	0.	0.5562
6	A	-0.5000	0.2140	0.	0.5620
	B	-0.6000	0.2687	0.	0.5620
7	A	-0.6000	0.2687	0.	0.6145
	B	-0.7000	0.3235	0.1480E-05	0.6145
8	A	-0.7000	0.3235	0.1480E-05	0.6748
	B	-0.8000	0.3782	0.2990E-05	0.6748
9	A	-0.8000	0.3782	0.2990E-05	0.7415
	B	-0.9000	0.4430	0.4501E-05	0.7415
10	A	-0.9000	0.4430	0.4501E-05	0.8170
	B	-1.000	0.5247	0.6012E-05	0.8170
11	A	-1.000	0.5247	0.6012E-05	0.9089
	B	-1.100	0.6156	0.7523E-05	0.9089
12	A	-1.100	0.6156	0.7523E-05	1.017
	B	-1.200	0.7172	0.9033E-05	1.017
13	A	-1.200	0.7172	0.9033E-05	1.139
	B	-1.300	0.8312	0.1054E-04	1.139
14	A	-1.300	0.8312	0.1054E-04	1.274
	B	-1.400	0.9586	0.1206E-04	1.274
15	A	-1.400	0.9586	0.1206E-04	1.415
	B	-1.500	1.100	0.1357E-04	1.415
16	A	-1.500	1.100	0.1357E-04	1.220
	B	-1.600	1.089	0.1617E-04	1.220
17	A	-1.600	1.089	0.1617E-04	1.220
	B	-1.700	1.092	0.1878E-04	1.220

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	1.092	0.1878E-04	1.220
	B	-1.800	1.104	0.	1.220
19	A	-1.800	1.104	0.	1.222
	B	-1.900	1.123	0.	1.222
20	A	-1.900	1.123	0.	2.028
	B	-2.000	1.141	0.	2.028
21	A	-2.000	1.141	0.	1.223
	B	-2.100	1.160	0.	1.223
22	A	-2.100	1.160	0.	1.223
	B	-2.200	1.178	0.9274E-01	1.223
23	A	-2.200	1.178	0.9274E-01	1.223
	B	-2.300	1.197	0.2148	1.223
24	A	-2.300	1.197	0.2148	1.223
	B	-2.400	1.215	0.3368	1.223
25	A	-2.400	1.215	0.3368	1.223
	B	-2.500	1.234	0.4588	1.223
26	A	-2.500	1.234	0.4588	1.222
	B	-2.600	1.259	0.5808	1.222
27	A	-2.600	1.259	0.5808	1.222
	B	-2.700	1.294	0.7028	1.222
28	A	-2.700	1.294	0.7028	1.221
	B	-2.800	1.343	0.8249	1.221
29	A	-2.800	1.343	0.8249	1.193
	B	-2.900	1.413	0.9441	1.193
30	A	-2.900	1.413	0.9441	1.122
	B	-3.000	1.506	1.056	1.122
31	A	-3.000	1.506	1.056	1.273
	B	-3.100	1.629	1.157	1.273
32	A	-3.100	1.629	1.157	1.568
	B	-3.200	1.786	1.242	1.568
33	A	-3.200	1.786	1.242	1.955
	B	-3.300	1.981	1.308	1.955
34	A	-3.300	1.981	1.308	2.389
	B	-3.400	2.220	1.349	2.389
35	A	-3.400	2.220	1.349	2.870
	B	-3.500	2.507	1.361	2.870
36	A	-3.500	2.507	1.361	3.399
	B	-3.600	2.847	1.341	3.399
37	A	-3.600	2.847	1.341	3.975
	B	-3.700	3.245	1.283	3.975
38	A	-3.700	3.245	1.283	4.598
	B	-3.800	3.704	1.185	4.598
39	A	-3.800	3.704	1.185	5.267
	B	-3.900	4.231	1.040	5.267
40	A	-3.900	4.231	1.040	5.983
	B	-4.000	4.829	0.8462	5.983

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	4.829	0.8462	14.99
	B	-4.100	3.331	0.5977	14.99
42	A	-4.100	3.331	0.5977	14.17
	B	-4.200	1.913	0.2907	14.17
43	A	-4.200	1.913	0.2907	13.31
	B	-4.300	0.7270	0.3232	13.31
44	A	-4.300	0.7270	0.3232	12.40
	B	-4.400	0.5483	1.357	12.40
45	A	-4.400	0.5483	1.357	11.45
	B	-4.500	1.212	2.320	11.45
46	A	-4.500	1.212	2.320	10.44
	B	-4.600	1.546	3.207	10.44
47	A	-4.600	1.546	3.207	9.393
	B	-4.700	1.642	4.014	9.393
48	A	-4.700	1.642	4.014	8.294
	B	-4.800	1.577	4.736	8.294
49	A	-4.800	1.577	4.736	7.148
	B	-4.900	1.414	5.371	7.148
50	A	-4.900	1.414	5.371	5.955
	B	-5.000	1.201	5.927	5.955
51	A	-5.000	1.201	5.927	4.713
	B	-5.100	0.9748	6.398	4.713
52	A	-5.100	0.9748	6.398	3.433
	B	-5.200	0.7572	6.740	3.433
53	A	-5.200	0.7572	6.740	2.376
	B	-5.300	0.5600	6.949	2.376
54	A	-5.300	0.5600	6.949	1.697
	B	-5.400	0.3903	7.065	1.697
55	A	-5.400	0.3903	7.065	1.395
	B	-5.500	0.2509	7.079	1.395
56	A	-5.500	0.2509	7.079	2.205
	B	-5.600	0.1412	6.974	2.205
57	A	-5.600	0.1412	6.974	3.732
	B	-5.700	0.5899E-01	6.746	3.732
58	A	-5.700	0.5899E-01	6.746	5.306
	B	-5.800	0.6405E-03	6.391	5.306
59	A	-5.800	0.6405E-03	6.391	6.927
	B	-5.900	0.	5.904	6.927
60	A	-5.900	0.	5.904	8.596
	B	-6.000	0.	5.282	8.596
61	A	-6.000	0.	5.282	10.31
	B	-6.100	0.	4.520	10.31
62	A	-6.100	0.	4.520	12.08
	B	-6.200	0.	3.614	12.08
63	A	-6.200	0.	3.614	13.89
	B	-6.300	0.	2.558	13.89

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.	2.558	15.75
	B	-6.400	0.9319	1.350	15.75
65	A	-6.400	0.9319	1.350	17.65
	B	-6.500	2.697	0.5222E-01	17.65
66	A	-6.500	2.697	0.5222E-01	15.26
	B	-6.600	1.990	0.4207E-01	15.26
67	A	-6.600	1.990	0.4207E-01	16.92
	B	-6.700	3.233	0.3207E-01	16.92
68	A	-6.700	3.233	0.3207E-01	18.62
	B	-6.800	5.096	0.5668E-01	18.62
69	A	-6.800	5.096	0.5668E-01	20.36
	B	-6.900	7.132	0.2256	20.36
70	A	-6.900	7.132	0.2256	22.52
	B	-7.000	9.384	0.2159	22.52
71	A	-7.000	9.384	0.2159	2.150
	B	-7.100	9.599	0.2063	2.150
72	A	-7.100	9.599	0.2063	9.808
	B	-7.200	8.618	0.1967	9.808
73	A	-7.200	8.618	0.1967	15.51
	B	-7.300	7.067	0.1870	15.51
74	A	-7.300	7.067	0.1870	16.85
	B	-7.400	5.382	0.1774	16.85
75	A	-7.400	5.382	0.1774	15.70
	B	-7.500	3.812	0.1678	15.70
76	A	-7.500	3.812	0.1678	13.36
	B	-7.600	2.476	0.1581	13.36
77	A	-7.600	2.476	0.1581	10.53
	B	-7.700	2.272	0.1485	10.53
78	A	-7.700	2.272	0.1485	7.733
	B	-7.800	2.497	0.1389	7.733
79	A	-7.800	2.497	0.1389	5.251
	B	-7.900	2.750	0.1293	5.251
80	A	-7.900	2.750	0.1293	3.223
	B	-8.000	3.032	0.1980	3.223
81	A	-8.000	3.032	0.1980	3.080
	B	-8.100	3.340	0.3663	3.080
82	A	-8.100	3.340	0.3663	3.278
	B	-8.200	3.668	0.4256	3.278
83	A	-8.200	3.668	0.4256	3.408
	B	-8.300	4.008	0.4143	3.408
84	A	-8.300	4.008	0.4143	3.518
	B	-8.400	4.360	0.3625	3.518
85	A	-8.400	4.360	0.3625	3.483
	B	-8.500	4.708	0.2921	3.483
86	A	-8.500	4.708	0.2921	3.483
	B	-8.600	5.057	0.2185	3.483

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	5.057	0.2185	3.483
	B	-8.700	5.405	0.1511	3.483
88	A	-8.700	5.405	0.1511	3.508
	B	-8.800	5.753	0.9491E-01	3.508
89	A	-8.800	5.753	0.9491E-01	3.793
	B	-8.900	6.101	0.5157E-01	3.793
90	A	-8.900	6.101	0.5157E-01	3.928
	B	-9.000	6.450	0.2332E-01	3.928
91	A	-9.000	6.450	0.2332E-01	2.569
	B	-9.100	6.358	0.1369E-01	2.569
92	A	-9.100	6.358	0.1369E-01	2.569
	B	-9.200	6.266	0.4057E-02	2.569
93	A	-9.200	6.266	0.4057E-02	3.239
	B	-9.300	6.174	0.	3.239
94	A	-9.300	6.174	0.	10.25
	B	-9.400	6.082	0.	10.25
95	A	-9.400	6.082	0.	21.07
	B	-9.500	5.990	0.	21.07
96	A	-9.500	5.990	0.	9.098
	B	-9.600	5.898	0.	9.098
97	A	-9.600	5.898	0.	2.569
	B	-9.700	5.806	0.1821	2.569
98	A	-9.700	5.806	0.1821	3.874
	B	-9.800	5.714	0.3719	3.874
99	A	-9.800	5.714	0.3719	6.383
	B	-9.900	5.622	0.5618	6.383
100	A	-9.900	5.622	0.5618	7.190
	B	-10.00	5.535	0.7517	7.190
101	A	-10.00	5.535	0.7517	6.935
	B	-10.10	5.458	0.9416	6.935
102	A	-10.10	5.458	0.9416	6.160
	B	-10.20	5.396	1.131	6.160
103	A	-10.20	5.396	1.131	5.102
	B	-10.30	5.357	1.321	5.102
104	A	-10.30	5.357	1.321	3.973
	B	-10.40	5.345	1.511	3.973
105	A	-10.40	5.345	1.511	2.905
	B	-10.50	5.367	1.701	2.905
106	A	-10.50	5.367	1.701	2.548
	B	-10.60	5.429	1.889	2.548
107	A	-10.60	5.429	1.889	2.475
	B	-10.70	5.535	2.069	2.475
108	A	-10.70	5.535	2.069	2.349
	B	-10.80	5.693	2.237	2.349
109	A	-10.80	5.693	2.237	2.170
	B	-10.90	5.907	2.387	2.170

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BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	5.907	2.387	2.772
	B	-11.00	6.184	2.514	2.772
111	A	-11.00	6.184	2.514	3.457
	B	-11.10	6.530	2.612	3.457
112	A	-11.10	6.530	2.612	4.201
	B	-11.20	6.950	2.677	4.201
113	A	-11.20	6.950	2.677	5.003
	B	-11.30	7.451	2.702	5.003
114	A	-11.30	7.451	2.702	5.880
	B	-11.40	8.037	2.683	5.880
115	A	-11.40	8.037	2.683	6.974
	B	-11.50	8.715	2.615	6.974
116	A	-11.50	8.715	2.615	16.54
	B	-11.60	7.061	2.894	16.54
117	A	-11.60	7.061	2.894	15.51
	B	-11.70	5.511	3.897	15.51
118	A	-11.70	5.511	3.897	14.45
	B	-11.80	4.069	4.834	14.45
119	A	-11.80	4.069	4.834	18.64
	B	-11.90	2.891	5.700	18.64
120	A	-11.90	2.891	5.700	32.65
	B	-12.00	3.829	6.490	32.65
121	A	-12.00	3.829	6.490	16.63
	B	-12.10	5.492	7.199	16.63
122	A	-12.10	5.492	7.199	11.30
	B	-12.20	6.016	7.821	11.30
123	A	-12.20	6.016	7.821	10.38
	B	-12.30	5.791	8.351	10.38
124	A	-12.30	5.791	8.351	9.406
	B	-12.40	5.128	8.784	9.406
125	A	-12.40	5.128	8.784	8.683
	B	-12.50	4.260	9.114	8.683
126	A	-12.50	4.260	9.114	9.099
	B	-12.60	3.350	9.337	9.099
127	A	-12.60	3.350	9.337	8.583
	B	-12.70	2.492	9.446	8.583
128	A	-12.70	2.492	9.446	7.525
	B	-12.80	1.739	9.437	7.525
129	A	-12.80	1.739	9.437	6.217
	B	-12.90	1.117	9.304	6.217
130	A	-12.90	1.117	9.304	4.864
	B	-13.00	0.6310	9.522	4.864
131	A	-13.00	0.6310	9.522	5.114
	B	-13.10	0.2713	9.634	5.114
132	A	-13.10	0.2713	9.634	7.024
	B	-13.20	0.8864E-01	9.606	7.024

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BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	0.8864E-01	9.606	8.993
	B	-13.30	0.7391	9.433	8.993
134	A	-13.30	0.7391	9.433	11.02
	B	-13.40	1.540	9.110	11.02
135	A	-13.40	1.540	9.110	13.10
	B	-13.50	2.496	8.632	13.10
136	A	-13.50	2.496	8.632	15.25
	B	-13.60	3.613	7.992	15.25
137	A	-13.60	3.613	7.992	17.45
	B	-13.70	5.225	7.187	17.45
138	A	-13.70	5.225	7.187	19.71
	B	-13.80	7.196	6.210	19.71
139	A	-13.80	7.196	6.210	22.03
	B	-13.90	9.398	5.057	22.03
140	A	-13.90	9.398	5.057	24.41
	B	-14.00	11.84	3.722	24.41
141	A	-14.00	11.84	3.722	41.18
	B	-14.10	7.721	6.036	41.18
142	A	-14.10	7.721	6.036	38.68
	B	-14.20	6.088	8.157	38.68
143	A	-14.20	6.088	8.157	36.13
	B	-14.30	8.508	10.08	36.13
144	A	-14.30	8.508	10.08	33.52
	B	-14.40	11.13	11.80	33.52
145	A	-14.40	11.13	11.80	35.47
	B	-14.50	14.68	13.31	35.47
146	A	-14.50	14.68	13.31	28.13
	B	-14.60	15.60	14.61	28.13
147	A	-14.60	15.60	14.61	25.34
	B	-14.70	14.80	15.69	25.34
148	A	-14.70	14.80	15.69	22.50
	B	-14.80	12.99	16.55	22.50
149	A	-14.80	12.99	16.55	22.51
	B	-14.90	10.74	17.17	22.51
150	A	-14.90	10.74	17.17	23.05
	B	-15.00	8.435	17.56	23.05
151	A	-15.00	8.435	17.56	21.47
	B	-15.10	6.288	18.78	21.47
152	A	-15.10	6.288	18.78	18.82
	B	-15.20	4.406	19.83	18.82
153	A	-15.20	4.406	19.83	15.57
	B	-15.30	2.849	20.57	15.57
154	A	-15.30	2.849	20.57	12.23
	B	-15.40	1.625	20.99	12.23
155	A	-15.40	1.625	20.99	9.102
	B	-15.50	0.7152	21.09	9.102

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	0.7152	21.09	11.29
	B	-15.60	0.7880E-01	20.86	11.29
157	A	-15.60	0.7880E-01	20.86	14.01
	B	-15.70	0.9066E-03	20.28	14.01
158	A	-15.70	0.9066E-03	20.28	16.78
	B	-15.80	0.3225E-03	19.37	16.78
159	A	-15.80	0.3225E-03	19.37	19.60
	B	-15.90	0.2999E-13	18.11	19.60
160	A	-15.90	0.2999E-13	18.11	22.48
	B	-16.00	0.2304E-13	16.49	22.48
161	A	-16.00	0.2304E-13	16.49	25.41
	B	-16.10	0.1874E-10	14.51	25.41
162	A	-16.10	0.1874E-10	14.51	28.40
	B	-16.20	0.8244E-10	12.16	28.40
163	A	-16.20	0.8244E-10	12.16	31.44
	B	-16.30	1.130	9.444	31.44
164	A	-16.30	1.130	9.444	34.53
	B	-16.40	4.582	6.395	34.53
165	A	-16.40	4.582	6.395	37.67
	B	-16.50	8.350	3.649	37.67
166	A	-16.50	8.350	3.649	46.02
	B	-16.60	12.44	7.468	46.02
167	A	-16.60	12.44	7.468	44.12
	B	-16.70	16.85	11.67	44.12
168	A	-16.70	16.85	11.67	47.43
	B	-16.80	21.59	15.48	47.43
169	A	-16.80	21.59	15.48	50.79
	B	-16.90	26.67	18.88	50.79
170	A	-16.90	26.67	18.88	54.21
	B	-17.00	32.09	21.86	54.21
171	A	-17.00	32.09	21.86	25.66
	B	-17.10	33.20	24.43	25.66
172	A	-17.10	33.20	24.43	21.39
	B	-17.20	31.15	26.57	21.39
173	A	-17.20	31.15	26.57	40.76
	B	-17.30	27.07	28.27	40.76
174	A	-17.30	27.07	28.27	49.56
	B	-17.40	22.11	29.54	49.56
175	A	-17.40	22.11	29.54	50.10
	B	-17.50	17.10	30.36	50.10
176	A	-17.50	17.10	30.36	46.06
	B	-17.60	12.50	30.73	46.06
177	A	-17.60	12.50	30.73	39.68
	B	-17.70	8.530	30.65	39.68
178	A	-17.70	8.530	30.65	32.24
	B	-17.80	5.305	30.10	32.24

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BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
179	A	-17.80	5.305	30.10	24.79
	B	-17.90	2.826	29.09	24.79
180	A	-17.90	2.826	29.09	17.98
	B	-18.00	1.028	27.61	17.98
181	A	-18.00	1.028	27.61	19.61
	B	-18.10	0.3374E-02	25.64	19.61
182	A	-18.10	0.3374E-02	25.64	24.44
	B	-18.20	0.1620E-02	23.20	24.44
183	A	-18.20	0.1620E-02	23.20	29.32
	B	-18.30	0.3728E-03	20.27	29.32
184	A	-18.30	0.3728E-03	20.27	34.27
	B	-18.40	0.1238E-05	16.84	34.27
185	A	-18.40	0.1238E-05	16.84	39.27
	B	-18.50	0.2962E-06	12.91	39.27
186	A	-18.50	0.2962E-06	12.91	44.33
	B	-18.60	0.1974E-12	8.482	44.33
187	A	-18.60	0.1974E-12	8.482	49.45
	B	-18.70	0.2112E-12	3.537	49.45
188	A	-18.70	0.2112E-12	3.537	54.62
	B	-18.80	2.590	0.8251	54.62
189	A	-18.80	2.590	0.8251	59.86
	B	-18.90	7.911	0.6158	59.86
190	A	-18.90	7.911	0.6158	65.15
	B	-19.00	14.43	0.4310	65.15
191	A	-19.00	14.43	0.4310	70.50
	B	-19.10	21.48	0.2777	70.50
192	A	-19.10	21.48	0.2777	75.91
	B	-19.20	29.07	0.1576	75.91
193	A	-19.20	29.07	0.1576	81.38
	B	-19.30	37.20	0.6902E-01	81.38
194	A	-19.30	37.20	0.6902E-01	86.90
	B	-19.40	45.89	0.7897E-02	86.90
195	A	-19.40	45.89	0.7897E-02	92.49
	B	-19.50	55.14	0.1208E-03	92.49
196	A	-19.50	55.14	0.1208E-03	49.84
	B	-19.60	60.13	0.5145E-04	49.84
197	A	-19.60	60.13	0.5145E-04	10.75
	B	-19.70	60.61	0.3674E-05	10.75
198	A	-19.70	60.61	0.3674E-05	45.16
	B	-19.80	56.40	0.2791E-07	45.16
199	A	-19.80	56.40	0.2791E-07	71.85
	B	-19.90	49.21	0.6081E-14	71.85
200	A	-19.90	49.21	0.6081E-14	89.86
	B	-20.00	40.23	0.6101E-14	89.86
201	A	-20.00	40.23	0.6101E-14	93.22
	B	-20.10	30.90	0.5840E-14	93.22

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
202	A	-20.10	30.90	0.5840E-14	86.18
	B	-20.20	22.29	0.5354E-14	86.18
203	A	-20.20	22.29	0.5354E-14	73.79
	B	-20.30	14.91	0.4709E-14	73.79
204	A	-20.30	14.91	0.4709E-14	59.21
	B	-20.40	8.985	0.4156E-14	59.21
205	A	-20.40	8.985	0.4156E-14	44.74
	B	-20.50	4.511	0.3565E-14	44.74
206	A	-20.50	4.511	0.3565E-14	31.69
	B	-20.60	1.343	0.2936E-14	31.69
207	A	-20.60	1.343	0.2936E-14	20.73
	B	-20.70	0.8793E-03	0.9739	20.73
208	A	-20.70	0.8793E-03	0.9739	12.06
	B	-20.80	0.6917E-05	1.937	12.06
209	A	-20.80	0.6917E-05	1.937	5.623
	B	-20.90	0.3536E-05	2.499	5.623
210	A	-20.90	0.3536E-05	2.499	1.144
	B	-21.00	0.1100E-05	2.613	1.144
211	A	-21.00	0.1100E-05	2.613	1.926
	B	-21.10	0.1574E-08	2.442	1.926
212	A	-21.10	0.1574E-08	2.442	3.305
	B	-21.20	0.5685E-10	2.112	3.305
213	A	-21.20	0.5685E-10	2.112	3.993
	B	-21.30	0.4649E-15	1.712	3.993
214	A	-21.30	0.4649E-15	1.712	4.072
	B	-21.40	0.5087E-15	1.305	4.072
215	A	-21.40	0.5087E-15	1.305	3.729
	B	-21.50	0.4991E-15	0.9322	3.729
216	A	-21.50	0.4991E-15	0.9322	3.165
	B	-21.60	0.5120E-15	0.6157	3.165
217	A	-21.60	0.5120E-15	0.6157	2.517
	B	-21.70	0.4986E-15	0.3640	2.517
218	A	-21.70	0.4986E-15	0.3640	1.884
	B	-21.80	0.4546E-15	0.1756	1.884
219	A	-21.80	0.4546E-15	0.1756	1.319
	B	-21.90	0.3911E-15	0.4371E-01	1.319
220	A	-21.90	0.3911E-15	0.4371E-01	0.8490
	B	-22.00	0.4844E-01	0.7627E-04	0.8490
221	A	-22.00	0.4844E-01	0.7627E-04	0.4814
	B	-22.10	0.8934E-01	0.4307E-06	0.4814
222	A	-22.10	0.8934E-01	0.4307E-06	0.2111
	B	-22.20	0.1104	0.2504E-06	0.2111
223	A	-22.20	0.1104	0.2504E-06	0.2589E-01
	B	-22.30	0.1130	0.1158E-06	0.2589E-01
224	A	-22.30	0.1130	0.1158E-06	0.9352E-01
	B	-22.40	0.1041	0.2169E-07	0.9352E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
225	A	-22.40	0.1041	0.2169E-07	0.1517
	B	-22.50	0.8889E-01	0.2503E-10	0.1517
226	A	-22.50	0.8889E-01	0.2503E-10	0.1763
	B	-22.60	0.7126E-01	0.4079E-16	0.1763
227	A	-22.60	0.7126E-01	0.4079E-16	0.1753
	B	-22.70	0.5373E-01	0.4174E-16	0.1753
228	A	-22.70	0.5373E-01	0.4174E-16	0.1581
	B	-22.80	0.3793E-01	0.4476E-16	0.1581
229	A	-22.80	0.3793E-01	0.4476E-16	0.1325
	B	-22.90	0.2468E-01	0.4868E-16	0.1325
230	A	-22.90	0.2468E-01	0.4868E-16	0.1044
	B	-23.00	0.1424E-01	0.4744E-16	0.1044
231	A	-23.00	0.1424E-01	0.4744E-16	0.7737E-01
	B	-23.10	0.6506E-02	0.4270E-16	0.7737E-01
232	A	-23.10	0.6506E-02	0.4270E-16	0.5360E-01
	B	-23.20	0.1146E-02	0.3594E-16	0.5360E-01
233	A	-23.20	0.1146E-02	0.3594E-16	0.3401E-01
	B	-23.30	0.4523E-05	0.2415E-02	0.3401E-01
234	A	-23.30	0.4523E-05	0.2415E-02	0.1882E-01
	B	-23.40	0.4919E-07	0.4137E-02	0.1882E-01
235	A	-23.40	0.4919E-07	0.4137E-02	0.7737E-02
	B	-23.50	0.1403E-07	0.4911E-02	0.7737E-02
236	A	-23.50	0.1403E-07	0.4911E-02	0.1117E-02
	B	-23.60	0.7509E-08	0.4932E-02	0.1117E-02
237	A	-23.60	0.7509E-08	0.4932E-02	0.4430E-02
	B	-23.70	0.2755E-08	0.4489E-02	0.4430E-02
238	A	-23.70	0.2755E-08	0.4489E-02	0.6867E-02
	B	-23.80	0.1632E-11	0.3802E-02	0.6867E-02
239	A	-23.80	0.1632E-11	0.3802E-02	0.7779E-02
	B	-23.90	0.3126E-17	0.3024E-02	0.7779E-02
240	A	-23.90	0.3126E-17	0.3024E-02	0.7625E-02
	B	-24.00	0.3646E-17	0.2262E-02	0.7625E-02
241	A	-24.00	0.3646E-17	0.2262E-02	0.6812E-02
	B	-24.10	0.4218E-17	0.1580E-02	0.6812E-02
242	A	-24.10	0.4218E-17	0.1580E-02	0.5660E-02
	B	-24.20	0.4225E-17	0.1014E-02	0.5660E-02
243	A	-24.20	0.4225E-17	0.1014E-02	0.4421E-02
	B	-24.30	0.3853E-17	0.5723E-03	0.4421E-02
244	A	-24.30	0.3853E-17	0.5723E-03	0.3246E-02
	B	-24.40	0.3260E-17	0.2478E-03	0.3246E-02
245	A	-24.40	0.3260E-17	0.2478E-03	0.2221E-02
	B	-24.50	0.1637E-04	0.2566E-04	0.2221E-02
246	A	-24.50	0.1637E-04	0.2566E-04	0.1384E-02
	B	-24.60	0.1147E-03	0.2843E-06	0.1384E-02
247	A	-24.60	0.1147E-03	0.2843E-06	0.7421E-03
	B	-24.70	0.1870E-03	0.6016E-07	0.7421E-03

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
248	A	-24.70	0.1870E-03	0.6016E-07	0.2791E-03
	B	-24.80	0.2149E-03	0.8586E-09	0.2791E-03
249	A	-24.80	0.2149E-03	0.8586E-09	0.7664E-04
	B	-24.90	0.2119E-03	0.5118E-09	0.7664E-04
250	A	-24.90	0.2119E-03	0.5118E-09	0.2166E-03
	B	-25.00	0.1902E-03	0.2504E-09	0.2166E-03
251	A	-25.00	0.1902E-03	0.2504E-09	0.3096E-03
	B	-25.10	0.1592E-03	0.6533E-10	0.3096E-03
252	A	-25.10	0.1592E-03	0.6533E-10	0.3400E-03
	B	-25.20	0.1252E-03	0.1130E-14	0.3400E-03
253	A	-25.20	0.1252E-03	0.1130E-14	0.3262E-03
	B	-25.30	0.9263E-04	0.3439E-18	0.3262E-03
254	A	-25.30	0.9263E-04	0.3439E-18	0.2870E-03
	B	-25.40	0.6393E-04	0.3413E-18	0.2870E-03
255	A	-25.40	0.6393E-04	0.3413E-18	0.2357E-03
	B	-25.50	0.4035E-04	0.3074E-18	0.2357E-03
256	A	-25.50	0.4035E-04	0.3074E-18	0.1822E-03
	B	-25.60	0.2214E-04	0.2564E-18	0.1822E-03
257	A	-25.60	0.2214E-04	0.2564E-18	0.1320E-03
	B	-25.70	0.8934E-05	0.1992E-18	0.1320E-03
258	A	-25.70	0.8934E-05	0.1992E-18	0.8867E-04
	B	-25.80	0.6712E-07	0.1425E-05	0.8867E-04
259	A	-25.80	0.6712E-07	0.1425E-05	0.5342E-04
	B	-25.90	0.1566E-07	0.5274E-05	0.5342E-04
260	A	-25.90	0.1566E-07	0.5274E-05	0.2638E-04
	B	-26.00	0.5741E-08	0.7912E-05	0.2638E-04
261	A	-26.00	0.5741E-08	0.7912E-05	0.6872E-05
	B	-26.10	0.4541E-10	0.8599E-05	0.6872E-05
262	A	-26.10	0.4541E-10	0.8599E-05	0.6815E-05
	B	-26.20	0.2985E-10	0.7983E-05	0.6815E-05
263	A	-26.20	0.2985E-10	0.7983E-05	0.1390E-04
	B	-26.30	0.1806E-10	0.6593E-05	0.1390E-04
264	A	-26.30	0.1806E-10	0.6593E-05	0.1744E-04
	B	-26.40	0.9731E-11	0.4849E-05	0.1744E-04
265	A	-26.40	0.9731E-11	0.4849E-05	0.1786E-04
	B	-26.50	0.4383E-11	0.3064E-05	0.1786E-04
266	A	-26.50	0.4383E-11	0.3064E-05	0.1549E-04
	B	-26.60	0.1414E-11	0.1515E-05	0.1549E-04
267	A	-26.60	0.1414E-11	0.1515E-05	0.1088E-04
	B	-26.70	0.1748E-12	0.4267E-06	0.1088E-04
268	A	-26.70	0.1748E-12	0.4267E-06	0.4267E-05
	B	-26.80	0.4066E-19	0.6776E-20	0.4267E-05

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE	chiodo_1	1	PARETE LeftWall	QUOTA	-1.5000
			FASE 1 inattivo		
			FASE 2 inattivo		
			FASE 3 FORZA	0.10943E-04	kN/m
			FASE 4 FORZA	1.7676	kN/m
			FASE 5 FORZA	1.7705	kN/m
			FASE 6 FORZA	1.6279	kN/m
			FASE 7 FORZA	1.6298	kN/m
			FASE 8 FORZA	1.6345	kN/m
			FASE 9 FORZA	1.6345	kN/m
			FASE 10 FORZA	1.6340	kN/m
			FASE 11 FORZA	1.6340	kN/m
			FASE 12 FORZA	1.6340	kN/m
			FASE 13 FORZA	1.6340	kN/m
			FASE 14 FORZA	1.6340	kN/m
			FASE 15 FORZA	1.6340	kN/m
			FASE 16 FORZA	1.6340	kN/m
			FASE 17 FORZA	1.6623	kN/m
TIRANTE	chiodo_2	1	PARETE LeftWall	QUOTA	-4.0000
			FASE 1 inattivo		
			FASE 2 inattivo		
			FASE 3 inattivo		
			FASE 4 inattivo		
			FASE 5 FORZA	-0.70391E-05	kN/m
			FASE 6 FORZA	16.382	kN/m
			FASE 7 FORZA	16.382	kN/m
			FASE 8 FORZA	17.136	kN/m
			FASE 9 FORZA	17.136	kN/m
			FASE 10 FORZA	17.161	kN/m
			FASE 11 FORZA	17.161	kN/m
			FASE 12 FORZA	17.161	kN/m
			FASE 13 FORZA	17.161	kN/m
			FASE 14 FORZA	17.162	kN/m
			FASE 15 FORZA	17.162	kN/m
			FASE 16 FORZA	17.161	kN/m
			FASE 17 FORZA	21.732	kN/m
TIRANTE	chiodo_3	1	PARETE LeftWall	QUOTA	-6.5000
			FASE 1 inattivo		
			FASE 2 inattivo		
			FASE 3 inattivo		
			FASE 4 inattivo		
			FASE 5 inattivo		

FASE 6 inattivo
FASE 7 FORZA 0.24534E-02 kN/m
FASE 8 FORZA 22.240 kN/m
FASE 9 FORZA 22.241 kN/m
FASE 10 FORZA 22.527 kN/m
FASE 11 FORZA 22.556 kN/m
FASE 12 FORZA 22.613 kN/m
FASE 13 FORZA 22.614 kN/m
FASE 14 FORZA 22.616 kN/m
FASE 15 FORZA 22.616 kN/m
FASE 16 FORZA 22.618 kN/m
FASE 17 FORZA 26.679 kN/m

TIRANTE chiodo_4 1 PARETE LeftWall QUOTA -9.0000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 FORZA 0.29240E-06 kN/m
FASE 10 FORZA 2.2356 kN/m
FASE 11 FORZA 2.2356 kN/m
FASE 12 FORZA 3.9672 kN/m
FASE 13 FORZA 3.9672 kN/m
FASE 14 FORZA 4.0226 kN/m
FASE 15 FORZA 4.0241 kN/m
FASE 16 FORZA 4.0528 kN/m
FASE 17 FORZA 4.4017 kN/m

TIRANTE chiodo_5 1 PARETE LeftWall QUOTA -11.500
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 inattivo
FASE 10 inattivo
FASE 11 FORZA 0.12548E-06 kN/m
FASE 12 FORZA 11.194 kN/m
FASE 13 FORZA 11.194 kN/m
FASE 14 FORZA 18.674 kN/m

FASE 15 FORZA 18.674 kN/m
FASE 16 FORZA 18.767 kN/m
FASE 17 FORZA 24.300 kN/m

TIRANTE chiodo_6 1 PARETE LeftWall QUOTA -14.000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 inattivo
FASE 10 inattivo
FASE 11 inattivo
FASE 12 inattivo
FASE 13 FORZA 0.28151E-05 kN/m
FASE 14 FORZA 38.363 kN/m
FASE 15 FORZA 38.363 kN/m
FASE 16 FORZA 53.343 kN/m
FASE 17 FORZA 68.016 kN/m

TIRANTE chiodo_7 1 PARETE LeftWall QUOTA -16.500
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 inattivo
FASE 10 inattivo
FASE 11 inattivo
FASE 12 inattivo
FASE 13 inattivo
FASE 14 inattivo
FASE 15 FORZA 0.49977E-05 kN/m
FASE 16 FORZA 67.736 kN/m
FASE 17 FORZA 84.721 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 17
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	2.529	50.00	0.	0.
2	-0.1000	2.140	51.20	0.	0.
3	-0.2000	2.400	52.40	0.	0.
4	-0.3000	3.600	53.60	0.	0.
5	-0.4000	4.800	54.80	0.	0.
6	-0.5000	6.000	56.00	0.	0.
7	-0.6000	7.200	57.20	0.	0.
8	-0.7000	8.400	58.40	0.	0.
9	-0.8000	9.600	59.60	0.	0.
10	-0.9000	10.80	60.80	0.	0.
11	-1.000	12.00	62.00	0.	0.
12	-1.100	13.20	63.20	0.	0.
13	-1.200	14.40	64.40	0.	0.
14	-1.300	15.60	65.60	0.	0.
15	-1.400	16.80	66.80	0.	0.
16	-1.500	18.00	68.00	0.	0.
17	-1.600	19.20	69.20	0.	0.
18	-1.700	20.40	70.40	0.	0.
19	-1.800	21.60	71.60	0.	0.
20	-1.900	22.80	72.80	0.	0.
21	-2.000	24.00	74.00	0.	0.
22	-2.100	25.20	75.20	0.	0.
23	-2.200	26.40	76.40	0.	0.
24	-2.300	27.60	77.60	0.	0.
25	-2.400	28.80	78.80	0.	0.
26	-2.500	30.02	80.00	0.	0.
27	-2.600	31.57	81.20	0.	0.
28	-2.700	32.95	82.40	0.	0.
29	-2.800	34.21	83.46	0.	0.
30	-2.900	35.39	84.45	0.	0.
31	-3.000	36.53	85.43	0.	0.
32	-3.100	37.64	86.42	0.	0.
33	-3.200	38.75	87.40	0.	0.
34	-3.300	39.86	88.39	0.	0.
35	-3.400	40.98	89.38	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.11	90.36	0.	0.
37	-3.600	43.26	91.35	0.	0.
38	-3.700	44.42	92.33	0.	0.
39	-3.800	45.60	93.32	0.	0.
40	-3.900	46.80	94.30	0.	0.
41	-4.000	48.00	95.29	0.	0.
42	-4.100	49.20	96.27	0.	0.
43	-4.200	50.40	97.26	0.	0.
44	-4.300	51.60	98.25	0.	0.
45	-4.400	52.80	99.23	0.	0.
46	-4.500	54.00	100.2	0.	0.
47	-4.600	55.20	101.2	0.	0.
48	-4.700	56.40	102.2	0.	0.
49	-4.800	57.60	103.2	0.	0.
50	-4.900	58.80	104.2	0.	0.
51	-5.000	60.00	105.1	0.	0.
52	-5.100	61.65	106.1	0.	0.
53	-5.200	63.64	107.1	0.	0.
54	-5.300	65.27	108.1	0.	0.
55	-5.400	66.63	109.1	0.	0.
56	-5.500	67.80	110.1	0.	0.
57	-5.600	68.86	111.1	0.	0.
58	-5.700	69.85	112.0	0.	0.
59	-5.800	70.80	113.0	0.	0.
60	-5.900	71.76	114.0	0.	0.
61	-6.000	72.73	115.0	0.	0.
62	-6.100	73.73	116.0	0.	0.
63	-6.200	74.76	117.0	0.	0.
64	-6.300	75.82	118.0	0.	0.
65	-6.400	76.91	118.9	0.	0.
66	-6.500	78.03	119.9	0.	0.
67	-6.600	79.20	120.9	0.	0.
68	-6.700	80.40	121.9	0.	0.
69	-6.800	81.60	122.9	0.	0.
70	-6.900	82.80	123.9	0.	0.
71	-7.000	168.0	134.0	0.	0.
72	-7.100	170.7	135.4	0.	0.
73	-7.200	173.4	136.7	0.	0.
74	-7.300	176.1	138.1	0.	0.
75	-7.400	185.0	139.4	0.	0.
76	-7.500	195.2	140.8	0.	0.
77	-7.600	200.7	142.1	0.	0.
78	-7.700	203.2	143.4	0.	0.
79	-7.800	204.1	144.8	0.	0.
80	-7.900	204.1	146.1	0.	0.
81	-8.000	204.0	147.5	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	204.1	148.9	0.	0.
83	-8.200	204.5	150.2	0.	0.
84	-8.300	205.5	151.6	0.	0.
85	-8.400	206.9	152.9	0.	0.
86	-8.500	208.7	154.2	0.	0.
87	-8.600	211.2	155.6	0.	0.
88	-8.700	213.9	156.9	0.	0.
89	-8.800	216.6	158.3	0.	0.
90	-8.900	219.3	159.6	0.	0.
91	-9.000	222.0	161.0	0.	0.
92	-9.100	224.7	162.4	0.	0.
93	-9.200	227.4	163.7	0.	0.
94	-9.300	230.1	165.1	0.	0.
95	-9.400	232.8	166.4	0.	0.
96	-9.500	235.5	167.8	0.	0.
97	-9.600	238.2	169.1	0.	0.
98	-9.700	240.9	170.4	0.	0.
99	-9.800	243.6	171.8	0.	0.
100	-9.900	246.3	173.1	0.	0.
101	-10.00	250.1	174.5	0.	0.
102	-10.10	256.2	175.9	0.	0.
103	-10.20	260.6	177.2	0.	0.
104	-10.30	263.7	178.6	0.	0.
105	-10.40	266.0	179.9	0.	0.
106	-10.50	267.9	181.1	0.	0.
107	-10.60	269.6	182.2	0.	0.
108	-10.70	271.3	183.3	0.	0.
109	-10.80	273.0	184.4	0.	0.
110	-10.90	274.9	185.5	0.	0.
111	-11.00	276.9	186.6	0.	0.
112	-11.10	279.1	187.7	0.	0.
113	-11.20	281.5	188.7	0.	0.
114	-11.30	284.1	189.8	0.	0.
115	-11.40	286.8	190.9	0.	0.
116	-11.50	289.5	192.0	0.	0.
117	-11.60	292.2	193.1	0.	0.
118	-11.70	294.9	194.2	0.	0.
119	-11.80	297.6	195.3	0.	0.
120	-11.90	300.3	196.3	0.	0.
121	-12.00	303.0	197.4	0.	0.
122	-12.10	305.7	198.5	0.	0.
123	-12.20	308.4	199.6	0.	0.
124	-12.30	311.1	200.7	0.	0.
125	-12.40	313.8	201.8	0.	0.
126	-12.50	316.5	202.9	0.	0.
127	-12.60	322.2	203.9	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	328.1	205.0	0.	0.
129	-12.80	332.2	206.1	0.	0.
130	-12.90	335.2	207.2	0.	0.
131	-13.00	337.4	208.3	0.	0.
132	-13.10	339.1	209.4	0.	0.
133	-13.20	340.7	210.5	0.	0.
134	-13.30	342.2	211.5	0.	0.
135	-13.40	343.8	212.6	0.	0.
136	-13.50	345.6	213.7	0.	0.
137	-13.60	347.5	214.8	0.	0.
138	-13.70	349.6	215.9	0.	0.
139	-13.80	351.9	217.0	0.	0.
140	-13.90	354.3	218.1	0.	0.
141	-14.00	357.0	219.1	0.	0.
142	-14.10	359.7	220.2	0.	0.
143	-14.20	362.4	221.3	0.	0.
144	-14.30	365.1	222.4	0.	0.
145	-14.40	367.8	223.5	0.	0.
146	-14.50	370.5	224.6	0.	0.
147	-14.60	373.2	225.7	0.	0.
148	-14.70	375.9	226.7	0.	0.
149	-14.80	378.6	227.8	0.	0.
150	-14.90	381.3	228.9	0.	0.
151	-15.00	391.8	230.0	0.	0.
152	-15.10	401.6	231.1	0.	0.
153	-15.20	407.6	232.2	0.	0.
154	-15.30	410.9	233.3	0.	0.
155	-15.40	412.4	234.3	0.	0.
156	-15.50	412.9	235.4	0.	0.
157	-15.60	412.9	236.5	0.	0.
158	-15.70	412.9	237.6	0.	0.
159	-15.80	413.0	238.7	0.	0.
160	-15.90	413.5	239.8	0.	0.
161	-16.00	414.4	240.8	0.	0.
162	-16.10	415.6	241.9	0.	0.
163	-16.20	417.1	243.0	0.	0.
164	-16.30	419.1	244.1	0.	0.
165	-16.40	421.8	245.2	0.	0.
166	-16.50	424.5	246.3	0.	0.
167	-16.60	427.2	247.4	0.	0.
168	-16.70	429.9	248.4	0.	0.
169	-16.80	432.6	249.5	0.	0.
170	-16.90	435.3	250.6	0.	0.
171	-17.00	438.0	251.7	0.	0.
172	-17.10	440.7	252.8	0.	0.
173	-17.20	443.4	253.9	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	446.1	255.0	0.	0.
175	-17.40	448.8	256.0	0.	0.
176	-17.50	470.6	257.1	0.	0.
177	-17.60	486.5	258.2	0.	0.
178	-17.70	494.5	259.3	0.	0.
179	-17.80	497.3	260.4	0.	0.
180	-17.90	496.8	261.5	0.	0.
181	-18.00	494.5	262.6	0.	0.
182	-18.10	491.5	263.6	0.	0.
183	-18.20	488.6	264.7	0.	0.
184	-18.30	486.2	265.8	0.	0.
185	-18.40	484.6	266.9	0.	0.
186	-18.50	483.8	268.0	0.	0.
187	-18.60	483.9	269.1	0.	0.
188	-18.70	484.6	270.1	0.	0.
189	-18.80	486.6	271.2	0.	0.
190	-18.90	489.3	272.3	0.	0.
191	-19.00	492.0	273.4	0.	0.
192	-19.10	494.7	274.4	0.	0.
193	-19.20	497.4	275.5	0.	0.
194	-19.30	500.1	276.6	0.	0.
195	-19.40	502.8	277.7	0.	0.
196	-19.50	505.5	278.8	0.	0.
197	-19.60	508.2	279.9	0.	0.
198	-19.70	510.9	274.0	0.	0.
199	-19.80	513.6	177.2	0.	0.
200	-19.90	516.3	107.7	0.	0.
201	-20.00	519.0	63.71	0.	0.
202	-20.10	553.4	50.00	0.	0.
203	-20.20	576.8	50.00	0.	0.
204	-20.30	590.1	50.00	0.	0.
205	-20.40	592.5	50.00	0.	0.
206	-20.50	589.0	50.00	0.	0.
207	-20.60	582.7	50.00	0.	0.
208	-20.70	575.4	50.00	0.	0.
209	-20.80	568.5	50.00	0.	0.
210	-20.90	562.7	50.00	0.	0.
211	-21.00	558.4	50.00	0.	0.
212	-21.10	555.6	50.00	0.	0.
213	-21.20	554.3	50.00	0.	0.
214	-21.30	554.1	50.37	0.	0.
215	-21.40	556.8	51.16	0.	0.
216	-21.50	559.5	51.81	0.	0.
217	-21.60	562.2	52.05	0.	0.
218	-21.70	564.9	52.00	0.	0.
219	-21.80	567.6	51.79	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
220	-21.90	570.3	51.49	0.	0.
221	-22.00	573.0	51.16	0.	0.
222	-22.10	575.7	50.85	0.	0.
223	-22.20	578.4	50.59	0.	0.
224	-22.30	581.1	50.37	0.	0.
225	-22.40	583.8	50.20	0.	0.
226	-22.50	586.5	50.08	0.	0.
227	-22.60	589.2	50.01	0.	0.
228	-22.70	592.0	50.00	0.	0.
229	-22.80	594.7	50.00	0.	0.
230	-22.90	597.4	50.00	0.	0.
231	-23.00	600.1	50.00	0.	0.
232	-23.10	602.8	50.00	0.	0.
233	-23.20	605.5	50.00	0.	0.
234	-23.30	608.2	50.00	0.	0.
235	-23.40	610.8	50.00	0.	0.
236	-23.50	613.5	50.00	0.	0.
237	-23.60	616.2	50.00	0.	0.
238	-23.70	618.9	50.00	0.	0.
239	-23.80	621.6	50.00	0.	0.
240	-23.90	624.3	50.00	0.	0.
241	-24.00	627.0	50.00	0.	0.
242	-24.10	629.7	50.00	0.	0.
243	-24.20	632.4	50.00	0.	0.
244	-24.30	635.1	50.00	0.	0.
245	-24.40	637.8	50.00	0.	0.
246	-24.50	640.5	50.00	0.	0.
247	-24.60	643.2	50.00	0.	0.
248	-24.70	645.9	50.00	0.	0.
249	-24.80	648.6	50.00	0.	0.
250	-24.90	651.3	50.00	0.	0.
251	-25.00	654.0	50.00	0.	0.
252	-25.10	656.7	50.00	0.	0.
253	-25.20	659.4	50.00	0.	0.
254	-25.30	662.1	50.00	0.	0.
255	-25.40	664.8	50.00	0.	0.
256	-25.50	667.5	50.00	0.	0.
257	-25.60	670.2	50.00	0.	0.
258	-25.70	672.9	50.00	0.	0.
259	-25.80	675.6	50.00	0.	0.
260	-25.90	678.3	50.00	0.	0.
261	-26.00	681.0	50.00	0.	0.
262	-26.10	683.7	50.00	0.	0.
263	-26.20	686.4	50.00	0.	0.
264	-26.30	689.1	50.00	0.	0.
265	-26.40	691.8	50.00	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
266	-26.50	694.5	50.00	0.	0.
267	-26.60	697.2	50.00	0.	0.
268	-26.70	699.9	50.00	0.	0.
269	-26.80	702.6	50.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 17
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	1.200	0.6000	0.	0.
3	-0.2000	2.400	1.200	0.	0.
4	-0.3000	3.600	1.800	0.	0.
5	-0.4000	4.800	2.400	0.	0.
6	-0.5000	6.000	3.000	0.	0.
7	-0.6000	7.200	3.600	0.	0.
8	-0.7000	8.400	4.200	0.	0.
9	-0.8000	9.600	4.800	0.	0.
10	-0.9000	10.80	5.400	0.	0.
11	-1.000	12.00	6.000	0.	0.
12	-1.100	13.20	6.600	0.	0.
13	-1.200	14.40	7.200	0.	0.
14	-1.300	15.60	7.800	0.	0.
15	-1.400	16.80	8.400	0.	0.
16	-1.500	18.00	9.000	0.	0.
17	-1.600	19.20	9.600	0.	0.
18	-1.700	20.40	10.20	0.	0.
19	-1.800	21.60	10.80	0.	0.
20	-1.900	22.80	11.40	0.	0.
21	-2.000	26.50	13.25	0.	0.
22	-2.100	26.86	12.60	0.	0.
23	-2.200	27.38	13.20	0.	0.
24	-2.300	28.08	13.80	0.	0.
25	-2.400	28.92	14.40	0.	0.
26	-2.500	30.00	15.00	0.	0.
27	-2.600	31.20	15.60	0.	0.
28	-2.700	32.40	16.20	0.	0.
29	-2.800	33.60	16.80	0.	0.
30	-2.900	34.80	17.40	0.	0.
31	-3.000	36.00	18.00	0.	0.
32	-3.100	37.20	18.60	0.	0.
33	-3.200	38.40	19.20	0.	0.
34	-3.300	39.60	19.80	0.	0.
35	-3.400	40.80	20.40	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	21.00	0.	0.
37	-3.600	43.20	21.60	0.	0.
38	-3.700	44.40	22.20	0.	0.
39	-3.800	45.60	22.80	0.	0.
40	-3.900	46.80	23.40	0.	0.
41	-4.000	48.01	24.00	0.	0.
42	-4.100	49.21	24.60	0.	0.
43	-4.200	50.41	25.20	0.	0.
44	-4.300	51.61	25.80	0.	0.
45	-4.400	52.81	26.40	0.	0.
46	-4.500	61.40	30.70	0.	0.
47	-4.600	60.55	29.08	0.	0.
48	-4.700	60.02	28.20	0.	0.
49	-4.800	59.77	28.80	0.	0.
50	-4.900	59.79	29.40	0.	0.
51	-5.000	60.15	30.00	0.	0.
52	-5.100	61.20	30.60	0.	0.
53	-5.200	62.40	31.20	0.	0.
54	-5.300	63.60	31.80	0.	0.
55	-5.400	64.80	32.40	0.	0.
56	-5.500	66.00	33.00	0.	0.
57	-5.600	67.20	33.60	0.	0.
58	-5.700	68.40	34.20	0.	0.
59	-5.800	69.60	34.80	0.	0.
60	-5.900	70.80	35.40	0.	0.
61	-6.000	72.00	36.00	0.	0.
62	-6.100	73.20	36.60	0.	0.
63	-6.200	74.40	37.20	0.	0.
64	-6.300	75.60	37.80	0.	0.
65	-6.400	76.80	38.40	0.	0.
66	-6.500	78.00	39.00	0.	0.
67	-6.600	79.20	39.60	0.	0.
68	-6.700	80.41	40.20	0.	0.
69	-6.800	81.62	40.80	0.	0.
70	-6.900	82.82	41.40	0.	0.
71	-7.000	217.0	108.5	0.	0.
72	-7.100	199.5	98.40	0.	0.
73	-7.200	187.1	90.87	0.	0.
74	-7.300	178.8	85.34	0.	0.
75	-7.400	178.8	81.38	0.	0.
76	-7.500	181.5	79.12	0.	0.
77	-7.600	184.2	78.12	0.	0.
78	-7.700	186.9	78.17	0.	0.
79	-7.800	189.6	78.83	0.	0.
80	-7.900	192.3	79.78	0.	0.
81	-8.000	195.0	80.79	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	197.7	81.73	0.	0.
83	-8.200	200.4	82.53	0.	0.
84	-8.300	203.1	83.16	0.	0.
85	-8.400	205.8	83.61	0.	0.
86	-8.500	208.5	83.92	0.	0.
87	-8.600	211.3	84.07	0.	0.
88	-8.700	214.2	84.13	0.	0.
89	-8.800	216.9	84.16	0.	0.
90	-8.900	219.6	84.15	0.	0.
91	-9.000	222.3	84.13	0.	0.
92	-9.100	224.9	84.10	0.	0.
93	-9.200	227.6	84.08	0.	0.
94	-9.300	230.2	84.05	0.	0.
95	-9.400	232.9	84.03	0.	0.
96	-9.500	264.1	132.0	0.	0.
97	-9.600	257.0	127.1	0.	0.
98	-9.700	251.9	123.2	0.	0.
99	-9.800	248.8	120.3	0.	0.
100	-9.900	247.5	118.3	0.	0.
101	-10.00	249.0	117.0	0.	0.
102	-10.10	251.7	116.1	0.	0.
103	-10.20	254.4	115.5	0.	0.
104	-10.30	257.1	115.4	0.	0.
105	-10.40	259.8	115.5	0.	0.
106	-10.50	262.5	115.8	0.	0.
107	-10.60	265.2	116.2	0.	0.
108	-10.70	267.9	116.5	0.	0.
109	-10.80	270.6	116.9	0.	0.
110	-10.90	273.3	117.2	0.	0.
111	-11.00	276.0	117.4	0.	0.
112	-11.10	278.7	117.6	0.	0.
113	-11.20	281.4	117.7	0.	0.
114	-11.30	284.1	117.8	0.	0.
115	-11.40	286.9	117.8	0.	0.
116	-11.50	289.6	117.8	0.	0.
117	-11.60	292.3	117.8	0.	0.
118	-11.70	295.0	117.8	0.	0.
119	-11.80	297.7	117.8	0.	0.
120	-11.90	300.4	117.8	0.	0.
121	-12.00	341.6	170.8	0.	0.
122	-12.10	332.9	165.1	0.	0.
123	-12.20	326.0	160.3	0.	0.
124	-12.30	321.1	156.5	0.	0.
125	-12.40	318.2	153.7	0.	0.
126	-12.50	317.0	151.8	0.	0.
127	-12.60	319.2	150.4	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	321.9	149.3	0.	0.
129	-12.80	324.6	148.8	0.	0.
130	-12.90	327.3	148.7	0.	0.
131	-13.00	330.0	148.9	0.	0.
132	-13.10	332.7	149.2	0.	0.
133	-13.20	335.4	149.6	0.	0.
134	-13.30	338.1	150.0	0.	0.
135	-13.40	340.8	150.4	0.	0.
136	-13.50	343.5	150.8	0.	0.
137	-13.60	346.2	151.0	0.	0.
138	-13.70	348.9	151.2	0.	0.
139	-13.80	351.6	151.4	0.	0.
140	-13.90	354.3	151.5	0.	0.
141	-14.00	357.1	151.5	0.	0.
142	-14.10	359.8	151.6	0.	0.
143	-14.20	362.5	151.6	0.	0.
144	-14.30	365.2	151.6	0.	0.
145	-14.40	367.9	151.6	0.	0.
146	-14.50	438.0	219.0	0.	0.
147	-14.60	417.4	207.4	0.	0.
148	-14.70	401.5	198.0	0.	0.
149	-14.80	388.3	190.1	0.	0.
150	-14.90	381.3	184.6	0.	0.
151	-15.00	384.0	181.3	0.	0.
152	-15.10	386.7	179.4	0.	0.
153	-15.20	389.4	178.2	0.	0.
154	-15.30	392.1	177.9	0.	0.
155	-15.40	394.8	178.4	0.	0.
156	-15.50	397.5	179.3	0.	0.
157	-15.60	400.2	180.3	0.	0.
158	-15.70	402.9	181.4	0.	0.
159	-15.80	405.6	182.4	0.	0.
160	-15.90	408.3	183.2	0.	0.
161	-16.00	411.0	183.9	0.	0.
162	-16.10	413.7	184.5	0.	0.
163	-16.20	416.4	184.9	0.	0.
164	-16.30	419.1	185.2	0.	0.
165	-16.40	422.0	185.3	0.	0.
166	-16.50	424.8	185.4	0.	0.
167	-16.60	427.6	185.4	0.	0.
168	-16.70	430.3	185.4	0.	0.
169	-16.80	432.9	185.4	0.	0.
170	-16.90	435.6	185.4	0.	0.
171	-17.00	483.0	241.5	0.	0.
172	-17.10	507.6	252.4	0.	0.
173	-17.20	504.6	249.6	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	472.7	232.3	0.	0.
175	-17.40	448.9	217.8	0.	0.
176	-17.50	451.5	208.4	0.	0.
177	-17.60	454.2	203.2	0.	0.
178	-17.70	456.9	200.6	0.	0.
179	-17.80	459.6	200.6	0.	0.
180	-17.90	462.3	202.2	0.	0.
181	-18.00	465.0	204.6	0.	0.
182	-18.10	467.7	207.4	0.	0.
183	-18.20	470.4	210.1	0.	0.
184	-18.30	473.1	212.6	0.	0.
185	-18.40	475.8	214.7	0.	0.
186	-18.50	478.5	216.4	0.	0.
187	-18.60	481.2	217.7	0.	0.
188	-18.70	483.9	218.6	0.	0.
189	-18.80	486.8	219.1	0.	0.
190	-18.90	490.0	219.4	0.	0.
191	-19.00	493.0	219.5	0.	0.
192	-19.10	495.7	219.5	0.	0.
193	-19.20	498.4	219.5	0.	0.
194	-19.30	500.9	219.4	0.	0.
195	-19.40	503.5	219.3	0.	0.
196	-19.50	506.0	241.5	0.	0.
197	-19.60	508.6	252.4	0.	0.
198	-19.70	532.1	263.4	0.	0.
199	-19.80	556.7	274.3	0.	0.
200	-19.90	581.1	285.1	0.	0.
201	-20.00	525.1	255.8	0.	0.
202	-20.10	521.7	231.2	0.	0.
203	-20.20	524.4	220.8	0.	0.
204	-20.30	527.1	219.0	0.	0.
205	-20.40	529.8	219.2	0.	0.
206	-20.50	532.5	223.2	0.	0.
207	-20.60	535.2	228.4	0.	0.
208	-20.70	537.9	233.8	0.	0.
209	-20.80	540.6	238.9	0.	0.
210	-20.90	543.3	243.3	0.	0.
211	-21.00	546.0	246.9	0.	0.
212	-21.10	548.7	249.7	0.	0.
213	-21.20	551.4	251.6	0.	0.
214	-21.30	554.1	252.7	0.	0.
215	-21.40	558.1	253.4	0.	0.
216	-21.50	561.5	253.8	0.	0.
217	-21.60	564.6	253.9	0.	0.
218	-21.70	567.2	253.9	0.	0.
219	-21.80	569.7	253.8	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
220	-21.90	572.0	253.6	0.	0.
221	-22.00	574.4	253.4	0.	0.
222	-22.10	576.7	253.2	0.	0.
223	-22.20	579.1	253.1	0.	0.
224	-22.30	581.5	253.0	0.	0.
225	-22.40	584.0	252.9	0.	0.
226	-22.50	586.6	252.8	0.	0.
227	-22.60	589.2	252.7	0.	0.
228	-22.70	591.9	252.7	0.	0.
229	-22.80	594.6	252.7	0.	0.
230	-22.90	597.3	252.7	0.	0.
231	-23.00	600.0	252.7	0.	0.
232	-23.10	602.7	252.7	0.	0.
233	-23.20	605.4	252.7	0.	0.
234	-23.30	608.1	252.7	0.	0.
235	-23.40	610.8	252.7	0.	0.
236	-23.50	613.5	252.7	0.	0.
237	-23.60	616.2	252.7	0.	0.
238	-23.70	618.9	252.7	0.	0.
239	-23.80	621.6	252.7	0.	0.
240	-23.90	624.3	252.8	0.	0.
241	-24.00	627.0	252.8	0.	0.
242	-24.10	629.7	252.8	0.	0.
243	-24.20	632.4	252.8	0.	0.
244	-24.30	635.1	252.8	0.	0.
245	-24.40	637.8	252.8	0.	0.
246	-24.50	640.5	252.8	0.	0.
247	-24.60	643.2	252.8	0.	0.
248	-24.70	645.9	252.8	0.	0.
249	-24.80	648.6	252.8	0.	0.
250	-24.90	651.3	252.8	0.	0.
251	-25.00	654.0	252.8	0.	0.
252	-25.10	656.7	252.8	0.	0.
253	-25.20	659.4	252.7	0.	0.
254	-25.30	662.1	252.7	0.	0.
255	-25.40	664.8	252.7	0.	0.
256	-25.50	667.5	252.7	0.	0.
257	-25.60	670.2	252.7	0.	0.
258	-25.70	672.9	252.7	0.	0.
259	-25.80	675.6	252.7	0.	0.
260	-25.90	678.3	252.7	0.	0.
261	-26.00	681.0	252.7	0.	0.
262	-26.10	683.7	252.7	0.	0.
263	-26.20	686.4	252.7	0.	0.
264	-26.30	689.1	252.7	0.	0.
265	-26.40	691.8	252.8	0.	0.

History 0 - Paratia 1 Sez_F - H = 19.5 m 7 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
266	-26.50	694.5	252.8	0.	0.
267	-26.60	697.2	252.8	0.	0.
268	-26.70	699.9	252.8	0.	0.
269	-26.80	702.6	252.8	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8917.1	8917.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8917.1	8917.1
SPINTA ATTIVA (POSSIBILE)	422.28	422.28
SPINTA PASSIVA (POSSIBILE)	96247.	96247.
RAPPORTO PASSIVA/VERA	10.794	10.794
SPINTA PASSIVA MOBILITATA	9.%	9.%
RAPPORTO VERA/ATTIVA	21.116	21.116

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8894.6	8894.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8894.6	8894.6
SPINTA ATTIVA (POSSIBILE)	744.21	311.81
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	83950.
RAPPORTO PASSIVA/VERA	13.719	9.4383
SPINTA PASSIVA MOBILITATA	7.%	11.%
RAPPORTO VERA/ATTIVA	11.952	28.526

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8894.6	8894.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8894.6	8894.6
SPINTA ATTIVA (POSSIBILE)	744.21	311.81
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	83950.
RAPPORTO PASSIVA/VERA	13.719	9.4383
SPINTA PASSIVA MOBILITATA	7.%	11.%
RAPPORTO VERA/ATTIVA	11.952	28.526

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8801.2	8799.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8801.2	8799.4
SPINTA ATTIVA (POSSIBILE)	744.21	197.23
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	70058.
RAPPORTO PASSIVA/VERA	13.865	7.9616
SPINTA PASSIVA MOBILITATA	7.%	13.%
RAPPORTO VERA/ATTIVA	11.826	44.614

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8801.2	8799.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8801.2	8799.4
SPINTA ATTIVA (POSSIBILE)	744.21	197.23
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	70058.
RAPPORTO PASSIVA/VERA	13.865	7.9616
SPINTA PASSIVA MOBILITATA	7.%	13.%
RAPPORTO VERA/ATTIVA	11.826	44.614

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8647.7	8629.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8647.7	8629.6
SPINTA ATTIVA (POSSIBILE)	744.21	108.78
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	57824.
RAPPORTO PASSIVA/VERA	14.111	6.7007
SPINTA PASSIVA MOBILITATA	7.%	15.%
RAPPORTO VERA/ATTIVA	11.620	79.331

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8647.6	8629.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8647.6	8629.6
SPINTA ATTIVA (POSSIBILE)	744.21	108.78
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	57824.
RAPPORTO PASSIVA/VERA	14.111	6.7007
SPINTA PASSIVA MOBILITATA	7.%	15.%
RAPPORTO VERA/ATTIVA	11.620	79.331

FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8170.7	8129.7
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8170.7	8129.7
SPINTA ATTIVA (POSSIBILE)	744.21	40.498
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	45205.
RAPPORTO PASSIVA/VERA	14.935	5.5605
SPINTA PASSIVA MOBILITATA	7.%	18.%
RAPPORTO VERA/ATTIVA	10.979	200.75

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	8170.7	8129.7
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	8170.7	8129.7
SPINTA ATTIVA (POSSIBILE)	744.21	40.498
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	45205.
RAPPORTO PASSIVA/VERA	14.935	5.5605
SPINTA PASSIVA MOBILITATA	7.%	18.%
RAPPORTO VERA/ATTIVA	10.979	200.75

FASE 10 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7506.2	7462.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7506.2	7462.5
SPINTA ATTIVA (POSSIBILE)	744.21	5.2816
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	34123.
RAPPORTO PASSIVA/VERA	16.257	4.5726
SPINTA PASSIVA MOBILITATA	6.%	22.%
RAPPORTO VERA/ATTIVA	10.086	1412.9

FASE 11 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	7506.2	7462.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	7506.2	7462.5
SPINTA ATTIVA (POSSIBILE)	744.21	5.2816
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	34123.
RAPPORTO PASSIVA/VERA	16.257	4.5726
SPINTA PASSIVA MOBILITATA	6.%	22.%
RAPPORTO VERA/ATTIVA	10.086	1412.9

FASE 12 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6678.8	6622.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6678.8	6622.3
SPINTA ATTIVA (POSSIBILE)	744.21	0.
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	24580.
RAPPORTO PASSIVA/VERA	18.271	3.7117
SPINTA PASSIVA MOBILITATA	5.%	27.%
RAPPORTO VERA/ATTIVA	8.9744	0.10000E+06

FASE 13 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	6678.8	6622.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	6678.8	6622.3
SPINTA ATTIVA (POSSIBILE)	744.21	0.
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	24580.
RAPPORTO PASSIVA/VERA	18.271	3.7117
SPINTA PASSIVA MOBILITATA	5.%	27.%
RAPPORTO VERA/ATTIVA	8.9744	0.10000E+06

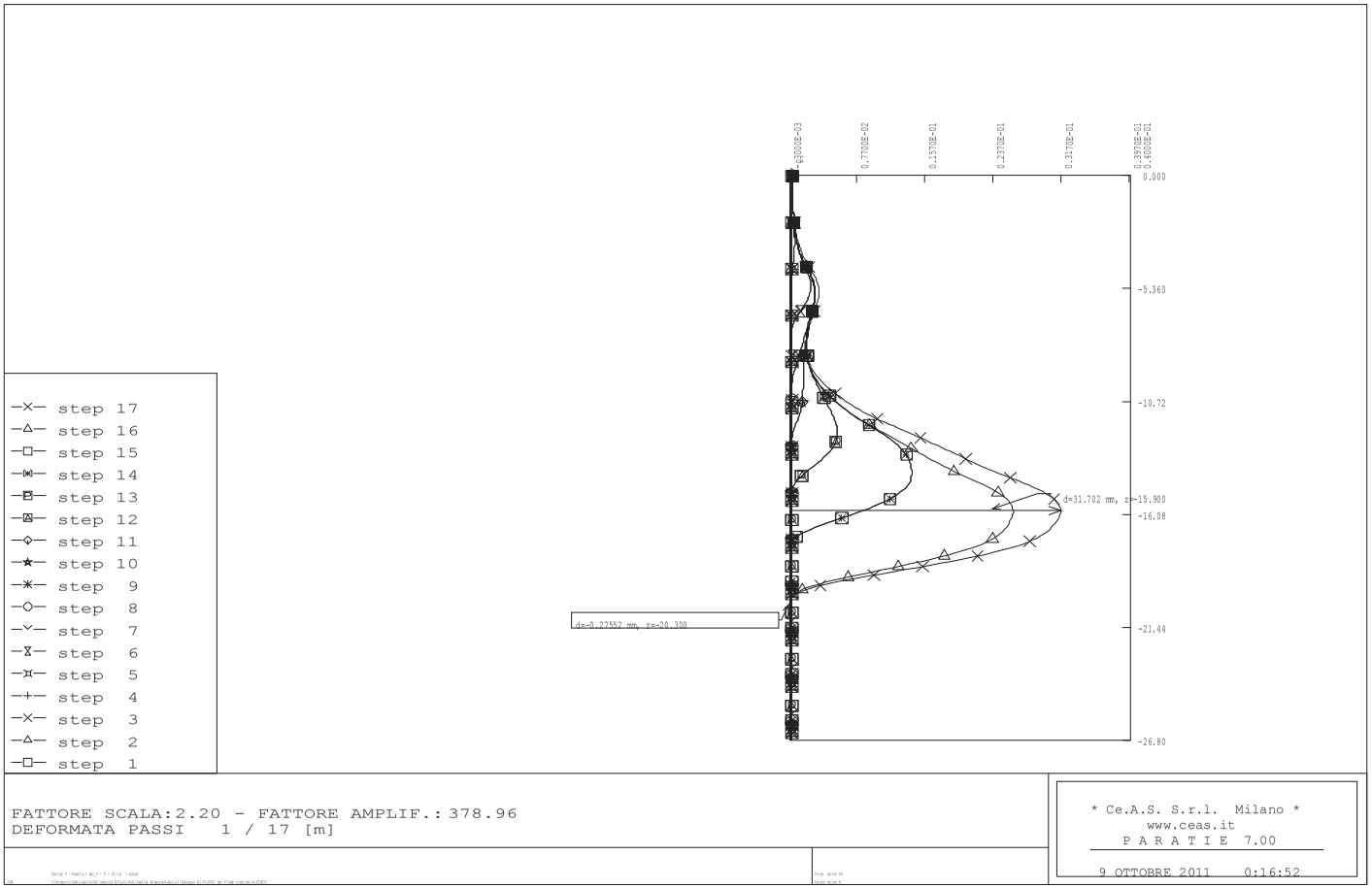
FASE 14 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	5707.8	5605.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	5707.8	5605.2
SPINTA ATTIVA (POSSIBILE)	744.21	0.
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	16575.
RAPPORTO PASSIVA/VERA	21.379	2.9570
SPINTA PASSIVA MOBILITATA	5.%	34.%
RAPPORTO VERA/ATTIVA	7.6696	0.10000E+06

FASE 15 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	5707.7	5605.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	5707.7	5605.2
SPINTA ATTIVA (POSSIBILE)	744.21	0.
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	16575.
RAPPORTO PASSIVA/VERA	21.379	2.9570
SPINTA PASSIVA MOBILITATA	5.%	34.%
RAPPORTO VERA/ATTIVA	7.6695	0.10000E+06

FASE 16 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	4582.3	4396.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	4582.3	4396.9
SPINTA ATTIVA (POSSIBILE)	744.21	0.
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	10107.
RAPPORTO PASSIVA/VERA	26.630	2.2986
SPINTA PASSIVA MOBILITATA	4.%	44.%
RAPPORTO VERA/ATTIVA	6.1572	0.10000E+06

FASE 17 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	4623.4	4391.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	4623.4	4391.8
SPINTA ATTIVA (POSSIBILE)	889.73	0.
SPINTA PASSIVA (POSSIBILE)	0.12203E+06	10107.
RAPPORTO PASSIVA/VERA	26.394	2.3013
SPINTA PASSIVA MOBILITATA	4.%	43.%
RAPPORTO VERA/ATTIVA	5.1963	0.10000E+06

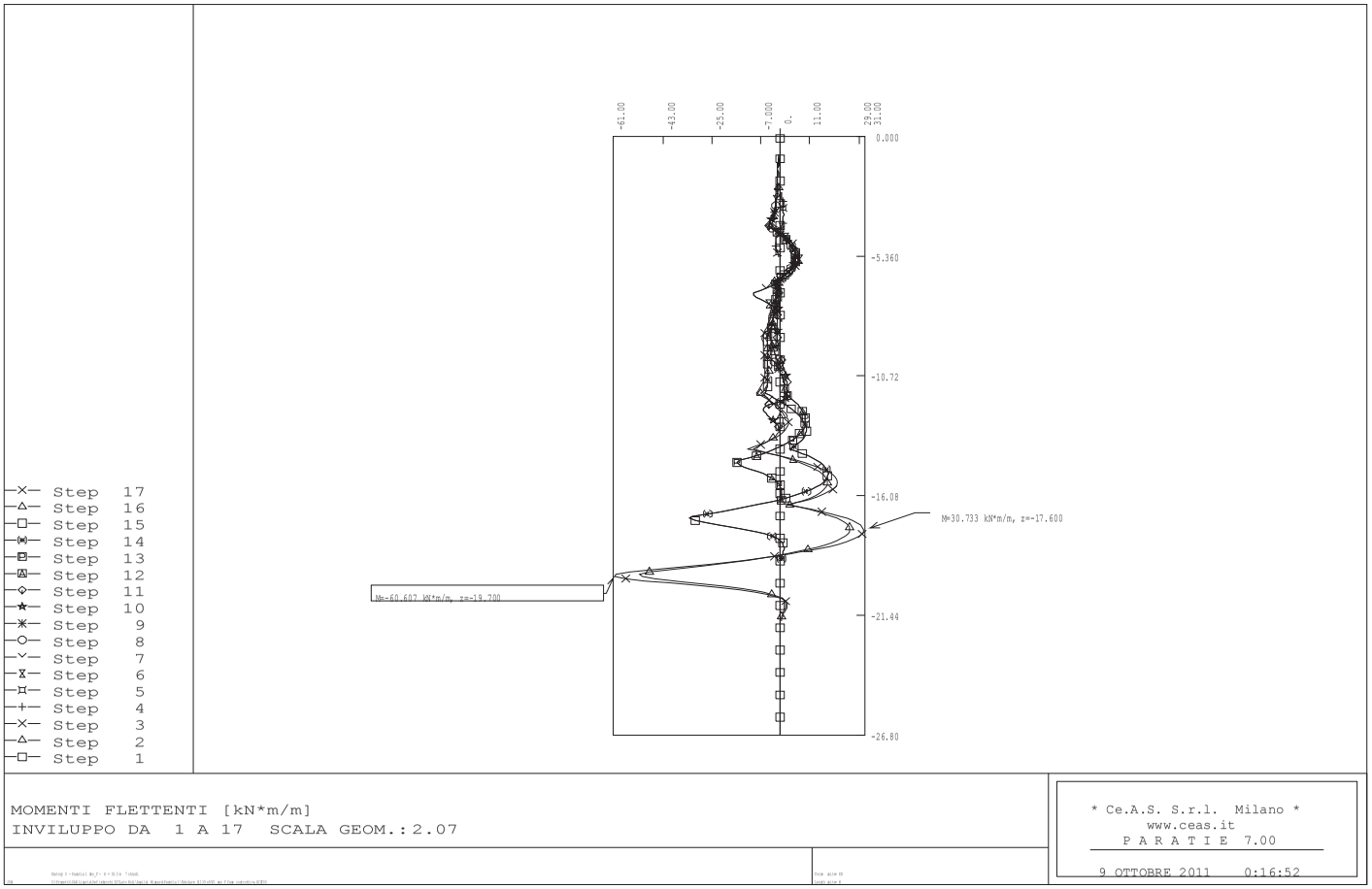
OUTPUT PLOTS:



FATTORE SCALA:2.20 - FATTORE AMPLIF.:378.96
DEFORMATA PASSI 1 / 17 [m]

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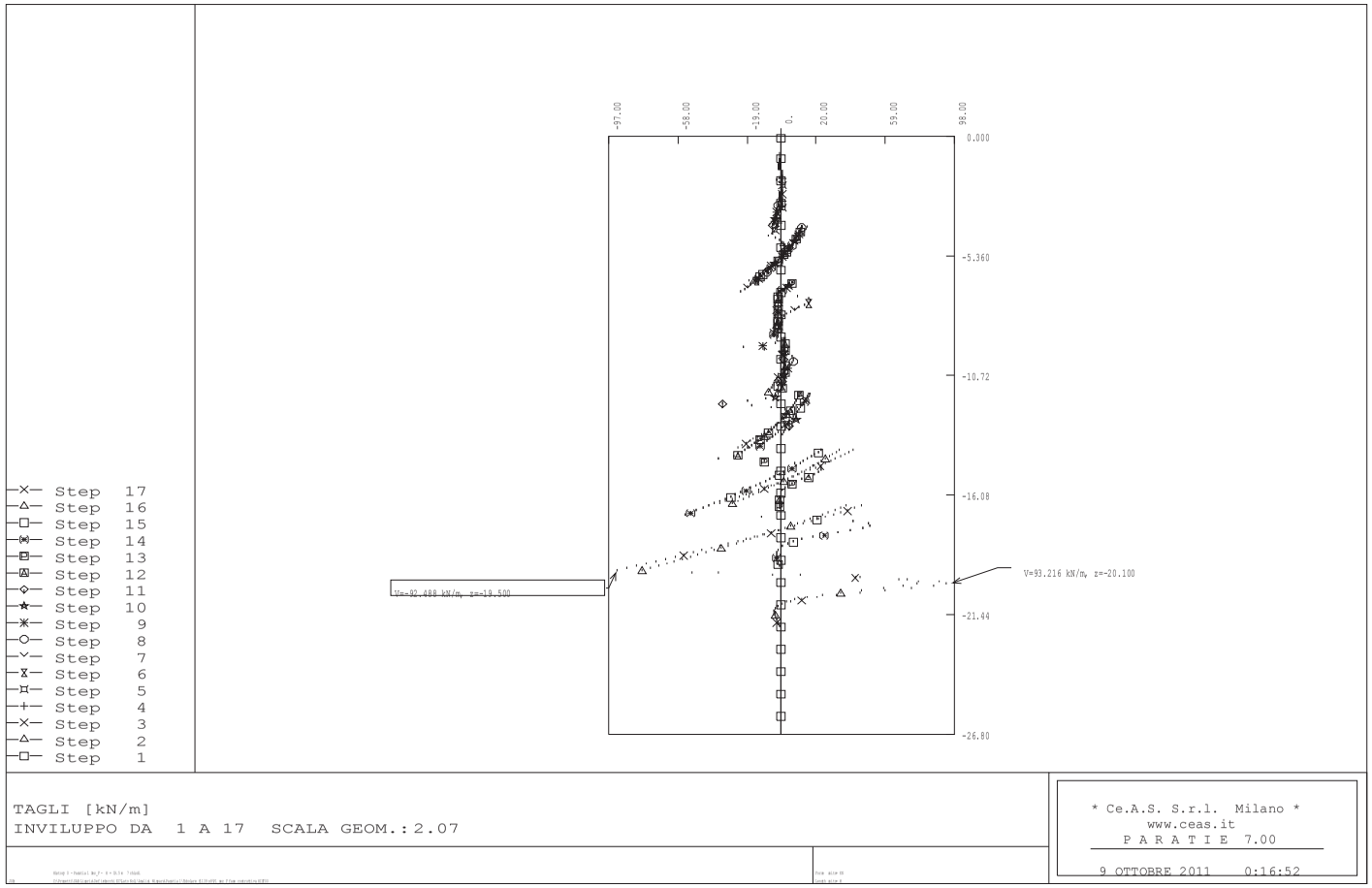
9 OTTOBRE 2011 0:16:52



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 17 SCALA GEOM.: 2.07

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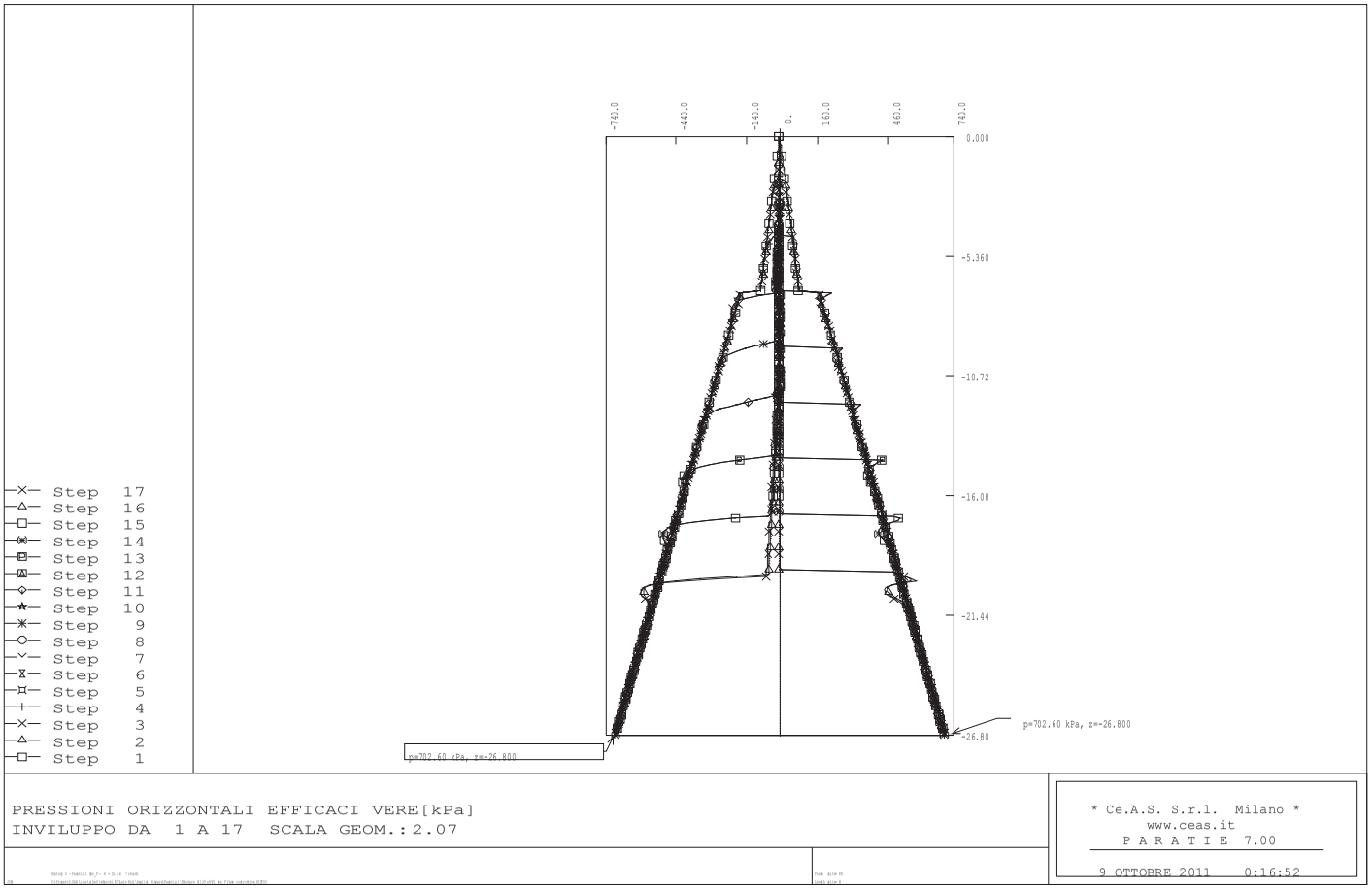
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TAGLI [kN/m]
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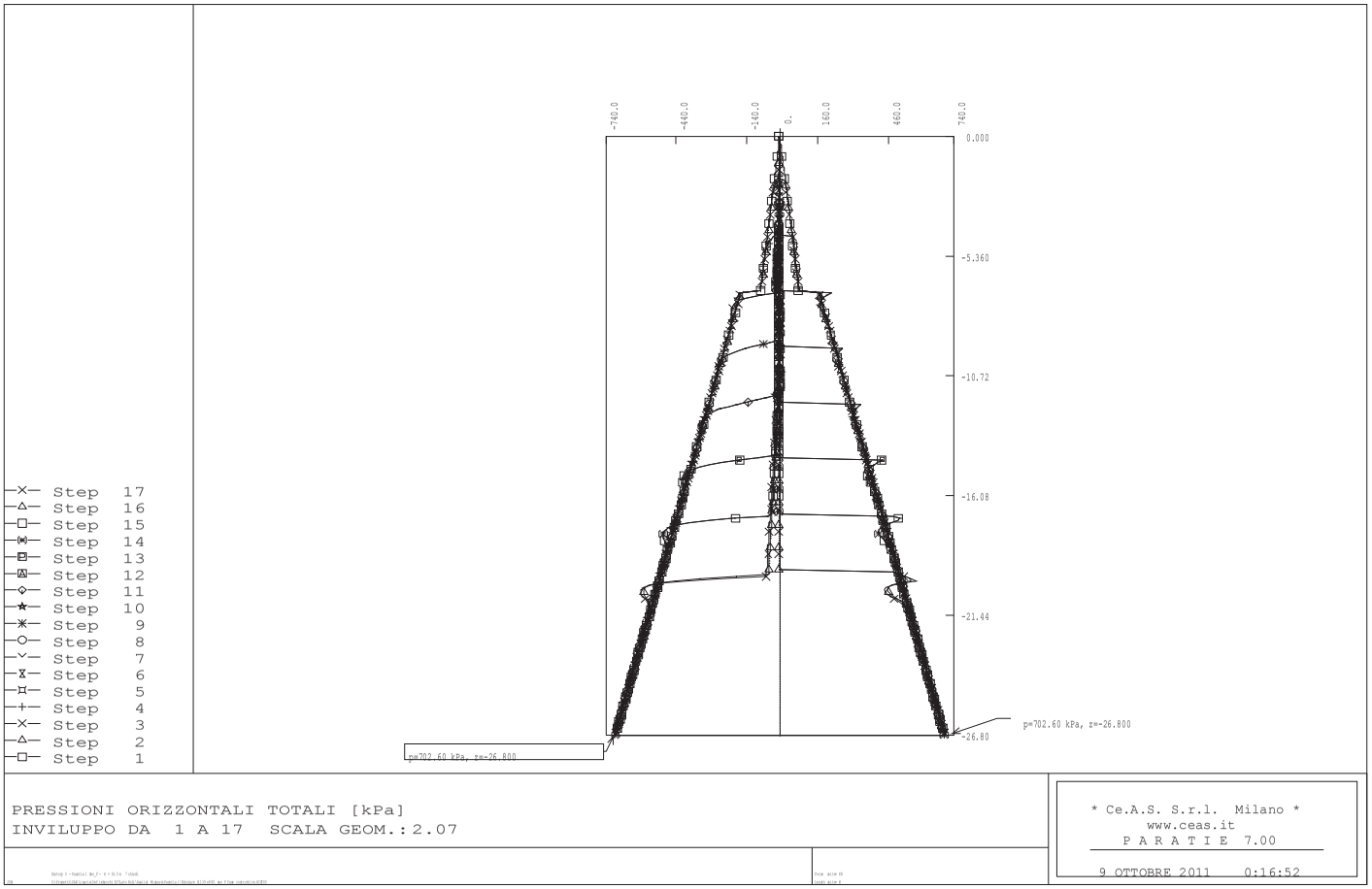
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PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 17 SCALA GEOM.:2.07

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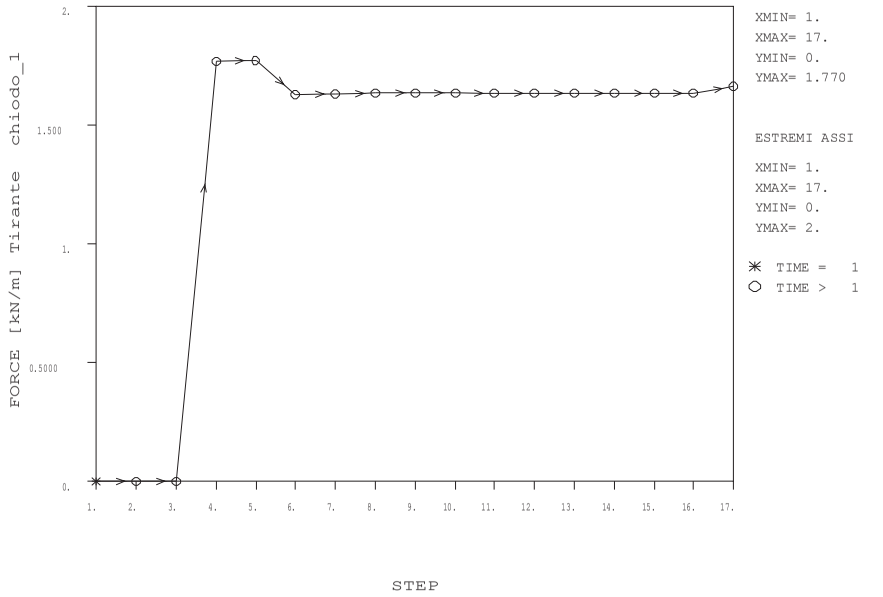
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 17 SCALA GEOM.: 2.07

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.1094E-04
4.	1.768
5.	1.770
6.	1.628
7.	1.630
8.	1.635
9.	1.635
10.	1.634
11.	1.634
12.	1.634
13.	1.634
14.	1.634
15.	1.634
16.	1.634
17.	1.662



DAL PASSO 1 AL PASSO 17

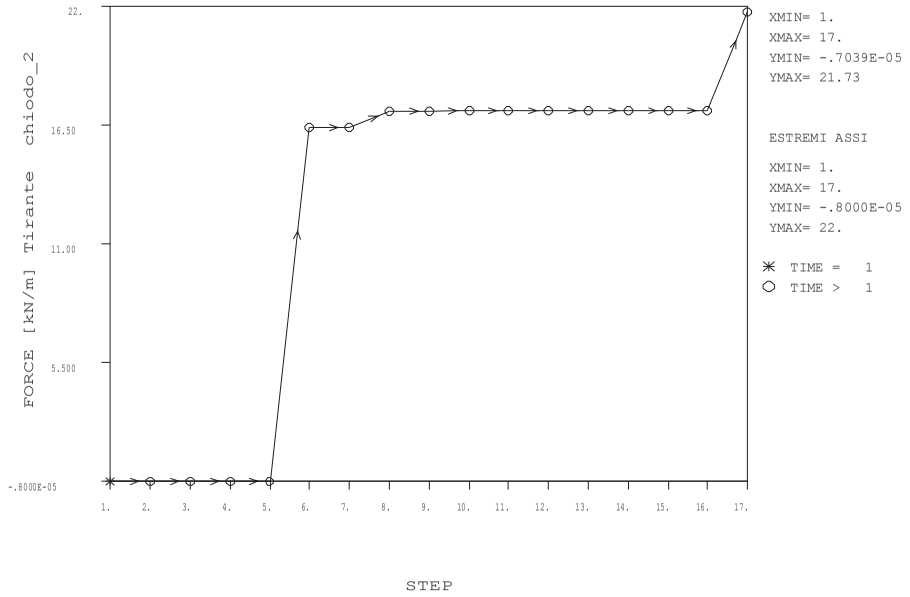
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.7039E-05
6.	16.38
7.	16.38
8.	17.14
9.	17.14
10.	17.16
11.	17.16
12.	17.16
13.	17.16
14.	17.16
15.	17.16
16.	17.16
17.	21.73



DAL PASSO 1 AL PASSO 17

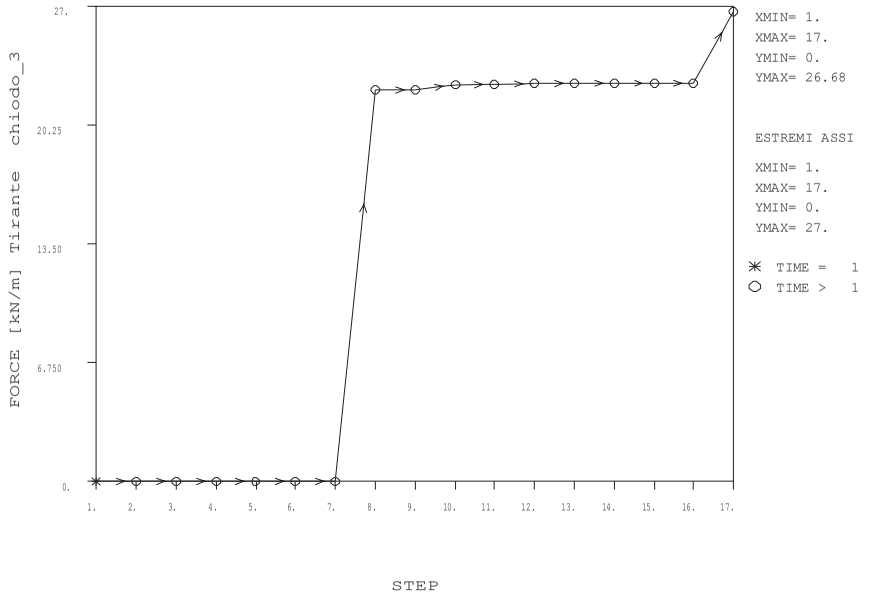
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.2453E-02
8.	22.24
9.	22.24
10.	22.53
11.	22.56
12.	22.61
13.	22.61
14.	22.62
15.	22.62
16.	22.62
17.	26.68

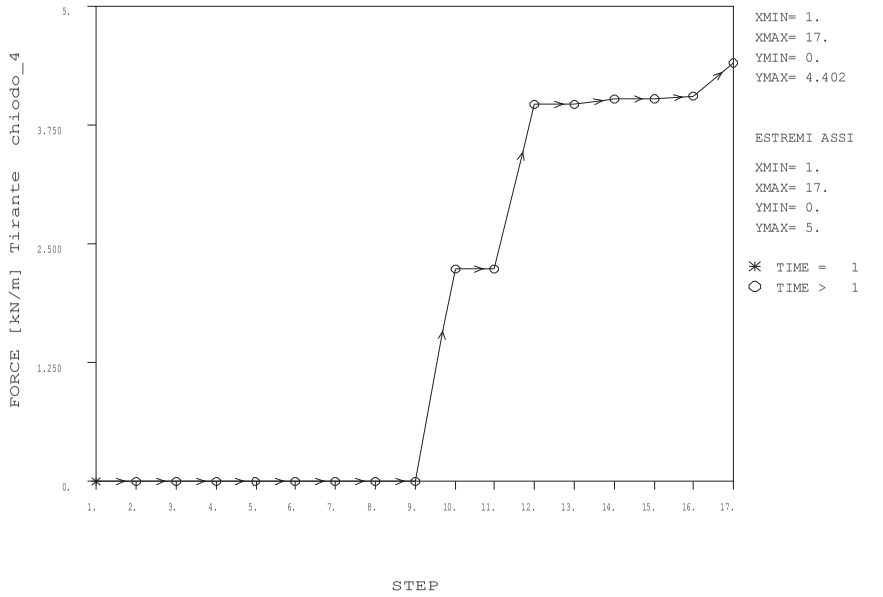


DAL PASSO 1 AL PASSO 17

DIAGRAMMA VARIABILE X / VARIABILE Y

Tirante chiodo_4

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.2924E-06
10.	2.236
11.	2.236
12.	3.967
13.	3.967
14.	4.023
15.	4.024
16.	4.053
17.	4.402



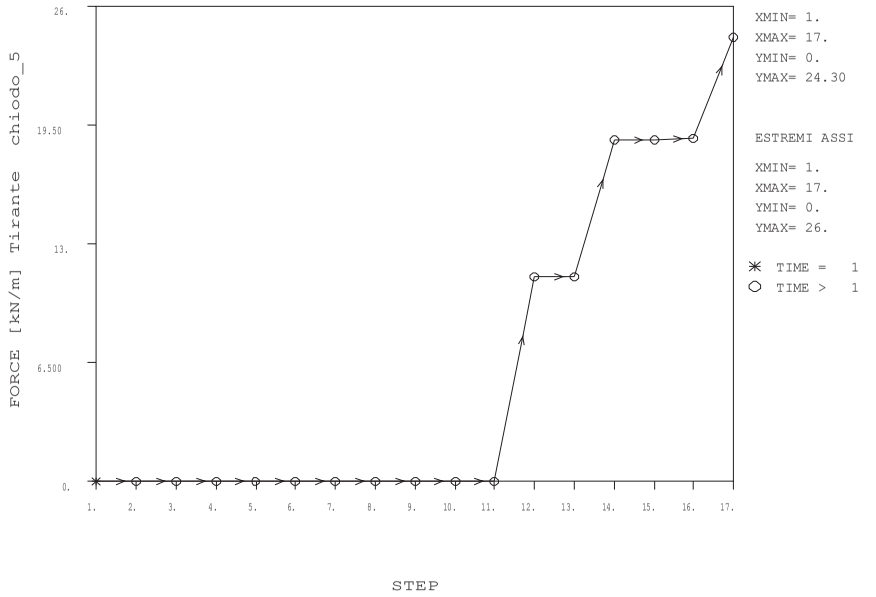
DAL PASSO 1 AL PASSO 17
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_5

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.1255E-06
12.	11.19
13.	11.19
14.	18.67
15.	18.67
16.	18.77
17.	24.30



DAL PASSO 1 AL PASSO 17

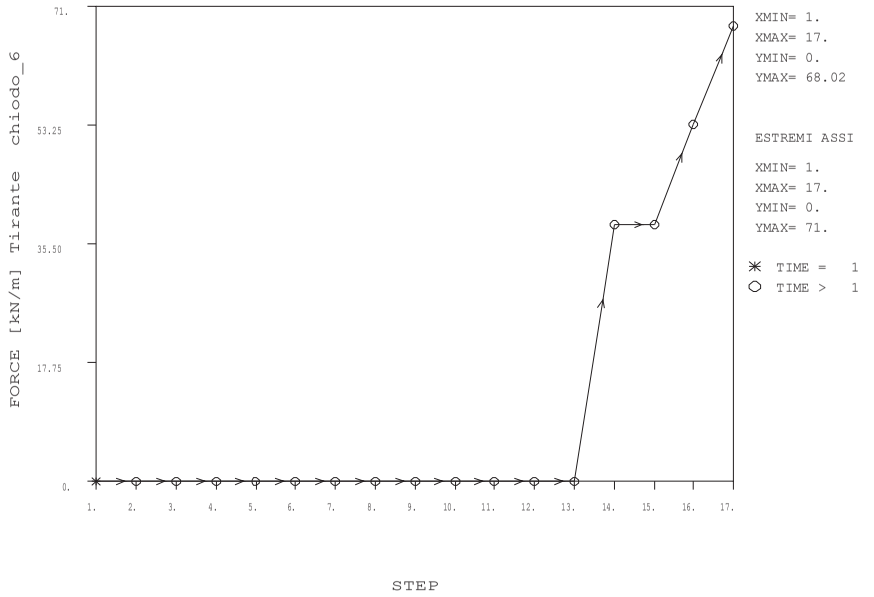
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_6

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.
12.	0.
13.	0.2815E-05
14.	38.36
15.	38.36
16.	53.34
17.	68.02



DAL PASSO 1 AL PASO 17

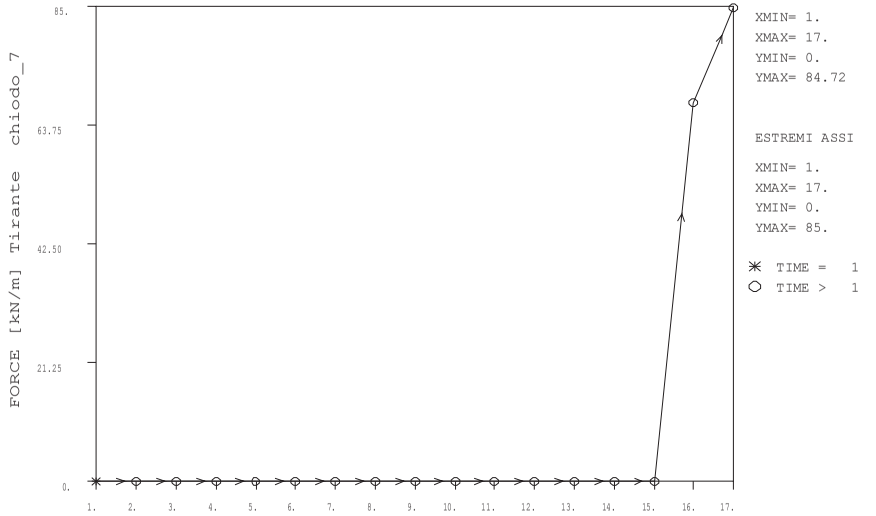
DIAGRAMMA VARIABILE X / VARIABILE Y

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P A R A T I E 7.00

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Tirante chiodo_7

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.
12.	0.
13.	0.
14.	0.
15.	0.4998E-05
16.	67.74
17.	84.72



DAL PASSO 1 AL PASSO 17

DIAGRAMMA VARIABILE X / VARIABILE Y

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P A R A T I E 7.00

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Appendice I

P2 - Sezione M – Tabulati di calcolo PARATIE

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:40:29

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -9.8 0
  15: *
  16: soil UHLeft LeftWall -9.8 0 1 0
  17: soil DHLeft LeftWall -9.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -9.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -3.7 Acciaio_chiodi 0.000105 0 20
  25: *
  26: * Soil Profile
  27: *
  28:     ldata          2_ 0
  29:         weight     27 27 0
  30:         atrest     1 0 1 1
  31:         resistance 80 38 0.195942 9.11404
  32:         young      2E+006 3E+006
  33:     endlayer
  34: *
  35: step 1 :  geostatica
  36:     setwall LeftWall
  37:         geom 0 0
  38: endstep
```

```
  N.  comando

  39: *
  40: step 2 :  scavo a  quota -4.2 m+sovraccarico 70 kPa
  41:     setwall LeftWall
  42:         geom 0 -4.2
  43:         surcharge 70 0 0 0
  44: endstep
  45: *
  46: step 3 :  inserimento primo chiodo
  47:     setwall LeftWall
  48:         geom 0 -4.2
  49:         surcharge 70 0 0 0
  50:         add chiodo_1
  51: endstep
  52: *
  53: step 4 :  scavo finale -6.8 m
  54:     setwall LeftWall
  55:         geom 0 -6.8
  56:         surcharge 70 0 0 0
  57: endstep
  58: *
  59: step 5 :  sisma kh=0.114
  60:     change 2_ U-KA=0.261
  61:     setwall LeftWall
  62:         geom 0 -6.8
  63:         surcharge 70 0 0 0
  64: endstep
  65: *
  66: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 2_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -9.8000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -4.2000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 70.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -9.8000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -4.2000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 70.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-9.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	70.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-9.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	70.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-9.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-9.800	UPHILL	0.
DHLeft	LeftWall	0.	-9.800	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-9.800	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.700	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	14	SI
3	2	SI
4	9	SI
5	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.82976522E-03	-0.18899716E-03
2	0.81086549E-03	-0.18899716E-03
3	0.79196581E-03	-0.18899716E-03
4	0.77306607E-03	-0.18899716E-03
5	0.75416639E-03	-0.18899716E-03
6	0.73526666E-03	-0.18899716E-03
7	0.71636692E-03	-0.18899716E-03
8	0.69746724E-03	-0.18899716E-03
9	0.67856751E-03	-0.18899716E-03
10	0.65966777E-03	-0.18899716E-03
11	0.64076809E-03	-0.18899716E-03
12	0.62186836E-03	-0.18899716E-03
13	0.60296862E-03	-0.18899716E-03
14	0.58406894E-03	-0.18899716E-03
15	0.56516920E-03	-0.18899716E-03
16	0.54626947E-03	-0.18899716E-03
17	0.52736979E-03	-0.18899716E-03
18	0.50847005E-03	-0.18899716E-03
19	0.48957032E-03	-0.18899716E-03
20	0.47067064E-03	-0.18899716E-03
21	0.45177090E-03	-0.18899716E-03
22	0.43287119E-03	-0.18899716E-03
23	0.41397149E-03	-0.18899716E-03
24	0.39507175E-03	-0.18899716E-03
25	0.37617204E-03	-0.18899716E-03
26	0.35727234E-03	-0.18899716E-03
27	0.33837263E-03	-0.18899716E-03
28	0.31947289E-03	-0.18899716E-03
29	0.30057319E-03	-0.18899716E-03
30	0.28167348E-03	-0.18899716E-03
31	0.26277374E-03	-0.18899716E-03
32	0.24387403E-03	-0.18899716E-03
33	0.22497431E-03	-0.18899716E-03
34	0.20607460E-03	-0.18899716E-03
35	0.18717488E-03	-0.18899716E-03
36	0.16827518E-03	-0.18899716E-03
37	0.14937545E-03	-0.18899716E-03
38	0.13047573E-03	-0.18899716E-03
39	0.11157602E-03	-0.18899716E-03
40	0.92676310E-04	-0.18899716E-03
41	0.73792049E-04	-0.18853335E-03
42	0.55119381E-04	-0.18357727E-03
43	0.37566315E-04	-0.16392965E-03

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22805341E-04	-0.13012532E-03
45	0.11630624E-04	-0.93639836E-04
46	0.39513666E-05	-0.60934559E-04
47	-0.77711672E-06	-0.34854125E-04
48	-0.32577007E-05	-0.15920963E-04
49	-0.41759672E-05	-0.34275306E-05
50	-0.41167359E-05	0.38600292E-05
51	-0.35316091E-05	0.73181527E-05
52	-0.27384372E-05	0.82163251E-05
53	-0.19389852E-05	0.75952612E-05
54	-0.12441544E-05	0.62311119E-05
55	-0.70005615E-06	0.46481641E-05
56	-0.31136639E-06	0.31598724E-05
57	-0.59691885E-07	0.19232741E-05
58	0.83394561E-07	0.98986015E-06
59	0.14802923E-06	0.34891858E-06
60	0.16145110E-06	-0.43838398E-07
61	0.14556019E-06	-0.24763597E-06
62	0.11626413E-06	-0.32122691E-06
63	0.83984851E-07	-0.31471654E-06
64	0.54713599E-07	-0.26642272E-06
65	0.31210966E-07	-0.20280920E-06
66	0.14120351E-07	-0.14013787E-06
67	0.28699645E-08	-0.86869370E-07
68	-0.36686036E-08	-0.46053309E-07
69	-0.67506623E-08	-0.17536202E-07
70	-0.75281621E-08	0.41136033E-09
71	-0.69417077E-08	0.10159403E-07
72	-0.56895413E-08	0.14109660E-07
73	-0.42431498E-08	0.14358688E-07
74	-0.28862233E-08	0.12555132E-07
75	-0.17612358E-08	0.98782094E-08
76	-0.91437813E-09	0.70873831E-08
77	-0.33329869E-09	0.46103725E-08
78	0.24515952E-10	0.26379487E-08
79	0.21237448E-09	0.12080272E-08
80	0.28252778E-09	0.27029731E-09
81	0.27968333E-09	-0.26995042E-09
82	0.23820076E-09	-0.52030630E-09
83	0.18198155E-09	-0.57987787E-09
84	0.12590431E-09	-0.52907545E-09
85	0.77884331E-10	-0.42673720E-09
86	0.40982624E-10	-0.31162670E-09
87	0.15237265E-10	-0.20616796E-09
88	-0.92050174E-12	-0.12079522E-09
89	-0.96747853E-11	-0.58012622E-10

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.13213933E-10	-0.15957232E-10
91	-0.13430502E-10	0.91700579E-11
92	-0.11796775E-10	0.21791737E-10
93	-0.93494327E-11	0.26095071E-10
94	-0.67380433E-11	0.25589945E-10
95	-0.43028380E-11	0.22942984E-10
96	-0.21602446E-11	0.19972080E-10
97	-0.28432692E-12	0.17724039E-10
98	0.14211617E-11	0.16573957E-10
99	0.30590437E-11	0.16281252E-10

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.82976522E-03	-0.18899716E-03
2	0.81086549E-03	-0.18899716E-03
3	0.79196581E-03	-0.18899716E-03
4	0.77306607E-03	-0.18899716E-03
5	0.75416639E-03	-0.18899716E-03
6	0.73526666E-03	-0.18899716E-03
7	0.71636692E-03	-0.18899716E-03
8	0.69746724E-03	-0.18899716E-03
9	0.67856751E-03	-0.18899716E-03
10	0.65966777E-03	-0.18899716E-03
11	0.64076809E-03	-0.18899716E-03
12	0.62186836E-03	-0.18899716E-03
13	0.60296862E-03	-0.18899716E-03
14	0.58406894E-03	-0.18899716E-03
15	0.56516920E-03	-0.18899716E-03
16	0.54626947E-03	-0.18899716E-03
17	0.52736979E-03	-0.18899716E-03
18	0.50847005E-03	-0.18899716E-03
19	0.48957032E-03	-0.18899716E-03
20	0.47067064E-03	-0.18899716E-03
21	0.45177090E-03	-0.18899716E-03
22	0.43287119E-03	-0.18899716E-03
23	0.41397149E-03	-0.18899716E-03
24	0.39507175E-03	-0.18899716E-03
25	0.37617204E-03	-0.18899716E-03
26	0.35727234E-03	-0.18899716E-03
27	0.33837263E-03	-0.18899716E-03
28	0.31947289E-03	-0.18899716E-03
29	0.30057319E-03	-0.18899716E-03
30	0.28167348E-03	-0.18899716E-03
31	0.26277374E-03	-0.18899716E-03
32	0.24387403E-03	-0.18899716E-03
33	0.22497431E-03	-0.18899716E-03
34	0.20607460E-03	-0.18899716E-03
35	0.18717488E-03	-0.18899716E-03
36	0.16827518E-03	-0.18899716E-03
37	0.14937545E-03	-0.18899716E-03
38	0.13047573E-03	-0.18899716E-03
39	0.11157602E-03	-0.18899716E-03
40	0.92676310E-04	-0.18899716E-03
41	0.73792049E-04	-0.18853335E-03
42	0.55119381E-04	-0.18357727E-03
43	0.37566315E-04	-0.16392965E-03

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22805341E-04	-0.13012532E-03
45	0.11630624E-04	-0.93639836E-04
46	0.39513666E-05	-0.60934559E-04
47	-0.77711672E-06	-0.34854125E-04
48	-0.32577007E-05	-0.15920963E-04
49	-0.41759672E-05	-0.34275306E-05
50	-0.41167359E-05	0.38600292E-05
51	-0.35316091E-05	0.73181527E-05
52	-0.27384372E-05	0.82163251E-05
53	-0.19389852E-05	0.75952612E-05
54	-0.12441544E-05	0.62311119E-05
55	-0.70005615E-06	0.46481641E-05
56	-0.31136639E-06	0.31598724E-05
57	-0.59691885E-07	0.19232741E-05
58	0.83394561E-07	0.98986015E-06
59	0.14802923E-06	0.34891858E-06
60	0.16145110E-06	-0.43838398E-07
61	0.14556019E-06	-0.24763597E-06
62	0.11626413E-06	-0.32122691E-06
63	0.83984851E-07	-0.31471654E-06
64	0.54713599E-07	-0.26642272E-06
65	0.31210966E-07	-0.20280920E-06
66	0.14120351E-07	-0.14013787E-06
67	0.28699645E-08	-0.86869370E-07
68	-0.36686036E-08	-0.46053309E-07
69	-0.67506623E-08	-0.17536202E-07
70	-0.75281621E-08	0.41136033E-09
71	-0.69417077E-08	0.10159403E-07
72	-0.56895413E-08	0.14109660E-07
73	-0.42431498E-08	0.14358688E-07
74	-0.28862233E-08	0.12555132E-07
75	-0.17612358E-08	0.98782094E-08
76	-0.91437813E-09	0.70873831E-08
77	-0.33329869E-09	0.46103725E-08
78	0.24515952E-10	0.26379487E-08
79	0.21237448E-09	0.12080272E-08
80	0.28252778E-09	0.27029731E-09
81	0.27968333E-09	-0.26995042E-09
82	0.23820076E-09	-0.52030630E-09
83	0.18198155E-09	-0.57987787E-09
84	0.12590431E-09	-0.52907545E-09
85	0.77884331E-10	-0.42673720E-09
86	0.40982624E-10	-0.31162670E-09
87	0.15237265E-10	-0.20616796E-09
88	-0.92050174E-12	-0.12079522E-09
89	-0.96747853E-11	-0.58012622E-10

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.13213933E-10	-0.15957232E-10
91	-0.13430502E-10	0.91700579E-11
92	-0.11796775E-10	0.21791737E-10
93	-0.93494327E-11	0.26095071E-10
94	-0.67380433E-11	0.25589945E-10
95	-0.43028380E-11	0.22942984E-10
96	-0.21602446E-11	0.19972080E-10
97	-0.28432692E-12	0.17724039E-10
98	0.14211617E-11	0.16573957E-10
99	0.30590439E-11	0.16281252E-10

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.83516748E-03	-0.19156125E-03
2	0.81601134E-03	-0.19156125E-03
3	0.79685525E-03	-0.19156125E-03
4	0.77769911E-03	-0.19156125E-03
5	0.75854297E-03	-0.19156125E-03
6	0.73938689E-03	-0.19156125E-03
7	0.72023075E-03	-0.19156125E-03
8	0.70107460E-03	-0.19156125E-03
9	0.68191846E-03	-0.19156125E-03
10	0.66276238E-03	-0.19156125E-03
11	0.64360624E-03	-0.19156125E-03
12	0.62445010E-03	-0.19156125E-03
13	0.60529402E-03	-0.19156125E-03
14	0.58613787E-03	-0.19156125E-03
15	0.56698173E-03	-0.19156125E-03
16	0.54782559E-03	-0.19156125E-03
17	0.52866869E-03	-0.19158577E-03
18	0.50950667E-03	-0.19166416E-03
19	0.49033423E-03	-0.19179119E-03
20	0.47114783E-03	-0.19193641E-03
21	0.45194791E-03	-0.19205273E-03
22	0.43274133E-03	-0.19204724E-03
23	0.41354811E-03	-0.19175233E-03
24	0.39440821E-03	-0.19093721E-03
25	0.37538711E-03	-0.18932881E-03
26	0.35657821E-03	-0.18664781E-03
27	0.33810089E-03	-0.18266634E-03
28	0.32009248E-03	-0.17725822E-03
29	0.30269794E-03	-0.17038964E-03
30	0.28606324E-03	-0.16206061E-03
31	0.27033448E-03	-0.15227110E-03
32	0.25565771E-03	-0.14102111E-03
33	0.24217895E-03	-0.12831068E-03
34	0.23004426E-03	-0.11413977E-03
35	0.21939968E-03	-0.98508404E-04
36	0.21039126E-03	-0.81416576E-04
37	0.20316505E-03	-0.62864274E-04
38	0.19786709E-03	-0.42851509E-04
39	0.19458558E-03	-0.23113929E-04
40	0.19317727E-03	-0.53871895E-05
41	0.19344110E-03	0.10328713E-04
42	0.19517599E-03	0.24033778E-04
43	0.19818083E-03	0.35728004E-04

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20225455E-03	0.45411394E-04
45	0.20719608E-03	0.53083942E-04
46	0.21280431E-03	0.58745656E-04
47	0.21887818E-03	0.62396532E-04
48	0.22521660E-03	0.64036569E-04
49	0.23161847E-03	0.63665771E-04
50	0.23788272E-03	0.61284132E-04
51	0.24380827E-03	0.56891651E-04
52	0.24919404E-03	0.50488336E-04
53	0.25383889E-03	0.42074185E-04
54	0.25754183E-03	0.31649193E-04
55	0.26010172E-03	0.19213365E-04
56	0.26131747E-03	0.47666986E-05
57	0.26098802E-03	-0.11690806E-04
58	0.25891230E-03	-0.30159148E-04
59	0.25488916E-03	-0.50638329E-04
60	0.24871761E-03	-0.73128351E-04
61	0.24019647E-03	-0.97629207E-04
62	0.22912472E-03	-0.12414090E-03
63	0.21530128E-03	-0.15266343E-03
64	0.19852501E-03	-0.18319680E-03
65	0.17859488E-03	-0.21574101E-03
66	0.15533030E-03	-0.24968042E-03
67	0.12876182E-03	-0.28052914E-03
68	0.99707722E-04	-0.29688049E-03
69	0.70503898E-04	-0.27968653E-03
70	0.44828463E-04	-0.23075107E-03
71	0.24686975E-04	-0.17181676E-03
72	0.10363869E-04	-0.11591971E-03
73	0.11846817E-05	-0.69573201E-04
74	-0.39385700E-05	-0.34860670E-04
75	-0.61576161E-05	-0.11253045E-04
76	-0.64988371E-05	0.30648466E-05
77	-0.57784537E-05	0.10368523E-04
78	-0.45853608E-05	0.12865351E-04
79	-0.33035003E-05	0.12418676E-04
80	-0.21524852E-05	0.10446209E-04
81	-0.12325205E-05	0.79258825E-05
82	-0.56545889E-06	0.54610505E-05
83	-0.12787258E-06	0.33693532E-05
84	0.12483885E-06	0.17704682E-05
85	0.24255297E-06	0.66154007E-06
86	0.27116360E-06	-0.26886259E-07
87	0.24795520E-06	-0.39192781E-06
88	0.20028625E-06	-0.53172283E-06
89	0.14629424E-06	-0.53101013E-06

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.96584223E-07	-0.45529745E-06
91	0.56206602E-07	-0.35042910E-06
92	0.26511760E-07	-0.24516009E-06
93	0.66711943E-08	-0.15499275E-06
94	-0.51953939E-08	-0.86083567E-07
95	-0.11263294E-07	-0.38707647E-07
96	-0.13556065E-07	-0.99059632E-08
97	-0.13714885E-07	0.47837672E-08
98	-0.12906272E-07	0.10264661E-07
99	-0.11809493E-07	0.11319361E-07

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.83514798E-03	-0.19149300E-03
2	0.81599870E-03	-0.19149180E-03
3	0.79684978E-03	-0.19148659E-03
4	0.77770161E-03	-0.19147512E-03
5	0.75855496E-03	-0.19145702E-03
6	0.73941040E-03	-0.19143411E-03
7	0.72026817E-03	-0.19141080E-03
8	0.70112798E-03	-0.19139468E-03
9	0.68198884E-03	-0.19139041E-03
10	0.66284952E-03	-0.19139799E-03
11	0.64370886E-03	-0.19141742E-03
12	0.62456564E-03	-0.19144869E-03
13	0.60541870E-03	-0.19149182E-03
14	0.58626686E-03	-0.19154680E-03
15	0.56710892E-03	-0.19161362E-03
16	0.54794375E-03	-0.19169231E-03
17	0.52877009E-03	-0.19178283E-03
18	0.50958677E-03	-0.19188521E-03
19	0.49039267E-03	-0.19199935E-03
20	0.47118697E-03	-0.19211209E-03
21	0.45197146E-03	-0.19218844E-03
22	0.43275332E-03	-0.19214333E-03
23	0.41355228E-03	-0.19181360E-03
24	0.39440772E-03	-0.19097040E-03
25	0.37538438E-03	-0.18934118E-03
26	0.35657501E-03	-0.18664620E-03
27	0.33809830E-03	-0.18265682E-03
28	0.32009103E-03	-0.17724620E-03
29	0.30269762E-03	-0.17037883E-03
30	0.28606388E-03	-0.16205247E-03
31	0.27033579E-03	-0.15226580E-03
32	0.25565943E-03	-0.14101822E-03
33	0.24218086E-03	-0.12830966E-03
34	0.23004618E-03	-0.11414030E-03
35	0.21940150E-03	-0.98510092E-04
36	0.21039286E-03	-0.81419064E-04
37	0.20316638E-03	-0.62867213E-04
38	0.19786811E-03	-0.42854525E-04
39	0.19458630E-03	-0.23116692E-04
40	0.19317775E-03	-0.53894778E-05
41	0.19344139E-03	0.10326967E-04
42	0.19517612E-03	0.24032544E-04
43	0.19818086E-03	0.35727207E-04

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20225452E-03	0.45410932E-04
45	0.20719602E-03	0.53083724E-04
46	0.21280424E-03	0.58745591E-04
47	0.21887811E-03	0.62396553E-04
48	0.22521651E-03	0.64036627E-04
49	0.23161840E-03	0.63665837E-04
50	0.23788266E-03	0.61284198E-04
51	0.24380822E-03	0.56891720E-04
52	0.24919398E-03	0.50488405E-04
53	0.25383887E-03	0.42074247E-04
54	0.25754180E-03	0.31649255E-04
55	0.26010169E-03	0.19213425E-04
56	0.26131744E-03	0.47667540E-05
57	0.26098802E-03	-0.11690755E-04
58	0.25891227E-03	-0.30159103E-04
59	0.25488916E-03	-0.50638289E-04
60	0.24871758E-03	-0.73128314E-04
61	0.24019647E-03	-0.97629178E-04
62	0.22912472E-03	-0.12414088E-03
63	0.21530126E-03	-0.15266342E-03
64	0.19852501E-03	-0.18319680E-03
65	0.17859488E-03	-0.21574101E-03
66	0.15533030E-03	-0.24968042E-03
67	0.12876182E-03	-0.28052914E-03
68	0.99707722E-04	-0.29688049E-03
69	0.70503898E-04	-0.27968653E-03
70	0.44828466E-04	-0.23075107E-03
71	0.24686975E-04	-0.17181676E-03
72	0.10363869E-04	-0.11591971E-03
73	0.11846818E-05	-0.69573201E-04
74	-0.39385700E-05	-0.34860670E-04
75	-0.61576161E-05	-0.11253046E-04
76	-0.64988371E-05	0.30648466E-05
77	-0.57784537E-05	0.10368523E-04
78	-0.45853608E-05	0.12865351E-04
79	-0.33035003E-05	0.12418676E-04
80	-0.21524852E-05	0.10446209E-04
81	-0.12325205E-05	0.79258825E-05
82	-0.56545889E-06	0.54610505E-05
83	-0.12787258E-06	0.33693532E-05
84	0.12483885E-06	0.17704683E-05
85	0.24255297E-06	0.66154007E-06
86	0.27116360E-06	-0.26886259E-07
87	0.24795520E-06	-0.39192781E-06
88	0.20028625E-06	-0.53172283E-06
89	0.14629424E-06	-0.53101013E-06

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.96584223E-07	-0.45529745E-06
91	0.56206602E-07	-0.35042910E-06
92	0.26511760E-07	-0.24516009E-06
93	0.66711943E-08	-0.15499275E-06
94	-0.51953939E-08	-0.86083567E-07
95	-0.11263294E-07	-0.38707647E-07
96	-0.13556065E-07	-0.99059632E-08
97	-0.13714885E-07	0.47837672E-08
98	-0.12906272E-07	0.10264661E-07
99	-0.11809493E-07	0.11319361E-07

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.83517E-03	4
2	-0.10000	0.81601E-03	4
3	-0.20000	0.79686E-03	4
4	-0.30000	0.77770E-03	5
5	-0.40000	0.75855E-03	5
6	-0.50000	0.73941E-03	5
7	-0.60000	0.72027E-03	5
8	-0.70000	0.70113E-03	5
9	-0.80000	0.68199E-03	5
10	-0.90000	0.66285E-03	5
11	-1.0000	0.64371E-03	5
12	-1.1000	0.62457E-03	5
13	-1.2000	0.60542E-03	5
14	-1.3000	0.58627E-03	5
15	-1.4000	0.56711E-03	5
16	-1.5000	0.54794E-03	5
17	-1.6000	0.52877E-03	5
18	-1.7000	0.50959E-03	5
19	-1.8000	0.49039E-03	5
20	-1.9000	0.47119E-03	5
21	-2.0000	0.45197E-03	5
22	-2.1000	0.43287E-03	3
23	-2.2000	0.41397E-03	3
24	-2.3000	0.39507E-03	3
25	-2.4000	0.37617E-03	3
26	-2.5000	0.35727E-03	3
27	-2.6000	0.33837E-03	3
28	-2.7000	0.32009E-03	4
29	-2.8000	0.30270E-03	4
30	-2.9000	0.28606E-03	5
31	-3.0000	0.27034E-03	5
32	-3.1000	0.25566E-03	5
33	-3.2000	0.24218E-03	5
34	-3.3000	0.23005E-03	5
35	-3.4000	0.21940E-03	5
36	-3.5000	0.21039E-03	5
37	-3.6000	0.20317E-03	5
38	-3.7000	0.19787E-03	5

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.19459E-03	5
40	-3.9000	0.19318E-03	5
41	-4.0000	0.19344E-03	5
42	-4.1000	0.19518E-03	5
43	-4.2000	0.19818E-03	5
44	-4.3000	0.20225E-03	4
45	-4.4000	0.20720E-03	4
46	-4.5000	0.21280E-03	4
47	-4.6000	0.21888E-03	4
48	-4.7000	0.22522E-03	4
49	-4.8000	0.23162E-03	4
50	-4.9000	0.23788E-03	4
51	-5.0000	0.24381E-03	4
52	-5.1000	0.24919E-03	4
53	-5.2000	0.25384E-03	4
54	-5.3000	0.25754E-03	4
55	-5.4000	0.26010E-03	4
56	-5.5000	0.26132E-03	4
57	-5.6000	0.26099E-03	5
58	-5.7000	0.25891E-03	4
59	-5.8000	0.25489E-03	5
60	-5.9000	0.24872E-03	4
61	-6.0000	0.24020E-03	5
62	-6.1000	0.22912E-03	5
63	-6.2000	0.21530E-03	4
64	-6.3000	0.19853E-03	5
65	-6.4000	0.17859E-03	5
66	-6.5000	0.15533E-03	5
67	-6.6000	0.12876E-03	5
68	-6.7000	0.99708E-04	5
69	-6.8000	0.70504E-04	5
70	-6.9000	0.44828E-04	5
71	-7.0000	0.24687E-04	5
72	-7.1000	0.10364E-04	5
73	-7.2000	0.11847E-05	5
74	-7.3000	-0.39386E-05	5
75	-7.4000	-0.61576E-05	5
76	-7.5000	-0.64988E-05	5
77	-7.6000	-0.57785E-05	5
78	-7.7000	-0.45854E-05	5
79	-7.8000	-0.33035E-05	5
80	-7.9000	-0.21525E-05	5
81	-8.0000	-0.12325E-05	5
82	-8.1000	-0.56546E-06	5
83	-8.2000	-0.12787E-06	5
84	-8.3000	0.12484E-06	5

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.24255E-06	5
86	-8.5000	0.27116E-06	5
87	-8.6000	0.24796E-06	5
88	-8.7000	0.20029E-06	5
89	-8.8000	0.14629E-06	5
90	-8.9000	0.96584E-07	5
91	-9.0000	0.56207E-07	5
92	-9.1000	0.26512E-07	5
93	-9.2000	0.66712E-08	5
94	-9.3000	-0.51954E-08	5
95	-9.4000	-0.11263E-07	5
96	-9.5000	-0.13556E-07	5
97	-9.6000	-0.13715E-07	5
98	-9.7000	-0.12906E-07	5
99	-9.8000	-0.11809E-07	5

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.2309E-12	0.2220E-12	0.9176E-03
	B	-0.1000	0.9176E-04	0.	0.9176E-03
2	A	-0.1000	0.9176E-04	0.2665E-13	0.2107E-02
	B	-0.2000	0.3024E-03	0.4015E-12	0.2107E-02
3	A	-0.2000	0.3024E-03	0.4992E-12	0.2622E-02
	B	-0.3000	0.5646E-03	0.8207E-12	0.2622E-02
4	A	-0.3000	0.5646E-03	0.6253E-12	0.2385E-02
	B	-0.4000	0.8031E-03	0.7958E-12	0.2385E-02
5	A	-0.4000	0.8031E-03	0.9983E-12	0.1258E-02
	B	-0.5000	0.9289E-03	0.1187E-11	0.1258E-02
6	A	-0.5000	0.9289E-03	0.1473E-11	0.9564E-03
	B	-0.6000	0.8333E-03	0.1148E-11	0.9564E-03
7	A	-0.6000	0.8333E-03	0.9468E-12	0.4479E-02
	B	-0.7000	0.3854E-03	0.1290E-11	0.4479E-02
8	A	-0.7000	0.3854E-03	0.9059E-12	0.4479E-02
	B	-0.8000	0.7141E-12	0.6255E-04	0.4479E-02
9	A	-0.8000	0.4814E-12	0.6255E-04	0.4479E-02
	B	-0.9000	0.8562E-12	0.5105E-03	0.4479E-02
10	A	-0.9000	0.8384E-12	0.5105E-03	0.4479E-02
	B	-1.000	0.5969E-12	0.9584E-03	0.4479E-02
11	A	-1.000	0.6928E-12	0.9584E-03	0.4479E-02
	B	-1.100	0.1116E-11	0.1406E-02	0.4479E-02
12	A	-1.100	0.1004E-11	0.1406E-02	0.4479E-02
	B	-1.200	0.7212E-12	0.1854E-02	0.4479E-02
13	A	-1.200	0.8011E-12	0.1854E-02	0.4479E-02
	B	-1.300	0.6715E-12	0.2302E-02	0.4479E-02
14	A	-1.300	0.3393E-12	0.2302E-02	0.4479E-02
	B	-1.400	0.1055E-11	0.2750E-02	0.4479E-02
15	A	-1.400	0.7123E-12	0.2750E-02	0.4479E-02
	B	-1.500	0.4334E-12	0.3198E-02	0.4479E-02
16	A	-1.500	0.2593E-12	0.3198E-02	0.1854E-01
	B	-1.600	0.6182E-12	0.3646E-02	0.1854E-01
17	A	-1.600	0.6519E-12	0.3646E-02	0.2219E-01
	B	-1.700	0.6963E-12	0.4094E-02	0.2219E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.6359E-12	0.4094E-02	0.1458E-01
	B	-1.800	0.9699E-12	0.5531E-02	0.1458E-01
19	A	-1.800	0.6164E-12	0.5531E-02	0.5483E-02
	B	-1.900	0.1041E-11	0.5449E-02	0.5483E-02
20	A	-1.900	0.5844E-12	0.5449E-02	0.2202E-01
	B	-2.000	0.6501E-12	0.3345E-02	0.2202E-01
21	A	-2.000	0.7869E-12	0.3345E-02	0.7104E-01
	B	-2.100	0.5195E-02	0.	0.7104E-01
22	A	-2.100	0.5195E-02	0.	0.1478
	B	-2.200	0.1973E-01	0.	0.1478
23	A	-2.200	0.1973E-01	0.	0.2455
	B	-2.300	0.4401E-01	0.	0.2455
24	A	-2.300	0.4401E-01	0.	0.3542
	B	-2.400	0.7916E-01	0.	0.3542
25	A	-2.400	0.7916E-01	0.	0.4567
	B	-2.500	0.1246	0.	0.4567
26	A	-2.500	0.1246	0.	0.5265
	B	-2.600	0.1770	0.	0.5265
27	A	-2.600	0.1770	0.	0.5521
	B	-2.700	0.2320	0.	0.5521
28	A	-2.700	0.2320	0.	0.5521
	B	-2.800	0.2872	0.	0.5521
29	A	-2.800	0.2872	0.	0.5521
	B	-2.900	0.3424	0.	0.5521
30	A	-2.900	0.3424	0.	0.5522
	B	-3.000	0.3976	0.	0.5522
31	A	-3.000	0.3976	0.	0.5523
	B	-3.100	0.4529	0.	0.5523
32	A	-3.100	0.4529	0.	0.5522
	B	-3.200	0.5081	0.	0.5522
33	A	-3.200	0.5081	0.	0.5522
	B	-3.300	0.5633	0.	0.5522
34	A	-3.300	0.5633	0.	0.5522
	B	-3.400	0.6185	0.	0.5522
35	A	-3.400	0.6185	0.	0.5522
	B	-3.500	0.6737	0.	0.5522
36	A	-3.500	0.6737	0.	0.5522
	B	-3.600	0.7289	0.	0.5522
37	A	-3.600	0.7289	0.	0.5522
	B	-3.700	0.7841	0.	0.5522
38	A	-3.700	0.7841	0.	0.7601
	B	-3.800	0.7081	0.	0.7601
39	A	-3.800	0.7081	0.	0.7601
	B	-3.900	0.6321	0.	0.7601
40	A	-3.900	0.6321	0.	0.7601
	B	-4.000	0.5561	0.	0.7601

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.5561	0.	3.045
	B	-4.100	0.4801	0.	3.045
42	A	-4.100	0.4801	0.	8.061
	B	-4.200	1.146	0.	8.061
43	A	-4.200	1.146	0.	2.641
	B	-4.300	1.410	0.	2.641
44	A	-4.300	1.410	0.	0.7601
	B	-4.400	1.348	0.	0.7601
45	A	-4.400	1.348	0.	2.244
	B	-4.500	1.124	0.	2.244
46	A	-4.500	1.124	0.	2.765
	B	-4.600	0.8476	0.	2.765
47	A	-4.600	0.8476	0.	2.639
	B	-4.700	0.5837	0.	2.639
48	A	-4.700	0.5837	0.	2.230
	B	-4.800	0.3608	0.5202E-01	2.230
49	A	-4.800	0.3608	0.5202E-01	1.706
	B	-4.900	0.1902	0.1280	1.706
50	A	-4.900	0.1902	0.1280	1.189
	B	-5.000	0.7126E-01	0.2040	1.189
51	A	-5.000	0.7126E-01	0.2040	0.7601
	B	-5.100	0.	0.2801	0.7601
52	A	-5.100	0.	0.2801	0.7601
	B	-5.200	0.	0.3561	0.7601
53	A	-5.200	0.	0.3561	0.7601
	B	-5.300	0.	0.4321	0.7601
54	A	-5.300	0.	0.4321	0.7601
	B	-5.400	0.	0.5081	0.7601
55	A	-5.400	0.	0.5081	0.7601
	B	-5.500	0.	0.5841	0.7601
56	A	-5.500	0.	0.5841	0.7601
	B	-5.600	0.	0.6601	0.7601
57	A	-5.600	0.	0.6601	0.7601
	B	-5.700	0.	0.7361	0.7601
58	A	-5.700	0.	0.7361	0.7601
	B	-5.800	0.	0.8121	0.7601
59	A	-5.800	0.	0.8121	0.7601
	B	-5.900	0.	0.8881	0.7601
60	A	-5.900	0.	0.8881	0.7601
	B	-6.000	0.	0.9641	0.7601
61	A	-6.000	0.	0.9641	0.7601
	B	-6.100	0.	1.040	0.7601
62	A	-6.100	0.	1.040	0.7601
	B	-6.200	0.1339E-02	1.116	0.7601
63	A	-6.200	0.1339E-02	1.116	0.7601
	B	-6.300	0.2312E-02	1.192	0.7601

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.2312E-02	1.192	0.7601
	B	-6.400	0.2498E-02	1.268	0.7601
65	A	-6.400	0.2498E-02	1.268	0.2947
	B	-6.500	0.2240E-02	1.298	0.2947
66	A	-6.500	0.2240E-02	1.298	2.631
	B	-6.600	0.1787E-02	1.035	2.631
67	A	-6.600	0.1787E-02	1.035	8.329
	B	-6.700	0.1299E-02	0.2016	8.329
68	A	-6.700	0.1299E-02	0.2016	17.03
	B	-6.800	1.502	0.	17.03
69	A	-6.800	1.502	0.	6.965
	B	-6.900	2.198	0.	6.965
70	A	-6.900	2.198	0.	0.5941
	B	-7.000	2.257	0.	0.5941
71	A	-7.000	2.257	0.	2.890
	B	-7.100	1.968	0.	2.890
72	A	-7.100	1.968	0.	4.330
	B	-7.200	1.535	0.4269E-04	4.330
73	A	-7.200	1.535	0.4269E-04	4.465
	B	-7.300	1.089	0.9366E-04	4.465
74	A	-7.300	1.089	0.9366E-04	3.930
	B	-7.400	0.6959	0.1087E-03	3.930
75	A	-7.400	0.6959	0.1087E-03	3.093
	B	-7.500	0.3866	0.1023E-03	3.093
76	A	-7.500	0.3866	0.1023E-03	2.210
	B	-7.600	0.1656	0.8499E-04	2.210
77	A	-7.600	0.1656	0.8499E-04	1.424
	B	-7.700	0.2317E-01	0.6412E-04	1.424
78	A	-7.700	0.2317E-01	0.6412E-04	0.8010
	B	-7.800	0.	0.5693E-01	0.8010
79	A	-7.800	0.	0.5693E-01	0.3525
	B	-7.900	0.	0.9218E-01	0.3525
80	A	-7.900	0.	0.9218E-01	0.6170E-01
	B	-8.000	0.	0.9835E-01	0.6170E-01
81	A	-8.000	0.	0.9835E-01	0.1036
	B	-8.100	0.	0.8799E-01	0.1036
82	A	-8.100	0.	0.8799E-01	0.1784
	B	-8.200	0.4925E-06	0.7014E-01	0.1784
83	A	-8.200	0.4925E-06	0.7014E-01	0.1941
	B	-8.300	0.3348E-05	0.5073E-01	0.1941
84	A	-8.300	0.3348E-05	0.5073E-01	0.1763
	B	-8.400	0.4389E-05	0.3310E-01	0.1763
85	A	-8.400	0.4389E-05	0.3310E-01	0.1416
	B	-8.500	0.4314E-05	0.1894E-01	0.1416
86	A	-8.500	0.4314E-05	0.1894E-01	0.1029
	B	-8.600	0.3659E-05	0.8655E-02	0.1029

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.3659E-05	0.8655E-02	0.6742E-01
	B	-8.700	0.2795E-05	0.1913E-02	0.6742E-01
88	A	-8.700	0.2795E-05	0.1913E-02	0.3880E-01
	B	-8.800	0.1967E-02	0.	0.3880E-01
89	A	-8.800	0.1967E-02	0.	0.1790E-01
	B	-8.900	0.3757E-02	0.	0.1790E-01
90	A	-8.900	0.3757E-02	0.	0.4141E-02
	B	-9.000	0.4171E-02	0.	0.4141E-02
91	A	-9.000	0.4171E-02	0.	0.3838E-02
	B	-9.100	0.3787E-02	0.	0.3838E-02
92	A	-9.100	0.3787E-02	0.	0.7579E-02
	B	-9.200	0.3029E-02	0.	0.7579E-02
93	A	-9.200	0.3029E-02	0.	0.8493E-02
	B	-9.300	0.2180E-02	0.8064E-07	0.8493E-02
94	A	-9.300	0.2180E-02	0.8064E-07	0.7787E-02
	B	-9.400	0.1401E-02	0.1195E-06	0.7787E-02
95	A	-9.400	0.1401E-02	0.1195E-06	0.6256E-02
	B	-9.500	0.7759E-03	0.1051E-06	0.6256E-02
96	A	-9.500	0.7759E-03	0.1051E-06	0.4413E-02
	B	-9.600	0.3346E-03	0.6482E-07	0.4413E-02
97	A	-9.600	0.3346E-03	0.6482E-07	0.2549E-02
	B	-9.700	0.7974E-04	0.2213E-07	0.2549E-02
98	A	-9.700	0.7974E-04	0.2213E-07	0.7974E-03
	B	-9.800	0.3469E-17	0.3903E-17	0.7974E-03

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -3.7000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA -0.26396E-13 kN/m
FASE 4 FORZA 1.3964 kN/m
FASE 5 FORZA 1.3964 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.1835E-01	35.00	0.	0.
2	-0.1000	2.700	36.35	0.	0.
3	-0.2000	5.400	37.70	0.	0.
4	-0.3000	8.100	39.05	0.	0.
5	-0.4000	10.80	40.40	0.	0.
6	-0.5000	13.50	41.75	0.	0.
7	-0.6000	16.20	43.10	0.	0.
8	-0.7000	18.90	44.45	0.	0.
9	-0.8000	21.60	45.80	0.	0.
10	-0.9000	24.30	47.15	0.	0.
11	-1.000	27.00	48.50	0.	0.
12	-1.100	29.70	49.85	0.	0.
13	-1.200	32.40	51.20	0.	0.
14	-1.300	35.10	52.55	0.	0.
15	-1.400	37.80	53.90	0.	0.
16	-1.500	40.50	55.25	0.	0.
17	-1.600	43.20	56.60	0.	0.
18	-1.700	45.90	57.95	0.	0.
19	-1.800	48.60	59.30	0.	0.
20	-1.900	51.30	60.65	0.	0.
21	-2.000	54.00	62.00	0.	0.
22	-2.100	56.70	63.35	0.	0.
23	-2.200	59.40	64.70	0.	0.
24	-2.300	62.10	66.05	0.	0.
25	-2.400	64.80	67.40	0.	0.
26	-2.500	67.50	68.75	0.	0.
27	-2.600	70.20	70.10	0.	0.
28	-2.700	72.90	71.45	0.	0.
29	-2.800	75.60	72.80	0.	0.
30	-2.900	78.30	74.15	0.	0.
31	-3.000	81.00	75.50	0.	0.
32	-3.100	83.70	76.85	0.	0.
33	-3.200	86.40	78.20	0.	0.
34	-3.300	89.10	79.55	0.	0.
35	-3.400	91.80	80.90	0.	0.

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	82.25	0.	0.
37	-3.600	97.20	83.60	0.	0.
38	-3.700	99.90	84.95	0.	0.
39	-3.800	102.6	86.30	0.	0.
40	-3.900	105.3	87.65	0.	0.
41	-4.000	108.0	89.00	0.	0.
42	-4.100	110.7	90.35	0.	0.
43	-4.200	113.4	91.70	0.	0.
44	-4.300	116.1	93.05	0.	0.
45	-4.400	118.8	94.40	0.	0.
46	-4.500	121.5	95.75	0.	0.
47	-4.600	124.8	97.10	0.	0.
48	-4.700	129.3	98.45	0.	0.
49	-4.800	132.7	99.80	0.	0.
50	-4.900	135.3	101.2	0.	0.
51	-5.000	137.6	102.5	0.	0.
52	-5.100	139.7	103.8	0.	0.
53	-5.200	141.8	105.2	0.	0.
54	-5.300	144.0	106.6	0.	0.
55	-5.400	146.3	107.9	0.	0.
56	-5.500	148.7	109.2	0.	0.
57	-5.600	151.2	110.6	0.	0.
58	-5.700	153.9	111.9	0.	0.
59	-5.800	156.6	113.3	0.	0.
60	-5.900	159.3	114.7	0.	0.
61	-6.000	162.0	116.0	0.	0.
62	-6.100	164.7	117.3	0.	0.
63	-6.200	167.4	118.7	0.	0.
64	-6.300	170.1	120.1	0.	0.
65	-6.400	172.8	119.1	0.	0.
66	-6.500	175.5	108.1	0.	0.
67	-6.600	178.2	95.61	0.	0.
68	-6.700	180.9	81.94	0.	0.
69	-6.800	183.6	68.19	0.	0.
70	-6.900	186.3	56.10	0.	0.
71	-7.000	189.0	46.62	0.	0.
72	-7.100	191.7	39.88	0.	0.
73	-7.200	194.4	35.56	0.	0.
74	-7.300	199.6	35.00	0.	0.
75	-7.400	203.7	35.00	0.	0.
76	-7.500	206.6	35.00	0.	0.
77	-7.600	208.8	35.00	0.	0.
78	-7.700	210.8	35.00	0.	0.
79	-7.800	212.7	35.00	0.	0.
80	-7.900	214.6	35.00	0.	0.
81	-8.000	216.8	35.00	0.	0.

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	219.0	35.00	0.	0.
83	-8.200	221.5	35.00	0.	0.
84	-8.300	224.1	35.06	0.	0.
85	-8.400	226.8	35.11	0.	0.
86	-8.500	229.5	35.13	0.	0.
87	-8.600	232.2	35.12	0.	0.
88	-8.700	234.9	35.09	0.	0.
89	-8.800	237.6	35.07	0.	0.
90	-8.900	240.3	35.05	0.	0.
91	-9.000	243.0	35.03	0.	0.
92	-9.100	245.7	35.01	0.	0.
93	-9.200	248.4	35.00	0.	0.
94	-9.300	251.1	35.00	0.	0.
95	-9.400	253.8	35.00	0.	0.
96	-9.500	256.5	35.00	0.	0.
97	-9.600	259.2	35.00	0.	0.
98	-9.700	261.9	35.00	0.	0.
99	-9.800	264.6	35.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	81.00	0.	0.	0.
32	-3.100	83.70	0.	0.	0.
33	-3.200	86.40	0.	0.	0.
34	-3.300	89.10	0.	0.	0.
35	-3.400	91.80	0.	0.	0.

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	0.	0.	0.
37	-3.600	97.20	0.	0.	0.
38	-3.700	99.90	0.	0.	0.
39	-3.800	102.6	0.	0.	0.
40	-3.900	105.3	0.	0.	0.
41	-4.000	108.0	0.	0.	0.
42	-4.100	110.7	0.	0.	0.
43	-4.200	126.3	63.17	0.	0.
44	-4.300	123.6	60.45	0.	0.
45	-4.400	122.3	58.46	0.	0.
46	-4.500	122.4	57.14	0.	0.
47	-4.600	124.2	56.35	0.	0.
48	-4.700	126.9	55.85	0.	0.
49	-4.800	129.6	55.61	0.	0.
50	-4.900	132.3	55.62	0.	0.
51	-5.000	135.0	55.78	0.	0.
52	-5.100	137.7	55.98	0.	0.
53	-5.200	140.4	56.19	0.	0.
54	-5.300	143.1	56.37	0.	0.
55	-5.400	145.8	56.52	0.	0.
56	-5.500	148.5	56.62	0.	0.
57	-5.600	151.2	56.68	0.	0.
58	-5.700	153.9	56.71	0.	0.
59	-5.800	156.7	56.73	0.	0.
60	-5.900	159.4	56.73	0.	0.
61	-6.000	162.1	56.73	0.	0.
62	-6.100	164.7	56.72	0.	0.
63	-6.200	167.4	56.71	0.	0.
64	-6.300	170.1	56.71	0.	0.
65	-6.400	172.8	56.71	0.	0.
66	-6.500	175.5	56.70	0.	0.
67	-6.600	178.2	56.70	0.	0.
68	-6.700	180.9	56.70	0.	0.
69	-6.800	217.9	108.9	0.	0.
70	-6.900	207.8	102.6	0.	0.
71	-7.000	200.6	97.60	0.	0.
72	-7.100	196.3	94.12	0.	0.
73	-7.200	194.6	91.92	0.	0.
74	-7.300	197.1	90.36	0.	0.
75	-7.400	199.8	89.55	0.	0.
76	-7.500	202.5	89.42	0.	0.
77	-7.600	205.2	89.69	0.	0.
78	-7.700	207.9	90.12	0.	0.
79	-7.800	210.6	90.59	0.	0.
80	-7.900	213.3	91.01	0.	0.
81	-8.000	216.0	91.35	0.	0.

History 0 - Paratia 2 Sez_M- H = 6.8 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	91.59	0.	0.
83	-8.200	221.4	91.75	0.	0.
84	-8.300	224.2	91.83	0.	0.
85	-8.400	226.9	91.86	0.	0.
86	-8.500	229.6	91.87	0.	0.
87	-8.600	232.3	91.86	0.	0.
88	-8.700	235.0	91.85	0.	0.
89	-8.800	237.7	91.84	0.	0.
90	-8.900	240.3	91.82	0.	0.
91	-9.000	243.0	91.81	0.	0.
92	-9.100	245.7	91.81	0.	0.
93	-9.200	248.4	91.80	0.	0.
94	-9.300	251.1	91.80	0.	0.
95	-9.400	253.8	91.80	0.	0.
96	-9.500	256.5	91.80	0.	0.
97	-9.600	259.2	91.79	0.	0.
98	-9.700	261.9	91.80	0.	0.
99	-9.800	264.6	91.80	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1296.5	1296.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1296.5	1296.5
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	16550.	16550.
RAPPORTO PASSIVA/VERA	12.765	12.765
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

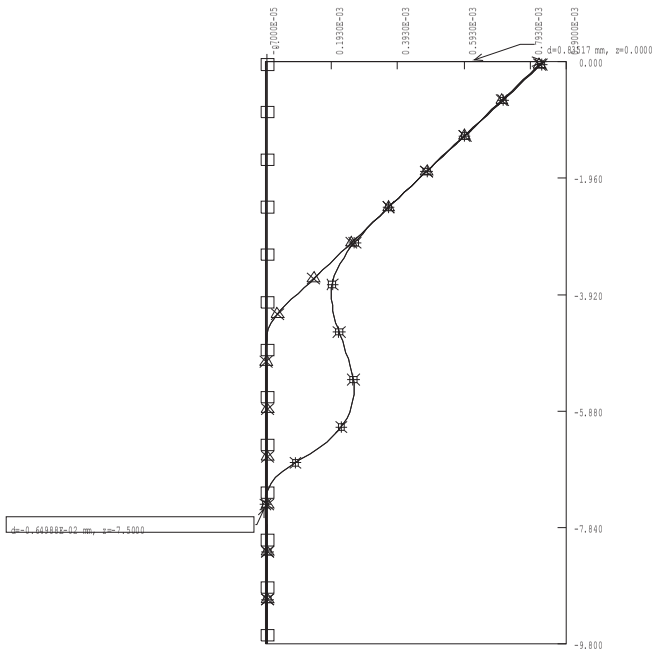
FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1065.4	1065.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1065.4	1065.4
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	22803.	6587.6
RAPPORTO PASSIVA/VERA	21.404	6.1835
SPINTA PASSIVA MOBILITATA	5.%	16.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1065.4	1065.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1065.4	1065.4
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	22803.	6587.6
RAPPORTO PASSIVA/VERA	21.404	6.1835
SPINTA PASSIVA MOBILITATA	5.%	16.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	687.60	686.26
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	687.60	686.26
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	22803.	2580.6
RAPPORTO PASSIVA/VERA	33.163	3.7604
SPINTA PASSIVA MOBILITATA	3.%	27.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	687.58	686.26
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	687.58	686.26
SPINTA ATTIVA (POSSIBILE)	2.2190	0.
SPINTA PASSIVA (POSSIBILE)	22803.	2580.6
RAPPORTO PASSIVA/VERA	33.164	3.7604
SPINTA PASSIVA MOBILITATA	3.%	27.%
RAPPORTO VERA/ATTIVA	309.86	0.10000E+06

OUTPUT PLOTS:

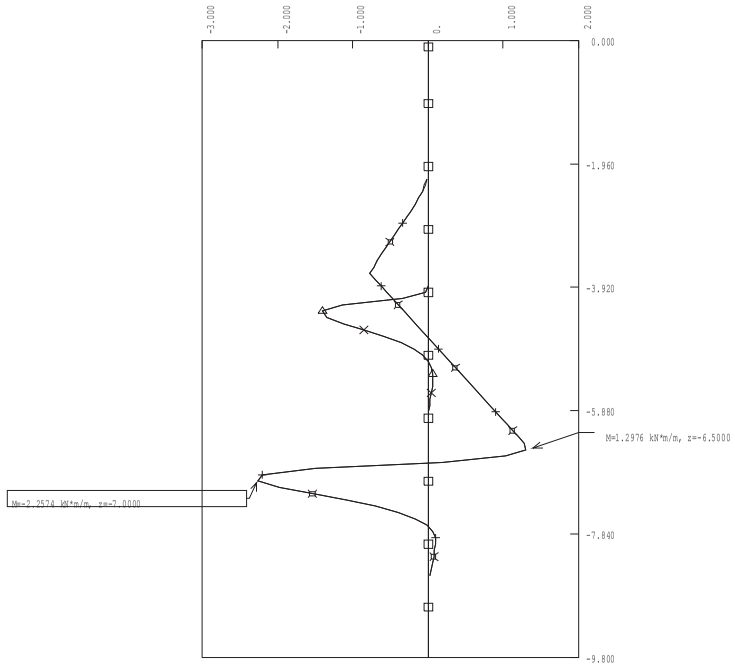


step 5
step 4
step 3
step 2
step 1

FATTORE SCALA: 0.80 - FATTORE AMPLIF.: 5260.13
DEFORMATA PASSI 1 / 5 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:40:29

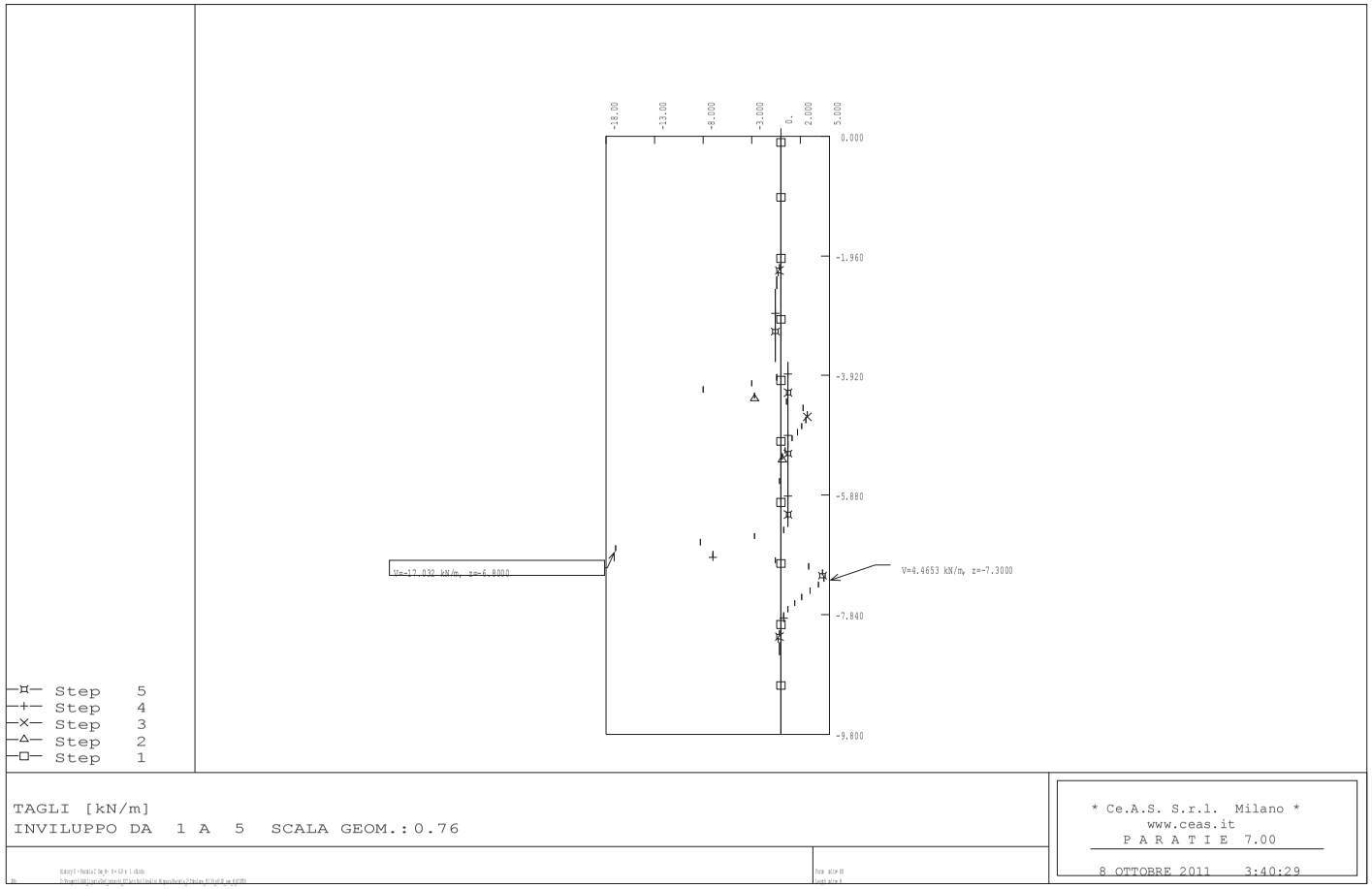


—¤— Step 5
—+— Step 4
—×— Step 3
—△— Step 2
—□— Step 1

MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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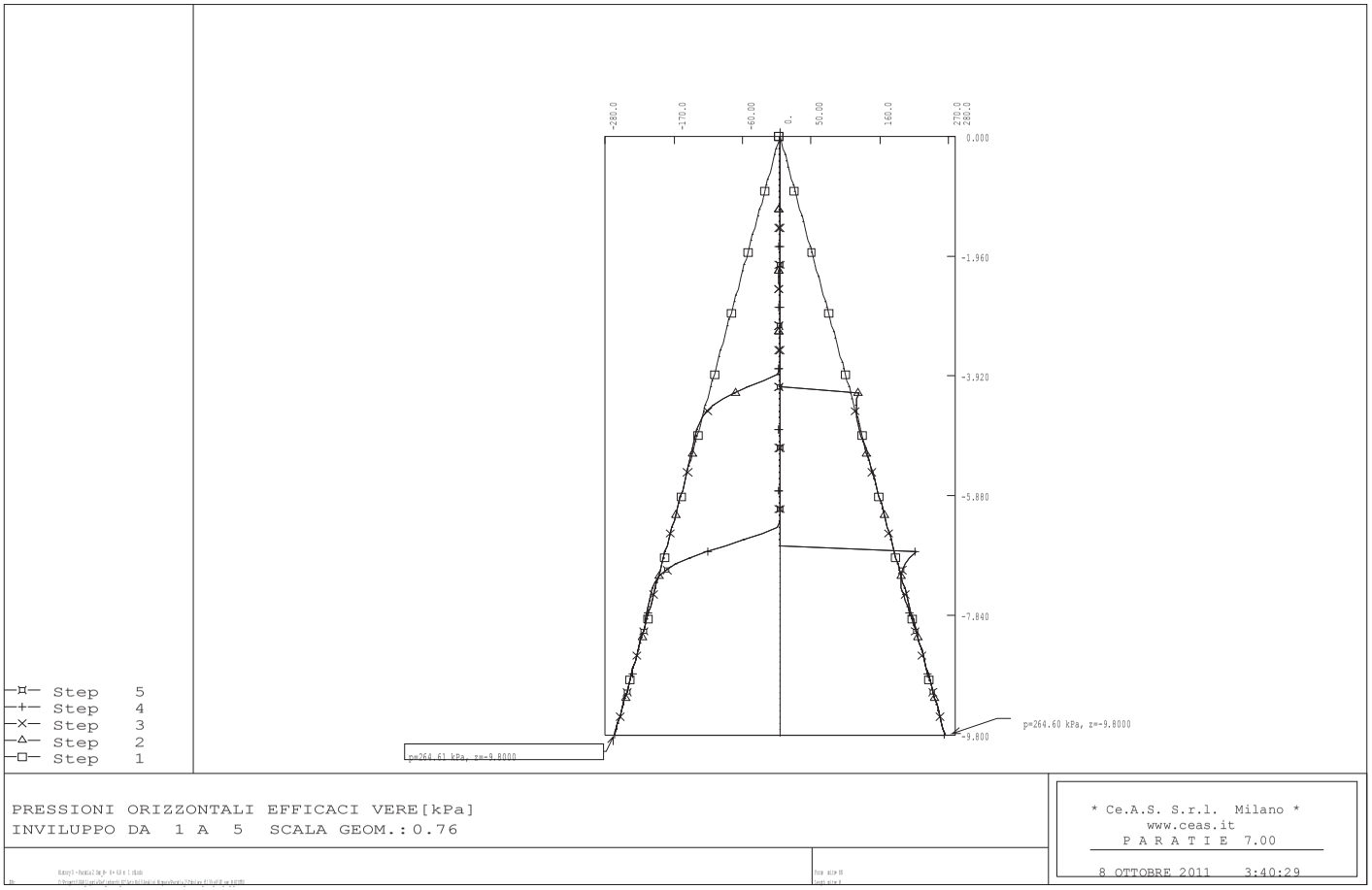
8 OTTOBRE 2011 3:40:29



TAGLI [kN/m]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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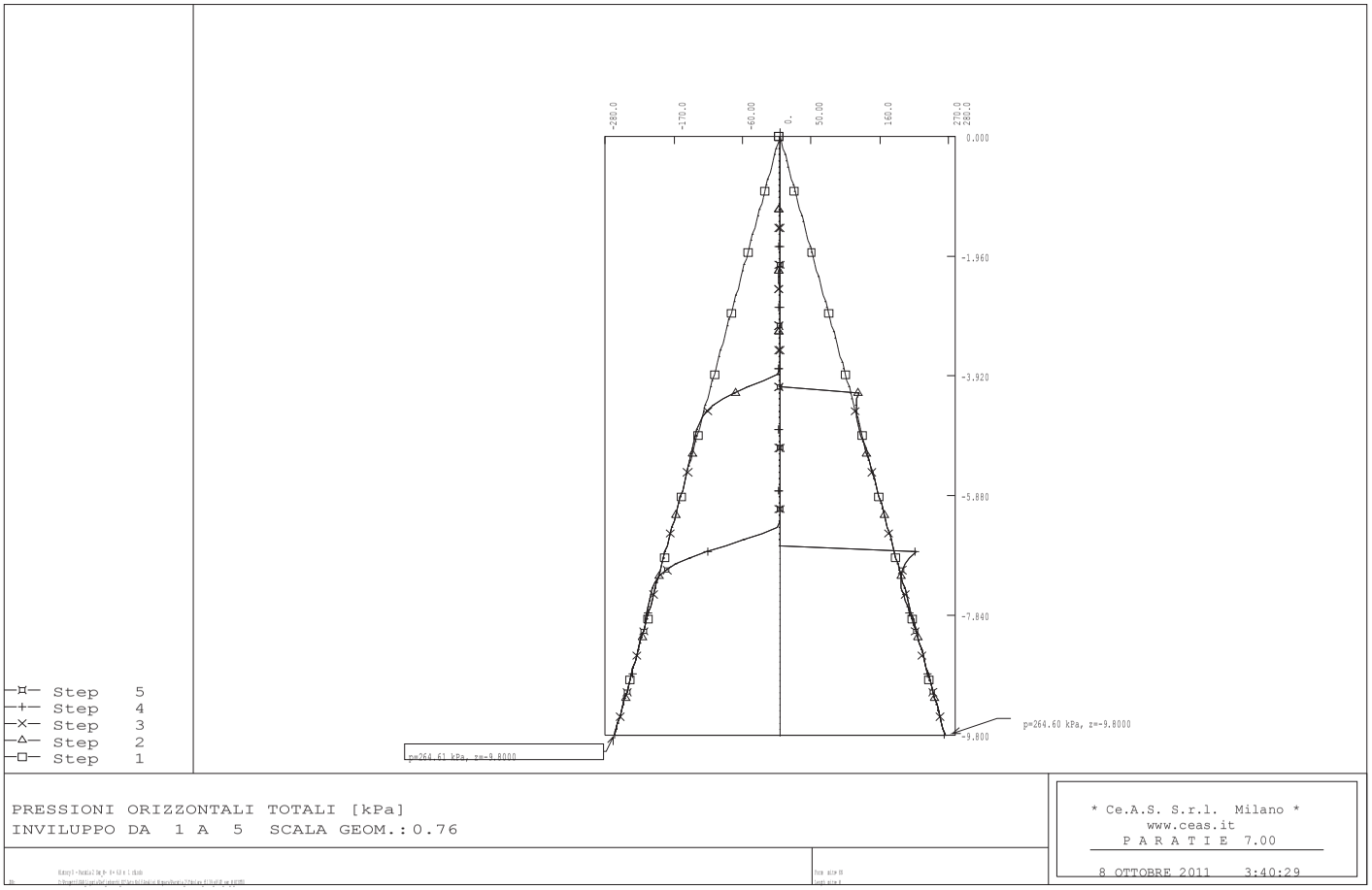
8 OTTOBRE 2011 3:40:29



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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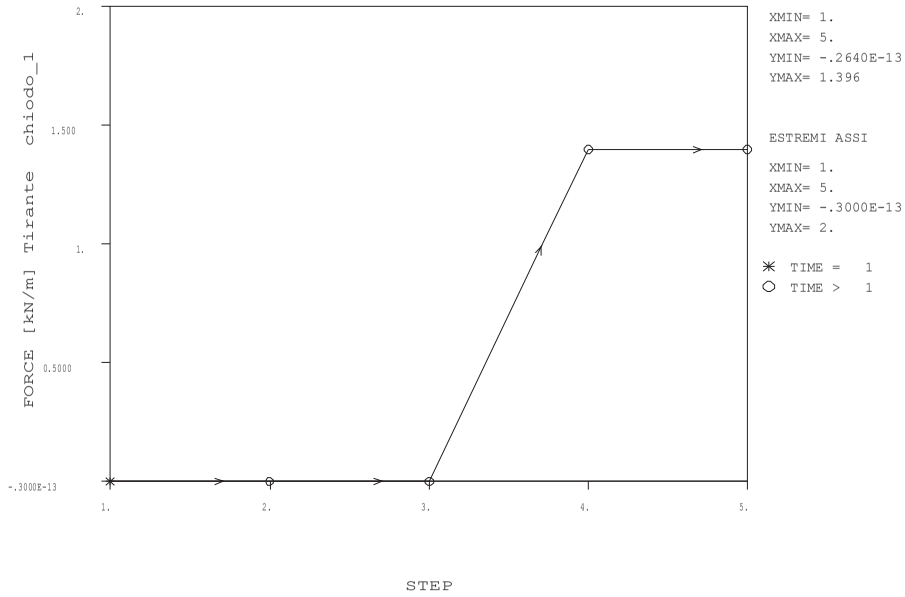
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.76

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	-.2640E-13
4.	1.396
5.	1.396



XMIN= 1.
XMAX= 5.
YMIN= -.2640E-13
YMAX= 1.396

ESTREMI ASSI

XMIN= 1.
XMAX= 5.
YMIN= -.3000E-13
YMAX= 2.

✳ TIME = 1
○ TIME > 1

DAL PASSO 1 AL PASSO 5
DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice L

P2 - Sezione L – Tabulati di calcolo PARATIE

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:42:07

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -10.8 0
  15: *
  16: soil UHLeft LeftWall -10.8 0 1 0
  17: soil DHLeft LeftWall -10.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -10.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -3.6 Acciaio_chiodi 0.000105 0 20
  25: wire chiodo_2 LeftWall -6.1 Acciaio_chiodi 0.000105 0 20
  26: *
  27: * Soil Profile
  28: *
  29:     ldata          2_ 0
  30:         weight     27 27 0
  31:         atrest     1 0 1 1
  32:         resistance 80 38 0.195942 9.11404
  33:         young      2E+006 3E+006
  34:     endlayer
  35: *
  36: step 1 :  geostatica
  37:     setwall LeftWall
  38:         geom 0 0
```

N. comando

```
 39: endstep
 40: *
 41: step 2 :  scavo a  quota -4.1 m+sovraccarico 70 kPa
 42:     setwall LeftWall
 43:         geom 0 -4.1
 44:         surcharge 70 0 0 0
 45: endstep
 46: *
 47: step 3 :  inserimento primo chiodo
 48:     setwall LeftWall
 49:         geom 0 -4.1
 50:         surcharge 70 0 0 0
 51:         add chiodo_1
 52: endstep
 53: *
 54: step 4 :  scavo a quota -6.6 m
 55:     setwall LeftWall
 56:         geom 0 -6.6
 57:         surcharge 70 0 0 0
 58: endstep
 59: *
 60: step 5 :  inserimento secondo chiodo
 61:     setwall LeftWall
 62:         geom 0 -6.6
 63:         surcharge 70 0 0 0
 64:         add chiodo_2
 65: endstep
 66: *
 67: step 6 :  scavo finale -7.6 m
 68:     setwall LeftWall
 69:         geom 0 -7.6
 70:         surcharge 70 0 0 0
 71: endstep
 72: *
 73: step 7 :  sisma kh=0.114
 74:     change 2_ U-KA=0.261
 75:     setwall LeftWall
 76:         geom 0 -7.6
 77:         surcharge 70 0 0 0
 78: endstep
 79: *
 80: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 2_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -10.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -4.1000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 70.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -10.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -4.1000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 70.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-10.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.6000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	70.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-10.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.6000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	70.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-10.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-7.6000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	70.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-10.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-7.6000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	70.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-10.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-10.80	UPHILL	0.
DHLeft	LeftWall	0.	-10.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-10.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.600	_	0.1050E-03	0.	20.00
chiodo_2	LeftWall	-6.100	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	13	SI
3	2	SI
4	7	SI
5	2	SI
6	7	SI
7	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.77546277E-03	-0.18079601E-03
2	0.75738318E-03	-0.18079601E-03
3	0.73930359E-03	-0.18079601E-03
4	0.72122400E-03	-0.18079601E-03
5	0.70314441E-03	-0.18079601E-03
6	0.68506476E-03	-0.18079601E-03
7	0.66698517E-03	-0.18079601E-03
8	0.64890558E-03	-0.18079601E-03
9	0.63082599E-03	-0.18079601E-03
10	0.61274640E-03	-0.18079601E-03
11	0.59466681E-03	-0.18079601E-03
12	0.57658716E-03	-0.18079601E-03
13	0.55850757E-03	-0.18079601E-03
14	0.54042798E-03	-0.18079601E-03
15	0.52234839E-03	-0.18079601E-03
16	0.50426880E-03	-0.18079601E-03
17	0.48618918E-03	-0.18079601E-03
18	0.46810959E-03	-0.18079601E-03
19	0.45003000E-03	-0.18079601E-03
20	0.43195038E-03	-0.18079601E-03
21	0.41387079E-03	-0.18079601E-03
22	0.39579120E-03	-0.18079601E-03
23	0.37771158E-03	-0.18079601E-03
24	0.35963199E-03	-0.18079601E-03
25	0.34155240E-03	-0.18079601E-03
26	0.32347278E-03	-0.18079601E-03
27	0.30539319E-03	-0.18079601E-03
28	0.28731360E-03	-0.18079601E-03
29	0.26923398E-03	-0.18079601E-03
30	0.25115439E-03	-0.18079601E-03
31	0.23307478E-03	-0.18079601E-03
32	0.21499519E-03	-0.18079601E-03
33	0.19691559E-03	-0.18079601E-03
34	0.17883598E-03	-0.18079601E-03
35	0.16075639E-03	-0.18079601E-03
36	0.14267678E-03	-0.18079601E-03
37	0.12459718E-03	-0.18079601E-03
38	0.10651758E-03	-0.18079601E-03
39	0.88437984E-04	-0.18079601E-03
40	0.70372022E-04	-0.18038694E-03
41	0.52503034E-04	-0.17570476E-03
42	0.35704394E-04	-0.15682285E-03
43	0.21594844E-04	-0.12424953E-03

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.10938995E-04	-0.89140914E-04
45	0.36427778E-05	-0.57748766E-04
46	-0.82545904E-06	-0.32797623E-04
47	-0.31472455E-05	-0.14761437E-04
48	-0.39845754E-05	-0.29301186E-05
49	-0.38996773E-05	0.39089587E-05
50	-0.33245062E-05	0.70963551E-05
51	-0.25611846E-05	0.78603989E-05
52	-0.17998468E-05	0.72018343E-05
53	-0.11435342E-05	0.58617734E-05
54	-0.63367094E-06	0.43363480E-05
55	-0.27267976E-06	0.29184694E-05
56	-0.41608697E-07	0.17516422E-05
57	0.87473680E-07	0.87956471E-06
58	0.14364451E-06	0.28769540E-06
59	0.15284277E-06	-0.69273533E-07
60	0.13568240E-06	-0.24946470E-06
61	0.10695702E-06	-0.30943994E-06
62	0.76216061E-07	-0.29676568E-06
63	0.48828959E-07	-0.24733927E-06
64	0.27159189E-07	-0.18558337E-06
65	0.11632879E-07	-0.12620964E-06
66	0.15913444E-08	-0.76613354E-07
67	-0.40956927E-08	-0.39194099E-07
68	-0.66376042E-08	-0.13478706E-07
69	-0.71207298E-08	0.23578135E-08
70	-0.64173595E-08	0.10654790E-07
71	-0.51643605E-08	0.13714105E-07
72	-0.37834860E-08	0.13505001E-07
73	-0.25215905E-08	0.11548995E-07
74	-0.14963447E-08	0.89132586E-08
75	-0.73925549E-09	0.62680208E-08
76	-0.23092905E-09	0.39771284E-08
77	0.72960048E-10	0.21899320E-08
78	0.22436758E-09	0.92204311E-09
79	0.27266736E-09	0.11311484E-09
80	0.25904132E-09	-0.33429037E-09
81	0.21438555E-09	-0.52440741E-09
82	0.15964247E-09	-0.55004579E-09
83	0.10741494E-09	-0.48452792E-09
84	0.64033778E-10	-0.38010314E-09
85	0.31579548E-10	-0.27012106E-09
86	0.95807346E-11	-0.17300381E-09
87	-0.37087429E-11	-0.96512451E-10
88	-0.10445216E-10	-0.41724939E-10
89	-0.12696116E-10	-0.62089821E-11

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.12198240E-10	0.13970143E-10
91	-0.10272221E-10	0.23045227E-10
92	-0.78319747E-11	0.24836922E-10
93	-0.54450082E-11	0.22423490E-10
94	-0.34123951E-11	0.18056492E-10
95	-0.18492133E-11	0.13224389E-10
96	-0.75401691E-12	0.87972954E-11
97	-0.62314743E-13	0.51933844E-11
98	0.31603526E-12	0.25307326E-11
99	0.47319001E-12	0.74882879E-12
100	0.49000203E-12	-0.30704443E-12
101	0.42968810E-12	-0.82570902E-12
102	0.33675737E-12	-0.98745881E-12
103	0.23908450E-12	-0.94256374E-12
104	0.15137459E-12	-0.80376981E-12
105	0.78922925E-13	-0.64720440E-12
106	0.21039104E-13	-0.51747723E-12
107	-0.26102586E-13	-0.43365198E-12
108	-0.67202429E-13	-0.39516090E-12
109	-0.10611708E-12	-0.38613936E-12

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.77546277E-03	-0.18079601E-03
2	0.75738318E-03	-0.18079601E-03
3	0.73930359E-03	-0.18079601E-03
4	0.72122400E-03	-0.18079601E-03
5	0.70314441E-03	-0.18079601E-03
6	0.68506476E-03	-0.18079601E-03
7	0.66698517E-03	-0.18079601E-03
8	0.64890558E-03	-0.18079601E-03
9	0.63082599E-03	-0.18079601E-03
10	0.61274640E-03	-0.18079601E-03
11	0.59466681E-03	-0.18079601E-03
12	0.57658716E-03	-0.18079601E-03
13	0.55850757E-03	-0.18079601E-03
14	0.54042798E-03	-0.18079601E-03
15	0.52234839E-03	-0.18079601E-03
16	0.50426880E-03	-0.18079601E-03
17	0.48618918E-03	-0.18079601E-03
18	0.46810959E-03	-0.18079601E-03
19	0.45003000E-03	-0.18079601E-03
20	0.43195038E-03	-0.18079601E-03
21	0.41387079E-03	-0.18079601E-03
22	0.39579120E-03	-0.18079601E-03
23	0.37771158E-03	-0.18079601E-03
24	0.35963199E-03	-0.18079601E-03
25	0.34155240E-03	-0.18079601E-03
26	0.32347278E-03	-0.18079601E-03
27	0.30539319E-03	-0.18079601E-03
28	0.28731360E-03	-0.18079601E-03
29	0.26923398E-03	-0.18079601E-03
30	0.25115439E-03	-0.18079601E-03
31	0.23307478E-03	-0.18079601E-03
32	0.21499519E-03	-0.18079601E-03
33	0.19691559E-03	-0.18079601E-03
34	0.17883598E-03	-0.18079601E-03
35	0.16075639E-03	-0.18079601E-03
36	0.14267678E-03	-0.18079601E-03
37	0.12459718E-03	-0.18079601E-03
38	0.10651758E-03	-0.18079601E-03
39	0.88437984E-04	-0.18079601E-03
40	0.70372022E-04	-0.18038694E-03
41	0.52503034E-04	-0.17570476E-03
42	0.35704394E-04	-0.15682285E-03
43	0.21594844E-04	-0.12424953E-03

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.10938995E-04	-0.89140914E-04
45	0.36427778E-05	-0.57748766E-04
46	-0.82545904E-06	-0.32797623E-04
47	-0.31472455E-05	-0.14761437E-04
48	-0.39845754E-05	-0.29301186E-05
49	-0.38996773E-05	0.39089587E-05
50	-0.33245062E-05	0.70963551E-05
51	-0.25611846E-05	0.78603989E-05
52	-0.17998468E-05	0.72018343E-05
53	-0.11435342E-05	0.58617734E-05
54	-0.63367094E-06	0.43363480E-05
55	-0.27267976E-06	0.29184694E-05
56	-0.41608697E-07	0.17516422E-05
57	0.87473680E-07	0.87956471E-06
58	0.14364451E-06	0.28769540E-06
59	0.15284277E-06	-0.69273518E-07
60	0.13568240E-06	-0.24946470E-06
61	0.10695703E-06	-0.30943994E-06
62	0.76216061E-07	-0.29676568E-06
63	0.48828962E-07	-0.24733930E-06
64	0.27159189E-07	-0.18558340E-06
65	0.11632875E-07	-0.12620971E-06
66	0.15913328E-08	-0.76613446E-07
67	-0.40957158E-08	-0.39194230E-07
68	-0.66376420E-08	-0.13478871E-07
69	-0.71207853E-08	0.23576276E-08
70	-0.64174333E-08	0.10654612E-07
71	-0.51644498E-08	0.13713986E-07
72	-0.37835810E-08	0.13505018E-07
73	-0.25216762E-08	0.11549144E-07
74	-0.14964127E-08	0.89134549E-08
75	-0.73930378E-09	0.62682113E-08
76	-0.23095971E-09	0.39772874E-08
77	0.72943276E-10	0.21900501E-08
78	0.22436064E-09	0.92212221E-09
79	0.27266664E-09	0.11316146E-09
80	0.25904398E-09	-0.33426789E-09
81	0.21438959E-09	-0.52440108E-09
82	0.15964662E-09	-0.55004890E-09
83	0.10741851E-09	-0.48453552E-09
84	0.64036512E-10	-0.38011197E-09
85	0.31581425E-10	-0.27012917E-09
86	0.95818778E-11	-0.17301033E-09
87	-0.37081609E-11	-0.96517155E-10
88	-0.10445019E-10	-0.41727986E-10
89	-0.12696154E-10	-0.62107030E-11

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.12198399E-10	0.13969386E-10
91	-0.10272423E-10	0.23045101E-10
92	-0.78321681E-11	0.24837160E-10
93	-0.54451686E-11	0.22423887E-10
94	-0.34125138E-11	0.18056915E-10
95	-0.18492916E-11	0.13224765E-10
96	-0.75406147E-12	0.87975929E-11
97	-0.62333541E-13	0.51936025E-11
98	0.31603466E-12	0.25308811E-11
99	0.47320150E-12	0.74892360E-12
100	0.49002084E-12	-0.30699033E-12
101	0.42971060E-12	-0.82568837E-12
102	0.33678027E-12	-0.98747247E-12
103	0.23910455E-12	-0.94260374E-12
104	0.15139008E-12	-0.80381887E-12
105	0.78933455E-13	-0.64725330E-12
106	0.21044923E-13	-0.51752244E-12
107	-0.26101092E-13	-0.43369347E-12
108	-0.67204963E-13	-0.39520034E-12
109	-0.10612352E-12	-0.38617823E-12

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.77651953E-03	-0.18038179E-03
2	0.75848139E-03	-0.18038179E-03
3	0.74044318E-03	-0.18038179E-03
4	0.72240504E-03	-0.18038179E-03
5	0.70436683E-03	-0.18038179E-03
6	0.68632863E-03	-0.18038179E-03
7	0.66829048E-03	-0.18038179E-03
8	0.65025227E-03	-0.18038179E-03
9	0.63221343E-03	-0.18040267E-03
10	0.61416999E-03	-0.18047751E-03
11	0.59611554E-03	-0.18062409E-03
12	0.57804253E-03	-0.18084871E-03
13	0.55994326E-03	-0.18114914E-03
14	0.54181047E-03	-0.18151668E-03
15	0.52363815E-03	-0.18193714E-03
16	0.50542189E-03	-0.18239126E-03
17	0.48715959E-03	-0.18285451E-03
18	0.46885171E-03	-0.18329704E-03
19	0.45050203E-03	-0.18368415E-03
20	0.43211863E-03	-0.18395919E-03
21	0.41371759E-03	-0.18401220E-03
22	0.39532938E-03	-0.18366927E-03
23	0.37700453E-03	-0.18270311E-03
24	0.35881816E-03	-0.18085442E-03
25	0.34087151E-03	-0.17786931E-03
26	0.32328875E-03	-0.17355109E-03
27	0.30620900E-03	-0.16780201E-03
28	0.28977674E-03	-0.16060127E-03
29	0.27413713E-03	-0.15194889E-03
30	0.25943536E-03	-0.14184485E-03
31	0.24581654E-03	-0.13028916E-03
32	0.23342590E-03	-0.11728182E-03
33	0.22240858E-03	-0.10282283E-03
34	0.21290973E-03	-0.86912187E-04
35	0.20507452E-03	-0.69549897E-04
36	0.19904814E-03	-0.50735947E-04
37	0.19497573E-03	-0.30470348E-04
38	0.19294203E-03	-0.10565685E-04
39	0.19279013E-03	0.71654586E-05
40	0.19430267E-03	0.22723081E-04
41	0.19726230E-03	0.36107183E-04
42	0.20145166E-03	0.47317764E-04
43	0.20665341E-03	0.56354824E-04

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21265018E-03	0.63218366E-04
45	0.21922462E-03	0.67908382E-04
46	0.22615941E-03	0.70424881E-04
47	0.23323715E-03	0.70767863E-04
48	0.24024052E-03	0.68937319E-04
49	0.24695217E-03	0.64933258E-04
50	0.25315472E-03	0.58755675E-04
51	0.25863084E-03	0.50404571E-04
52	0.26316318E-03	0.39879946E-04
53	0.26653439E-03	0.27181801E-04
54	0.26852710E-03	0.12310134E-04
55	0.26892396E-03	-0.47350518E-05
56	0.26750762E-03	-0.23953759E-04
57	0.26406077E-03	-0.45345987E-04
58	0.25836600E-03	-0.68911737E-04
59	0.25020595E-03	-0.94651004E-04
60	0.23936333E-03	-0.12256380E-03
61	0.22562075E-03	-0.15265010E-03
62	0.20876086E-03	-0.18490994E-03
63	0.18856631E-03	-0.21934329E-03
64	0.16484752E-03	-0.25511737E-03
65	0.13765493E-03	-0.28752844E-03
66	0.10782634E-03	-0.30540407E-03
67	0.77669683E-04	-0.29041310E-03
68	0.50795330E-04	-0.24387392E-03
69	0.29266686E-04	-0.18618109E-03
70	0.13508947E-04	-0.12999326E-03
71	0.29939069E-05	-0.82029255E-04
72	-0.32559246E-05	-0.44835844E-04
73	-0.63312741E-05	-0.18382798E-04
74	-0.72443263E-05	-0.12850129E-05
75	-0.68347454E-05	0.84187132E-05
76	-0.57392558E-05	0.12762266E-04
77	-0.44004164E-05	0.13562080E-04
78	-0.30961396E-05	0.12282906E-04
79	-0.19770705E-05	0.10006679E-04
80	-0.11037089E-05	0.74632940E-05
81	-0.47861897E-06	0.50936874E-05
82	-0.71691410E-07	0.31224815E-05
83	0.16169940E-06	0.16259373E-05
84	0.26875895E-06	0.58728000E-06
85	0.29213544E-06	-0.61975832E-07
86	0.26636940E-06	-0.41106287E-06
87	0.21696681E-06	-0.54883179E-06
88	0.16108393E-06	-0.55217390E-06
89	0.10900938E-06	-0.48119529E-06

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.65893005E-07	-0.37877277E-06
91	0.33379280E-07	-0.27261680E-06
92	0.10971410E-07	-0.17840793E-06
93	-0.29324800E-08	-0.10310432E-06
94	-0.10322219E-07	-0.47983661E-07
95	-0.13138146E-07	-0.11130990E-07
96	-0.13044378E-07	0.10842861E-07
97	-0.11339456E-07	0.21720224E-07
98	-0.89528012E-08	0.25023548E-07
99	-0.64895023E-08	0.23684205E-07
100	-0.42964201E-08	0.19931065E-07
101	-0.25319693E-08	0.15317520E-07
102	-0.12289041E-08	0.10824334E-07
103	-0.34515513E-09	0.69895658E-08
104	0.19838345E-09	0.40360302E-08
105	0.49196353E-09	0.19798743E-08
106	0.62060990E-09	0.71126666E-09
107	0.65456862E-09	0.53211002E-10
108	0.64484179E-09	-0.19715406E-09
109	0.62184019E-09	-0.24644684E-09

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.77656494E-03	-0.17991914E-03
2	0.75857289E-03	-0.17992170E-03
3	0.74058003E-03	-0.17993973E-03
4	0.72258408E-03	-0.17998357E-03
5	0.70458249E-03	-0.18005325E-03
6	0.68657257E-03	-0.18014872E-03
7	0.66855189E-03	-0.18027003E-03
8	0.65051770E-03	-0.18041713E-03
9	0.63246756E-03	-0.18059005E-03
10	0.61439886E-03	-0.18078880E-03
11	0.59630896E-03	-0.18101337E-03
12	0.57819532E-03	-0.18126373E-03
13	0.56005537E-03	-0.18153993E-03
14	0.54188626E-03	-0.18184881E-03
15	0.52368426E-03	-0.18219743E-03
16	0.50544564E-03	-0.18258030E-03
17	0.48716762E-03	-0.18298079E-03
18	0.46884976E-03	-0.18337261E-03
19	0.45049452E-03	-0.18372179E-03
20	0.43210873E-03	-0.18397055E-03
21	0.41370749E-03	-0.18400702E-03
22	0.39532030E-03	-0.18365501E-03
23	0.37699708E-03	-0.18268505E-03
24	0.35881257E-03	-0.18083600E-03
25	0.34086770E-03	-0.17785247E-03
26	0.32328648E-03	-0.17353673E-03
27	0.30620804E-03	-0.16779032E-03
28	0.28977683E-03	-0.16059211E-03
29	0.27413803E-03	-0.15194200E-03
30	0.25943681E-03	-0.14184001E-03
31	0.24581840E-03	-0.13028611E-03
32	0.23342800E-03	-0.11728032E-03
33	0.22241074E-03	-0.10282263E-03
34	0.21291187E-03	-0.86913053E-04
35	0.20507653E-03	-0.69551585E-04
36	0.19904994E-03	-0.50738217E-04
37	0.19497728E-03	-0.30472956E-04
38	0.19294333E-03	-0.10568429E-04
39	0.19279115E-03	0.71627383E-05
40	0.19430343E-03	0.22720547E-04
41	0.19726282E-03	0.36104997E-04
42	0.20145199E-03	0.47316029E-04
43	0.20665357E-03	0.56353547E-04

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21265024E-03	0.63217492E-04
45	0.21922462E-03	0.67907844E-04
46	0.22615936E-03	0.70424598E-04
47	0.23323708E-03	0.70767746E-04
48	0.24024045E-03	0.68937312E-04
49	0.24695208E-03	0.64933301E-04
50	0.25315466E-03	0.58755741E-04
51	0.25863078E-03	0.50404640E-04
52	0.26316315E-03	0.39880011E-04
53	0.26653433E-03	0.27181863E-04
54	0.26852704E-03	0.12310193E-04
55	0.26892393E-03	-0.47349981E-05
56	0.26750760E-03	-0.23953709E-04
57	0.26406074E-03	-0.45345943E-04
58	0.25836597E-03	-0.68911693E-04
59	0.25020595E-03	-0.94650968E-04
60	0.23936332E-03	-0.12256377E-03
61	0.22562075E-03	-0.15265007E-03
62	0.20876086E-03	-0.18490991E-03
63	0.18856631E-03	-0.21934327E-03
64	0.16484752E-03	-0.25511737E-03
65	0.13765493E-03	-0.28752844E-03
66	0.10782634E-03	-0.30540407E-03
67	0.77669683E-04	-0.29041307E-03
68	0.50795330E-04	-0.24387392E-03
69	0.29266686E-04	-0.18618109E-03
70	0.13508947E-04	-0.12999326E-03
71	0.29939074E-05	-0.82029255E-04
72	-0.32559244E-05	-0.44835844E-04
73	-0.63312737E-05	-0.18382800E-04
74	-0.72443263E-05	-0.12850134E-05
75	-0.68347454E-05	0.84187132E-05
76	-0.57392558E-05	0.12762266E-04
77	-0.44004164E-05	0.13562080E-04
78	-0.30961396E-05	0.12282906E-04
79	-0.19770705E-05	0.10006679E-04
80	-0.11037090E-05	0.74632940E-05
81	-0.47861897E-06	0.50936874E-05
82	-0.71691417E-07	0.31224815E-05
83	0.16169940E-06	0.16259373E-05
84	0.26875895E-06	0.58728006E-06
85	0.29213547E-06	-0.61975783E-07
86	0.26636943E-06	-0.41106284E-06
87	0.21696682E-06	-0.54883179E-06
88	0.16108395E-06	-0.55217390E-06
89	0.10900940E-06	-0.48119534E-06

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.65893019E-07	-0.37877282E-06
91	0.33379287E-07	-0.27261683E-06
92	0.10971414E-07	-0.17840796E-06
93	-0.29324785E-08	-0.10310434E-06
94	-0.10322220E-07	-0.47983679E-07
95	-0.13138147E-07	-0.11131003E-07
96	-0.13044381E-07	0.10842853E-07
97	-0.11339460E-07	0.21720220E-07
98	-0.89528047E-08	0.25023549E-07
99	-0.64895054E-08	0.23684210E-07
100	-0.42964228E-08	0.19931074E-07
101	-0.25319713E-08	0.15317527E-07
102	-0.12289054E-08	0.10824341E-07
103	-0.34515588E-09	0.69895707E-08
104	0.19838313E-09	0.40360337E-08
105	0.49196353E-09	0.19798769E-08
106	0.62061012E-09	0.71126849E-09
107	0.65456901E-09	0.53212292E-10
108	0.64484229E-09	-0.19715302E-09
109	0.62184080E-09	-0.24644584E-09

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.78267010E-03	-0.18452664E-03
2	0.76421746E-03	-0.18452664E-03
3	0.74576476E-03	-0.18452664E-03
4	0.72731212E-03	-0.18452664E-03
5	0.70885941E-03	-0.18452664E-03
6	0.69040677E-03	-0.18452664E-03
7	0.67195413E-03	-0.18452664E-03
8	0.65350143E-03	-0.18452664E-03
9	0.63504878E-03	-0.18452664E-03
10	0.61659614E-03	-0.18452664E-03
11	0.59814344E-03	-0.18452690E-03
12	0.57969074E-03	-0.18452779E-03
13	0.56123786E-03	-0.18452927E-03
14	0.54278487E-03	-0.18453100E-03
15	0.52433170E-03	-0.18453221E-03
16	0.50587847E-03	-0.18453166E-03
17	0.48742548E-03	-0.18452769E-03
18	0.46897313E-03	-0.18451817E-03
19	0.45052220E-03	-0.18449720E-03
20	0.43207541E-03	-0.18442411E-03
21	0.41364288E-03	-0.18418636E-03
22	0.39524987E-03	-0.18359673E-03
23	0.37694341E-03	-0.18241047E-03
24	0.35879685E-03	-0.18035241E-03
25	0.34091077E-03	-0.17715937E-03
26	0.32340930E-03	-0.17263663E-03
27	0.30643042E-03	-0.16670456E-03
28	0.29011560E-03	-0.15935583E-03
29	0.27460649E-03	-0.15059031E-03
30	0.26004476E-03	-0.14040804E-03
31	0.24657210E-03	-0.12880930E-03
32	0.23433010E-03	-0.11579462E-03
33	0.22346035E-03	-0.10136466E-03
34	0.21410432E-03	-0.85520282E-04
35	0.20640341E-03	-0.68262372E-04
36	0.20049894E-03	-0.49591676E-04
37	0.19653216E-03	-0.29508534E-04
38	0.19458258E-03	-0.98651963E-05
39	0.19448275E-03	0.74873428E-05
40	0.19600379E-03	0.22552586E-04
41	0.19891723E-03	0.35336492E-04
42	0.20299535E-03	0.45848090E-04
43	0.20801152E-03	0.54099895E-04

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21374054E-03	0.60108014E-04
45	0.21995979E-03	0.63915999E-04
46	0.22645405E-03	0.65633212E-04
47	0.23302309E-03	0.65450171E-04
48	0.23948975E-03	0.63636966E-04
49	0.24570743E-03	0.60532318E-04
50	0.25156586E-03	0.56516943E-04
51	0.25699299E-03	0.51966752E-04
52	0.26195354E-03	0.47246369E-04
53	0.26644731E-03	0.42677566E-04
54	0.27049897E-03	0.38406877E-04
55	0.27413896E-03	0.34444136E-04
56	0.27739807E-03	0.30789350E-04
57	0.28030711E-03	0.27442515E-04
58	0.28289683E-03	0.24403629E-04
59	0.28519810E-03	0.21672697E-04
60	0.28724165E-03	0.19249714E-04
61	0.28905828E-03	0.17134684E-04
62	0.29067884E-03	0.15327605E-04
63	0.29206375E-03	0.11718694E-04
64	0.29289219E-03	0.41981702E-05
65	0.29277301E-03	-0.72339676E-05
66	0.29131502E-03	-0.22577718E-04
67	0.28812708E-03	-0.41833082E-04
68	0.28281801E-03	-0.65000058E-04
69	0.27499668E-03	-0.92078655E-04
70	0.26427189E-03	-0.12306886E-03
71	0.25025252E-03	-0.15797067E-03
72	0.23254738E-03	-0.19678411E-03
73	0.21076530E-03	-0.23950916E-03
74	0.18457045E-03	-0.28448680E-03
75	0.15401289E-03	-0.32511621E-03
76	0.12014912E-03	-0.34768821E-03
77	0.85802487E-04	-0.33044285E-03
78	0.55317076E-04	-0.27550186E-03
79	0.31129734E-04	-0.20773239E-03
80	0.13690123E-04	-0.14237720E-03
81	0.23102903E-05	-0.87342123E-04
82	-0.42164997E-05	-0.45452973E-04
83	-0.72088756E-05	-0.16420967E-04
84	-0.78658331E-05	0.16568478E-05
85	-0.71585628E-05	0.11302967E-04
86	-0.58022970E-05	0.15037358E-04
87	-0.42755755E-05	0.15037213E-04
88	-0.28628356E-05	0.12997629E-04
89	-0.17039550E-05	0.10120891E-04

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.84090266E-06	0.71767972E-05
91	-0.25654563E-06	0.45942047E-05
92	0.96148007E-07	0.25579045E-05
93	0.27424318E-06	0.10978417E-05
94	0.33291653E-06	0.15378423E-06
95	0.31868876E-06	-0.37961144E-06
96	0.26687414E-06	-0.61661012E-06
97	0.20181500E-06	-0.66016105E-06
98	0.13853752E-06	-0.59284412E-06
99	0.84938371E-07	-0.47476121E-06
100	0.43958519E-07	-0.34548117E-06
101	0.15452100E-07	-0.22790216E-06
102	-0.23657434E-08	-0.13263796E-06
103	-0.11910656E-07	-0.62428640E-07
104	-0.15622152E-07	-0.15339738E-07
105	-0.15599525E-07	0.13121499E-07
106	-0.13444926E-07	0.28170515E-07
107	-0.10250072E-07	0.34680053E-07
108	-0.66605104E-08	0.36641758E-07
109	-0.29778866E-08	0.36918479E-07

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.78267005E-03	-0.18452389E-03
2	0.76421764E-03	-0.18452389E-03
3	0.74576528E-03	-0.18452390E-03
4	0.72731287E-03	-0.18452402E-03
5	0.70886046E-03	-0.18452430E-03
6	0.69040799E-03	-0.18452472E-03
7	0.67195552E-03	-0.18452530E-03
8	0.65350294E-03	-0.18452604E-03
9	0.63505030E-03	-0.18452694E-03
10	0.61659754E-03	-0.18452799E-03
11	0.59814466E-03	-0.18452920E-03
12	0.57969172E-03	-0.18453057E-03
13	0.56123856E-03	-0.18453211E-03
14	0.54278527E-03	-0.18453365E-03
15	0.52433187E-03	-0.18453454E-03
16	0.50587842E-03	-0.18453362E-03
17	0.48742525E-03	-0.18452924E-03
18	0.46897278E-03	-0.18451923E-03
19	0.45052179E-03	-0.18449764E-03
20	0.43207497E-03	-0.18442371E-03
21	0.41364256E-03	-0.18418481E-03
22	0.39524978E-03	-0.18359361E-03
23	0.37694373E-03	-0.18240533E-03
24	0.35879778E-03	-0.18034484E-03
25	0.34091261E-03	-0.17714904E-03
26	0.32341230E-03	-0.17262356E-03
27	0.30643484E-03	-0.16668931E-03
28	0.29012159E-03	-0.15933980E-03
29	0.27461405E-03	-0.15057542E-03
30	0.26005367E-03	-0.14039617E-03
31	0.24658197E-03	-0.12880204E-03
32	0.23434043E-03	-0.11579305E-03
33	0.22347053E-03	-0.10136919E-03
34	0.21411375E-03	-0.85530446E-04
35	0.20641160E-03	-0.68276844E-04
36	0.20050556E-03	-0.49608359E-04
37	0.19653709E-03	-0.29525010E-04
38	0.19458595E-03	-0.98796845E-05
39	0.19448482E-03	0.74755517E-05
40	0.19600482E-03	0.22543589E-04
41	0.19891748E-03	0.35330035E-04
42	0.20299507E-03	0.45843775E-04
43	0.20801090E-03	0.54097331E-04

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21373974E-03	0.60106908E-04
45	0.21995894E-03	0.63916224E-04
46	0.22645330E-03	0.65634827E-04
47	0.23302257E-03	0.65453409E-04
48	0.23948964E-03	0.63642219E-04
49	0.24570798E-03	0.60540031E-04
50	0.25156731E-03	0.56527519E-04
51	0.25699567E-03	0.51980369E-04
52	0.26195770E-03	0.47262729E-04
53	0.26645322E-03	0.42695610E-04
54	0.27050669E-03	0.38424401E-04
55	0.27414830E-03	0.34458870E-04
56	0.27740869E-03	0.30800100E-04
57	0.28031858E-03	0.27448907E-04
58	0.28290873E-03	0.24405877E-04
59	0.28521003E-03	0.21671371E-04
60	0.28725329E-03	0.19245555E-04
61	0.28906943E-03	0.17128461E-04
62	0.29068929E-03	0.15320065E-04
63	0.29207341E-03	0.11710315E-04
64	0.29290098E-03	0.41891608E-05
65	0.29278084E-03	-0.72433977E-05
66	0.29132192E-03	-0.22587361E-04
67	0.28813299E-03	-0.41842730E-04
68	0.28282299E-03	-0.65009503E-04
69	0.27500073E-03	-0.92087677E-04
70	0.26427506E-03	-0.12307726E-03
71	0.25025487E-03	-0.15797824E-03
72	0.23254903E-03	-0.19679063E-03
73	0.21076637E-03	-0.23951443E-03
74	0.18457106E-03	-0.28449073E-03
75	0.15401318E-03	-0.32511892E-03
76	0.12014919E-03	-0.34768987E-03
77	0.85802436E-04	-0.33044373E-03
78	0.55316963E-04	-0.27550219E-03
79	0.31129606E-04	-0.20773239E-03
80	0.13690003E-04	-0.14237703E-03
81	0.23101932E-05	-0.87341876E-04
82	-0.42165716E-05	-0.45452729E-04
83	-0.72089247E-05	-0.16420752E-04
84	-0.78658622E-05	0.16570167E-05
85	-0.71585778E-05	0.11303088E-04
86	-0.58023024E-05	0.15037436E-04
87	-0.42755751E-05	0.15037258E-04
88	-0.28628317E-05	0.12997648E-04
89	-0.17039503E-05	0.10120894E-04

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.84089794E-06	0.71767918E-05
91	-0.25654165E-06	0.45941956E-05
92	0.96151005E-07	0.25578945E-05
93	0.27424525E-06	0.10978329E-05
94	0.33291778E-06	0.15377724E-06
95	0.31868942E-06	-0.37961649E-06
96	0.26687439E-06	-0.61661342E-06
97	0.20181498E-06	-0.66016293E-06
98	0.13853737E-06	-0.59284497E-06
99	0.84938172E-07	-0.47476141E-06
100	0.43958323E-07	-0.34548100E-06
101	0.15451933E-07	-0.22790182E-06
102	-0.23658724E-08	-0.13263757E-06
103	-0.11910747E-07	-0.62428285E-07
104	-0.15622211E-07	-0.15339440E-07
105	-0.15599557E-07	0.13121739E-07
106	-0.13444937E-07	0.28170705E-07
107	-0.10250065E-07	0.34680209E-07
108	-0.66604886E-08	0.36641900E-07
109	-0.29778509E-08	0.36918614E-07

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.78267E-03	6
2	-0.10000	0.76422E-03	7
3	-0.20000	0.74577E-03	7
4	-0.30000	0.72731E-03	7
5	-0.40000	0.70886E-03	7
6	-0.50000	0.69041E-03	7
7	-0.60000	0.67196E-03	7
8	-0.70000	0.65350E-03	7
9	-0.80000	0.63505E-03	7
10	-0.90000	0.61660E-03	7
11	-1.0000	0.59814E-03	7
12	-1.1000	0.57969E-03	7
13	-1.2000	0.56124E-03	7
14	-1.3000	0.54279E-03	7
15	-1.4000	0.52433E-03	7
16	-1.5000	0.50588E-03	6
17	-1.6000	0.48743E-03	6
18	-1.7000	0.46897E-03	6
19	-1.8000	0.45052E-03	6
20	-1.9000	0.43212E-03	4
21	-2.0000	0.41387E-03	3
22	-2.1000	0.39579E-03	3
23	-2.2000	0.37771E-03	3
24	-2.3000	0.35963E-03	3
25	-2.4000	0.34155E-03	3
26	-2.5000	0.32347E-03	3
27	-2.6000	0.30643E-03	7
28	-2.7000	0.29012E-03	7
29	-2.8000	0.27461E-03	7
30	-2.9000	0.26005E-03	7
31	-3.0000	0.24658E-03	7
32	-3.1000	0.23434E-03	7
33	-3.2000	0.22347E-03	7
34	-3.3000	0.21411E-03	7
35	-3.4000	0.20641E-03	7
36	-3.5000	0.20051E-03	7
37	-3.6000	0.19654E-03	7
38	-3.7000	0.19459E-03	7

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.19448E-03	7
40	-3.9000	0.19600E-03	7
41	-4.0000	0.19892E-03	7
42	-4.1000	0.20300E-03	6
43	-4.2000	0.20801E-03	6
44	-4.3000	0.21374E-03	6
45	-4.4000	0.21996E-03	6
46	-4.5000	0.22645E-03	6
47	-4.6000	0.23324E-03	4
48	-4.7000	0.24024E-03	4
49	-4.8000	0.24695E-03	4
50	-4.9000	0.25315E-03	4
51	-5.0000	0.25863E-03	4
52	-5.1000	0.26316E-03	4
53	-5.2000	0.26653E-03	4
54	-5.3000	0.27051E-03	7
55	-5.4000	0.27415E-03	7
56	-5.5000	0.27741E-03	7
57	-5.6000	0.28032E-03	7
58	-5.7000	0.28291E-03	7
59	-5.8000	0.28521E-03	7
60	-5.9000	0.28725E-03	7
61	-6.0000	0.28907E-03	7
62	-6.1000	0.29069E-03	7
63	-6.2000	0.29207E-03	7
64	-6.3000	0.29290E-03	7
65	-6.4000	0.29278E-03	7
66	-6.5000	0.29132E-03	7
67	-6.6000	0.28813E-03	7
68	-6.7000	0.28282E-03	7
69	-6.8000	0.27500E-03	7
70	-6.9000	0.26428E-03	7
71	-7.0000	0.25025E-03	7
72	-7.1000	0.23255E-03	7
73	-7.2000	0.21077E-03	7
74	-7.3000	0.18457E-03	7
75	-7.4000	0.15401E-03	7
76	-7.5000	0.12015E-03	7
77	-7.6000	0.85802E-04	6
78	-7.7000	0.55317E-04	6
79	-7.8000	0.31130E-04	6
80	-7.9000	0.13690E-04	6
81	-8.0000	0.23103E-05	6
82	-8.1000	-0.42166E-05	7
83	-8.2000	-0.72089E-05	7
84	-8.3000	-0.78659E-05	7

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	-0.71586E-05	7
86	-8.5000	-0.58023E-05	7
87	-8.6000	-0.42756E-05	6
88	-8.7000	-0.28628E-05	6
89	-8.8000	-0.17040E-05	6
90	-8.9000	-0.84090E-06	6
91	-9.0000	-0.25655E-06	6
92	-9.1000	0.96151E-07	7
93	-9.2000	0.27425E-06	7
94	-9.3000	0.33292E-06	7
95	-9.4000	0.31869E-06	7
96	-9.5000	0.26687E-06	7
97	-9.6000	0.20181E-06	6
98	-9.7000	0.13854E-06	6
99	-9.8000	0.84938E-07	6
100	-9.9000	0.43959E-07	6
101	-10.000	0.15452E-07	6
102	-10.100	-0.23659E-08	7
103	-10.200	-0.11911E-07	7
104	-10.300	-0.15622E-07	7
105	-10.400	-0.15600E-07	7
106	-10.500	-0.13445E-07	7
107	-10.600	-0.10250E-07	6
108	-10.700	-0.66605E-08	6
109	-10.800	-0.29779E-08	6

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 7
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.1652E-12	0.4547E-12	0.1938E-02
	B	-0.1000	0.2287E-06	0.1938E-03	0.1938E-02
2	A	-0.1000	0.2287E-06	0.1938E-03	0.9758E-02
	B	-0.2000	0.3197E-12	0.1170E-02	0.9758E-02
3	A	-0.2000	0.5507E-12	0.1170E-02	0.9758E-02
	B	-0.3000	0.1855E-11	0.2145E-02	0.9758E-02
4	A	-0.3000	0.1656E-11	0.2145E-02	0.9758E-02
	B	-0.4000	0.2373E-11	0.3121E-02	0.9758E-02
5	A	-0.4000	0.2283E-11	0.3121E-02	0.9758E-02
	B	-0.5000	0.2029E-11	0.4097E-02	0.9758E-02
6	A	-0.5000	0.1837E-11	0.4097E-02	0.9758E-02
	B	-0.6000	0.2466E-11	0.5073E-02	0.9758E-02
7	A	-0.6000	0.2368E-11	0.5073E-02	0.9758E-02
	B	-0.7000	0.1858E-11	0.6049E-02	0.9758E-02
8	A	-0.7000	0.1720E-11	0.6049E-02	0.1579E-01
	B	-0.8000	0.1791E-11	0.7025E-02	0.1579E-01
9	A	-0.8000	0.1483E-11	0.7025E-02	0.2501E-01
	B	-0.9000	0.2036E-11	0.8000E-02	0.2501E-01
10	A	-0.9000	0.2077E-11	0.8000E-02	0.2923E-01
	B	-1.000	0.	0.8976E-02	0.2923E-01
11	A	-1.000	0.	0.8976E-02	0.2976E-01
	B	-1.100	0.	0.9979E-02	0.2976E-01
12	A	-1.100	0.	0.9979E-02	0.2756E-01
	B	-1.200	0.	0.1273E-01	0.2756E-01
13	A	-1.200	0.	0.1273E-01	0.2317E-01
	B	-1.300	0.	0.1505E-01	0.2317E-01
14	A	-1.300	0.	0.1505E-01	0.1685E-01
	B	-1.400	0.	0.1674E-01	0.1685E-01
15	A	-1.400	0.	0.1674E-01	0.1078E-01
	B	-1.500	0.8204E-04	0.1760E-01	0.1078E-01
16	A	-1.500	0.8204E-04	0.1760E-01	0.2531E-02
	B	-1.600	0.2494E-03	0.1743E-01	0.2531E-02
17	A	-1.600	0.2494E-03	0.1743E-01	0.1397E-01
	B	-1.700	0.5069E-03	0.1603E-01	0.1397E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.5069E-03	0.1603E-01	0.2793E-01
	B	-1.800	0.1125E-02	0.1324E-01	0.2793E-01
19	A	-1.800	0.1125E-02	0.1324E-01	0.5681E-01
	B	-1.900	0.4463E-02	0.7556E-02	0.5681E-01
20	A	-1.900	0.4463E-02	0.7556E-02	0.1110
	B	-2.000	0.1360E-01	0.	0.1110
21	A	-2.000	0.1360E-01	0.	0.1883
	B	-2.100	0.3110E-01	0.	0.1883
22	A	-2.100	0.3110E-01	0.	0.2829
	B	-2.200	0.5874E-01	0.	0.2829
23	A	-2.200	0.5874E-01	0.	0.3843
	B	-2.300	0.9704E-01	0.	0.3843
24	A	-2.300	0.9704E-01	0.	0.4753
	B	-2.400	0.1446	0.	0.4753
25	A	-2.400	0.1446	0.	0.5330
	B	-2.500	0.1976	0.	0.5330
26	A	-2.500	0.1976	0.	0.5487
	B	-2.600	0.2511	0.	0.5487
27	A	-2.600	0.2511	0.	0.5488
	B	-2.700	0.3046	0.	0.5488
28	A	-2.700	0.3046	0.	0.5488
	B	-2.800	0.3581	0.	0.5488
29	A	-2.800	0.3581	0.	0.5488
	B	-2.900	0.4117	0.	0.5488
30	A	-2.900	0.4117	0.	0.5488
	B	-3.000	0.4652	0.	0.5488
31	A	-3.000	0.4652	0.	0.5488
	B	-3.100	0.5191	0.	0.5488
32	A	-3.100	0.5191	0.	0.5488
	B	-3.200	0.5740	0.	0.5488
33	A	-3.200	0.5740	0.	0.5488
	B	-3.300	0.6289	0.	0.5488
34	A	-3.300	0.6289	0.	0.5488
	B	-3.400	0.6837	0.	0.5488
35	A	-3.400	0.6837	0.	0.5488
	B	-3.500	0.7386	0.	0.5488
36	A	-3.500	0.7386	0.	0.5488
	B	-3.600	0.7935	0.	0.5488
37	A	-3.600	0.7935	0.	0.8664
	B	-3.700	0.7113	0.	0.8664
38	A	-3.700	0.7113	0.	0.8655
	B	-3.800	0.6292	0.	0.8655
39	A	-3.800	0.6292	0.	0.8638
	B	-3.900	0.5470	0.	0.8638
40	A	-3.900	0.5470	0.	2.921
	B	-4.000	0.4649	0.	2.921

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.4649	0.	7.814
	B	-4.100	1.104	0.	7.814
42	A	-4.100	1.104	0.	2.537
	B	-4.200	1.358	0.	2.537
43	A	-4.200	1.358	0.	0.8448
	B	-4.300	1.296	0.	0.8448
44	A	-4.300	1.296	0.	2.189
	B	-4.400	1.077	0.	2.189
45	A	-4.400	1.077	0.	2.680
	B	-4.500	0.8092	0.	2.680
46	A	-4.500	0.8092	0.	2.548
	B	-4.600	0.5544	0.4065E-01	2.548
47	A	-4.600	0.5544	0.4065E-01	2.143
	B	-4.700	0.3401	0.1103	2.143
48	A	-4.700	0.3401	0.1103	1.631
	B	-4.800	0.1770	0.1924	1.631
49	A	-4.800	0.1770	0.1924	1.130
	B	-4.900	0.6400E-01	0.2746	1.130
50	A	-4.900	0.6400E-01	0.2746	0.8216
	B	-5.000	0.	0.3568	0.8216
51	A	-5.000	0.	0.3568	0.8216
	B	-5.100	0.	0.4389	0.8216
52	A	-5.100	0.	0.4389	0.8216
	B	-5.200	0.	0.5211	0.8216
53	A	-5.200	0.	0.5211	0.8216
	B	-5.300	0.	0.6032	0.8216
54	A	-5.300	0.	0.6032	0.8216
	B	-5.400	0.	0.6854	0.8216
55	A	-5.400	0.	0.6854	0.8216
	B	-5.500	0.	0.7675	0.8216
56	A	-5.500	0.	0.7675	0.8216
	B	-5.600	0.	0.8497	0.8216
57	A	-5.600	0.	0.8497	0.8216
	B	-5.700	0.	0.9319	0.8216
58	A	-5.700	0.	0.9319	0.8216
	B	-5.800	0.	1.014	0.8216
59	A	-5.800	0.	1.014	0.8216
	B	-5.900	0.	1.096	0.8216
60	A	-5.900	0.	1.096	0.8216
	B	-6.000	0.	1.178	0.8216
61	A	-6.000	0.	1.178	0.8216
	B	-6.100	0.1456E-02	1.261	0.8216
62	A	-6.100	0.1456E-02	1.261	1.479
	B	-6.200	0.2281E-02	1.343	1.479
63	A	-6.200	0.2281E-02	1.343	1.479
	B	-6.300	0.2388E-02	1.362	1.479

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.2388E-02	1.362	2.734
	B	-6.400	0.2101E-02	1.088	2.734
65	A	-6.400	0.2101E-02	1.088	8.254
	B	-6.500	0.1649E-02	0.6539	8.254
66	A	-6.500	0.1649E-02	0.6539	16.59
	B	-6.600	1.396	0.8018	16.59
67	A	-6.600	1.396	0.8018	7.258
	B	-6.700	2.122	0.9496	7.258
68	A	-6.700	2.122	0.9496	1.479
	B	-6.800	2.240	1.098	1.479
69	A	-6.800	2.240	1.098	2.312
	B	-6.900	2.008	1.245	2.312
70	A	-6.900	2.008	1.245	3.905
	B	-7.000	1.618	1.393	3.905
71	A	-7.000	1.618	1.393	4.238
	B	-7.100	1.194	1.541	4.238
72	A	-7.100	1.194	1.541	3.882
	B	-7.200	0.8058	1.689	3.882
73	A	-7.200	0.8058	1.689	3.191
	B	-7.300	0.4868	1.711	3.191
74	A	-7.300	0.4868	1.711	3.512
	B	-7.400	0.2468	1.360	3.512
75	A	-7.400	0.2468	1.360	10.14
	B	-7.500	0.8154E-01	0.3462	10.14
76	A	-7.500	0.8154E-01	0.3462	19.96
	B	-7.600	1.650	0.2107E-01	19.96
77	A	-7.600	1.650	0.2107E-01	8.536
	B	-7.700	2.504	0.7563E-01	8.536
78	A	-7.700	2.504	0.7563E-01	1.163
	B	-7.800	2.620	0.9645E-01	1.163
79	A	-7.800	2.620	0.9645E-01	2.988
	B	-7.900	2.321	0.9583E-01	2.988
80	A	-7.900	2.321	0.9583E-01	4.814
	B	-8.000	1.840	0.8331E-01	4.814
81	A	-8.000	1.840	0.8331E-01	5.124
	B	-8.100	1.327	0.6571E-01	5.124
82	A	-8.100	1.327	0.6571E-01	4.596
	B	-8.200	0.8676	0.4743E-01	4.596
83	A	-8.200	0.8676	0.4743E-01	3.685
	B	-8.300	0.4991	0.3109E-01	3.685
84	A	-8.300	0.4991	0.3109E-01	2.689
	B	-8.400	0.2302	0.1799E-01	2.689
85	A	-8.400	0.2302	0.1799E-01	1.780
	B	-8.500	0.5214E-01	0.8401E-02	1.780
86	A	-8.500	0.5214E-01	0.8401E-02	1.043
	B	-8.600	0.2469E-05	0.5215E-01	1.043

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.2469E-05	0.5215E-01	0.4989
	B	-8.700	0.1762E-02	0.1020	0.4989
88	A	-8.700	0.1762E-02	0.1020	0.1340
	B	-8.800	0.3604E-02	0.1154	0.1340
89	A	-8.800	0.3604E-02	0.1154	0.8310E-01
	B	-8.900	0.4139E-02	0.1071	0.8310E-01
90	A	-8.900	0.4139E-02	0.1071	0.1902
	B	-9.000	0.3886E-02	0.8811E-01	0.1902
91	A	-9.000	0.3886E-02	0.8811E-01	0.2228
	B	-9.100	0.3236E-02	0.6583E-01	0.2228
92	A	-9.100	0.3236E-02	0.6583E-01	0.2128
	B	-9.200	0.2457E-02	0.4455E-01	0.2128
93	A	-9.200	0.2457E-02	0.4455E-01	0.1773
	B	-9.300	0.1710E-02	0.2682E-01	0.1773
94	A	-9.300	0.1710E-02	0.2682E-01	0.1332
	B	-9.400	0.1076E-02	0.1350E-01	0.1332
95	A	-9.400	0.1076E-02	0.1350E-01	0.9088E-01
	B	-9.500	0.5853E-03	0.4415E-02	0.9088E-01
96	A	-9.500	0.5853E-03	0.4415E-02	0.5537E-01
	B	-9.600	0.1122E-02	0.1185E-06	0.5537E-01
97	A	-9.600	0.1122E-02	0.1185E-06	0.2845E-01
	B	-9.700	0.3967E-02	0.8283E-07	0.2845E-01
98	A	-9.700	0.3967E-02	0.8283E-07	0.9929E-02
	B	-9.800	0.4960E-02	0.1139E-03	0.9929E-02
99	A	-9.800	0.4960E-02	0.1139E-03	0.1464E-02
	B	-9.900	0.4814E-02	0.1698E-03	0.1464E-02
100	A	-9.900	0.4814E-02	0.1698E-03	0.7382E-02
	B	-10.00	0.4075E-02	0.1790E-03	0.7382E-02
101	A	-10.00	0.4075E-02	0.1790E-03	0.9488E-02
	B	-10.10	0.3127E-02	0.1607E-03	0.9488E-02
102	A	-10.10	0.3127E-02	0.1607E-03	0.9454E-02
	B	-10.20	0.2181E-02	0.1292E-03	0.9454E-02
103	A	-10.20	0.2181E-02	0.1292E-03	0.8025E-02
	B	-10.30	0.1379E-02	0.9409E-04	0.8025E-02
104	A	-10.30	0.1379E-02	0.9409E-04	0.6057E-02
	B	-10.40	0.7730E-03	0.6136E-04	0.6057E-02
105	A	-10.40	0.7730E-03	0.6136E-04	0.4082E-02
	B	-10.50	0.3647E-03	0.3455E-04	0.4082E-02
106	A	-10.50	0.3647E-03	0.3455E-04	0.2374E-02
	B	-10.60	0.1274E-03	0.1520E-04	0.2374E-02
107	A	-10.60	0.1274E-03	0.1520E-04	0.1065E-02
	B	-10.70	0.2092E-04	0.3727E-05	0.1065E-02
108	A	-10.70	0.2092E-04	0.3727E-05	0.2092E-03
	B	-10.80	0.1985E-22	0.1735E-17	0.2092E-03

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -3.6000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA 0.97722E-13 kN/m
FASE 4 FORZA 1.4583 kN/m
FASE 5 FORZA 1.4583 kN/m
FASE 6 FORZA 1.4905 kN/m
FASE 7 FORZA 1.4906 kN/m

TIRANTE chiodo_2 1 PARETE LeftWall QUOTA -6.1000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 FORZA -0.87011E-07 kN/m
FASE 6 FORZA 1.6974 kN/m
FASE 7 FORZA 1.6976 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 7
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.4575E-04	35.00	0.	0.
2	-0.1000	2.700	36.35	0.	0.
3	-0.2000	5.400	37.70	0.	0.
4	-0.3000	8.100	39.05	0.	0.
5	-0.4000	10.80	40.40	0.	0.
6	-0.5000	13.50	41.75	0.	0.
7	-0.6000	16.20	43.10	0.	0.
8	-0.7000	18.90	44.45	0.	0.
9	-0.8000	21.60	45.80	0.	0.
10	-0.9000	24.30	47.15	0.	0.
11	-1.000	27.00	48.50	0.	0.
12	-1.100	29.70	49.85	0.	0.
13	-1.200	32.40	51.20	0.	0.
14	-1.300	35.10	52.55	0.	0.
15	-1.400	37.80	53.90	0.	0.
16	-1.500	40.50	55.25	0.	0.
17	-1.600	43.20	56.60	0.	0.
18	-1.700	45.90	57.95	0.	0.
19	-1.800	48.60	59.30	0.	0.
20	-1.900	51.30	60.65	0.	0.
21	-2.000	54.00	62.00	0.	0.
22	-2.100	56.70	63.35	0.	0.
23	-2.200	59.40	64.70	0.	0.
24	-2.300	62.10	66.05	0.	0.
25	-2.400	64.80	67.40	0.	0.
26	-2.500	67.50	68.75	0.	0.
27	-2.600	70.20	70.10	0.	0.
28	-2.700	72.90	71.45	0.	0.
29	-2.800	75.60	72.80	0.	0.
30	-2.900	78.30	74.15	0.	0.
31	-3.000	81.00	75.50	0.	0.
32	-3.100	83.70	76.85	0.	0.
33	-3.200	86.40	78.20	0.	0.
34	-3.300	89.10	79.55	0.	0.
35	-3.400	91.80	80.90	0.	0.

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	82.25	0.	0.
37	-3.600	97.20	83.60	0.	0.
38	-3.700	99.90	84.95	0.	0.
39	-3.800	102.6	86.30	0.	0.
40	-3.900	105.3	87.65	0.	0.
41	-4.000	108.0	89.00	0.	0.
42	-4.100	110.7	90.35	0.	0.
43	-4.200	113.4	91.70	0.	0.
44	-4.300	116.1	93.05	0.	0.
45	-4.400	118.8	94.40	0.	0.
46	-4.500	122.1	95.75	0.	0.
47	-4.600	126.6	97.10	0.	0.
48	-4.700	129.9	98.45	0.	0.
49	-4.800	132.5	99.80	0.	0.
50	-4.900	134.8	101.2	0.	0.
51	-5.000	136.9	102.5	0.	0.
52	-5.100	139.0	103.8	0.	0.
53	-5.200	141.2	105.2	0.	0.
54	-5.300	143.5	106.6	0.	0.
55	-5.400	146.0	107.9	0.	0.
56	-5.500	148.5	109.2	0.	0.
57	-5.600	151.2	110.6	0.	0.
58	-5.700	153.9	111.9	0.	0.
59	-5.800	156.6	113.3	0.	0.
60	-5.900	159.3	114.7	0.	0.
61	-6.000	162.0	116.0	0.	0.
62	-6.100	164.7	117.3	0.	0.
63	-6.200	167.4	118.7	0.	0.
64	-6.300	170.1	120.1	0.	0.
65	-6.400	172.8	121.4	0.	0.
66	-6.500	175.5	122.8	0.	0.
67	-6.600	178.2	124.1	0.	0.
68	-6.700	180.9	125.4	0.	0.
69	-6.800	183.6	126.8	0.	0.
70	-6.900	186.3	128.1	0.	0.
71	-7.000	189.0	129.5	0.	0.
72	-7.100	193.6	130.9	0.	0.
73	-7.200	198.0	125.9	0.	0.
74	-7.300	201.2	114.9	0.	0.
75	-7.400	203.7	101.8	0.	0.
76	-7.500	205.8	87.14	0.	0.
77	-7.600	207.7	72.28	0.	0.
78	-7.700	209.7	59.07	0.	0.
79	-7.800	211.7	48.59	0.	0.
80	-7.900	213.9	41.01	0.	0.
81	-8.000	216.3	36.06	0.	0.

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	221.1	35.00	0.	0.
83	-8.200	225.5	35.07	0.	0.
84	-8.300	228.6	35.11	0.	0.
85	-8.400	230.9	35.12	0.	0.
86	-8.500	232.8	35.11	0.	0.
87	-8.600	234.6	35.09	0.	0.
88	-8.700	236.5	35.07	0.	0.
89	-8.800	238.6	35.05	0.	0.
90	-8.900	240.8	35.03	0.	0.
91	-9.000	243.1	35.01	0.	0.
92	-9.100	245.7	35.04	0.	0.
93	-9.200	248.4	35.12	0.	0.
94	-9.300	251.1	35.14	0.	0.
95	-9.400	253.8	35.14	0.	0.
96	-9.500	256.5	35.12	0.	0.
97	-9.600	259.2	35.09	0.	0.
98	-9.700	261.9	35.06	0.	0.
99	-9.800	264.6	35.04	0.	0.
100	-9.900	267.3	35.02	0.	0.
101	-10.00	270.0	35.01	0.	0.
102	-10.10	272.7	35.00	0.	0.
103	-10.20	275.4	35.00	0.	0.
104	-10.30	278.1	35.00	0.	0.
105	-10.40	280.8	35.00	0.	0.
106	-10.50	283.5	35.00	0.	0.
107	-10.60	286.2	35.00	0.	0.
108	-10.70	288.9	35.00	0.	0.
109	-10.80	291.6	35.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 7
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	81.00	0.	0.	0.
32	-3.100	83.70	0.	0.	0.
33	-3.200	86.40	0.	0.	0.
34	-3.300	89.10	0.	0.	0.
35	-3.400	91.80	0.	0.	0.

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	0.	0.	0.
37	-3.600	97.20	0.	0.	0.
38	-3.700	99.90	0.	0.	0.
39	-3.800	102.6	0.	0.	0.
40	-3.900	105.3	0.	0.	0.
41	-4.000	108.0	0.	0.	0.
42	-4.100	123.3	61.65	0.	0.
43	-4.200	120.7	58.99	0.	0.
44	-4.300	119.5	57.04	0.	0.
45	-4.400	119.6	55.75	0.	0.
46	-4.500	121.5	55.00	0.	0.
47	-4.600	124.2	54.51	0.	0.
48	-4.700	126.9	54.28	0.	0.
49	-4.800	129.6	54.31	0.	0.
50	-4.900	132.3	54.46	0.	0.
51	-5.000	135.0	54.66	0.	0.
52	-5.100	137.7	54.87	0.	0.
53	-5.200	140.4	55.04	0.	0.
54	-5.300	143.1	55.18	0.	0.
55	-5.400	145.8	55.28	0.	0.
56	-5.500	148.5	55.34	0.	0.
57	-5.600	151.2	55.37	0.	0.
58	-5.700	154.0	55.38	0.	0.
59	-5.800	156.7	55.38	0.	0.
60	-5.900	159.3	55.37	0.	0.
61	-6.000	162.0	55.37	0.	0.
62	-6.100	164.7	55.36	0.	0.
63	-6.200	167.4	55.36	0.	0.
64	-6.300	170.1	55.35	0.	0.
65	-6.400	172.8	55.35	0.	0.
66	-6.500	175.5	55.35	0.	0.
67	-6.600	205.2	102.6	0.	0.
68	-6.700	198.3	97.82	0.	0.
69	-6.800	193.5	94.03	0.	0.
70	-6.900	190.7	91.29	0.	0.
71	-7.000	189.8	89.48	0.	0.
72	-7.100	191.7	88.25	0.	0.
73	-7.200	194.4	87.45	0.	0.
74	-7.300	197.1	87.21	0.	0.
75	-7.400	199.8	87.31	0.	0.
76	-7.500	202.5	87.60	0.	0.
77	-7.600	244.9	122.5	0.	0.
78	-7.700	233.5	115.4	0.	0.
79	-7.800	224.9	109.8	0.	0.
80	-7.900	219.5	105.7	0.	0.
81	-8.000	217.0	103.1	0.	0.

History 0 - Paratia 2 Sez_L- H = 7.6 m 2 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	218.7	101.2	0.	0.
83	-8.200	221.5	100.1	0.	0.
84	-8.300	224.2	99.86	0.	0.
85	-8.400	226.9	100.1	0.	0.
86	-8.500	229.6	100.6	0.	0.
87	-8.600	232.3	101.1	0.	0.
88	-8.700	235.0	101.6	0.	0.
89	-8.800	237.6	102.0	0.	0.
90	-8.900	240.3	102.3	0.	0.
91	-9.000	243.0	102.5	0.	0.
92	-9.100	245.7	102.6	0.	0.
93	-9.200	248.5	102.7	0.	0.
94	-9.300	251.3	102.7	0.	0.
95	-9.400	253.9	102.7	0.	0.
96	-9.500	256.6	102.7	0.	0.
97	-9.600	259.3	102.6	0.	0.
98	-9.700	262.0	102.6	0.	0.
99	-9.800	264.6	102.6	0.	0.
100	-9.900	267.3	102.6	0.	0.
101	-10.00	270.0	102.6	0.	0.
102	-10.10	272.7	102.6	0.	0.
103	-10.20	275.4	102.6	0.	0.
104	-10.30	278.1	102.6	0.	0.
105	-10.40	280.8	102.6	0.	0.
106	-10.50	283.5	102.6	0.	0.
107	-10.60	286.2	102.6	0.	0.
108	-10.70	288.9	102.6	0.	0.
109	-10.80	291.6	102.6	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1574.6	1574.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1574.6	1574.6
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	19568.	19568.
RAPPORTO PASSIVA/VERA	12.427	12.427
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1354.5	1354.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1354.5	1354.5
SPINTA ATTIVA (POSSIBILE)	0.13865E-02	0.
SPINTA PASSIVA (POSSIBILE)	26458.	8783.7
RAPPORTO PASSIVA/VERA	19.534	6.4849
SPINTA PASSIVA MOBILITATA	5.%	15.%
RAPPORTO VERA/ATTIVA	0.97695E+06	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1354.5	1354.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1354.5	1354.5
SPINTA ATTIVA (POSSIBILE)	0.13865E-02	0.
SPINTA PASSIVA (POSSIBILE)	26458.	8783.7
RAPPORTO PASSIVA/VERA	19.534	6.4849
SPINTA PASSIVA MOBILITATA	5.%	15.%
RAPPORTO VERA/ATTIVA	0.97695E+06	0.10000E+06

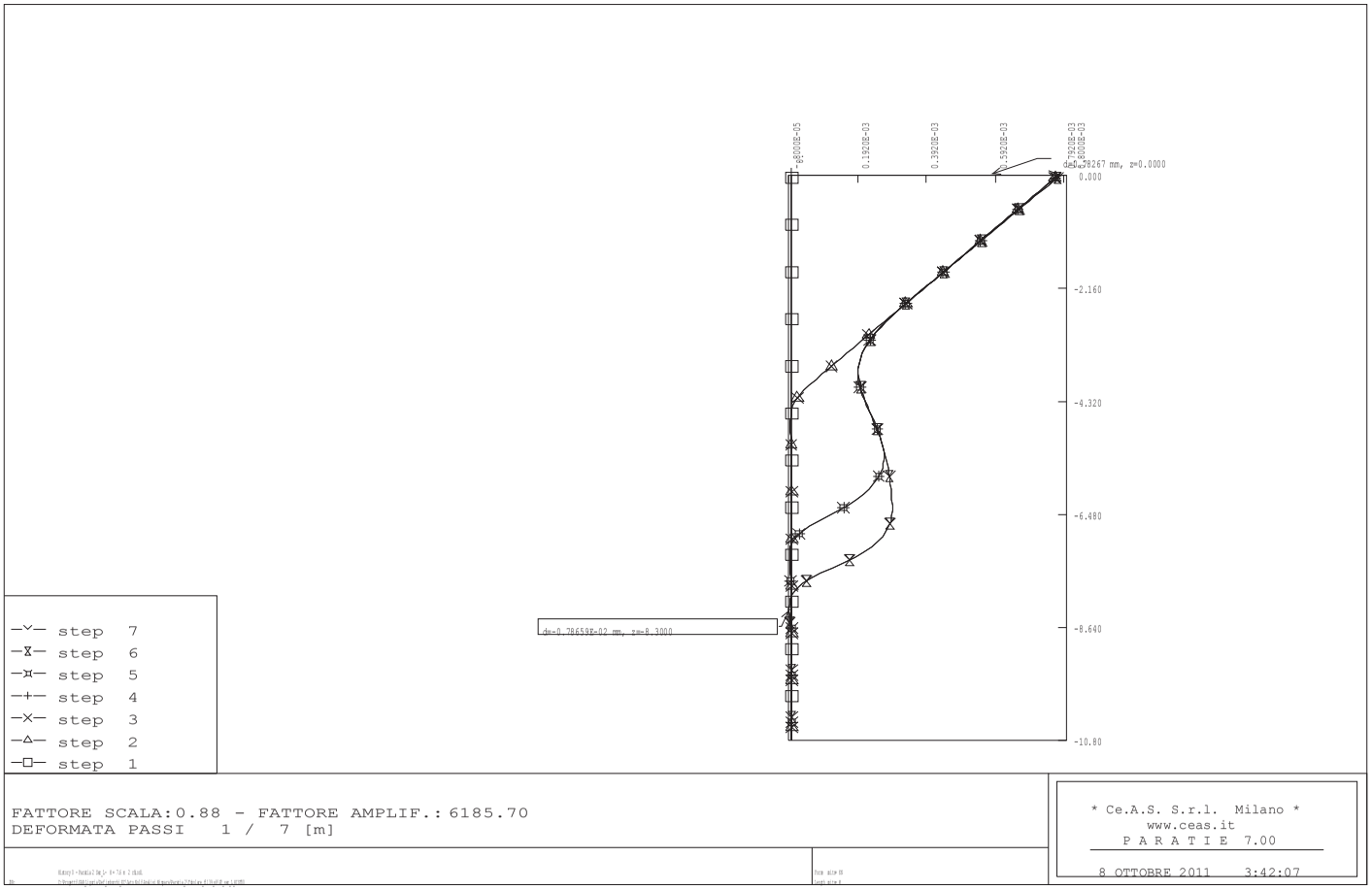
FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1000.8	999.37
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1000.8	999.37
SPINTA ATTIVA (POSSIBILE)	0.13865E-02	0.
SPINTA PASSIVA (POSSIBILE)	26458.	4223.3
RAPPORTO PASSIVA/VERA	26.438	4.2260
SPINTA PASSIVA MOBILITATA	4.%	24.%
RAPPORTO VERA/ATTIVA	0.72182E+06	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1000.8	999.37
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1000.8	999.37
SPINTA ATTIVA (POSSIBILE)	0.13865E-02	0.
SPINTA PASSIVA (POSSIBILE)	26458.	4223.3
RAPPORTO PASSIVA/VERA	26.438	4.2260
SPINTA PASSIVA MOBILITATA	4.%	24.%
RAPPORTO VERA/ATTIVA	0.72181E+06	0.10000E+06

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	813.96	810.95
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	813.96	810.95
SPINTA ATTIVA (POSSIBILE)	0.13865E-02	0.
SPINTA PASSIVA (POSSIBILE)	26458.	2829.8
RAPPORTO PASSIVA/VERA	32.505	3.4894
SPINTA PASSIVA MOBILITATA	3.%	29.%
RAPPORTO VERA/ATTIVA	0.58708E+06	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	813.95	810.95
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	813.95	810.95
SPINTA ATTIVA (POSSIBILE)	11.332	0.
SPINTA PASSIVA (POSSIBILE)	26458.	2829.8
RAPPORTO PASSIVA/VERA	32.506	3.4894
SPINTA PASSIVA MOBILITATA	3.%	29.%
RAPPORTO VERA/ATTIVA	71.827	0.10000E+06

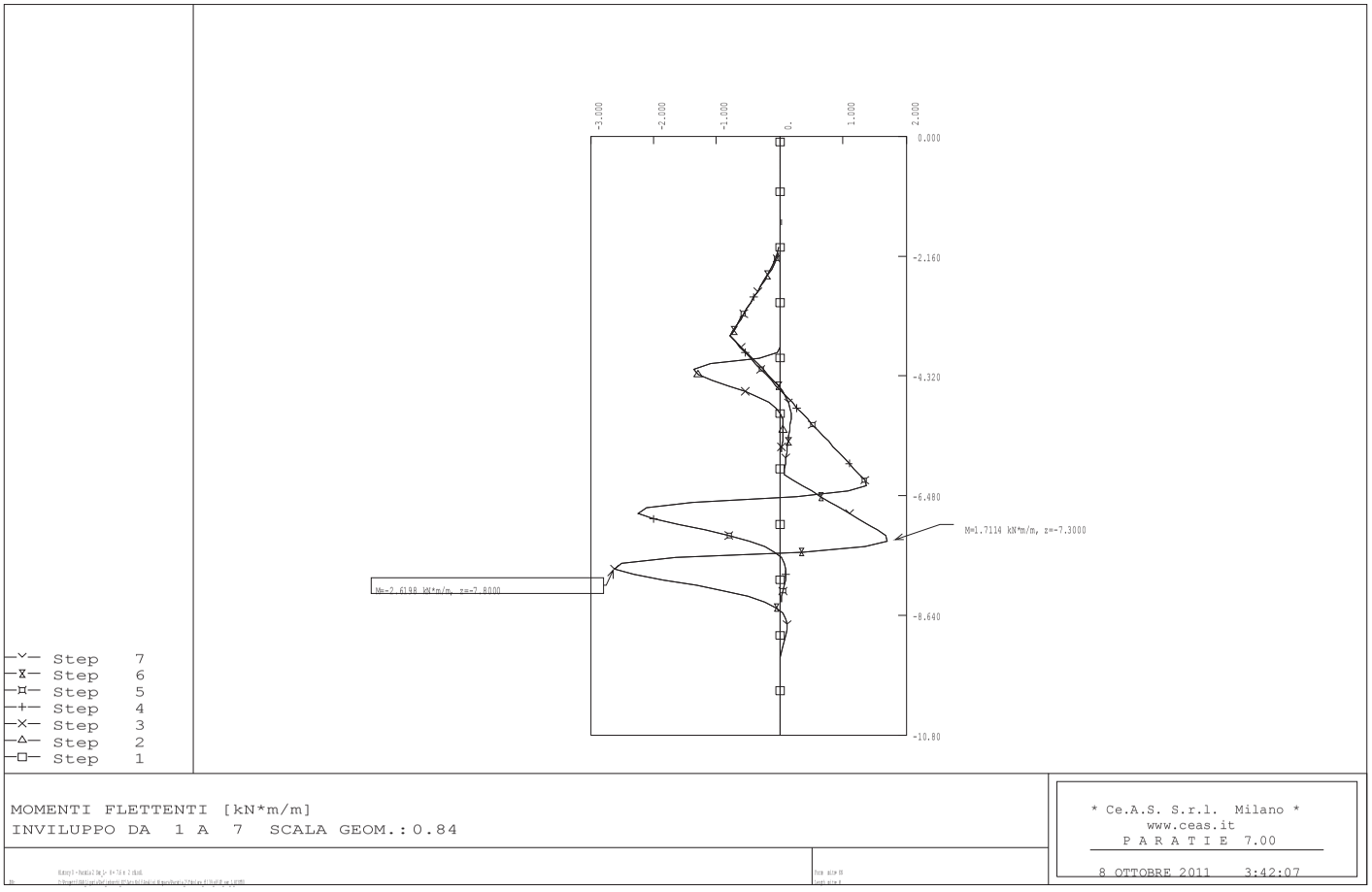
OUTPUT PLOTS:



FATTORE SCALA: 0.88 - FATTORE AMPLIF.: 6185.70
DEFORMATA PASSI 1 / 7 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

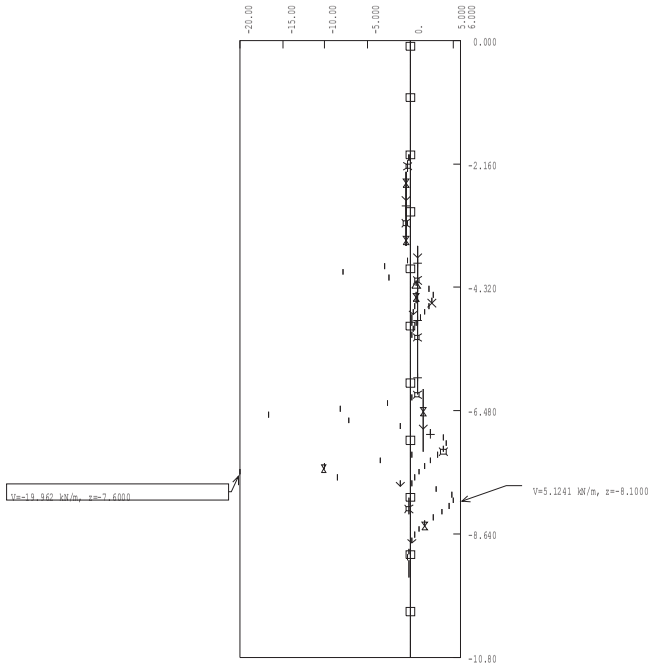
8 OTTOBRE 2011 3:42:07



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.84

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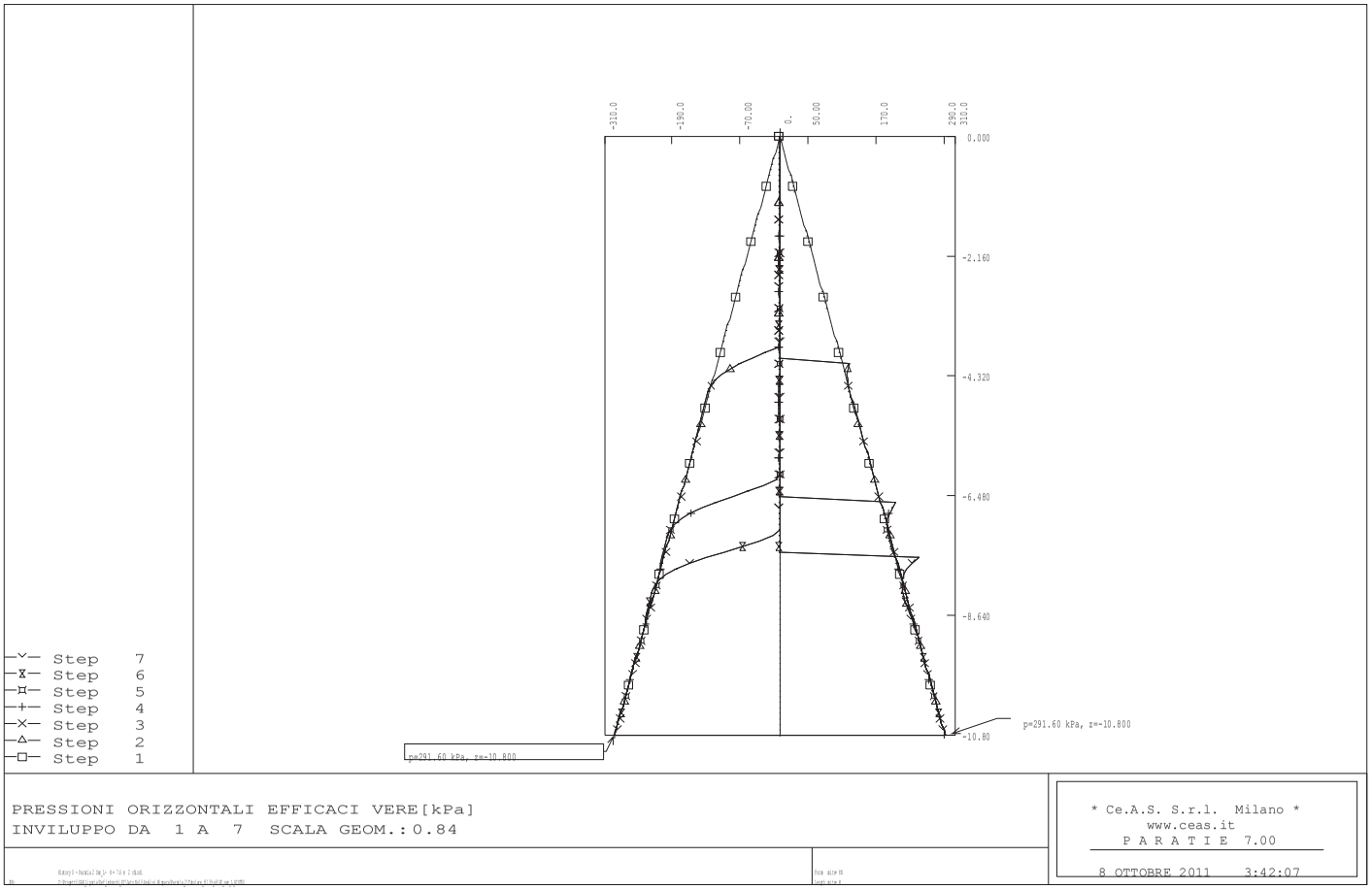


Step 7
Step 6
Step 5
Step 4
Step 3
Step 2
Step 1

TAGLI [kN/m]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.84

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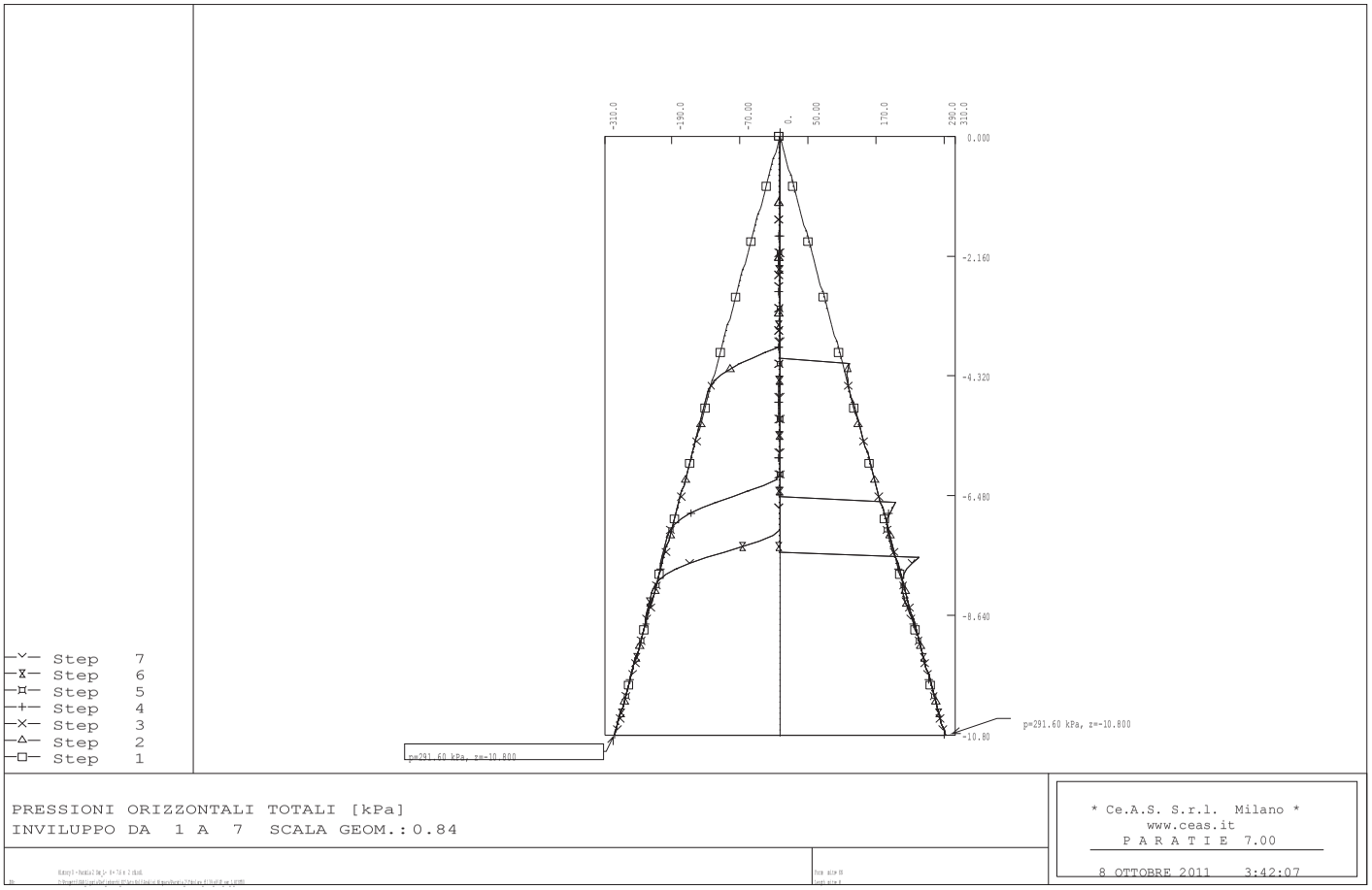
8 OTTOBRE 2011 3:42:07



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.84

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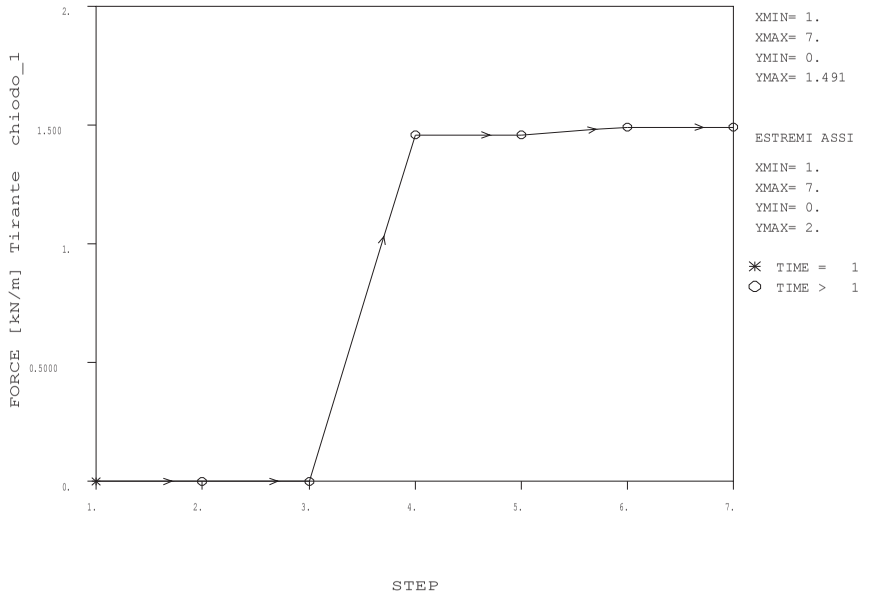
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 7 SCALA GEOM.: 0.84

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P A R A T I E 7.00

8 OTTOBRE 2011 3:42:07

Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.9772E-13
4.	1.458
5.	1.458
6.	1.491
7.	1.491



XMIN= 1.
XMAX= 7.
YMIN= 0.
YMAX= 1.491

ESTREMI ASSI

XMIN= 1.
XMAX= 7.
YMIN= 0.
YMAX= 2.

✳ TIME = 1
○ TIME > 1

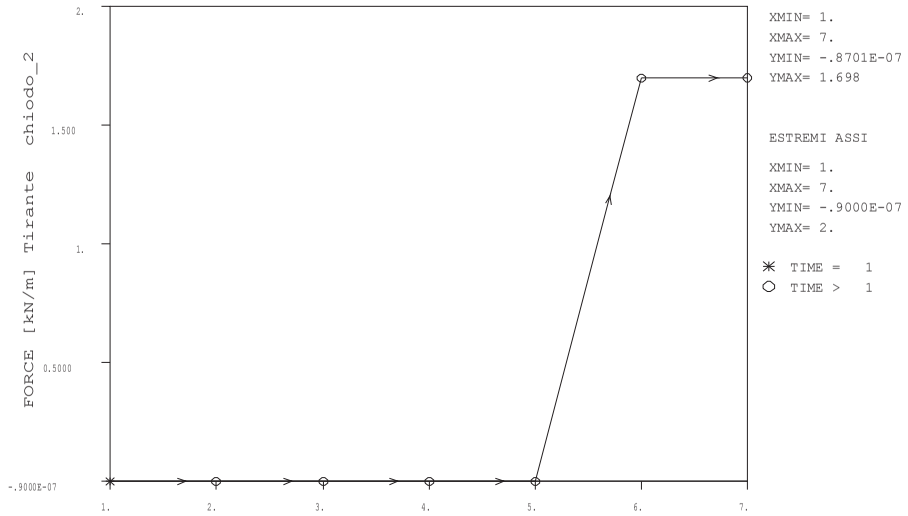
DAL PASSO 1 AL PASSO 7
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.8701E-07
6.	1.697
7.	1.698



DAL PASSO 1 AL PASSO 7

DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice M

P2 - Sezione C – Tabulati di calcolo PARATIE

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

****
**
** P A R A T I E **
**
** RELEASE 7.00 VERSIONE WIN **
**
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
**
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:44:00

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 2 Sez_C -  H = 9.7 m  3 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -12.8 0
  15: *
  16: soil UHLeft LeftWall -12.8 0 1 0
  17: soil DHLeft LeftWall -12.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -12.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -3.4 Acciaio_chiodi 0.000105 0 20
  25: wire chiodo_2 LeftWall -5.9 Acciaio_chiodi 0.000105 0 20
  26: wire chiodo_3 LeftWall -8.4 Acciaio_chiodi 0.000105 0 20
  27: *
  28: * Soil Profile
  29: *
  30:     ldata          1_ 0
  31:         weight     24 24 0
  32:         atrest     0.5 0 1 0.5
  33:         resistance 35 40 0.178591 11.0616
  34:         young      500000 750000
  35:     endlayer
  36:     ldata          2_ -2
  37:         weight     27 27 0
  38:         atrest     1 0 1 1
```

N. comando

```
39:         resistance 80 38 0.195942 9.11404
40:         young      2E+006 3E+006
41:     endlayer
42: *
43: step 1 :  geostatica
44:     setwall LeftWall
45:         geom 0 0
46: endstep
47: *
48: step 2 :  scavo a  quota -3.9 m+sovraccarico 40 kPa
49:     setwall LeftWall
50:         geom 0 -3.9
51:         surcharge 40 0 0 0
52: endstep
53: *
54: step 3 :  inserimento primo chiodo
55:     setwall LeftWall
56:         geom 0 -3.9
57:         surcharge 40 0 0 0
58:         add chiodo_1
59: endstep
60: *
61: step 4 :  scavo a quota -6.4 m
62:     setwall LeftWall
63:         geom 0 -6.4
64:         surcharge 40 0 0 0
65: endstep
66: *
67: step 5 :  inserimento secondo chiodo
68:     setwall LeftWall
69:         geom 0 -6.4
70:         surcharge 40 0 0 0
71:         add chiodo_2
72: endstep
73: *
74: step 6 :  scavo a quota -8.9 m
75:     setwall LeftWall
76:         geom 0 -8.9
77:         surcharge 40 0 0 0
78: endstep
79: *
80: step 7 :  inserimento terzo chiodo
81:     setwall LeftWall
82:         geom 0 -8.9
83:         surcharge 40 0 0 0
84:         add chiodo_3
```

```
  N.  comando

  85: endstep
  86: *
  87: step 8 :  scavo finale -9.7 m
  88:     setwall LeftWall
  89:         geom 0 -9.7
  90:         surcharge 40 0 0 0
  91: endstep
  92: *
  93: step 9 :  sisma kh=0.114
  94:     change 2_ U-KA=0.261
  95:     change 1_ U-KA=0.24
  96:     setwall LeftWall
  97:         geom 0 -9.7
  98:         surcharge 40 0 0 0
  99: endstep
 100: *
 101: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	= -2.0000	m	
peso fuori falda	= 24.000	kN/m³	
peso efficace in falda	= 24.000	kN/m³	
coesione	= 35.000	kPa	(A MONTE)
angolo di attrito	= 40.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.17859		(A MONTE)
coeff. spinta passiva kp	= 11.062		(A MONTE)
Konc normal consolidato	= 0.50000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 0.50000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.50000E+06	kPa	
modulo el. scarico/ricarico	= 0.75000E+06	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 35.000	kPa	(A VALLE)
angolo di attrito	= 40.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.17859		(A VALLE)
coeff. spinta passiva kp	= 11.062		(A VALLE)

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= -2.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

coeff. spinta passiva kp = 9.1140 (A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.24000 (A MONTE)

LAYER 2_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -12.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.9000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 40.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -12.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.9000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 40.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-9.7000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-9.7000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	40.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-12.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-12.80	UPHILL	0.
DHLeft	LeftWall	0.	-12.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-12.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.400	_	0.1050E-03	0.	20.00
chiodo_2	LeftWall	-5.900	_	0.1050E-03	0.	20.00
chiodo_3	LeftWall	-8.400	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	8	SI
3	2	SI
4	7	SI
5	2	SI
6	6	SI
7	2	SI
8	7	SI
9	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63253369E-03	-0.15476403E-03
2	0.61705726E-03	-0.15476403E-03
3	0.60158089E-03	-0.15476403E-03
4	0.58610446E-03	-0.15476403E-03
5	0.57062809E-03	-0.15476403E-03
6	0.55515167E-03	-0.15476403E-03
7	0.53967524E-03	-0.15476403E-03
8	0.52419887E-03	-0.15476403E-03
9	0.50872244E-03	-0.15476403E-03
10	0.49324607E-03	-0.15476403E-03
11	0.47776964E-03	-0.15476403E-03
12	0.46229325E-03	-0.15476403E-03
13	0.44681685E-03	-0.15476403E-03
14	0.43134045E-03	-0.15476403E-03
15	0.41586405E-03	-0.15476403E-03
16	0.40038762E-03	-0.15476403E-03
17	0.38491123E-03	-0.15476403E-03
18	0.36943483E-03	-0.15476403E-03
19	0.35395843E-03	-0.15476403E-03
20	0.33848203E-03	-0.15476403E-03
21	0.32300563E-03	-0.15476403E-03
22	0.30752923E-03	-0.15476403E-03
23	0.29205281E-03	-0.15476403E-03
24	0.27657641E-03	-0.15476403E-03
25	0.26110001E-03	-0.15476403E-03
26	0.24562361E-03	-0.15476403E-03
27	0.23014721E-03	-0.15476403E-03
28	0.21467080E-03	-0.15476403E-03
29	0.19919440E-03	-0.15476403E-03
30	0.18371800E-03	-0.15476403E-03
31	0.16824159E-03	-0.15476403E-03
32	0.15276519E-03	-0.15476403E-03
33	0.13728879E-03	-0.15476403E-03
34	0.12181239E-03	-0.15476403E-03
35	0.10633599E-03	-0.15476403E-03
36	0.90859583E-04	-0.15476403E-03
37	0.75383177E-04	-0.15476403E-03
38	0.59915736E-04	-0.15449528E-03
39	0.44603574E-04	-0.15064309E-03
40	0.30201398E-04	-0.13436250E-03
41	0.18131797E-04	-0.10606014E-03
42	0.90604408E-05	-0.75625656E-04
43	0.28947718E-05	-0.48547987E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.83913699E-06	-0.27169744E-04
45	-0.27411743E-05	-0.11851415E-04
46	-0.33891704E-05	-0.19255970E-05
47	-0.32695175E-05	0.37035059E-05
48	-0.27520184E-05	0.62261311E-05
49	-0.20919622E-05	0.67186261E-05
50	-0.14471024E-05	0.60468501E-05
51	-0.90034183E-06	0.48425854E-05
52	-0.48250507E-06	0.35207256E-05
53	-0.19216974E-06	0.23196760E-05
54	-0.10841726E-07	0.13504712E-05
55	0.86577948E-07	0.64086987E-06
56	0.12532699E-06	0.17111073E-06
57	0.12733911E-06	-0.10247801E-06
58	0.10963466E-06	-0.23196849E-06
59	0.84120749E-07	-0.26619884E-06
60	0.58239195E-07	-0.24510024E-06
61	0.35968057E-07	-0.19798109E-06
62	0.18866897E-07	-0.14414425E-06
63	0.69923640E-08	-0.94712661E-07
64	-0.39392858E-09	-0.54829922E-07
65	-0.43318238E-08	-0.25693295E-07
66	-0.58598397E-08	-0.63742300E-08
67	-0.58731966E-08	0.49490283E-08
68	-0.50666515E-08	0.10373757E-07
69	-0.39298800E-08	0.11855447E-07
70	-0.27733924E-08	0.11002228E-07
71	-0.17673836E-08	0.90105310E-08
72	-0.98244557E-09	0.66840538E-08
73	-0.42580586E-09	0.45005866E-08
74	-0.69658460E-10	0.26972136E-08
75	0.12882946E-09	0.13496190E-08
76	0.21479517E-09	0.43791909E-09
77	0.22858250E-09	-0.10870405E-09
78	0.20217771E-09	-0.38162651E-09
79	0.15842137E-09	-0.46962395E-09
80	0.11193988E-09	-0.44701257E-09
81	0.70850568E-10	-0.36944975E-09
82	0.38632396E-10	-0.27441296E-09
83	0.15807734E-10	-0.18418354E-09
84	0.12710136E-11	-0.10969436E-09
85	-0.67648812E-11	-0.54217447E-10
86	-0.10170950E-10	-0.16694769E-10
87	-0.10601401E-10	0.59009347E-11
88	-0.93645603E-11	0.17282717E-10
89	-0.73996920E-11	0.21019481E-10

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.53156112E-11	0.20107836E-10
91	-0.34574166E-11	0.16817424E-10
92	-0.19795764E-11	0.12703516E-10
93	-0.91247799E-12	0.87166723E-11
94	-0.21552152E-12	0.53514428E-11
95	0.18459956E-12	0.27898840E-11
96	0.36896823E-12	0.10237136E-11
97	0.41205239E-12	-0.61153407E-13
98	0.37408228E-12	-0.62567827E-12
99	0.29886098E-12	-0.83187607E-12
100	0.21502839E-12	-0.81843424E-12
101	0.13896858E-12	-0.69115866E-12
102	0.78169527E-13	-0.52269707E-12
103	0.34324862E-13	-0.35736450E-12
104	0.58341148E-14	-0.21790729E-12
105	-0.10382462E-13	-0.11222604E-12
106	-0.17709592E-13	-0.39499752E-13
107	-0.19213530E-13	0.52930441E-14
108	-0.17362100E-13	0.28752367E-13
109	-0.13956242E-13	0.37416098E-13
110	-0.10185462E-13	0.36882373E-13
111	-0.67426914E-14	0.31460938E-13
112	-0.39560212E-14	0.24157090E-13
113	-0.19113606E-14	0.16850619E-13
114	-0.55214711E-15	0.10556657E-13
115	0.24743730E-15	0.56866844E-14
116	0.63378118E-15	0.22744548E-14
117	0.74479994E-15	0.13637582E-15
118	0.69401475E-15	-0.10129522E-14
119	0.56526717E-15	-0.14705500E-14
120	0.41431132E-15	-0.14959499E-14
121	0.27376399E-15	-0.12907460E-14
122	0.15914471E-15	-0.99606490E-15
123	0.74586207E-16	-0.70032822E-15
124	0.17533800E-16	-0.45094949E-15
125	-0.17760741E-16	-0.26628217E-15
126	-0.37882463E-16	-0.14640963E-15
127	-0.48867098E-16	-0.81269966E-16
128	-0.55442829E-16	-0.55321522E-16
129	-0.60617721E-16	-0.49962576E-16

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63253369E-03	-0.15476403E-03
2	0.61705726E-03	-0.15476403E-03
3	0.60158089E-03	-0.15476403E-03
4	0.58610446E-03	-0.15476403E-03
5	0.57062809E-03	-0.15476403E-03
6	0.55515167E-03	-0.15476403E-03
7	0.53967524E-03	-0.15476403E-03
8	0.52419887E-03	-0.15476403E-03
9	0.50872244E-03	-0.15476403E-03
10	0.49324607E-03	-0.15476403E-03
11	0.47776964E-03	-0.15476403E-03
12	0.46229325E-03	-0.15476403E-03
13	0.44681685E-03	-0.15476403E-03
14	0.43134045E-03	-0.15476403E-03
15	0.41586405E-03	-0.15476403E-03
16	0.40038762E-03	-0.15476403E-03
17	0.38491123E-03	-0.15476403E-03
18	0.36943483E-03	-0.15476403E-03
19	0.35395843E-03	-0.15476403E-03
20	0.33848203E-03	-0.15476403E-03
21	0.32300563E-03	-0.15476403E-03
22	0.30752923E-03	-0.15476403E-03
23	0.29205281E-03	-0.15476403E-03
24	0.27657641E-03	-0.15476403E-03
25	0.26110001E-03	-0.15476403E-03
26	0.24562361E-03	-0.15476403E-03
27	0.23014721E-03	-0.15476403E-03
28	0.21467080E-03	-0.15476403E-03
29	0.19919440E-03	-0.15476403E-03
30	0.18371800E-03	-0.15476403E-03
31	0.16824159E-03	-0.15476403E-03
32	0.15276519E-03	-0.15476403E-03
33	0.13728879E-03	-0.15476403E-03
34	0.12181239E-03	-0.15476403E-03
35	0.10633599E-03	-0.15476403E-03
36	0.90859583E-04	-0.15476403E-03
37	0.75383177E-04	-0.15476403E-03
38	0.59915736E-04	-0.15449528E-03
39	0.44603574E-04	-0.15064309E-03
40	0.30201398E-04	-0.13436250E-03
41	0.18131797E-04	-0.10606014E-03
42	0.90604408E-05	-0.75625656E-04
43	0.28947718E-05	-0.48547987E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.83913704E-06	-0.27169744E-04
45	-0.27411743E-05	-0.11851415E-04
46	-0.33891704E-05	-0.19255970E-05
47	-0.32695175E-05	0.37035061E-05
48	-0.27520184E-05	0.62261315E-05
49	-0.20919622E-05	0.67186270E-05
50	-0.14471021E-05	0.60468510E-05
51	-0.90034155E-06	0.48425868E-05
52	-0.48250462E-06	0.35207272E-05
53	-0.19216914E-06	0.23196774E-05
54	-0.10841019E-07	0.13504718E-05
55	0.86578659E-07	0.64086902E-06
56	0.12532749E-06	0.17110716E-06
57	0.12733905E-06	-0.10248569E-06
58	0.10963357E-06	-0.23198179E-06
59	0.84117993E-07	-0.26621896E-06
60	0.58234065E-07	-0.24512755E-06
61	0.35959886E-07	-0.19801413E-06
62	0.18855314E-07	-0.14417844E-06
63	0.69776598E-08	-0.94738908E-07
64	-0.41025605E-09	-0.54833041E-07
65	-0.43471209E-08	-0.25672342E-07
66	-0.58724416E-08	-0.63431513E-08
67	-0.58825762E-08	0.49812763E-08
68	-0.50729714E-08	0.10402145E-07
69	-0.39336561E-08	0.11877754E-07
70	-0.27752651E-08	0.11018033E-07
71	-0.17679758E-08	0.90205257E-08
72	-0.98227748E-09	0.66894965E-08
73	-0.42526424E-09	0.45028337E-08
74	-0.69001138E-10	0.26974580E-08
75	0.12945052E-09	0.13487766E-08
76	0.21530522E-09	0.43662590E-09
77	0.22895837E-09	-0.11004508E-09
78	0.20242691E-09	-0.38279493E-09
79	0.15856659E-09	-0.47052823E-09
80	0.11200856E-09	-0.44764237E-09
81	0.70868651E-10	-0.36984055E-09
82	0.38621068E-10	-0.27462030E-09
83	0.15782443E-10	-0.18426449E-09
84	0.12418722E-11	-0.10969755E-09
85	-0.67920114E-11	-0.54178918E-10
86	-0.10193202E-10	-0.16639004E-10
87	-0.10617900E-10	0.59582894E-11
88	-0.93756322E-11	0.17332939E-10
89	-0.74062718E-11	0.21058781E-10

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.53188448E-11	0.20135572E-10
91	-0.34584072E-11	0.16834882E-10
92	-0.19792427E-11	0.12712957E-10
93	-0.91149983E-12	0.87205078E-11
94	-0.21435029E-12	0.53517815E-11
95	0.18569923E-12	0.27883381E-11
96	0.36986747E-12	0.10213989E-11
97	0.41271256E-12	-0.63533563E-13
98	0.37451823E-12	-0.62774178E-12
99	0.29911365E-12	-0.83346681E-12
100	0.21514667E-12	-0.81953801E-12
101	0.13899834E-12	-0.69184052E-12
102	0.78148120E-13	-0.52305632E-12
103	0.34279403E-13	-0.35750236E-12
104	0.57822763E-14	-0.21790958E-12
105	-0.10430487E-13	-0.11215605E-12
106	-0.17748859E-13	-0.39400263E-13
107	-0.19242562E-13	0.53948638E-14
108	-0.17381501E-13	0.28841540E-13
109	-0.13967651E-13	0.37486297E-13
110	-0.10190852E-13	0.36932771E-13
111	-0.67439387E-14	0.31493993E-13
112	-0.39546677E-14	0.24176775E-13
113	-0.19085391E-14	0.16860892E-13
114	-0.54863912E-15	0.10560506E-13
115	0.25107909E-15	0.56856299E-14
116	0.63711642E-15	0.22696421E-14
117	0.74753569E-15	0.12949960E-15
118	0.69603196E-15	-0.10201743E-14
119	0.56659871E-15	-0.14769105E-14
120	0.41507370E-15	-0.15009316E-14
121	0.27410148E-15	-0.12942804E-14
122	0.15919370E-15	-0.99834638E-15
123	0.74457690E-16	-0.70164800E-15
124	0.17309722E-16	-0.45158095E-15
125	-0.18021602E-16	-0.26640692E-15
126	-0.38136315E-16	-0.14617245E-15
127	-0.49086118E-16	-0.80838700E-16
128	-0.55614655E-16	-0.54822914E-16
129	-0.60738840E-16	-0.49451329E-16

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63899072E-03	-0.15894201E-03
2	0.62309654E-03	-0.15894201E-03
3	0.60720235E-03	-0.15894201E-03
4	0.59130811E-03	-0.15894201E-03
5	0.57541393E-03	-0.15894201E-03
6	0.55951974E-03	-0.15894201E-03
7	0.54362556E-03	-0.15894201E-03
8	0.52773132E-03	-0.15894201E-03
9	0.51183713E-03	-0.15894201E-03
10	0.49594295E-03	-0.15894201E-03
11	0.48004874E-03	-0.15894201E-03
12	0.46415452E-03	-0.15894201E-03
13	0.44826034E-03	-0.15894201E-03
14	0.43236613E-03	-0.15894201E-03
15	0.41647232E-03	-0.15893042E-03
16	0.40058154E-03	-0.15887342E-03
17	0.38470095E-03	-0.15871695E-03
18	0.36884387E-03	-0.15838923E-03
19	0.35303168E-03	-0.15780379E-03
20	0.33729494E-03	-0.15686381E-03
21	0.32167413E-03	-0.15546785E-03
22	0.30622428E-03	-0.15338414E-03
23	0.29103103E-03	-0.15028848E-03
24	0.27620836E-03	-0.14593989E-03
25	0.26188922E-03	-0.14020588E-03
26	0.24821452E-03	-0.13305135E-03
27	0.23532631E-03	-0.12447628E-03
28	0.22336663E-03	-0.11448069E-03
29	0.21247752E-03	-0.10306458E-03
30	0.20280106E-03	-0.90227943E-04
31	0.19447929E-03	-0.75970776E-04
32	0.18765425E-03	-0.60293096E-04
33	0.18246802E-03	-0.43194887E-04
34	0.17906263E-03	-0.24676152E-04
35	0.17758014E-03	-0.47368940E-05
36	0.17810144E-03	0.14788008E-04
37	0.18046277E-03	0.32063675E-04
38	0.18443920E-03	0.47090107E-04
39	0.18980581E-03	0.59867300E-04
40	0.19633769E-03	0.70395261E-04
41	0.20380989E-03	0.78673984E-04
42	0.21199751E-03	0.84703468E-04
43	0.22067560E-03	0.88483721E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22961927E-03	0.90014742E-04
45	0.23860358E-03	0.89296518E-04
46	0.24740360E-03	0.86329062E-04
47	0.25579441E-03	0.81112375E-04
48	0.26355110E-03	0.73646450E-04
49	0.27044874E-03	0.63931286E-04
50	0.27626238E-03	0.51966887E-04
51	0.28076713E-03	0.37753252E-04
52	0.28373807E-03	0.21290385E-04
53	0.28495025E-03	0.25782795E-05
54	0.28417874E-03	-0.18383062E-04
55	0.28119865E-03	-0.41593637E-04
56	0.27578505E-03	-0.67053450E-04
57	0.26771298E-03	-0.94762494E-04
58	0.25675757E-03	-0.12472078E-03
59	0.24269386E-03	-0.15692830E-03
60	0.22529693E-03	-0.19138506E-03
61	0.20434188E-03	-0.22809104E-03
62	0.17964207E-03	-0.26589658E-03
63	0.15129299E-03	-0.29978904E-03
64	0.12017426E-03	-0.31898182E-03
65	0.88559020E-04	-0.30630294E-03
66	0.59947084E-04	-0.26262162E-03
67	0.36447371E-04	-0.20656007E-03
68	0.18646084E-04	-0.15016807E-03
69	0.61963115E-05	-0.10029938E-03
70	-0.17331373E-05	-0.60011065E-04
71	-0.61438959E-05	-0.29862578E-04
72	-0.80150367E-05	-0.89955902E-05
73	-0.82009819E-05	0.41323578E-05
74	-0.73876513E-05	0.11287703E-04
75	-0.60859270E-05	0.14168480E-04
76	-0.46475207E-05	0.14242303E-04
77	-0.32920605E-05	0.12678300E-04
78	-0.21376659E-05	0.10340141E-04
79	-0.12302345E-05	0.78159137E-05
80	-0.56861484E-06	0.54677344E-05
81	-0.12445135E-06	0.34866430E-05
82	0.14332082E-06	0.19437625E-05
83	0.27869348E-06	0.83265229E-06
84	0.32247684E-06	0.10030885E-06
85	0.30886414E-06	-0.32876818E-06
86	0.26418914E-06	-0.53386668E-06
87	0.20715784E-06	-0.58695389E-06
88	0.14989227E-06	-0.54722409E-06
89	0.99313056E-07	-0.45949332E-06

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.58552732E-07	-0.35498874E-06
91	0.28216832E-07	-0.25343851E-06
92	0.74067383E-08	-0.16563702E-06
93	-0.55148517E-08	-0.95963927E-07
94	-0.12399850E-07	-0.44704922E-07
95	-0.15004591E-07	-0.99085540E-08
96	-0.14830814E-07	0.11410230E-07
97	-0.13063470E-07	0.22501242E-07
98	-0.10570212E-07	0.26402844E-07
99	-0.79367393E-08	0.25689310E-07
100	-0.55189933E-08	0.22376476E-07
101	-0.34993084E-08	0.17927716E-07
102	-0.19387587E-08	0.13319697E-07
103	-0.82116275E-09	0.91378638E-08
104	-0.87178445E-10	0.56762532E-08
105	0.34120901E-09	0.30282763E-08
106	0.54440452E-09	0.11581310E-08
107	0.59505556E-09	-0.45402935E-10
108	0.55277433E-09	-0.72542555E-09
109	0.46261581E-09	-0.10260878E-08
110	0.35595149E-09	-0.10749081E-08
111	0.25260297E-09	-0.97466590E-09
112	0.16344233E-09	-0.80170359E-09
113	0.92949398E-10	-0.60812672E-09
114	0.41436330E-10	-0.42596934E-09
115	0.68176797E-11	-0.27194735E-09
116	-0.14088248E-10	-0.15197865E-09
117	-0.24688390E-10	-0.65320110E-10
118	-0.28121817E-10	-0.77479941E-11
119	-0.27015792E-10	0.26490001E-10
120	-0.23401427E-10	0.43399714E-10
121	-0.18730403E-10	0.48472823E-10
122	-0.13948442E-10	0.46298528E-10
123	-0.95936557E-11	0.40435492E-10
124	-0.58989814E-11	0.33443324E-10
125	-0.28866659E-11	0.27000902E-10
126	-0.44888979E-12	0.22055821E-10
127	0.15862429E-11	0.18963076E-10
128	0.34003338E-11	0.17568582E-10
129	0.51356931E-11	0.17246097E-10

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63918933E-03	-0.15906828E-03
2	0.62328251E-03	-0.15906828E-03
3	0.60737564E-03	-0.15906828E-03
4	0.59146882E-03	-0.15906828E-03
5	0.57556201E-03	-0.15906834E-03
6	0.55965519E-03	-0.15906850E-03
7	0.54374832E-03	-0.15906872E-03
8	0.52784145E-03	-0.15906883E-03
9	0.51193457E-03	-0.15906853E-03
10	0.49602776E-03	-0.15906745E-03
11	0.48012112E-03	-0.15906505E-03
12	0.46421480E-03	-0.15906073E-03
13	0.44830906E-03	-0.15905376E-03
14	0.43240417E-03	-0.15904338E-03
15	0.41650084E-03	-0.15901854E-03
16	0.40060200E-03	-0.15894705E-03
17	0.38471475E-03	-0.15877612E-03
18	0.36885246E-03	-0.15843479E-03
19	0.35303633E-03	-0.15783717E-03
20	0.33729678E-03	-0.15688676E-03
21	0.32167413E-03	-0.15548227E-03
22	0.30622320E-03	-0.15339199E-03
23	0.29102940E-03	-0.15029160E-03
24	0.27620659E-03	-0.14593989E-03
25	0.26188756E-03	-0.14020402E-03
26	0.24821309E-03	-0.13304857E-03
27	0.23532518E-03	-0.12447324E-03
28	0.22336579E-03	-0.11447780E-03
29	0.21247697E-03	-0.10306204E-03
30	0.20280073E-03	-0.90225840E-04
31	0.19447914E-03	-0.75969117E-04
32	0.18765425E-03	-0.60291815E-04
33	0.18246814E-03	-0.43193930E-04
34	0.17906283E-03	-0.24675466E-04
35	0.17758040E-03	-0.47364415E-05
36	0.17810172E-03	0.14788261E-04
37	0.18046307E-03	0.32063755E-04
38	0.18443950E-03	0.47090041E-04
39	0.18980610E-03	0.59867114E-04
40	0.19633795E-03	0.70394985E-04
41	0.20381012E-03	0.78673642E-04
42	0.21199771E-03	0.84703090E-04
43	0.22067578E-03	0.88483328E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.22961940E-03	0.90014364E-04
45	0.23860366E-03	0.89296183E-04
46	0.24740366E-03	0.86328793E-04
47	0.25579447E-03	0.81112164E-04
48	0.26355113E-03	0.73646297E-04
49	0.27044874E-03	0.63931184E-04
50	0.27626238E-03	0.51966828E-04
51	0.28076713E-03	0.37753227E-04
52	0.28373805E-03	0.21290376E-04
53	0.28495022E-03	0.25782840E-05
54	0.28417874E-03	-0.18383051E-04
55	0.28119865E-03	-0.41593623E-04
56	0.27578505E-03	-0.67053435E-04
57	0.26771298E-03	-0.94762487E-04
58	0.25675757E-03	-0.12472077E-03
59	0.24269386E-03	-0.15692829E-03
60	0.22529693E-03	-0.19138504E-03
61	0.20434188E-03	-0.22809104E-03
62	0.17964207E-03	-0.26589655E-03
63	0.15129299E-03	-0.29978904E-03
64	0.12017426E-03	-0.31898182E-03
65	0.88559020E-04	-0.30630294E-03
66	0.59947084E-04	-0.26262162E-03
67	0.36447371E-04	-0.20656007E-03
68	0.18646086E-04	-0.15016807E-03
69	0.61963119E-05	-0.10029938E-03
70	-0.17331372E-05	-0.60011065E-04
71	-0.61438955E-05	-0.29862578E-04
72	-0.80150357E-05	-0.89955902E-05
73	-0.82009819E-05	0.41323578E-05
74	-0.73876513E-05	0.11287703E-04
75	-0.60859270E-05	0.14168480E-04
76	-0.46475207E-05	0.14242303E-04
77	-0.32920605E-05	0.12678300E-04
78	-0.21376659E-05	0.10340141E-04
79	-0.12302345E-05	0.78159137E-05
80	-0.56861484E-06	0.54677344E-05
81	-0.12445136E-06	0.34866430E-05
82	0.14332082E-06	0.19437625E-05
83	0.27869348E-06	0.83265229E-06
84	0.32247684E-06	0.10030885E-06
85	0.30886414E-06	-0.32876818E-06
86	0.26418914E-06	-0.53386663E-06
87	0.20715784E-06	-0.58695389E-06
88	0.14989227E-06	-0.54722409E-06
89	0.99313056E-07	-0.45949332E-06

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.58552732E-07	-0.35498874E-06
91	0.28216832E-07	-0.25343851E-06
92	0.74067383E-08	-0.16563702E-06
93	-0.55148512E-08	-0.95963927E-07
94	-0.12399850E-07	-0.44704922E-07
95	-0.15004591E-07	-0.99085549E-08
96	-0.14830813E-07	0.11410230E-07
97	-0.13063470E-07	0.22501242E-07
98	-0.10570212E-07	0.26402844E-07
99	-0.79367393E-08	0.25689310E-07
100	-0.55189933E-08	0.22376476E-07
101	-0.34993084E-08	0.17927716E-07
102	-0.19387587E-08	0.13319697E-07
103	-0.82116275E-09	0.91378638E-08
104	-0.87178452E-10	0.56762532E-08
105	0.34120898E-09	0.30282763E-08
106	0.54440452E-09	0.11581310E-08
107	0.59505556E-09	-0.45402921E-10
108	0.55277433E-09	-0.72542550E-09
109	0.46261581E-09	-0.10260878E-08
110	0.35595149E-09	-0.10749081E-08
111	0.25260297E-09	-0.97466590E-09
112	0.16344233E-09	-0.80170359E-09
113	0.92949398E-10	-0.60812672E-09
114	0.41436330E-10	-0.42596934E-09
115	0.68176801E-11	-0.27194735E-09
116	-0.14088248E-10	-0.15197865E-09
117	-0.24688390E-10	-0.65320110E-10
118	-0.28121817E-10	-0.77479941E-11
119	-0.27015792E-10	0.26490001E-10
120	-0.23401427E-10	0.43399714E-10
121	-0.18730403E-10	0.48472823E-10
122	-0.13948442E-10	0.46298528E-10
123	-0.95936557E-11	0.40435492E-10
124	-0.58989814E-11	0.33443324E-10
125	-0.28866659E-11	0.27000902E-10
126	-0.44888981E-12	0.22055821E-10
127	0.15862429E-11	0.18963076E-10
128	0.34003338E-11	0.17568582E-10
129	0.51356931E-11	0.17246097E-10

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63928403E-03	-0.15919744E-03
2	0.62336429E-03	-0.15919744E-03
3	0.60744456E-03	-0.15919744E-03
4	0.59152482E-03	-0.15919744E-03
5	0.57560508E-03	-0.15919744E-03
6	0.55968529E-03	-0.15919744E-03
7	0.54376555E-03	-0.15919744E-03
8	0.52784581E-03	-0.15919744E-03
9	0.51192607E-03	-0.15919739E-03
10	0.49600634E-03	-0.15919677E-03
11	0.48008678E-03	-0.15919433E-03
12	0.46416762E-03	-0.15918807E-03
13	0.44824940E-03	-0.15917525E-03
14	0.43233292E-03	-0.15915242E-03
15	0.41641973E-03	-0.15910527E-03
16	0.40051388E-03	-0.15899782E-03
17	0.38462406E-03	-0.15877305E-03
18	0.36876567E-03	-0.15835556E-03
19	0.35296238E-03	-0.15765500E-03
20	0.33724747E-03	-0.15657088E-03
21	0.32166447E-03	-0.15499887E-03
22	0.30627174E-03	-0.15270506E-03
23	0.29115821E-03	-0.14936888E-03
24	0.27644020E-03	-0.14476599E-03
25	0.26225051E-03	-0.13879813E-03
26	0.24872652E-03	-0.13145231E-03
27	0.23600599E-03	-0.12272852E-03
28	0.22422674E-03	-0.11262677E-03
29	0.21352655E-03	-0.10114706E-03
30	0.20404326E-03	-0.88289380E-04
31	0.19591462E-03	-0.74053743E-04
32	0.18927843E-03	-0.58440139E-04
33	0.18427252E-03	-0.41448577E-04
34	0.18103466E-03	-0.23079047E-04
35	0.17970265E-03	-0.33315557E-05
36	0.18035129E-03	0.15904354E-04
37	0.18280320E-03	0.32730601E-04
38	0.18681663E-03	0.47133533E-04
39	0.19214892E-03	0.59107169E-04
40	0.19855722E-03	0.68655194E-04
41	0.20579965E-03	0.75793585E-04
42	0.21363665E-03	0.80553764E-04
43	0.22183280E-03	0.82986102E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.23015869E-03	0.83162806E-04
45	0.23839439E-03	0.81210390E-04
46	0.24633706E-03	0.77346398E-04
47	0.25381040E-03	0.71884235E-04
48	0.26067402E-03	0.65225497E-04
49	0.26683212E-03	0.57865629E-04
50	0.27224442E-03	0.50423794E-04
51	0.27693840E-03	0.43627904E-04
52	0.28101646E-03	0.38226110E-04
53	0.28465092E-03	0.34842953E-04
54	0.28806194E-03	0.33766464E-04
55	0.29148205E-03	0.35025187E-04
56	0.29514483E-03	0.38619113E-04
57	0.29928371E-03	0.44548244E-04
58	0.30413229E-03	0.52812586E-04
59	0.30992407E-03	0.63412132E-04
60	0.31689258E-03	0.76346885E-04
61	0.32519267E-03	0.89257817E-04
62	0.33466471E-03	0.99785902E-04
63	0.34507041E-03	0.10793113E-03
64	0.35617151E-03	0.11369352E-03
65	0.36772969E-03	0.11707305E-03
66	0.37950667E-03	0.11806973E-03
67	0.39126421E-03	0.11668356E-03
68	0.40276398E-03	0.11291454E-03
69	0.41376767E-03	0.10676267E-03
70	0.42403708E-03	0.98227953E-04
71	0.43333386E-03	0.87310385E-04
72	0.44141972E-03	0.74009964E-04
73	0.44805641E-03	0.58326696E-04
74	0.45300563E-03	0.40260576E-04
75	0.45602911E-03	0.19811607E-04
76	0.45688852E-03	-0.30202132E-05
77	0.45534564E-03	-0.28234883E-04
78	0.45116211E-03	-0.55832403E-04
79	0.44409971E-03	-0.85812775E-04
80	0.43392013E-03	-0.11817599E-03
81	0.42038510E-03	-0.15292206E-03
82	0.40325630E-03	-0.19005098E-03
83	0.38229546E-03	-0.22956276E-03
84	0.35726430E-03	-0.27145739E-03
85	0.32792456E-03	-0.31573485E-03
86	0.29403792E-03	-0.36239516E-03
87	0.25541705E-03	-0.40990996E-03
88	0.21226399E-03	-0.45118300E-03
89	0.16590874E-03	-0.47060705E-03

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.11969940E-03	-0.44332637E-03
91	0.78716235E-04	-0.37186267E-03
92	0.45843324E-04	-0.28490505E-03
93	0.21654352E-04	-0.20037357E-03
94	0.53666286E-05	-0.12790156E-03
95	-0.44538970E-05	-0.71267714E-04
96	-0.94181914E-05	-0.30572206E-04
97	-0.11035831E-04	-0.39015008E-05
98	-0.10571921E-04	0.11566322E-04
99	-0.89966206E-05	0.18812525E-04
100	-0.69934704E-05	0.20537105E-04
101	-0.49997107E-05	0.18946363E-04
102	-0.32596010E-05	0.15693528E-04
103	-0.18785848E-05	0.11913306E-04
104	-0.87112551E-06	0.83075192E-05
105	-0.19886626E-06	0.52481764E-05
106	0.20142768E-06	0.28763702E-05
107	0.39916839E-06	0.11873813E-05
108	0.45876294E-06	0.94162175E-07
109	0.43371469E-06	-0.52764091E-06
110	0.36463646E-06	-0.80739267E-06
111	0.27978044E-06	-0.86081576E-06
112	0.19690391E-06	-0.78132086E-06
113	0.12564610E-06	-0.63793078E-06
114	0.69895378E-07	-0.47721210E-06
115	0.29844266E-07	-0.32727593E-06
116	0.36064505E-08	-0.20235213E-06
117	-0.11615032E-07	-0.10709453E-06
118	-0.18762448E-07	-0.40336680E-07
119	-0.20492671E-07	0.21121078E-08
120	-0.18969804E-07	0.25667582E-07
121	-0.15807448E-07	0.35774242E-07
122	-0.12103309E-07	0.37230258E-07
123	-0.85214023E-08	0.33886096E-07
124	-0.53913993E-08	0.28582647E-07
125	-0.28065397E-08	0.23229207E-07
126	-0.70992151E-09	0.18944867E-07
127	0.10338640E-08	0.16203431E-07
128	0.25802878E-08	0.14947684E-07
129	0.40554622E-08	0.14653770E-07

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63928828E-03	-0.15920242E-03
2	0.62336808E-03	-0.15920242E-03
3	0.60744782E-03	-0.15920242E-03
4	0.59152755E-03	-0.15920242E-03
5	0.57560735E-03	-0.15920242E-03
6	0.55968709E-03	-0.15920242E-03
7	0.54376683E-03	-0.15920242E-03
8	0.52784663E-03	-0.15920242E-03
9	0.51192637E-03	-0.15920238E-03
10	0.49600616E-03	-0.15920182E-03
11	0.48008605E-03	-0.15919950E-03
12	0.46416637E-03	-0.15919337E-03
13	0.44824759E-03	-0.15918066E-03
14	0.43233056E-03	-0.15915783E-03
15	0.41641685E-03	-0.15911048E-03
16	0.40051050E-03	-0.15900251E-03
17	0.38462027E-03	-0.15877670E-03
18	0.36876160E-03	-0.15835751E-03
19	0.35295825E-03	-0.15765440E-03
20	0.33724355E-03	-0.15656666E-03
21	0.32166121E-03	-0.15498973E-03
22	0.30626971E-03	-0.15268935E-03
23	0.29115815E-03	-0.14934440E-03
24	0.27644314E-03	-0.14473037E-03
25	0.26225767E-03	-0.13874925E-03
26	0.24873926E-03	-0.13138902E-03
27	0.23602576E-03	-0.12265159E-03
28	0.22425475E-03	-0.11254004E-03
29	0.21356350E-03	-0.10105627E-03
30	0.20408923E-03	-0.88200271E-04
31	0.19596919E-03	-0.73972049E-04
32	0.18934056E-03	-0.58371606E-04
33	0.18434061E-03	-0.41398936E-04
34	0.18110652E-03	-0.23054043E-04
35	0.17977554E-03	-0.33369256E-05
36	0.18042182E-03	0.15860995E-04
37	0.18286738E-03	0.32648295E-04
38	0.18687113E-03	0.47024976E-04
39	0.19219202E-03	0.58991038E-04
40	0.19858900E-03	0.68546913E-04
41	0.20582136E-03	0.75701435E-04
42	0.21365011E-03	0.80480946E-04
43	0.22183995E-03	0.82932427E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.23016134E-03	0.83126157E-04
45	0.23839410E-03	0.81187689E-04
46	0.24633505E-03	0.77334356E-04
47	0.25380761E-03	0.71879775E-04
48	0.26067105E-03	0.65225991E-04
49	0.26682936E-03	0.57869023E-04
50	0.27224206E-03	0.50428556E-04
51	0.27693657E-03	0.43633005E-04
52	0.28101512E-03	0.38230915E-04
53	0.28465001E-03	0.34847133E-04
54	0.28806142E-03	0.33769906E-04
55	0.29148185E-03	0.35027904E-04
56	0.29514486E-03	0.38621198E-04
57	0.29928394E-03	0.44549808E-04
58	0.30413264E-03	0.52813706E-04
59	0.30992451E-03	0.63412874E-04
60	0.31689307E-03	0.76347314E-04
61	0.32519319E-03	0.89257985E-04
62	0.33466524E-03	0.99785837E-04
63	0.34507093E-03	0.10793088E-03
64	0.35617198E-03	0.11369311E-03
65	0.36773013E-03	0.11707253E-03
66	0.37950705E-03	0.11806913E-03
67	0.39126453E-03	0.11668292E-03
68	0.40276421E-03	0.11291391E-03
69	0.41376788E-03	0.10676208E-03
70	0.42403719E-03	0.98227429E-04
71	0.43333395E-03	0.87309963E-04
72	0.44141978E-03	0.74009644E-04
73	0.44805644E-03	0.58326470E-04
74	0.45300563E-03	0.40260431E-04
75	0.45602908E-03	0.19811523E-04
76	0.45688852E-03	-0.30202511E-05
77	0.45534561E-03	-0.28234892E-04
78	0.45116211E-03	-0.55832392E-04
79	0.44409971E-03	-0.85812753E-04
80	0.43392013E-03	-0.11817597E-03
81	0.42038507E-03	-0.15292205E-03
82	0.40325630E-03	-0.19005097E-03
83	0.38229546E-03	-0.22956273E-03
84	0.35726430E-03	-0.27145736E-03
85	0.32792456E-03	-0.31573483E-03
86	0.29403792E-03	-0.36239516E-03
87	0.25541705E-03	-0.40990996E-03
88	0.21226399E-03	-0.45118300E-03
89	0.16590874E-03	-0.47060705E-03

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.11969940E-03	-0.44332637E-03
91	0.78716235E-04	-0.37186267E-03
92	0.45843324E-04	-0.28490505E-03
93	0.21654354E-04	-0.20037357E-03
94	0.53666286E-05	-0.12790156E-03
95	-0.44538965E-05	-0.71267714E-04
96	-0.94181914E-05	-0.30572206E-04
97	-0.11035831E-04	-0.39015013E-05
98	-0.10571921E-04	0.11566322E-04
99	-0.89966206E-05	0.18812525E-04
100	-0.69934704E-05	0.20537105E-04
101	-0.49997107E-05	0.18946361E-04
102	-0.32596010E-05	0.15693528E-04
103	-0.18785848E-05	0.11913306E-04
104	-0.87112551E-06	0.83075192E-05
105	-0.19886626E-06	0.52481764E-05
106	0.20142768E-06	0.28763702E-05
107	0.39916836E-06	0.11873813E-05
108	0.45876294E-06	0.94162189E-07
109	0.43371469E-06	-0.52764091E-06
110	0.36463646E-06	-0.80739267E-06
111	0.27978044E-06	-0.86081576E-06
112	0.19690391E-06	-0.78132086E-06
113	0.12564610E-06	-0.63793078E-06
114	0.69895378E-07	-0.47721210E-06
115	0.29844266E-07	-0.32727593E-06
116	0.36064507E-08	-0.20235213E-06
117	-0.11615032E-07	-0.10709454E-06
118	-0.18762448E-07	-0.40336680E-07
119	-0.20492671E-07	0.21121074E-08
120	-0.18969804E-07	0.25667580E-07
121	-0.15807448E-07	0.35774242E-07
122	-0.12103309E-07	0.37230258E-07
123	-0.85214023E-08	0.33886096E-07
124	-0.53913993E-08	0.28582647E-07
125	-0.28065397E-08	0.23229207E-07
126	-0.70992151E-09	0.18944867E-07
127	0.10338640E-08	0.16203431E-07
128	0.25802878E-08	0.14947684E-07
129	0.40554622E-08	0.14653770E-07

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63929055E-03	-0.15920654E-03
2	0.62336988E-03	-0.15920654E-03
3	0.60744921E-03	-0.15920654E-03
4	0.59152854E-03	-0.15920654E-03
5	0.57560793E-03	-0.15920654E-03
6	0.55968727E-03	-0.15920654E-03
7	0.54376660E-03	-0.15920654E-03
8	0.52784593E-03	-0.15920652E-03
9	0.51192532E-03	-0.15920645E-03
10	0.49600471E-03	-0.15920580E-03
11	0.48008421E-03	-0.15920323E-03
12	0.46416416E-03	-0.15919666E-03
13	0.44824512E-03	-0.15918318E-03
14	0.43232788E-03	-0.15915916E-03
15	0.41641411E-03	-0.15911004E-03
16	0.40050791E-03	-0.15899960E-03
17	0.38461815E-03	-0.15877052E-03
18	0.36876029E-03	-0.15834709E-03
19	0.35295822E-03	-0.15763870E-03
20	0.33724541E-03	-0.15654461E-03
21	0.32166563E-03	-0.15496033E-03
22	0.30627748E-03	-0.15265205E-03
23	0.29117003E-03	-0.14929980E-03
24	0.27645973E-03	-0.14468095E-03
25	0.26227924E-03	-0.13870023E-03
26	0.24876546E-03	-0.13134647E-03
27	0.23605571E-03	-0.12261973E-03
28	0.22428729E-03	-0.11251999E-03
29	0.21359748E-03	-0.10104723E-03
30	0.20412360E-03	-0.88201487E-04
31	0.19600295E-03	-0.73982745E-04
32	0.18937282E-03	-0.58391019E-04
33	0.18437051E-03	-0.41426316E-04
34	0.18113332E-03	-0.23088638E-04
35	0.17979855E-03	-0.33779895E-05
36	0.18044042E-03	0.15813617E-04
37	0.18288090E-03	0.32594176E-04
38	0.18687890E-03	0.46963713E-04
39	0.19219329E-03	0.58922338E-04
40	0.19858300E-03	0.68470472E-04
41	0.20580734E-03	0.75617383E-04
42	0.21362738E-03	0.80391335E-04
43	0.22180819E-03	0.82842816E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.23012105E-03	0.83047285E-04
45	0.23834716E-03	0.81137179E-04
46	0.24628552E-03	0.77338140E-04
47	0.25376258E-03	0.71972987E-04
48	0.26064162E-03	0.65452783E-04
49	0.26683140E-03	0.58280631E-04
50	0.27229675E-03	0.51078841E-04
51	0.27707030E-03	0.44570410E-04
52	0.28125831E-03	0.39485920E-04
53	0.28503456E-03	0.36414276E-04
54	0.28861608E-03	0.35590565E-04
55	0.29222752E-03	0.37012065E-04
56	0.29609326E-03	0.40676186E-04
57	0.30043744E-03	0.46580706E-04
58	0.30548402E-03	0.54724038E-04
59	0.31145685E-03	0.65105582E-04
60	0.31857978E-03	0.77726138E-04
61	0.32699673E-03	0.90185968E-04
62	0.33653170E-03	0.10008790E-03
63	0.34692933E-03	0.10744041E-03
64	0.35793521E-03	0.11225574E-03
65	0.36929644E-03	0.11455017E-03
66	0.38076268E-03	0.11436737E-03
67	0.39209091E-03	0.11181428E-03
68	0.40305269E-03	0.10707601E-03
69	0.41344212E-03	0.10041800E-03
70	0.42308363E-03	0.92180351E-04
71	0.43183874E-03	0.82759463E-04
72	0.43960992E-03	0.72570387E-04
73	0.44633984E-03	0.61991748E-04
74	0.45200650E-03	0.51359788E-04
75	0.45661864E-03	0.40933432E-04
76	0.46020321E-03	0.30807947E-04
77	0.46279025E-03	0.20983329E-04
78	0.46440991E-03	0.11459583E-04
79	0.46509222E-03	0.22367065E-05
80	0.46486728E-03	-0.66853004E-05
81	0.46376517E-03	-0.15306437E-04
82	0.46181600E-03	-0.23626704E-04
83	0.45904986E-03	-0.31646101E-04
84	0.45549683E-03	-0.39364630E-04
85	0.45118696E-03	-0.46782287E-04
86	0.44604458E-03	-0.57073674E-04
87	0.43957063E-03	-0.73413394E-04
88	0.43116030E-03	-0.95801443E-04
89	0.42020873E-03	-0.12423783E-03

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.40611110E-03	-0.15872254E-03
91	0.38826262E-03	-0.19925559E-03
92	0.36605838E-03	-0.24583697E-03
93	0.33889362E-03	-0.29846668E-03
94	0.30616345E-03	-0.35714472E-03
95	0.26737069E-03	-0.41864207E-03
96	0.22268681E-03	-0.47258599E-03
97	0.17373016E-03	-0.50022936E-03
98	0.12445697E-03	-0.47339167E-03
99	0.80750171E-04	-0.39560394E-03
100	0.45926379E-04	-0.30011023E-03
101	0.20629292E-04	-0.20758146E-03
102	0.39451147E-05	-0.12900186E-03
103	-0.57757629E-05	-0.68562724E-04
104	-0.10368302E-04	-0.26149766E-04
105	-0.11524281E-04	0.70624890E-06
106	-0.10631574E-04	0.15426609E-04
107	-0.87272047E-05	0.21499600E-04
108	-0.65175686E-05	0.21995156E-04
109	-0.44329386E-05	0.19347768E-04
110	-0.26940847E-05	0.15318288E-04
111	-0.13768542E-05	0.11061607E-04
112	-0.46712333E-06	0.72441317E-05
113	0.96887177E-07	0.41741105E-05
114	0.39505233E-06	0.19246970E-05
115	0.50694058E-06	0.42870360E-06
116	0.50126687E-06	-0.45307604E-06
117	0.43151101E-06	-0.87928663E-06
118	0.33567363E-06	-0.99757381E-06
119	0.23818033E-06	-0.93033867E-06
120	0.15271357E-06	-0.76987402E-06
121	0.85198749E-07	-0.57961284E-06
122	0.36482849E-07	-0.39859592E-06
123	0.44938901E-08	-0.24714913E-06
124	-0.14180805E-07	-0.13271716E-06
125	-0.23261727E-07	-0.54650716E-07
126	-0.26140839E-07	-0.74810043E-08
127	-0.25531346E-07	0.16486144E-07
128	-0.23345255E-07	0.25403981E-07
129	-0.20690766E-07	0.27115318E-07

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.63929055E-03	-0.15920657E-03
2	0.62336988E-03	-0.15920657E-03
3	0.60744921E-03	-0.15920657E-03
4	0.59152860E-03	-0.15920657E-03
5	0.57560793E-03	-0.15920657E-03
6	0.55968727E-03	-0.15920657E-03
7	0.54376660E-03	-0.15920657E-03
8	0.52784593E-03	-0.15920655E-03
9	0.51192532E-03	-0.15920648E-03
10	0.49600465E-03	-0.15920583E-03
11	0.48008419E-03	-0.15920326E-03
12	0.46416416E-03	-0.15919669E-03
13	0.44824509E-03	-0.15918321E-03
14	0.43232786E-03	-0.15915917E-03
15	0.41641408E-03	-0.15911004E-03
16	0.40050791E-03	-0.15899960E-03
17	0.38461812E-03	-0.15877049E-03
18	0.36876029E-03	-0.15834703E-03
19	0.35295822E-03	-0.15763861E-03
20	0.33724541E-03	-0.15654448E-03
21	0.32166566E-03	-0.15496016E-03
22	0.30627751E-03	-0.15265182E-03
23	0.29117009E-03	-0.14929951E-03
24	0.27645985E-03	-0.14468061E-03
25	0.26227938E-03	-0.13869986E-03
26	0.24876563E-03	-0.13134614E-03
27	0.23605592E-03	-0.12261944E-03
28	0.22428751E-03	-0.11251977E-03
29	0.21359773E-03	-0.10104712E-03
30	0.20412385E-03	-0.88201508E-04
31	0.19600318E-03	-0.73982912E-04
32	0.18937304E-03	-0.58391342E-04
33	0.18437069E-03	-0.41426803E-04
34	0.18113344E-03	-0.23089286E-04
35	0.17979859E-03	-0.33787942E-05
36	0.18044037E-03	0.15812653E-04
37	0.18288076E-03	0.32593052E-04
38	0.18687862E-03	0.46962447E-04
39	0.19219288E-03	0.58920989E-04
40	0.19858248E-03	0.68469155E-04
41	0.20580667E-03	0.75616321E-04
42	0.21362664E-03	0.80390841E-04
43	0.22180745E-03	0.82843355E-04

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.23012044E-03	0.83049454E-04
45	0.23834688E-03	0.81141705E-04
46	0.24628584E-03	0.77345845E-04
47	0.25376386E-03	0.71984679E-04
48	0.26064430E-03	0.65469118E-04
49	0.26683597E-03	0.58301892E-04
50	0.27230367E-03	0.51104616E-04
51	0.27707996E-03	0.44599197E-04
52	0.28127088E-03	0.39514631E-04
53	0.28504981E-03	0.36437708E-04
54	0.28863319E-03	0.35603669E-04
55	0.29224530E-03	0.37012509E-04
56	0.29611043E-03	0.40664228E-04
57	0.30045290E-03	0.46558824E-04
58	0.30549697E-03	0.54696306E-04
59	0.31146692E-03	0.65076660E-04
60	0.31858706E-03	0.77699755E-04
61	0.32700159E-03	0.90163994E-04
62	0.33653461E-03	0.10007086E-03
63	0.34693076E-03	0.10742810E-03
64	0.35793564E-03	0.11224754E-03
65	0.36929621E-03	0.11454526E-03
66	0.38076210E-03	0.11436494E-03
67	0.39209018E-03	0.11181356E-03
68	0.40305193E-03	0.10707640E-03
69	0.41344145E-03	0.10041900E-03
70	0.42308308E-03	0.92181624E-04
71	0.43183833E-03	0.82760773E-04
72	0.43960963E-03	0.72571602E-04
73	0.44633966E-03	0.61992803E-04
74	0.45200641E-03	0.51360654E-04
75	0.45661864E-03	0.40934119E-04
76	0.46020327E-03	0.30808471E-04
77	0.46279037E-03	0.20983709E-04
78	0.46441003E-03	0.11459833E-04
79	0.46509237E-03	0.22368433E-05
80	0.46486742E-03	-0.66852604E-05
81	0.46376532E-03	-0.15306478E-04
82	0.46181615E-03	-0.23626808E-04
83	0.45905000E-03	-0.31646254E-04
84	0.45549695E-03	-0.39364812E-04
85	0.45118708E-03	-0.46782483E-04
86	0.44604467E-03	-0.57073870E-04
87	0.43957069E-03	-0.73413576E-04
88	0.43116033E-03	-0.95801610E-04
89	0.42020876E-03	-0.12423795E-03

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.40611112E-03	-0.15872264E-03
91	0.38826262E-03	-0.19925565E-03
92	0.36605838E-03	-0.24583700E-03
93	0.33889359E-03	-0.29846668E-03
94	0.30616342E-03	-0.35714472E-03
95	0.26737069E-03	-0.41864207E-03
96	0.22268679E-03	-0.47258599E-03
97	0.17373016E-03	-0.50022936E-03
98	0.12445696E-03	-0.47339167E-03
99	0.80750164E-04	-0.39560394E-03
100	0.45926376E-04	-0.30011023E-03
101	0.20629290E-04	-0.20758144E-03
102	0.39451147E-05	-0.12900186E-03
103	-0.57757634E-05	-0.68562716E-04
104	-0.10368302E-04	-0.26149768E-04
105	-0.11524281E-04	0.70624759E-06
106	-0.10631575E-04	0.15426607E-04
107	-0.87272056E-05	0.21499598E-04
108	-0.65175691E-05	0.21995156E-04
109	-0.44329390E-05	0.19347768E-04
110	-0.26940852E-05	0.15318288E-04
111	-0.13768546E-05	0.11061607E-04
112	-0.46712358E-06	0.72441326E-05
113	0.96887028E-07	0.41741114E-05
114	0.39505227E-06	0.19246977E-05
115	0.50694058E-06	0.42870403E-06
116	0.50126687E-06	-0.45307581E-06
117	0.43151104E-06	-0.87928652E-06
118	0.33567366E-06	-0.99757381E-06
119	0.23818036E-06	-0.93033867E-06
120	0.15271358E-06	-0.76987408E-06
121	0.85198764E-07	-0.57961290E-06
122	0.36482863E-07	-0.39859597E-06
123	0.44938973E-08	-0.24714919E-06
124	-0.14180801E-07	-0.13271719E-06
125	-0.23261725E-07	-0.54650737E-07
126	-0.26140841E-07	-0.74810194E-08
127	-0.25531349E-07	0.16486132E-07
128	-0.23345258E-07	0.25403970E-07
129	-0.20690772E-07	0.27115309E-07

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.63929E-03	9
2	-0.10000	0.62337E-03	9
3	-0.20000	0.60745E-03	9
4	-0.30000	0.59153E-03	9
5	-0.40000	0.57561E-03	9
6	-0.50000	0.55969E-03	9
7	-0.60000	0.54377E-03	7
8	-0.70000	0.52785E-03	7
9	-0.80000	0.51193E-03	5
10	-0.90000	0.49603E-03	5
11	-1.0000	0.48012E-03	5
12	-1.1000	0.46421E-03	5
13	-1.2000	0.44831E-03	5
14	-1.3000	0.43240E-03	5
15	-1.4000	0.41650E-03	5
16	-1.5000	0.40060E-03	5
17	-1.6000	0.38491E-03	3
18	-1.7000	0.36943E-03	3
19	-1.8000	0.35396E-03	3
20	-1.9000	0.33848E-03	3
21	-2.0000	0.32301E-03	3
22	-2.1000	0.30753E-03	3
23	-2.2000	0.29205E-03	3
24	-2.3000	0.27658E-03	3
25	-2.4000	0.26228E-03	9
26	-2.5000	0.24877E-03	9
27	-2.6000	0.23606E-03	9
28	-2.7000	0.22429E-03	9
29	-2.8000	0.21360E-03	9
30	-2.9000	0.20412E-03	9
31	-3.0000	0.19600E-03	9
32	-3.1000	0.18937E-03	9
33	-3.2000	0.18437E-03	9
34	-3.3000	0.18113E-03	9
35	-3.4000	0.17980E-03	9
36	-3.5000	0.18044E-03	8
37	-3.6000	0.18288E-03	8
38	-3.7000	0.18688E-03	8

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.19219E-03	8
40	-3.9000	0.19859E-03	7
41	-4.0000	0.20582E-03	7
42	-4.1000	0.21365E-03	7
43	-4.2000	0.22184E-03	7
44	-4.3000	0.23016E-03	7
45	-4.4000	0.23860E-03	5
46	-4.5000	0.24740E-03	5
47	-4.6000	0.25579E-03	5
48	-4.7000	0.26355E-03	5
49	-4.8000	0.27045E-03	5
50	-4.9000	0.27626E-03	5
51	-5.0000	0.28077E-03	5
52	-5.1000	0.28374E-03	4
53	-5.2000	0.28505E-03	9
54	-5.3000	0.28863E-03	9
55	-5.4000	0.29225E-03	9
56	-5.5000	0.29611E-03	9
57	-5.6000	0.30045E-03	9
58	-5.7000	0.30550E-03	9
59	-5.8000	0.31147E-03	9
60	-5.9000	0.31859E-03	9
61	-6.0000	0.32700E-03	9
62	-6.1000	0.33653E-03	9
63	-6.2000	0.34693E-03	9
64	-6.3000	0.35794E-03	9
65	-6.4000	0.36930E-03	8
66	-6.5000	0.38076E-03	8
67	-6.6000	0.39209E-03	8
68	-6.7000	0.40305E-03	8
69	-6.8000	0.41377E-03	7
70	-6.9000	0.42404E-03	7
71	-7.0000	0.43333E-03	7
72	-7.1000	0.44142E-03	7
73	-7.2000	0.44806E-03	7
74	-7.3000	0.45301E-03	7
75	-7.4000	0.45662E-03	9
76	-7.5000	0.46020E-03	9
77	-7.6000	0.46279E-03	9
78	-7.7000	0.46441E-03	9
79	-7.8000	0.46509E-03	9
80	-7.9000	0.46487E-03	9
81	-8.0000	0.46377E-03	9
82	-8.1000	0.46182E-03	9
83	-8.2000	0.45905E-03	9
84	-8.3000	0.45550E-03	9

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.45119E-03	9
86	-8.5000	0.44604E-03	9
87	-8.6000	0.43957E-03	9
88	-8.7000	0.43116E-03	9
89	-8.8000	0.42021E-03	9
90	-8.9000	0.40611E-03	9
91	-9.0000	0.38826E-03	9
92	-9.1000	0.36606E-03	9
93	-9.2000	0.33889E-03	8
94	-9.3000	0.30616E-03	8
95	-9.4000	0.26737E-03	9
96	-9.5000	0.22269E-03	8
97	-9.6000	0.17373E-03	9
98	-9.7000	0.12446E-03	8
99	-9.8000	0.80750E-04	8
100	-9.9000	0.45926E-04	8
101	-10.000	0.20629E-04	8
102	-10.100	0.39451E-05	9
103	-10.200	-0.57758E-05	9
104	-10.300	-0.10368E-04	9
105	-10.400	-0.11524E-04	9
106	-10.500	-0.10632E-04	9
107	-10.600	-0.87272E-05	9
108	-10.700	-0.65176E-05	9
109	-10.800	-0.44329E-05	9
110	-10.900	-0.26941E-05	9
111	-11.000	-0.13769E-05	9
112	-11.100	-0.46712E-06	9
113	-11.200	0.12565E-06	7
114	-11.300	0.39505E-06	8
115	-11.400	0.50694E-06	9
116	-11.500	0.50127E-06	9
117	-11.600	0.43151E-06	9
118	-11.700	0.33567E-06	9
119	-11.800	0.23818E-06	9
120	-11.900	0.15271E-06	9
121	-12.000	0.85199E-07	9
122	-12.100	0.36483E-07	9
123	-12.200	-0.85214E-08	7
124	-12.300	-0.14181E-07	8
125	-12.400	-0.23262E-07	8
126	-12.500	-0.26141E-07	9
127	-12.600	-0.25531E-07	9
128	-12.700	-0.23345E-07	9
129	-12.800	-0.20691E-07	9

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 9
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.2860E-12	0.4903E-12	0.3890E-08
	B	-0.1000	0.5684E-13	0.3894E-09	0.3890E-08
2	A	-0.1000	0.2132E-13	0.3894E-09	0.1042E-07
	B	-0.2000	0.2167E-12	0.1432E-08	0.1042E-07
3	A	-0.2000	0.2274E-12	0.1432E-08	0.1567E-07
	B	-0.3000	0.2274E-12	0.2998E-08	0.1567E-07
4	A	-0.3000	0.5436E-12	0.2998E-08	0.4210E-04
	B	-0.4000	0.8171E-12	0.4210E-05	0.4210E-04
5	A	-0.4000	0.4921E-12	0.4210E-05	0.4190E-04
	B	-0.5000	0.3233E-12	0.8400E-05	0.4190E-04
6	A	-0.5000	0.4388E-12	0.8400E-05	0.8314E-06
	B	-0.6000	0.7141E-12	0.8317E-05	0.8314E-06
7	A	-0.6000	0.7478E-12	0.8317E-05	0.8646E-04
	B	-0.7000	0.4304E-06	0.2615E-11	0.8646E-04
8	A	-0.7000	0.4304E-06	0.2178E-11	0.2153E-03
	B	-0.8000	0.2186E-04	0.2011E-11	0.2153E-03
9	A	-0.8000	0.2186E-04	0.2165E-11	0.3944E-03
	B	-0.9000	0.6060E-04	0.2036E-11	0.3944E-03
10	A	-0.9000	0.6060E-04	0.2112E-11	0.1043E-02
	B	-1.000	0.1490E-03	0.2142E-11	0.1043E-02
11	A	-1.000	0.1490E-03	0.2425E-11	0.1991E-02
	B	-1.100	0.3481E-03	0.2785E-11	0.1991E-02
12	A	-1.100	0.3481E-03	0.2924E-11	0.3231E-02
	B	-1.200	0.6712E-03	0.3020E-11	0.3231E-02
13	A	-1.200	0.6712E-03	0.2958E-11	0.4744E-02
	B	-1.300	0.1146E-02	0.3521E-11	0.4744E-02
14	A	-1.300	0.1146E-02	0.3656E-11	0.1423E-01
	B	-1.400	0.2569E-02	0.3830E-11	0.1423E-01
15	A	-1.400	0.2569E-02	0.4006E-11	0.3213E-01
	B	-1.500	0.5782E-02	0.4380E-11	0.3213E-01
16	A	-1.500	0.5782E-02	0.4325E-11	0.5756E-01
	B	-1.600	0.1154E-01	0.4992E-11	0.5756E-01
17	A	-1.600	0.1154E-01	0.4988E-11	0.8938E-01
	B	-1.700	0.2048E-01	0.5485E-11	0.8938E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.2048E-01	0.5532E-11	0.1261
	B	-1.800	0.3308E-01	0.5990E-11	0.1261
19	A	-1.800	0.3308E-01	0.6121E-11	0.1655
	B	-1.900	0.4963E-01	0.6402E-11	0.1655
20	A	-1.900	0.4963E-01	0.6416E-11	0.2051
	B	-2.000	0.7014E-01	0.7063E-11	0.2051
21	A	-2.000	0.7014E-01	0.7155E-11	0.3423
	B	-2.100	0.1044	0.7404E-11	0.3423
22	A	-2.100	0.1044	0.7413E-11	0.4475
	B	-2.200	0.1491	0.7912E-11	0.4475
23	A	-2.200	0.1491	0.7674E-11	0.5120
	B	-2.300	0.2001	0.8527E-11	0.5120
24	A	-2.300	0.2001	0.8427E-11	0.5370
	B	-2.400	0.2522	0.8953E-11	0.5370
25	A	-2.400	0.2522	0.9052E-11	0.5370
	B	-2.500	0.3043	0.9749E-11	0.5370
26	A	-2.500	0.3043	0.9729E-11	0.5370
	B	-2.600	0.3563	0.1021E-10	0.5370
27	A	-2.600	0.3563	0.1028E-10	0.5370
	B	-2.700	0.4082	0.1105E-10	0.5370
28	A	-2.700	0.4082	0.1104E-10	0.5370
	B	-2.800	0.4600	0.1698E-10	0.5370
29	A	-2.800	0.4600	0.1704E-10	0.5370
	B	-2.900	0.5121	0.4811E-10	0.5370
30	A	-2.900	0.5121	0.4816E-10	0.5370
	B	-3.000	0.5658	0.7899E-10	0.5370
31	A	-3.000	0.5658	0.7894E-10	0.5370
	B	-3.100	0.6195	0.1098E-09	0.5370
32	A	-3.100	0.6195	0.1099E-09	0.5370
	B	-3.200	0.6732	0.1406E-09	0.5370
33	A	-3.200	0.6732	0.1407E-09	0.5370
	B	-3.300	0.7269	0.1716E-09	0.5370
34	A	-3.300	0.7269	0.1716E-09	0.5370
	B	-3.400	0.7806	0.2025E-09	0.5370
35	A	-3.400	0.7806	0.2025E-09	0.9114
	B	-3.500	0.6955	0.2449E-09	0.9114
36	A	-3.500	0.6955	0.2449E-09	0.9141
	B	-3.600	0.6105	0.2871E-09	0.9141
37	A	-3.600	0.6105	0.2872E-09	0.9179
	B	-3.700	0.5255	0.	0.9179
38	A	-3.700	0.5255	0.	2.506
	B	-3.800	0.4405	0.	2.506
39	A	-3.800	0.4405	0.	6.890
	B	-3.900	0.9599	0.	6.890
40	A	-3.900	0.9599	0.	2.199
	B	-4.000	1.180	0.	2.199

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	1.180	0.	0.8914
	B	-4.100	1.121	0.	0.8914
42	A	-4.100	1.121	0.	1.951
	B	-4.200	0.9260	0.	1.951
43	A	-4.200	0.9260	0.	2.358
	B	-4.300	0.6902	0.3516E-01	2.358
44	A	-4.300	0.6902	0.3516E-01	2.224
	B	-4.400	0.4679	0.1124	2.224
45	A	-4.400	0.4679	0.1124	1.853
	B	-4.500	0.2825	0.1797	1.853
46	A	-4.500	0.2825	0.1797	1.395
	B	-4.600	0.1430	0.2397	1.395
47	A	-4.600	0.1430	0.2397	0.9533
	B	-4.700	0.4769E-01	0.3247	0.9533
48	A	-4.700	0.4769E-01	0.3247	0.8502
	B	-4.800	0.	0.4097	0.8502
49	A	-4.800	0.	0.4097	0.8502
	B	-4.900	0.	0.4948	0.8502
50	A	-4.900	0.	0.4948	0.8502
	B	-5.000	0.	0.5798	0.8502
51	A	-5.000	0.	0.5798	0.8502
	B	-5.100	0.	0.6648	0.8502
52	A	-5.100	0.	0.6648	0.8611
	B	-5.200	0.	0.7498	0.8611
53	A	-5.200	0.	0.7498	0.8827
	B	-5.300	0.1132E-01	0.8348	0.8827
54	A	-5.300	0.1132E-01	0.8348	0.8827
	B	-5.400	0.9614E-01	0.9199	0.8827
55	A	-5.400	0.9614E-01	0.9199	0.8827
	B	-5.500	0.1809	1.005	0.8827
56	A	-5.500	0.1809	1.005	0.8827
	B	-5.600	0.2683	1.090	0.8827
57	A	-5.600	0.2683	1.090	0.8827
	B	-5.700	0.3565	1.175	0.8827
58	A	-5.700	0.3565	1.175	0.8827
	B	-5.800	0.4448	1.260	0.8827
59	A	-5.800	0.4448	1.260	0.8827
	B	-5.900	0.5331	1.345	0.8827
60	A	-5.900	0.5331	1.345	0.9682
	B	-6.000	0.4430	1.430	0.9682
61	A	-6.000	0.4430	1.430	0.9656
	B	-6.100	0.3529	1.428	0.9656
62	A	-6.100	0.3529	1.428	2.939
	B	-6.200	0.2629	1.134	2.939
63	A	-6.200	0.2629	1.134	8.174
	B	-6.300	0.1728	0.3168	8.174

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.1728	0.3168	15.92
	B	-6.400	1.275	0.	15.92
65	A	-6.400	1.275	0.	7.516
	B	-6.500	2.027	0.5308E-01	7.516
66	A	-6.500	2.027	0.5308E-01	1.843
	B	-6.600	2.211	0.1399	1.843
67	A	-6.600	2.211	0.1399	1.593
	B	-6.700	2.052	0.2183	1.593
68	A	-6.700	2.052	0.2183	3.338
	B	-6.800	1.718	0.2851	3.338
69	A	-6.800	1.718	0.2851	3.904
	B	-6.900	1.328	0.3676	3.904
70	A	-6.900	1.328	0.3676	3.761
	B	-7.000	0.9515	0.4577	3.761
71	A	-7.000	0.9515	0.4577	3.255
	B	-7.100	0.6260	0.5478	3.255
72	A	-7.100	0.6260	0.5478	2.595
	B	-7.200	0.3665	0.6379	2.595
73	A	-7.200	0.3665	0.6379	1.920
	B	-7.300	0.1745	0.7279	1.920
74	A	-7.300	0.1745	0.7279	1.312
	B	-7.400	0.4331E-01	0.8180	1.312
75	A	-7.400	0.4331E-01	0.8180	0.9007
	B	-7.500	0.	0.9081	0.9007
76	A	-7.500	0.	0.9081	0.9007
	B	-7.600	0.	0.9982	0.9007
77	A	-7.600	0.	0.9982	0.9007
	B	-7.700	0.	1.088	0.9007
78	A	-7.700	0.	1.088	0.9007
	B	-7.800	0.	1.178	0.9007
79	A	-7.800	0.	1.178	0.9007
	B	-7.900	0.2338E-05	1.268	0.9007
80	A	-7.900	0.2338E-05	1.268	0.9007
	B	-8.000	0.3544E-05	1.358	0.9007
81	A	-8.000	0.3544E-05	1.358	0.9007
	B	-8.100	0.3655E-05	1.449	0.9007
82	A	-8.100	0.3655E-05	1.449	0.9007
	B	-8.200	0.3176E-05	1.539	0.9007
83	A	-8.200	0.3176E-05	1.539	0.9007
	B	-8.300	0.2461E-05	1.629	0.9007
84	A	-8.300	0.2461E-05	1.629	0.9007
	B	-8.400	0.1736E-05	1.719	0.9007
85	A	-8.400	0.1736E-05	1.719	2.286
	B	-8.500	0.1102E-05	1.809	2.286
86	A	-8.500	0.1102E-05	1.809	2.286
	B	-8.600	0.2392E-03	1.783	2.286

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.2392E-03	1.783	4.464
	B	-8.700	0.2764E-02	1.337	4.464
88	A	-8.700	0.2764E-02	1.337	12.05
	B	-8.800	0.3868E-02	1.189	12.05
89	A	-8.800	0.3868E-02	1.189	23.25
	B	-8.900	2.194	1.418	23.25
90	A	-8.900	2.194	1.418	10.15
	B	-9.000	3.209	1.646	10.15
91	A	-9.000	3.209	1.646	2.286
	B	-9.100	3.365	1.875	2.286
92	A	-9.100	3.365	1.875	3.400
	B	-9.200	3.025	2.104	3.400
93	A	-9.200	3.025	2.104	5.717
	B	-9.300	2.454	2.332	5.717
94	A	-9.300	2.454	2.332	6.257
	B	-9.400	1.828	2.317	6.257
95	A	-9.400	1.828	2.317	5.793
	B	-9.500	1.249	1.761	5.793
96	A	-9.500	1.249	1.761	14.33
	B	-9.600	0.7676	0.3285	14.33
97	A	-9.600	0.7676	0.3285	26.86
	B	-9.700	2.357	0.1311E-07	26.86
98	A	-9.700	2.357	0.1311E-07	11.66
	B	-9.800	3.523	0.9244E-04	11.66
99	A	-9.800	3.523	0.9244E-04	1.727
	B	-9.900	3.696	0.1571E-01	1.727
100	A	-9.900	3.696	0.1571E-01	3.969
	B	-10.00	3.299	0.1046	3.969
101	A	-10.00	3.299	0.1046	6.577
	B	-10.10	2.641	0.1414	6.577
102	A	-10.10	2.641	0.1414	7.137
	B	-10.20	1.928	0.1444	7.137
103	A	-10.20	1.928	0.1444	6.490
	B	-10.30	1.279	0.1282	6.490
104	A	-10.30	1.279	0.1282	5.271
	B	-10.40	0.7516	0.1031	5.271
105	A	-10.40	0.7516	0.1031	3.904
	B	-10.50	0.3612	0.7620E-01	3.904
106	A	-10.50	0.3612	0.7620E-01	2.634
	B	-10.60	0.9788E-01	0.5149E-01	2.634
107	A	-10.60	0.9788E-01	0.5149E-01	1.583
	B	-10.70	0.5485E-09	0.6042E-01	1.583
108	A	-10.70	0.5485E-09	0.6042E-01	0.7931
	B	-10.80	0.1065E-09	0.1397	0.7931
109	A	-10.80	0.1065E-09	0.1397	0.2518
	B	-10.90	0.1816E-05	0.1649	0.2518

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	0.1816E-05	0.1649	0.8002E-01
	B	-11.00	0.1259E-02	0.1569	0.8002E-01
111	A	-11.00	0.1259E-02	0.1569	0.2520
	B	-11.10	0.4751E-02	0.1317	0.2520
112	A	-11.10	0.4751E-02	0.1317	0.3131
	B	-11.20	0.6090E-02	0.1004	0.3131
113	A	-11.20	0.6090E-02	0.1004	0.3073
	B	-11.30	0.6061E-02	0.6966E-01	0.3073
114	A	-11.30	0.6061E-02	0.6966E-01	0.2623
	B	-11.40	0.5275E-02	0.4344E-01	0.2623
115	A	-11.40	0.5275E-02	0.4344E-01	0.2021
	B	-11.50	0.4170E-02	0.2323E-01	0.2021
116	A	-11.50	0.4170E-02	0.2323E-01	0.1423
	B	-11.60	0.3032E-02	0.8994E-02	0.1423
117	A	-11.60	0.3032E-02	0.8994E-02	0.9046E-01
	B	-11.70	0.2015E-02	0.2767E-10	0.9046E-01
118	A	-11.70	0.2015E-02	0.2767E-10	0.4979E-01
	B	-11.80	0.5031E-02	0.6927E-11	0.4979E-01
119	A	-11.80	0.5031E-02	0.6927E-11	0.2069E-01
	B	-11.90	0.7100E-02	0.	0.2069E-01
120	A	-11.90	0.7100E-02	0.	0.4094E-02
	B	-12.00	0.7284E-02	0.	0.4094E-02
121	A	-12.00	0.7284E-02	0.	0.8824E-02
	B	-12.10	0.6401E-02	0.6724E-04	0.8824E-02
122	A	-12.10	0.6401E-02	0.6724E-04	0.1353E-01
	B	-12.20	0.5048E-02	0.1856E-03	0.1353E-01
123	A	-12.20	0.5048E-02	0.1856E-03	0.1445E-01
	B	-12.30	0.3603E-02	0.2154E-03	0.1445E-01
124	A	-12.30	0.3603E-02	0.2154E-03	0.1304E-01
	B	-12.40	0.2299E-02	0.1894E-03	0.1304E-01
125	A	-12.40	0.2299E-02	0.1894E-03	0.1032E-01
	B	-12.50	0.1267E-02	0.1345E-03	0.1032E-01
126	A	-12.50	0.1267E-02	0.1345E-03	0.7223E-02
	B	-12.60	0.5448E-03	0.7271E-04	0.7223E-02
127	A	-12.60	0.5448E-03	0.7271E-04	0.4154E-02
	B	-12.70	0.1294E-03	0.2222E-04	0.4154E-02
128	A	-12.70	0.1294E-03	0.2222E-04	0.1294E-02
	B	-12.80	0.4337E-17	0.3469E-17	0.1294E-02

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE	chiodo_1	1	PARETE	LeftWall	QUOTA	-3.4000
			FASE 1	inattivo		
			FASE 2	inattivo		
			FASE 3	FORZA	0.12145E-09	kN/m
			FASE 4	FORZA	1.4762	kN/m
			FASE 5	FORZA	1.4762	kN/m
			FASE 6	FORZA	1.5202	kN/m
			FASE 7	FORZA	1.5217	kN/m
			FASE 8	FORZA	1.5222	kN/m
			FASE 9	FORZA	1.5222	kN/m
TIRANTE	chiodo_2	1	PARETE	LeftWall	QUOTA	-5.9000
			FASE 1	inattivo		
			FASE 2	inattivo		
			FASE 3	inattivo		
			FASE 4	inattivo		
			FASE 5	FORZA	-0.44819E-07	kN/m
			FASE 6	FORZA	1.8979	kN/m
			FASE 7	FORZA	1.8979	kN/m
			FASE 8	FORZA	1.9328	kN/m
			FASE 9	FORZA	1.9330	kN/m
TIRANTE	chiodo_3	1	PARETE	LeftWall	QUOTA	-8.4000
			FASE 1	inattivo		
			FASE 2	inattivo		
			FASE 3	inattivo		
			FASE 4	inattivo		
			FASE 5	inattivo		
			FASE 6	inattivo		
			FASE 7	FORZA	-0.64450E-07	kN/m
			FASE 8	FORZA	2.5540	kN/m
			FASE 9	FORZA	2.5540	kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 9
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.3574E-01	20.00	0.	0.
2	-0.1000	1.200	21.20	0.	0.
3	-0.2000	2.400	22.40	0.	0.
4	-0.3000	3.600	23.60	0.	0.
5	-0.4000	4.800	24.80	0.	0.
6	-0.5000	6.000	26.00	0.	0.
7	-0.6000	7.200	27.20	0.	0.
8	-0.7000	8.400	28.40	0.	0.
9	-0.8000	9.600	29.60	0.	0.
10	-0.9000	10.80	30.80	0.	0.
11	-1.000	12.00	32.00	0.	0.
12	-1.100	13.20	33.20	0.	0.
13	-1.200	14.40	34.40	0.	0.
14	-1.300	15.60	35.60	0.	0.
15	-1.400	16.80	36.80	0.	0.
16	-1.500	18.00	38.00	0.	0.
17	-1.600	19.20	39.20	0.	0.
18	-1.700	20.40	40.40	0.	0.
19	-1.800	21.60	41.60	0.	0.
20	-1.900	22.80	42.80	0.	0.
21	-2.000	48.00	44.00	0.	0.
22	-2.100	50.70	45.35	0.	0.
23	-2.200	53.40	46.70	0.	0.
24	-2.300	56.10	48.05	0.	0.
25	-2.400	58.80	49.40	0.	0.
26	-2.500	61.50	50.75	0.	0.
27	-2.600	64.20	52.10	0.	0.
28	-2.700	66.90	53.45	0.	0.
29	-2.800	69.60	54.80	0.	0.
30	-2.900	72.30	56.15	0.	0.
31	-3.000	75.00	57.50	0.	0.
32	-3.100	77.70	58.85	0.	0.
33	-3.200	80.40	60.20	0.	0.
34	-3.300	83.10	61.55	0.	0.
35	-3.400	85.80	62.90	0.	0.

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	88.50	64.25	0.	0.
37	-3.600	91.20	65.60	0.	0.
38	-3.700	93.90	66.95	0.	0.
39	-3.800	96.60	68.30	0.	0.
40	-3.900	99.30	69.65	0.	0.
41	-4.000	102.0	71.00	0.	0.
42	-4.100	104.7	72.35	0.	0.
43	-4.200	107.4	73.70	0.	0.
44	-4.300	110.8	75.05	0.	0.
45	-4.400	115.0	76.40	0.	0.
46	-4.500	118.2	77.75	0.	0.
47	-4.600	120.8	79.10	0.	0.
48	-4.700	123.1	80.45	0.	0.
49	-4.800	125.2	81.80	0.	0.
50	-4.900	127.4	83.15	0.	0.
51	-5.000	129.7	84.50	0.	0.
52	-5.100	132.0	85.85	0.	0.
53	-5.200	134.5	87.20	0.	0.
54	-5.300	137.1	88.55	0.	0.
55	-5.400	139.8	89.90	0.	0.
56	-5.500	142.5	91.25	0.	0.
57	-5.600	145.2	92.60	0.	0.
58	-5.700	147.9	93.95	0.	0.
59	-5.800	150.6	95.30	0.	0.
60	-5.900	153.3	96.65	0.	0.
61	-6.000	156.0	98.00	0.	0.
62	-6.100	158.7	99.35	0.	0.
63	-6.200	161.4	100.7	0.	0.
64	-6.300	164.1	102.1	0.	0.
65	-6.400	166.8	103.4	0.	0.
66	-6.500	169.5	104.8	0.	0.
67	-6.600	172.2	106.1	0.	0.
68	-6.700	174.9	107.4	0.	0.
69	-6.800	177.6	108.8	0.	0.
70	-6.900	181.1	110.2	0.	0.
71	-7.000	186.0	111.5	0.	0.
72	-7.100	189.6	112.8	0.	0.
73	-7.200	192.3	114.2	0.	0.
74	-7.300	194.7	115.6	0.	0.
75	-7.400	196.7	116.9	0.	0.
76	-7.500	198.7	118.2	0.	0.
77	-7.600	200.8	119.6	0.	0.
78	-7.700	202.9	120.9	0.	0.
79	-7.800	205.2	122.3	0.	0.
80	-7.900	207.6	123.7	0.	0.
81	-8.000	210.0	125.0	0.	0.

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	212.7	126.3	0.	0.
83	-8.200	215.4	127.7	0.	0.
84	-8.300	218.1	129.1	0.	0.
85	-8.400	220.8	130.4	0.	0.
86	-8.500	223.5	131.8	0.	0.
87	-8.600	226.2	133.1	0.	0.
88	-8.700	228.9	134.4	0.	0.
89	-8.800	231.6	135.8	0.	0.
90	-8.900	234.3	137.1	0.	0.
91	-9.000	237.0	138.5	0.	0.
92	-9.100	239.7	139.9	0.	0.
93	-9.200	242.4	141.2	0.	0.
94	-9.300	245.1	130.3	0.	0.
95	-9.400	249.9	116.9	0.	0.
96	-9.500	255.0	101.4	0.	0.
97	-9.600	258.5	83.94	0.	0.
98	-9.700	261.0	66.12	0.	0.
99	-9.800	262.9	50.18	0.	0.
100	-9.900	264.7	37.39	0.	0.
101	-10.00	266.4	28.04	0.	0.
102	-10.10	268.2	21.83	0.	0.
103	-10.20	272.1	20.00	0.	0.
104	-10.30	277.1	20.00	0.	0.
105	-10.40	280.3	20.00	0.	0.
106	-10.50	282.6	20.07	0.	0.
107	-10.60	284.4	20.14	0.	0.
108	-10.70	286.0	20.17	0.	0.
109	-10.80	287.7	20.16	0.	0.
110	-10.90	289.6	20.13	0.	0.
111	-11.00	291.7	20.10	0.	0.
112	-11.10	293.9	20.07	0.	0.
113	-11.20	296.4	20.05	0.	0.
114	-11.30	299.1	20.14	0.	0.
115	-11.40	301.8	20.18	0.	0.
116	-11.50	304.5	20.18	0.	0.
117	-11.60	307.2	20.16	0.	0.
118	-11.70	309.9	20.12	0.	0.
119	-11.80	312.6	20.09	0.	0.
120	-11.90	315.3	20.06	0.	0.
121	-12.00	318.0	20.03	0.	0.
122	-12.10	320.7	20.01	0.	0.
123	-12.20	323.4	20.00	0.	0.
124	-12.30	326.1	20.00	0.	0.
125	-12.40	328.8	20.00	0.	0.
126	-12.50	331.5	20.00	0.	0.
127	-12.60	334.2	20.00	0.	0.

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	336.9	20.00	0.	0.
129	-12.80	339.6	20.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 9
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	1.200	0.6000	0.	0.
3	-0.2000	2.400	1.200	0.	0.
4	-0.3000	3.600	1.800	0.	0.
5	-0.4000	4.800	2.400	0.	0.
6	-0.5000	6.000	3.000	0.	0.
7	-0.6000	7.200	3.600	0.	0.
8	-0.7000	8.400	4.200	0.	0.
9	-0.8000	9.600	4.800	0.	0.
10	-0.9000	10.80	5.400	0.	0.
11	-1.000	12.00	6.000	0.	0.
12	-1.100	13.20	6.600	0.	0.
13	-1.200	14.40	7.200	0.	0.
14	-1.300	15.60	7.800	0.	0.
15	-1.400	16.80	8.400	0.	0.
16	-1.500	18.00	9.000	0.	0.
17	-1.600	19.20	9.600	0.	0.
18	-1.700	20.40	10.20	0.	0.
19	-1.800	21.60	10.80	0.	0.
20	-1.900	22.80	11.40	0.	0.
21	-2.000	48.00	0.	0.	0.
22	-2.100	50.70	0.	0.	0.
23	-2.200	53.40	0.	0.	0.
24	-2.300	56.10	0.	0.	0.
25	-2.400	58.80	0.	0.	0.
26	-2.500	61.50	0.	0.	0.
27	-2.600	64.20	0.	0.	0.
28	-2.700	66.90	0.	0.	0.
29	-2.800	69.60	0.	0.	0.
30	-2.900	72.30	0.	0.	0.
31	-3.000	75.00	0.	0.	0.
32	-3.100	77.70	0.	0.	0.
33	-3.200	80.40	0.	0.	0.
34	-3.300	83.10	0.	0.	0.
35	-3.400	85.80	0.	0.	0.

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	88.50	0.	0.	0.
37	-3.600	91.20	0.	0.	0.
38	-3.700	93.90	0.	0.	0.
39	-3.800	96.60	0.	0.	0.
40	-3.900	110.5	55.24	0.	0.
41	-4.000	108.4	52.85	0.	0.
42	-4.100	107.6	51.11	0.	0.
43	-4.200	108.0	49.97	0.	0.
44	-4.300	110.1	49.31	0.	0.
45	-4.400	112.8	48.88	0.	0.
46	-4.500	115.5	48.70	0.	0.
47	-4.600	118.2	48.73	0.	0.
48	-4.700	120.9	48.88	0.	0.
49	-4.800	123.6	49.06	0.	0.
50	-4.900	126.3	49.24	0.	0.
51	-5.000	129.0	49.40	0.	0.
52	-5.100	131.7	49.51	0.	0.
53	-5.200	134.4	49.60	0.	0.
54	-5.300	137.1	49.65	0.	0.
55	-5.400	139.8	49.67	0.	0.
56	-5.500	142.5	49.67	0.	0.
57	-5.600	145.2	49.67	0.	0.
58	-5.700	147.9	49.67	0.	0.
59	-5.800	150.6	49.67	0.	0.
60	-5.900	153.3	49.66	0.	0.
61	-6.000	156.0	49.66	0.	0.
62	-6.100	158.7	49.65	0.	0.
63	-6.200	161.4	49.65	0.	0.
64	-6.300	164.1	49.65	0.	0.
65	-6.400	187.0	93.51	0.	0.
66	-6.500	183.0	90.16	0.	0.
67	-6.600	180.3	87.44	0.	0.
68	-6.700	178.9	85.41	0.	0.
69	-6.800	178.8	84.00	0.	0.
70	-6.900	180.3	83.10	0.	0.
71	-7.000	183.0	82.35	0.	0.
72	-7.100	185.7	82.03	0.	0.
73	-7.200	188.4	81.99	0.	0.
74	-7.300	191.1	82.13	0.	0.
75	-7.400	193.8	82.36	0.	0.
76	-7.500	196.5	82.60	0.	0.
77	-7.600	199.2	82.84	0.	0.
78	-7.700	201.9	83.03	0.	0.
79	-7.800	204.6	83.19	0.	0.
80	-7.900	207.3	83.30	0.	0.
81	-8.000	210.0	83.38	0.	0.

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	212.7	83.42	0.	0.
83	-8.200	215.5	83.43	0.	0.
84	-8.300	218.2	83.44	0.	0.
85	-8.400	220.9	83.44	0.	0.
86	-8.500	223.6	83.43	0.	0.
87	-8.600	226.2	83.42	0.	0.
88	-8.700	228.9	83.42	0.	0.
89	-8.800	231.6	83.41	0.	0.
90	-8.900	279.1	139.5	0.	0.
91	-9.000	266.1	131.7	0.	0.
92	-9.100	256.3	125.5	0.	0.
93	-9.200	250.0	120.9	0.	0.
94	-9.300	246.6	117.9	0.	0.
95	-9.400	247.8	115.9	0.	0.
96	-9.500	250.5	114.5	0.	0.
97	-9.600	253.2	114.0	0.	0.
98	-9.700	315.7	157.8	0.	0.
99	-9.800	297.5	147.4	0.	0.
100	-9.900	283.5	139.0	0.	0.
101	-10.00	274.0	132.9	0.	0.
102	-10.10	268.7	128.9	0.	0.
103	-10.20	269.4	126.0	0.	0.
104	-10.30	272.1	124.3	0.	0.
105	-10.40	274.8	123.9	0.	0.
106	-10.50	277.6	124.2	0.	0.
107	-10.60	280.3	124.8	0.	0.
108	-10.70	283.1	125.6	0.	0.
109	-10.80	285.8	126.3	0.	0.
110	-10.90	288.4	126.9	0.	0.
111	-11.00	291.1	127.4	0.	0.
112	-11.10	293.8	127.8	0.	0.
113	-11.20	296.4	127.9	0.	0.
114	-11.30	299.3	128.0	0.	0.
115	-11.40	302.0	128.1	0.	0.
116	-11.50	304.7	128.1	0.	0.
117	-11.60	307.4	128.1	0.	0.
118	-11.70	310.1	128.0	0.	0.
119	-11.80	312.7	128.0	0.	0.
120	-11.90	315.4	128.0	0.	0.
121	-12.00	318.0	128.0	0.	0.
122	-12.10	320.7	128.0	0.	0.
123	-12.20	323.4	128.0	0.	0.
124	-12.30	326.1	127.9	0.	0.
125	-12.40	328.8	127.9	0.	0.
126	-12.50	331.5	127.9	0.	0.
127	-12.60	334.2	127.9	0.	0.

History 0 - Paratia 2 Sez_C - H = 9.7 m 3 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	336.9	127.9	0.	0.
129	-12.80	339.6	127.9	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2118.2	2118.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2118.2	2118.2
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	25297.	25297.
RAPPORTO PASSIVA/VERA	11.943	11.943
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1959.2	1959.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1959.2	1959.2
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	14069.
RAPPORTO PASSIVA/VERA	15.372	7.1811
SPINTA PASSIVA MOBILITATA	7.%	14.%
RAPPORTO VERA/ATTIVA	1633.3	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1959.2	1959.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1959.2	1959.2
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	14069.
RAPPORTO PASSIVA/VERA	15.372	7.1811
SPINTA PASSIVA MOBILITATA	7.%	14.%
RAPPORTO VERA/ATTIVA	1633.3	0.10000E+06

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1633.3	1631.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1633.3	1631.9
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	8155.2
RAPPORTO PASSIVA/VERA	18.439	4.9975
SPINTA PASSIVA MOBILITATA	5.%	20.%
RAPPORTO VERA/ATTIVA	1361.6	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1633.3	1631.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1633.3	1631.9
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	8155.2
RAPPORTO PASSIVA/VERA	18.439	4.9975
SPINTA PASSIVA MOBILITATA	5.%	20.%
RAPPORTO VERA/ATTIVA	1361.6	0.10000E+06

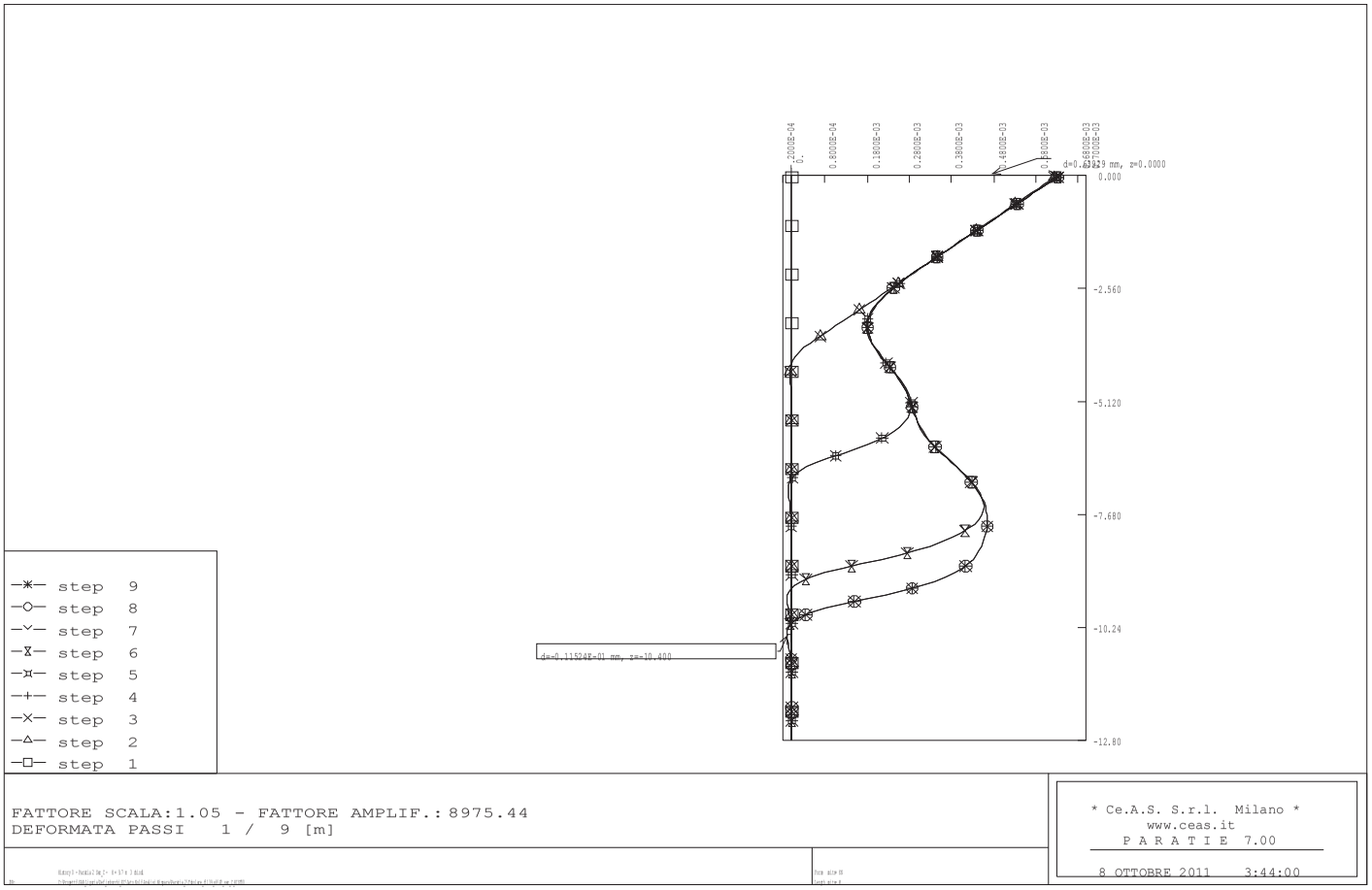
FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1140.6	1137.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1140.6	1137.3
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	3779.4
RAPPORTO PASSIVA/VERA	26.404	3.3230
SPINTA PASSIVA MOBILITATA	4.%	30.%
RAPPORTO VERA/ATTIVA	950.83	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1140.6	1137.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1140.6	1137.3
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	3779.4
RAPPORTO PASSIVA/VERA	26.404	3.3230
SPINTA PASSIVA MOBILITATA	4.%	30.%
RAPPORTO VERA/ATTIVA	950.83	0.10000E+06

FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	950.41	944.76
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	950.41	944.76
SPINTA ATTIVA (POSSIBILE)	1.1995	0.
SPINTA PASSIVA (POSSIBILE)	30115.	2704.0
RAPPORTO PASSIVA/VERA	31.687	2.8621
SPINTA PASSIVA MOBILITATA	3.%	35.%
RAPPORTO VERA/ATTIVA	792.31	0.10000E+06

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	950.40	944.76
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	950.40	944.76
SPINTA ATTIVA (POSSIBILE)	21.329	0.
SPINTA PASSIVA (POSSIBILE)	30115.	2704.0
RAPPORTO PASSIVA/VERA	31.687	2.8621
SPINTA PASSIVA MOBILITATA	3.%	35.%
RAPPORTO VERA/ATTIVA	44.560	0.10000E+06

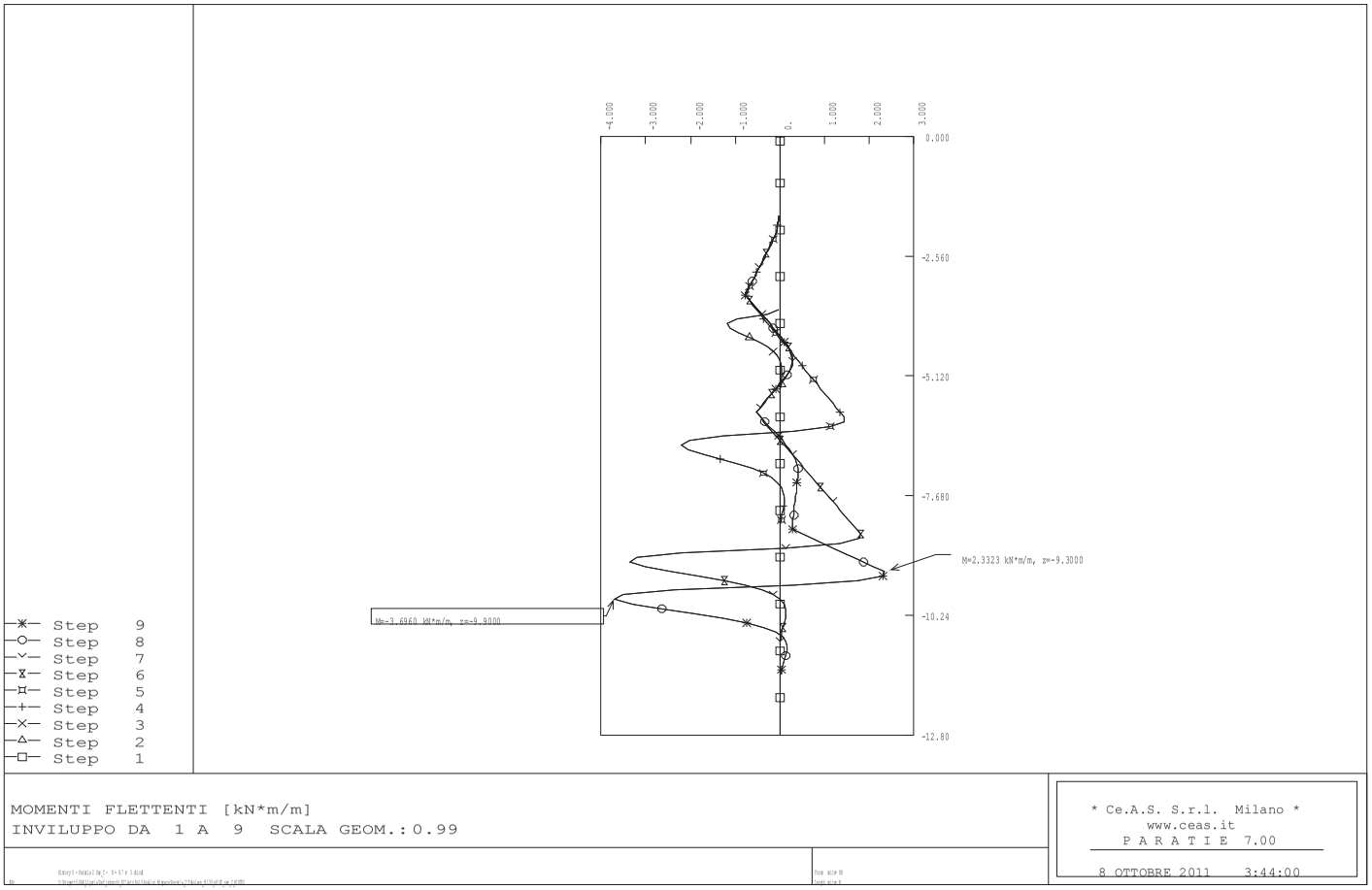
OUTPUT PLOTS:



FATTORE SCALA:1.05 - FATTORE AMPLIF.:8975.44
DEFORMATA PASSI 1 / 9 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

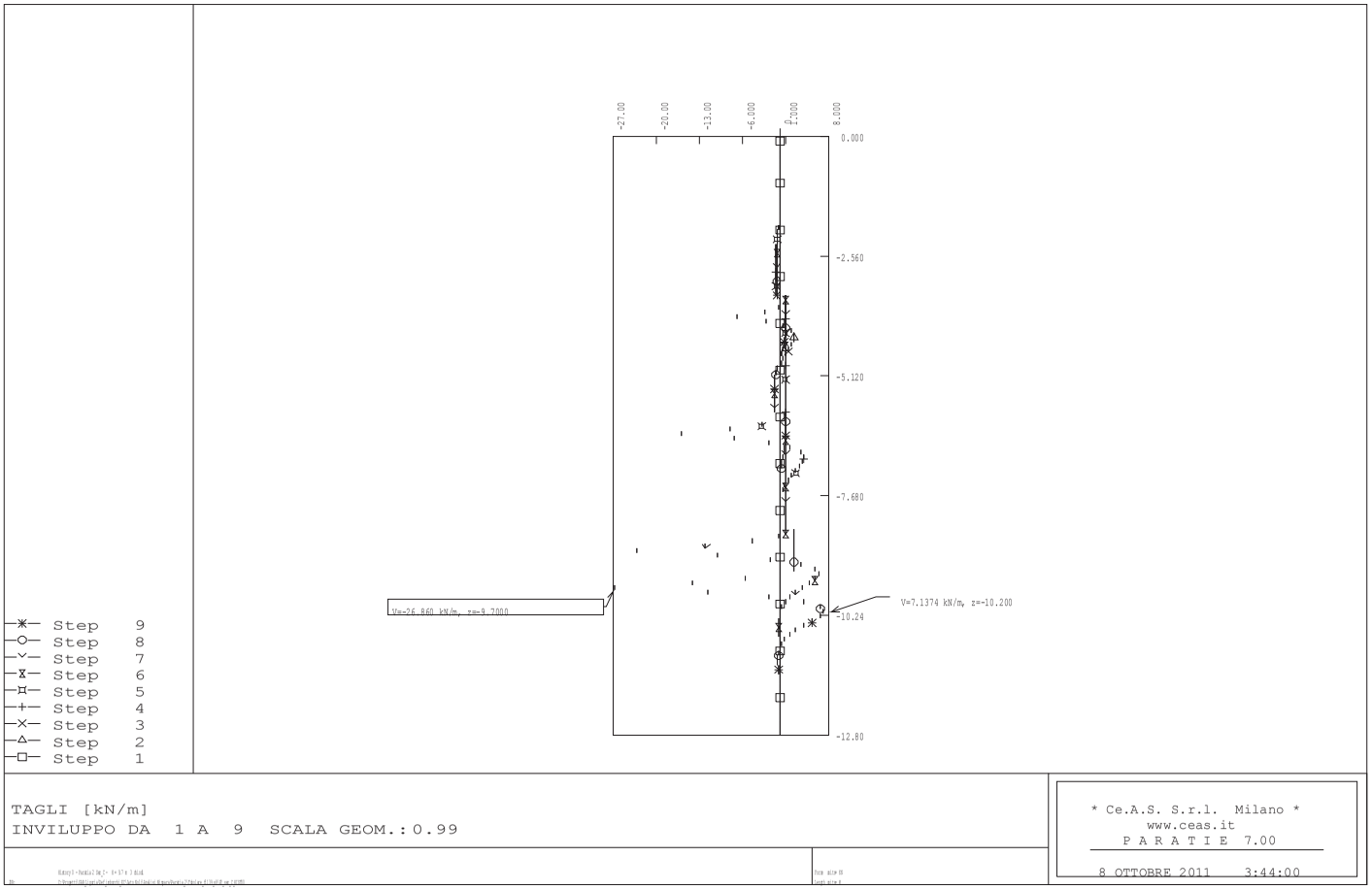
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MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 9 SCALA GEOM.: 0.99

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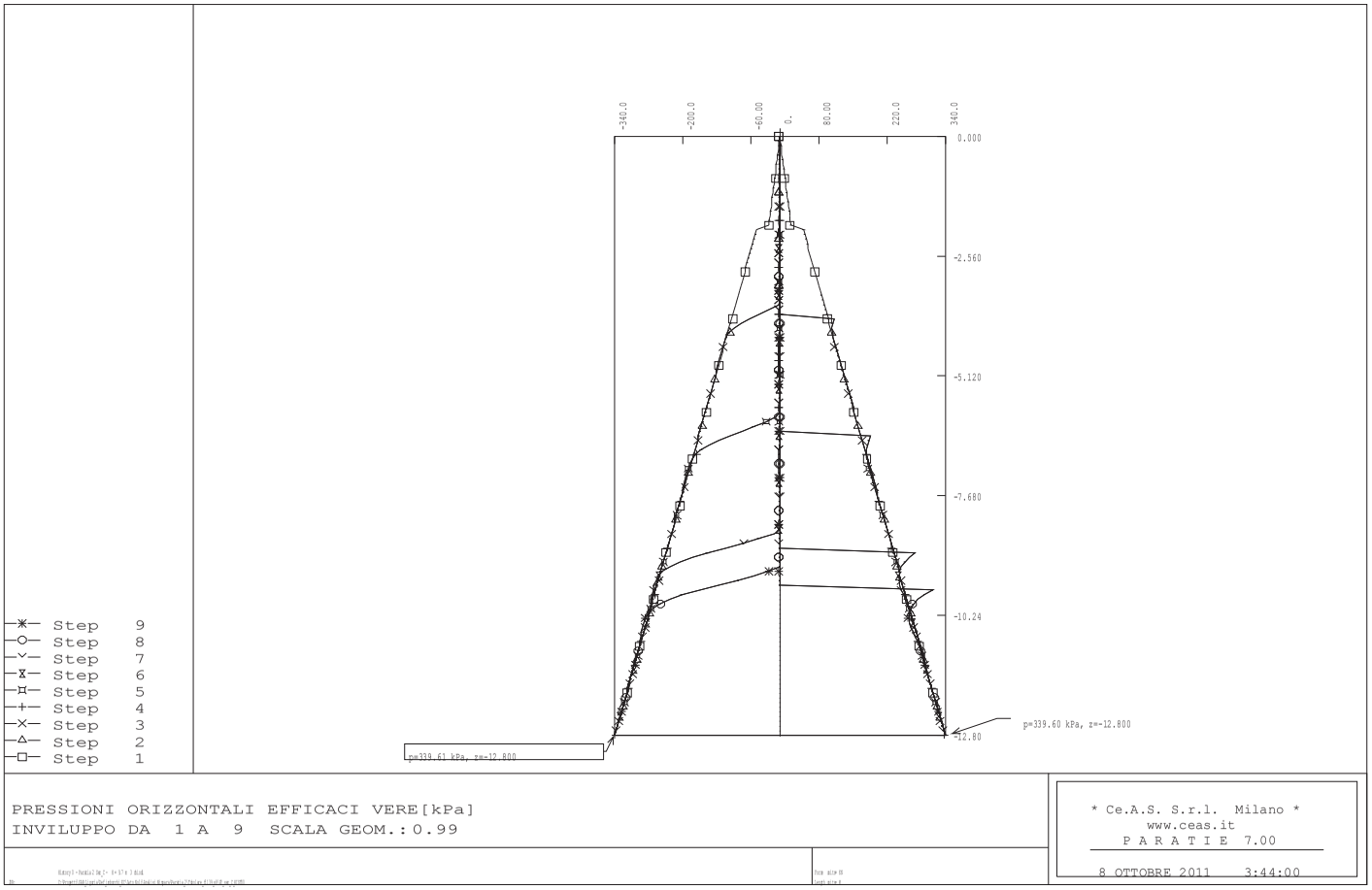
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TAGLI [kN/m]
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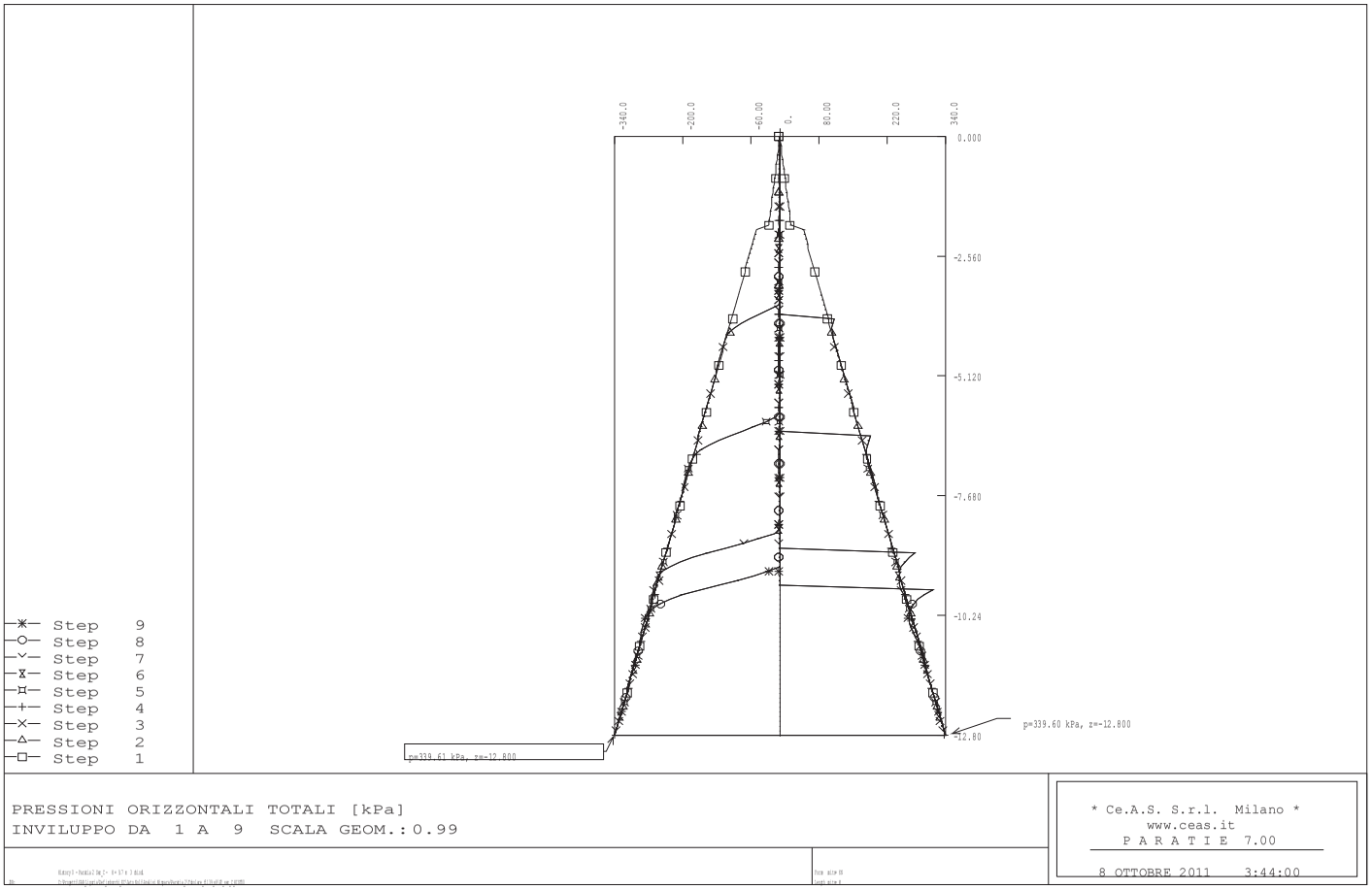
8 OTTOBRE 2011 3:44:00



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 9 SCALA GEOM.:0.99

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P A R A T I E 7.00

8 OTTOBRE 2011 3:44:00



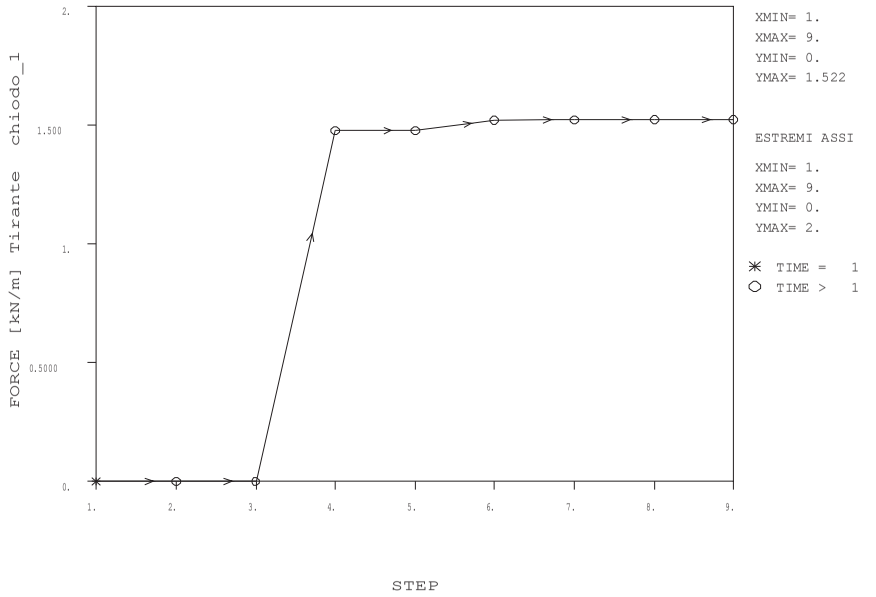
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 9 SCALA GEOM.: 0.99

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:44:00

Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.1215E-09
4.	1.476
5.	1.476
6.	1.520
7.	1.522
8.	1.522
9.	1.522



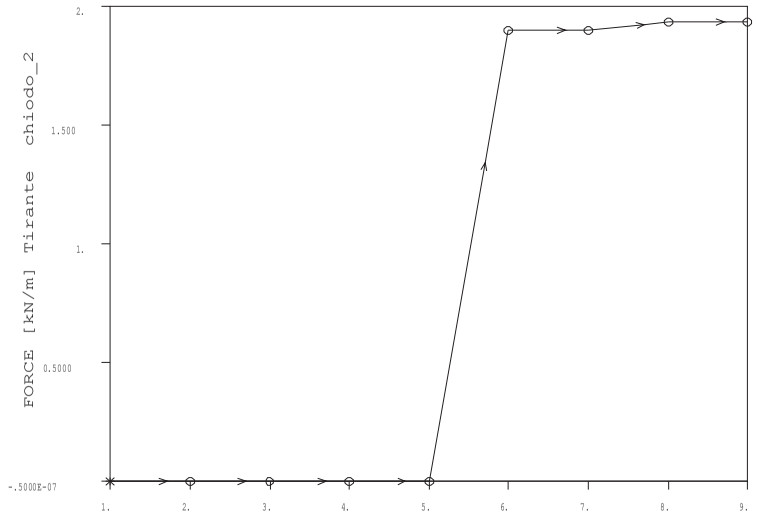
DAL PASSO 1 AL PASSO 9
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.4482E-07
6.	1.898
7.	1.898
8.	1.933
9.	1.933



XMIN= 1.
XMAX= 9.
YMIN= -.4482E-07
YMAX= 1.933

ESTREMI ASSI

XMIN= 1.
XMAX= 9.
YMIN= -.5000E-07
YMAX= 2.

✳ TIME = 1
○ TIME > 1

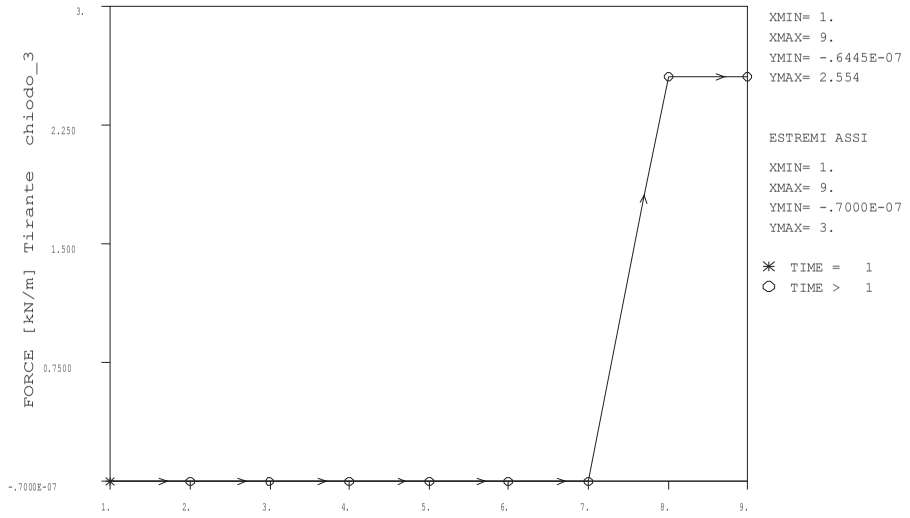
DAL PASSO 1 AL PASO 9
DIAGRAMMA VARIABILE X / VARIABILE Y

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P A R A T I E 7.00

8 OTTOBRE 2011 3:44:00

Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	-.6445E-07
8.	2.554
9.	2.554



DAL PASSO 1 AL PASSO 9

DIAGRAMMA VARIABILE X / VARIABILE Y

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:44:00

Appendice N

P2 - Sezione D – Tabulati di calcolo PARATIE

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:46:00

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 2 Sez_D -  H = 12.0 m  4 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -15.8 0
  15: *
  16: soil UHLeft LeftWall -15.8 0 1 0
  17: soil DHLeft LeftWall -15.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -15.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -3.3 Acciaio_chiodi 7.85E-005 0 20
  25: wire chiodo_2 LeftWall -5.8 Acciaio_chiodi 0.000105 0 20
  26: wire chiodo_3 LeftWall -8.3 Acciaio_chiodi 0.000105 0 20
  27: wire chiodo_4 LeftWall -10.8 Acciaio_chiodi 0.000105 0 20
  28: *
  29: * Soil Profile
  30: *
  31:     ldata          1_ 0
  32:         weight     24 24 0
  33:         atrest     0.5 0 1 0.5
  34:         resistance 35 40 0.178591 11.0616
  35:         young      500000 750000
  36:     endlayer
  37:     ldata          2_ -5
  38:         weight     27 27 0
```

```
  N.  comando

  39:         atrest     1 0 1 1
  40:         resistance 80 38 0.195942 9.11404
  41:         young      2E+006 3E+006
  42:     endlayer
  43: *
  44: step 1 :  geostatica
  45:     setwall LeftWall
  46:         geom 0 0
  47: endstep
  48: *
  49: step 2 :  scavo a  quota -3.8 m+sovraccarico 60 kPa
  50:     setwall LeftWall
  51:         geom 0 -3.8
  52:         surcharge 60 0 0 0
  53: endstep
  54: *
  55: step 3 :  inserimento primo chiodo
  56:     setwall LeftWall
  57:         geom 0 -3.8
  58:         surcharge 60 0 0 0
  59:         add chiodo_1
  60: endstep
  61: *
  62: step 4 :  scavo a quota -6.3 m
  63:     setwall LeftWall
  64:         geom 0 -6.3
  65:         surcharge 60 0 0 0
  66: endstep
  67: *
  68: step 5 :  inserimento secondo chiodo
  69:     setwall LeftWall
  70:         geom 0 -6.3
  71:         surcharge 60 0 0 0
  72:         add chiodo_2
  73: endstep
  74: *
  75: step 6 :  scavo a quota -8.8 m
  76:     setwall LeftWall
  77:         geom 0 -8.8
  78:         surcharge 60 0 0 0
  79: endstep
  80: *
  81: step 7 :  inserimento terzo chiodo
  82:     setwall LeftWall
  83:         geom 0 -8.8
  84:         surcharge 60 0 0 0
```

```
  N.  comando

  85:         add chiodo_3
  86: endstep
  87: *
  88: step 8 :  scavo a quota 11.3 m
  89:     setwall LeftWall
  90:         geom 0 -11.3
  91:         surcharge 60 0 0 0
  92: endstep
  93: *
  94: step 9 :  inserimento quarto chiodo
  95:     setwall LeftWall
  96:         geom 0 -11.3
  97:         surcharge 60 0 0 0
  98:         add chiodo_4
  99: endstep
 100: *
 101: step 10 :  scavo finale -12.0 m
 102:     setwall LeftWall
 103:         geom 0 -12
 104:         surcharge 60 0 0 0
 105: endstep
 106: *
 107: step 11 :  sisma kh=0.114
 108:     change 2_ U-KA=0.261
 109:     change 1_ U-KA=0.24
 110:     setwall LeftWall
 111:         geom 0 -12
 112:         surcharge 60 0 0 0
 113: endstep
 114: *
 115: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	= -5.0000	m	
peso fuori falda	= 24.000	kN/m³	
peso efficace in falda	= 24.000	kN/m³	
coesione	= 35.000	kPa	(A MONTE)
angolo di attrito	= 40.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.17859		(A MONTE)
coeff. spinta passiva kp	= 11.062		(A MONTE)
Konc normal consolidato	= 0.50000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 0.50000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.50000E+06	kPa	
modulo el. scarico/ricarico	= 0.75000E+06	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 35.000	kPa	(A VALLE)
angolo di attrito	= 40.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.17859		(A VALLE)
coeff. spinta passiva kp	= 11.062		(A VALLE)

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= -5.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

coeff. spinta passiva kp = 9.1140 (A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 10

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 11

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.24000 (A MONTE)

LAYER 2_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -15.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.8000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 60.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -15.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.8000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 60.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.3000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.3000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.8000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.300	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.300	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 10

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-12.000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 11

RIASSUNTO DATI RELATIVI ALLA FASE 11

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-12.000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	60.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-15.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-15.80	UPHILL	0.
DHLeft	LeftWall	0.	-15.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-15.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-3.300	_	0.7850E-04	0.	20.00
chiodo_2	LeftWall	-5.800	_	0.1050E-03	0.	20.00
chiodo_3	LeftWall	-8.300	_	0.1050E-03	0.	20.00
chiodo_4	LeftWall	-10.80	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	7	SI
3	2	SI
4	6	SI
5	2	SI
6	7	SI
7	2	SI
8	6	SI
9	2	SI
10	7	SI
11	8	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76037570E-03	-0.18616617E-03
2	0.74175908E-03	-0.18616617E-03
3	0.72314247E-03	-0.18616617E-03
4	0.70452585E-03	-0.18616617E-03
5	0.68590924E-03	-0.18616617E-03
6	0.66729262E-03	-0.18616617E-03
7	0.64867601E-03	-0.18616617E-03
8	0.63005940E-03	-0.18616617E-03
9	0.61144278E-03	-0.18616617E-03
10	0.59282617E-03	-0.18616617E-03
11	0.57420955E-03	-0.18616617E-03
12	0.55559294E-03	-0.18616617E-03
13	0.53697632E-03	-0.18616617E-03
14	0.51835971E-03	-0.18616617E-03
15	0.49974304E-03	-0.18616617E-03
16	0.48112645E-03	-0.18616617E-03
17	0.46250984E-03	-0.18616617E-03
18	0.44389322E-03	-0.18616617E-03
19	0.42527661E-03	-0.18616617E-03
20	0.40665996E-03	-0.18616617E-03
21	0.38804335E-03	-0.18616617E-03
22	0.36942674E-03	-0.18616617E-03
23	0.35081012E-03	-0.18616617E-03
24	0.33219351E-03	-0.18616617E-03
25	0.31357689E-03	-0.18616617E-03
26	0.29496028E-03	-0.18616617E-03
27	0.27634366E-03	-0.18616617E-03
28	0.25772705E-03	-0.18616617E-03
29	0.23911042E-03	-0.18616617E-03
30	0.22049381E-03	-0.18616617E-03
31	0.20187719E-03	-0.18616617E-03
32	0.18326056E-03	-0.18616617E-03
33	0.16464395E-03	-0.18616617E-03
34	0.14602733E-03	-0.18616617E-03
35	0.12741072E-03	-0.18616617E-03
36	0.10879566E-03	-0.18611932E-03
37	0.90222886E-04	-0.18499147E-03
38	0.71930503E-04	-0.17986959E-03
39	0.54541386E-04	-0.16597516E-03
40	0.39024628E-04	-0.14340595E-03
41	0.25981130E-04	-0.11720877E-03
42	0.15587839E-04	-0.90862683E-04
43	0.77402165E-05	-0.66567882E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21655353E-05	-0.45534889E-04
45	-0.14917165E-05	-0.28250555E-04
46	-0.36092993E-05	-0.14707931E-04
47	-0.45491038E-05	-0.46393438E-05
48	-0.46403907E-05	0.23325658E-05
49	-0.41716448E-05	0.66328494E-05
50	-0.33892884E-05	0.86690989E-05
51	-0.25016354E-05	0.87910375E-05
52	-0.16743678E-05	0.76143692E-05
53	-0.99651174E-06	0.59051949E-05
54	-0.49476307E-06	0.41529943E-05
55	-0.15836775E-06	0.26271489E-05
56	0.41922711E-07	0.14389827E-05
57	0.14108184E-06	0.60040810E-06
58	0.17225130E-06	0.69242489E-07
59	0.16296815E-06	-0.22078858E-06
60	0.13376794E-06	-0.34058877E-06
61	0.98432629E-07	-0.35292200E-06
62	0.65128653E-07	-0.30690200E-06
63	0.37844156E-07	-0.23712431E-06
64	0.17770661E-07	-0.16534052E-06
65	0.44545270E-08	-0.10320246E-06
66	-0.33419680E-08	-0.55228554E-07
67	-0.70706525E-08	-0.21638707E-07
68	-0.80851867E-08	-0.51317595E-09
69	-0.74960846E-08	0.10928431E-07
70	-0.61270167E-08	0.15544552E-07
71	-0.45313837E-08	0.15834395E-07
72	-0.30391696E-08	0.13753279E-07
73	-0.18134652E-08	0.10690049E-07
74	-0.90425095E-09	0.75340854E-08
75	-0.29334987E-09	0.47770699E-08
76	0.71322677E-10	0.26248448E-08
77	0.25262337E-09	0.11027474E-08
78	0.31040678E-09	0.13668823E-09
79	0.29452599E-09	-0.39242176E-09
80	0.24222233E-09	-0.61253441E-09
81	0.17853467E-09	-0.63717964E-09
82	0.11833545E-09	-0.55535354E-09
83	0.68919946E-10	-0.42984835E-09
84	0.32503094E-10	-0.30022368E-09
85	0.83035532E-11	-0.18774865E-09
86	-0.58960501E-11	-0.10075608E-09
87	-0.12713995E-10	-0.39753492E-10
88	-0.14599136E-10	-0.13225262E-11
89	-0.13563864E-10	0.19547518E-10

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11102777E-10	0.28023238E-10
91	-0.82215216E-11	0.28629819E-10
92	-0.55209474E-11	0.24912369E-10
93	-0.32991452E-11	0.19391991E-10
94	-0.16487565E-11	0.13685385E-10
95	-0.53838894E-12	0.86891544E-11
96	0.12538526E-12	0.47822532E-11
97	0.45607658E-12	0.20157992E-11
98	0.56217471E-12	0.25823332E-12
99	0.53417373E-12	-0.70581930E-12
100	0.43973153E-12	-0.11082518E-11
101	0.32437751E-12	-0.11550592E-11
102	0.21518652E-12	-0.10078613E-11
103	0.12546790E-12	-0.78078370E-12
104	0.59293797E-13	-0.54578586E-12
105	0.15282822E-13	-0.34162533E-12
106	-0.10568400E-13	-0.18357872E-12
107	-0.23004214E-13	-0.72670839E-13
108	-0.26468558E-13	-0.27426493E-14
109	-0.24616200E-13	0.35281802E-13
110	-0.20163267E-13	0.50774191E-13
111	-0.14938600E-13	0.51949445E-13
112	-0.10035963E-13	0.45247128E-13
113	-0.59990376E-14	0.35248927E-13
114	-0.29980644E-14	0.24894122E-13
115	-0.97768640E-15	0.15815122E-13
116	0.23058675E-15	0.87049271E-14
117	0.83233486E-15	0.36658070E-14
118	0.10250342E-14	0.46526646E-15
119	0.97357872E-15	-0.12895555E-14
120	0.80122233E-15	-0.20213986E-14
121	0.59088553E-15	-0.21056470E-14
122	0.39186478E-15	-0.18367399E-14
123	0.22838007E-15	-0.14225574E-14
124	0.10782784E-15	-0.99413854E-15
125	0.27674940E-16	-0.62204252E-15
126	-0.19384766E-16	-0.33406977E-15
127	-0.42004016E-16	-0.13204708E-15
128	-0.48283783E-16	-0.47124285E-17
129	-0.44884190E-16	0.64491547E-16
130	-0.36753471E-16	0.92655650E-16
131	-0.27221659E-16	0.94761804E-16
132	-0.18278996E-16	0.82531363E-16
133	-0.10915774E-16	0.64289298E-16
134	-0.54431967E-17	0.45385432E-16
135	-0.17612098E-17	0.28805903E-16

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.43792787E-18	0.15824691E-16
137	0.15301604E-17	0.66364337E-17
138	0.18774057E-17	0.81390979E-18
139	0.17807184E-17	-0.23753285E-17
140	0.14643926E-17	-0.37029894E-17
141	0.10793929E-17	-0.38524812E-17
142	0.71528743E-18	-0.33602401E-17
143	0.41613265E-18	-0.26043672E-17
144	0.19503869E-18	-0.18297537E-17
145	0.46610636E-19	-0.11622788E-17
146	-0.42581213E-19	-0.64972855E-18
147	-0.88811739E-19	-0.30147830E-18
148	-0.10742434E-18	-0.89651883E-19
149	-0.10976283E-18	0.31553121E-19
150	-0.10295491E-18	0.97522216E-19
151	-0.91265777E-19	0.13326951E-18
152	-0.76816625E-19	0.15354822E-18
153	-0.60918673E-19	0.16295081E-18
154	-0.44459478E-19	0.16536296E-18
155	-0.27972983E-19	0.16396801E-18
156	-0.11711255E-19	0.16121167E-18
157	0.42790554E-20	0.15874647E-18
158	0.20074507E-19	0.15737534E-18
159	0.35787614E-19	0.15700892E-18

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76037575E-03	-0.18616658E-03
2	0.74175908E-03	-0.18616658E-03
3	0.72314241E-03	-0.18616658E-03
4	0.70452574E-03	-0.18616658E-03
5	0.68590912E-03	-0.18616658E-03
6	0.66729245E-03	-0.18616658E-03
7	0.64867578E-03	-0.18616657E-03
8	0.63005910E-03	-0.18616654E-03
9	0.61144249E-03	-0.18616646E-03
10	0.59282582E-03	-0.18616632E-03
11	0.57420920E-03	-0.18616609E-03
12	0.55559265E-03	-0.18616574E-03
13	0.53697609E-03	-0.18616524E-03
14	0.51835959E-03	-0.18616459E-03
15	0.49974315E-03	-0.18616374E-03
16	0.48112683E-03	-0.18616272E-03
17	0.46251062E-03	-0.18616155E-03
18	0.44389453E-03	-0.18616025E-03
19	0.42527859E-03	-0.18615896E-03
20	0.40666273E-03	-0.18615776E-03
21	0.38804702E-03	-0.18615689E-03
22	0.36943136E-03	-0.18615647E-03
23	0.35081571E-03	-0.18615647E-03
24	0.33220006E-03	-0.18615690E-03
25	0.31358431E-03	-0.18615778E-03
26	0.29496849E-03	-0.18615907E-03
27	0.27635248E-03	-0.18616082E-03
28	0.25773630E-03	-0.18616299E-03
29	0.23911987E-03	-0.18616561E-03
30	0.22050316E-03	-0.18616865E-03
31	0.20188613E-03	-0.18617212E-03
32	0.18326873E-03	-0.18617604E-03
33	0.16465090E-03	-0.18618039E-03
34	0.14603263E-03	-0.18618518E-03
35	0.12741385E-03	-0.18619050E-03
36	0.10879606E-03	-0.18614973E-03
37	0.90219903E-04	-0.18502890E-03
38	0.71923394E-04	-0.17991483E-03
39	0.54529344E-04	-0.16602861E-03
40	0.39006849E-04	-0.14346698E-03
41	0.25956962E-04	-0.11727492E-03
42	0.15556994E-04	-0.90929003E-04
43	0.77030609E-05	-0.66626111E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.21234591E-05	-0.45572633E-04
45	-0.15358501E-05	-0.28250679E-04
46	-0.36513718E-05	-0.14669587E-04
47	-0.45861034E-05	-0.45785796E-05
48	-0.46707232E-05	0.24033607E-05
49	-0.41947947E-05	0.67043989E-05
50	-0.34055381E-05	0.87346016E-05
51	-0.25118509E-05	0.88455154E-05
52	-0.16798003E-05	0.76554670E-05
53	-0.99849024E-06	0.59334307E-05
54	-0.49448238E-06	0.41703502E-05
55	-0.15679559E-06	0.26360096E-05
56	0.44040394E-07	0.14412943E-05
57	0.14318942E-06	0.59836344E-06
58	0.17403895E-06	0.65208368E-07
59	0.16432035E-06	-0.22526920E-06
60	0.13468876E-06	-0.34463710E-06
61	0.98988437E-07	-0.35613999E-06
62	0.65408727E-07	-0.30920393E-06
63	0.37936537E-07	-0.23860127E-06
64	0.17749603E-07	-0.16616472E-06
65	0.43757624E-08	-0.10356304E-06
66	-0.34406593E-08	-0.55290972E-07
67	-0.71661903E-08	-0.21531655E-07
68	-0.81655696E-08	-0.32971367E-09
69	-0.75569568E-08	0.11127514E-07
70	-0.61687451E-08	0.15724384E-07
71	-0.45568247E-08	0.15978920E-07
72	-0.30521174E-08	0.13858768E-07
73	-0.18176974E-08	0.10759817E-07
74	-0.90302210E-09	0.75748217E-08
75	-0.28918798E-09	0.47961790E-08
76	0.76577494E-10	0.26284510E-08
77	0.25770130E-09	0.10966951E-08
78	0.31463360E-09	0.12645196E-09
79	0.29767355E-09	-0.40333520E-09
80	0.24433136E-09	-0.62217814E-09
81	0.17978134E-09	-0.64471861E-09
82	0.11894087E-09	-0.56066246E-09
83	0.69095937E-10	-0.43319373E-09
84	0.32424903E-10	-0.30204170E-09
85	0.81006278E-11	-0.18849874E-09
86	-0.61373567E-11	-0.10083104E-09
87	-0.12941928E-10	-0.39453749E-10
88	-0.14787638E-10	-0.86241854E-12
89	-0.13704374E-10	0.20030035E-10

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.11197362E-10	0.28450573E-10
91	-0.82777127E-11	0.28967507E-10
92	-0.55482212E-11	0.25153608E-10
93	-0.33067561E-11	0.19546750E-10
94	-0.16444711E-11	0.13771896E-10
95	-0.52806365E-12	0.87264414E-11
96	0.13764691E-12	0.47858783E-11
97	0.46758403E-12	0.19994755E-11
98	0.57156759E-12	0.23383980E-12
99	0.54105104E-12	-0.73082404E-12
100	0.44425734E-12	-0.11298507E-11
101	0.32698860E-12	-0.11716471E-11
102	0.21639796E-12	-0.10193426E-11
103	0.12575897E-12	-0.78787118E-12
104	0.59053118E-13	-0.54951779E-12
105	0.14792502E-13	-0.34305179E-12
106	-0.11123597E-13	-0.18357656E-12
107	-0.23516059E-13	-0.71898847E-13
108	-0.26884790E-13	-0.16638873E-14
109	-0.24922056E-13	0.36374525E-13
110	-0.20366299E-13	0.51720536E-13
111	-0.15057418E-13	0.52682434E-13
112	-0.10092662E-13	0.45758837E-13
113	-0.60146027E-14	0.35566690E-13
114	-0.29897298E-14	0.25062377E-13
115	-0.95806224E-15	0.15880016E-13
116	0.25321706E-15	0.87059647E-14
117	0.85316864E-15	0.36330501E-14
118	0.10418087E-14	0.41958190E-15
119	0.98570611E-15	-0.13352523E-14
120	0.80908439E-15	-0.20603016E-14
121	0.59531842E-15	-0.21351727E-14
122	0.39382119E-15	-0.18569031E-14
123	0.22873309E-15	-0.14347747E-14
124	0.10727533E-15	-0.10003738E-14
125	0.26716815E-16	-0.62421902E-15
126	-0.20425268E-16	-0.33376796E-15
127	-0.42940643E-16	-0.13043299E-15
128	-0.49028596E-16	-0.25999778E-17
129	-0.45415796E-16	0.66578358E-16
130	-0.37090729E-16	0.94422621E-16
131	-0.27403893E-16	0.96088231E-16
132	-0.18350871E-16	0.83420152E-16
133	-0.10917798E-16	0.64814008E-16
134	-0.54066750E-17	0.45649679E-16
135	-0.17072477E-17	0.28903785E-16

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.49605737E-18	0.15817159E-16
137	0.15838365E-17	0.65601093E-17
138	0.19212442E-17	0.69801160E-18
139	0.18120824E-17	-0.25047819E-17
140	0.14828966E-17	-0.38293135E-17
141	0.10857020E-17	-0.39693767E-17
142	0.71049355E-18	-0.34652718E-17
143	0.40153973E-18	-0.26944017E-17
144	0.17240570E-18	-0.18997570E-17
145	0.18119522E-19	-0.12091768E-17
146	-0.74592815E-19	-0.67349133E-18
147	-0.12214146E-18	-0.30468740E-18
148	-0.14021585E-18	-0.76450204E-19
149	-0.14060583E-18	0.56557007E-19
150	-0.13088668E-18	0.13009726E-18
151	-0.11570592E-18	0.17005126E-18
152	-0.97470007E-19	0.19219791E-18
153	-0.77675387E-19	0.20207314E-18
154	-0.57310666E-19	0.20428979E-18
155	-0.36950866E-19	0.20250342E-18
156	-0.16853687E-19	0.19940588E-18
157	0.29444655E-20	0.19673301E-18
158	0.22533448E-19	0.19527616E-18
159	0.42035454E-19	0.19489201E-18

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76904695E-03	-0.19413026E-03
2	0.74963394E-03	-0.19413026E-03
3	0.73022087E-03	-0.19413026E-03
4	0.71080786E-03	-0.19413026E-03
5	0.69139485E-03	-0.19413073E-03
6	0.67198172E-03	-0.19413028E-03
7	0.65256900E-03	-0.19412303E-03
8	0.63315773E-03	-0.19409854E-03
9	0.61375037E-03	-0.19404187E-03
10	0.59435103E-03	-0.19393374E-03
11	0.57496608E-03	-0.19375082E-03
12	0.55560429E-03	-0.19346629E-03
13	0.53627719E-03	-0.19305077E-03
14	0.51699957E-03	-0.19247143E-03
15	0.49779011E-03	-0.19167608E-03
16	0.47867437E-03	-0.19058080E-03
17	0.45968767E-03	-0.18907404E-03
18	0.44087775E-03	-0.18702216E-03
19	0.42230636E-03	-0.18427726E-03
20	0.40405043E-03	-0.18068768E-03
21	0.38620169E-03	-0.17611195E-03
22	0.36886468E-03	-0.17043718E-03
23	0.35215291E-03	-0.16360228E-03
24	0.33618338E-03	-0.15559290E-03
25	0.32107349E-03	-0.14640905E-03
26	0.30694072E-03	-0.13605072E-03
27	0.29390250E-03	-0.12451789E-03
28	0.28207627E-03	-0.11181059E-03
29	0.27157951E-03	-0.97928816E-04
30	0.26252968E-03	-0.82872553E-04
31	0.25504417E-03	-0.66641813E-04
32	0.24924046E-03	-0.49236587E-04
33	0.24523601E-03	-0.30656884E-04
34	0.24314823E-03	-0.10902701E-04
35	0.24303226E-03	0.81559210E-05
36	0.24469389E-03	0.24648938E-04
37	0.24787654E-03	0.38576352E-04
38	0.25232363E-03	0.49938160E-04
39	0.25777865E-03	0.58734367E-04
40	0.26398498E-03	0.64964966E-04
41	0.27068611E-03	0.68629961E-04
42	0.27762546E-03	0.69729358E-04
43	0.28454646E-03	0.68263143E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.29119258E-03	0.64231332E-04
45	0.29730721E-03	0.57633908E-04
46	0.30263385E-03	0.48470887E-04
47	0.30691773E-03	0.36797970E-04
48	0.30991537E-03	0.22783281E-04
49	0.31140572E-03	0.67083279E-05
50	0.31120153E-03	-0.11031987E-04
51	0.30916074E-03	-0.29929375E-04
52	0.30518649E-03	-0.49701339E-04
53	0.29919134E-03	-0.70347887E-04
54	0.29108778E-03	-0.91869013E-04
55	0.28078837E-03	-0.11426472E-03
56	0.26820568E-03	-0.13753500E-03
57	0.25325222E-03	-0.16167985E-03
58	0.23584055E-03	-0.18669930E-03
59	0.21588321E-03	-0.21259332E-03
60	0.19329273E-03	-0.23936192E-03
61	0.16799355E-03	-0.26664845E-03
62	0.14006322E-03	-0.29092978E-03
63	0.11022103E-03	-0.30280827E-03
64	0.80438709E-04	-0.28657241E-03
65	0.53817621E-04	-0.24300450E-03
66	0.32178668E-04	-0.18921086E-03
67	0.15952603E-04	-0.13610262E-03
68	0.47332542E-05	-0.89741072E-04
69	-0.23057955E-05	-0.52685031E-04
70	-0.61242517E-05	-0.25243977E-04
71	-0.76439628E-05	-0.64840820E-05
72	-0.76596307E-05	0.51189450E-05
73	-0.68022705E-05	0.11259071E-04
74	-0.55365590E-05	0.13536924E-04
75	-0.41781100E-05	0.13318050E-04
76	-0.29203377E-05	0.11677507E-04
77	-0.18638316E-05	0.94002726E-05
78	-0.10439470E-05	0.70131250E-05
79	-0.45430212E-06	0.48331121E-05
80	-0.65065286E-07	0.30208789E-05
81	0.16389312E-06	0.16292291E-05
82	0.27427103E-06	0.64229442E-06
83	0.30397831E-06	0.41487276E-08
84	0.28426746E-06	-0.35899680E-06
85	0.23884371E-06	-0.52219912E-06
86	0.18426769E-06	-0.55220011E-06
87	0.13104437E-06	-0.50298081E-06
88	0.84971546E-07	-0.41476068E-06
89	0.48474856E-07	-0.31506201E-06

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.21776405E-07	-0.22084559E-06
91	0.38265591E-08	-0.14100455E-06
92	-0.70104402E-08	-0.78741543E-07
93	-0.12497100E-07	-0.33739042E-07
94	-0.14261625E-07	-0.38378061E-08
95	-0.13669326E-07	0.13923498E-07
96	-0.11778561E-07	0.22635714E-07
97	-0.93499537E-08	0.25114796E-07
98	-0.68854420E-08	0.23698680E-07
99	-0.46801754E-08	0.20183839E-07
100	-0.28759843E-08	0.15849693E-07
101	-0.15097148E-08	0.11531212E-07
102	-0.55309562E-09	0.77121189E-08
103	0.56912367E-10	0.46191286E-08
104	0.39670531E-09	0.23053941E-08
105	0.54203680E-09	0.71302686E-09
106	0.55936389E-09	-0.27774413E-09
107	0.50185722E-09	-0.80743640E-09
108	0.40873277E-09	-0.10114442E-08
109	0.30655228E-09	-0.10059360E-08
110	0.21148827E-09	-0.88214713E-09
111	0.13186330E-09	-0.70614525E-09
112	0.70540150E-10	-0.52171550E-09
113	0.26940646E-10	-0.35467218E-09
114	-0.13878562E-11	-0.21743594E-09
115	-0.17648981E-10	-0.11327284E-09
116	-0.25074580E-10	-0.40074388E-10
117	-0.26538454E-10	0.68862190E-11
118	-0.24381615E-10	0.33318463E-10
119	-0.20371272E-10	0.44855376E-10
120	-0.15741991E-10	0.46448703E-10
121	-0.11279777E-10	0.42094682E-10
122	-0.74216328E-11	0.34783332E-10
123	-0.43527100E-11	0.26583997E-10
124	-0.20910042E-11	0.18799535E-10
125	-0.55523419E-12	0.12142137E-10
126	0.38467122E-12	0.69021820E-11
127	0.87285441E-12	0.30917931E-11
128	0.10454145E-11	0.55294479E-12
129	0.10177287E-11	-0.95734564E-12
130	0.87949580E-12	-0.17011233E-11
131	0.69500997E-12	-0.19197213E-11
132	0.50637467E-12	-0.18136250E-11
133	0.33800512E-12	-0.15359236E-11
134	0.20132165E-12	-0.11942716E-11
135	0.98989508E-13	-0.85745858E-12

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.28391811E-13	-0.56378952E-12
137	-0.15746956E-13	-0.32947741E-12
138	-0.39543781E-13	-0.15636857E-12
139	-0.48856606E-13	-0.38337812E-13
140	-0.48720996E-13	0.34403344E-13
141	-0.43125571E-13	0.72655539E-13
142	-0.35000750E-13	0.86581885E-13
143	-0.26331889E-13	0.84827341E-13
144	-0.18331756E-13	0.74178572E-13
145	-0.11627908E-13	0.59577797E-13
146	-0.64374254E-14	0.44340159E-13
147	-0.27144715E-14	0.30464661E-13
148	-0.26538418E-15	0.18962432E-13
149	0.11679725E-14	0.10158927E-13
150	0.18523848E-14	0.39349288E-14
151	0.20282738E-14	-0.89600700E-16
152	0.18913917E-14	-0.24063196E-14
153	0.15873318E-14	-0.35133828E-14
154	0.12142697E-14	-0.38538093E-14
155	0.83021611E-15	-0.37848494E-14
156	0.46225140E-15	-0.35673407E-14
157	0.11620325E-15	-0.33661735E-14
158	-0.21398370E-15	-0.32550184E-14
159	-0.53752568E-15	-0.32256209E-14

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76905987E-03	-0.19414576E-03
2	0.74964529E-03	-0.19414576E-03
3	0.73023071E-03	-0.19414576E-03
4	0.71081612E-03	-0.19414576E-03
5	0.69140154E-03	-0.19414576E-03
6	0.67198701E-03	-0.19414412E-03
7	0.65257296E-03	-0.19413522E-03
8	0.63316058E-03	-0.19410890E-03
9	0.61375229E-03	-0.19405036E-03
10	0.59435220E-03	-0.19394045E-03
11	0.57496666E-03	-0.19375590E-03
12	0.55560441E-03	-0.19346995E-03
13	0.53627702E-03	-0.19305327E-03
14	0.51699922E-03	-0.19247296E-03
15	0.49778965E-03	-0.19167687E-03
16	0.47867381E-03	-0.19058103E-03
17	0.45968714E-03	-0.18907386E-03
18	0.44087722E-03	-0.18702172E-03
19	0.42230589E-03	-0.18427668E-03
20	0.40405002E-03	-0.18068701E-03
21	0.38620134E-03	-0.17611128E-03
22	0.36886442E-03	-0.17043654E-03
23	0.35215271E-03	-0.16360170E-03
24	0.33618321E-03	-0.15559240E-03
25	0.32107337E-03	-0.14640861E-03
26	0.30694064E-03	-0.13605035E-03
27	0.29390247E-03	-0.12451760E-03
28	0.28207627E-03	-0.11181035E-03
29	0.27157954E-03	-0.97928627E-04
30	0.26252971E-03	-0.82872408E-04
31	0.25504420E-03	-0.66641696E-04
32	0.24924052E-03	-0.49236503E-04
33	0.24523606E-03	-0.30656825E-04
34	0.24314830E-03	-0.10902663E-04
35	0.24303234E-03	0.81559410E-05
36	0.24469398E-03	0.24648944E-04
37	0.24787660E-03	0.38576341E-04
38	0.25232372E-03	0.49938139E-04
39	0.25777871E-03	0.58734335E-04
40	0.26398507E-03	0.64964923E-04
41	0.27068617E-03	0.68629917E-04
42	0.27762551E-03	0.69729300E-04
43	0.28454652E-03	0.68263085E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.29119261E-03	0.64231266E-04
45	0.29730727E-03	0.57633850E-04
46	0.30263388E-03	0.48470825E-04
47	0.30691776E-03	0.36797912E-04
48	0.30991540E-03	0.22783228E-04
49	0.31140572E-03	0.67082810E-05
50	0.31120153E-03	-0.11032026E-04
51	0.30916077E-03	-0.29929406E-04
52	0.30518649E-03	-0.49701364E-04
53	0.29919134E-03	-0.70347902E-04
54	0.29108778E-03	-0.91869020E-04
55	0.28078837E-03	-0.11426472E-03
56	0.26820568E-03	-0.13753500E-03
57	0.25325222E-03	-0.16167985E-03
58	0.23584055E-03	-0.18669930E-03
59	0.21588321E-03	-0.21259332E-03
60	0.19329273E-03	-0.23936192E-03
61	0.16799355E-03	-0.26664845E-03
62	0.14006322E-03	-0.29092978E-03
63	0.11022103E-03	-0.30280827E-03
64	0.80438709E-04	-0.28657241E-03
65	0.53817621E-04	-0.24300450E-03
66	0.32178668E-04	-0.18921086E-03
67	0.15952603E-04	-0.13610262E-03
68	0.47332542E-05	-0.89741072E-04
69	-0.23057955E-05	-0.52685031E-04
70	-0.61242517E-05	-0.25243977E-04
71	-0.76439628E-05	-0.64840824E-05
72	-0.76596307E-05	0.51189450E-05
73	-0.68022705E-05	0.11259071E-04
74	-0.55365585E-05	0.13536924E-04
75	-0.41781100E-05	0.13318050E-04
76	-0.29203377E-05	0.11677507E-04
77	-0.18638316E-05	0.94002726E-05
78	-0.10439470E-05	0.70131250E-05
79	-0.45430212E-06	0.48331121E-05
80	-0.65065286E-07	0.30208789E-05
81	0.16389312E-06	0.16292291E-05
82	0.27427103E-06	0.64229442E-06
83	0.30397831E-06	0.41487334E-08
84	0.28426746E-06	-0.35899680E-06
85	0.23884371E-06	-0.52219912E-06
86	0.18426769E-06	-0.55220011E-06
87	0.13104437E-06	-0.50298081E-06
88	0.84971546E-07	-0.41476068E-06
89	0.48474856E-07	-0.31506201E-06

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.21776403E-07	-0.22084561E-06
91	0.38265560E-08	-0.14100458E-06
92	-0.70104469E-08	-0.78741579E-07
93	-0.12497111E-07	-0.33739092E-07
94	-0.14261641E-07	-0.38378629E-08
95	-0.13669347E-07	0.13923438E-07
96	-0.11778589E-07	0.22635659E-07
97	-0.93499866E-08	0.25114760E-07
98	-0.68854762E-08	0.23698687E-07
99	-0.46802069E-08	0.20183887E-07
100	-0.28760099E-08	0.15849757E-07
101	-0.15097337E-08	0.11531280E-07
102	-0.55310784E-09	0.77121820E-08
103	0.56906025E-10	0.46191828E-08
104	0.39670386E-09	0.23054383E-08
105	0.54203925E-09	0.71306083E-09
106	0.55936927E-09	-0.27772037E-09
107	0.50186444E-09	-0.80742402E-09
108	0.40874065E-09	-0.10114412E-08
109	0.30656019E-09	-0.10059381E-08
110	0.21149581E-09	-0.88215207E-09
111	0.13187021E-09	-0.70615297E-09
112	0.70546076E-10	-0.52172811E-09
113	0.26945076E-10	-0.35468853E-09
114	-0.13850444E-11	-0.21745131E-09
115	-0.17647554E-10	-0.11328515E-09
116	-0.25074236E-10	-0.40083860E-10
117	-0.26538936E-10	0.68791240E-11
118	-0.24382706E-10	0.33313304E-10
119	-0.20372792E-10	0.44851942E-10
120	-0.15743774E-10	0.46446860E-10
121	-0.11281667E-10	0.42094408E-10
122	-0.74234690E-11	0.34784668E-10
123	-0.43543407E-11	0.26586703E-10
124	-0.20923222E-11	0.18802928E-10
125	-0.55621068E-12	0.12145484E-10
126	0.38400934E-12	0.69050828E-11
127	0.87245250E-12	0.30940795E-11
128	0.10452094E-11	0.55460042E-12
129	0.10176602E-11	-0.95625027E-12
130	0.87951342E-12	-0.17004783E-11
131	0.69507448E-12	-0.19194095E-11
132	0.50645816E-12	-0.18135415E-11
133	0.33808912E-12	-0.15359841E-11
134	0.20139503E-12	-0.11944159E-11
135	0.99046239E-13	-0.85763932E-12

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.28430305E-13	-0.56396841E-12
137	-0.15725184E-13	-0.32962980E-12
138	-0.39535348E-13	-0.15648210E-12
139	-0.48857511E-13	-0.38411643E-13
140	-0.48727563E-13	0.34362223E-13
141	-0.43135017E-13	0.72637588E-13
142	-0.35011165E-13	0.86579337E-13
143	-0.26342032E-13	0.84834605E-13
144	-0.18340847E-13	0.74191846E-13
145	-0.11635491E-13	0.59594250E-13
146	-0.64433017E-14	0.44357479E-13
147	-0.27186615E-14	0.30480725E-13
148	-0.26809675E-15	0.18975774E-13
149	0.11664345E-14	0.10169063E-13
150	0.18517038E-14	0.39419956E-14
151	0.20281651E-14	-0.85124905E-16
152	0.18916257E-14	-0.24038388E-14
153	0.15877383E-14	-0.35123244E-14
154	0.12147311E-14	-0.38537030E-14
155	0.83065557E-15	-0.37853445E-14
156	0.46262282E-15	-0.35681674E-14
157	0.11648383E-15	-0.33671396E-14
158	-0.21380210E-15	-0.32560228E-14
159	-0.53744484E-15	-0.32266299E-14

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76907832E-03	-0.19427398E-03
2	0.74965094E-03	-0.19427387E-03
3	0.73022355E-03	-0.19427325E-03
4	0.71079633E-03	-0.19427131E-03
5	0.69136941E-03	-0.19426701E-03
6	0.67194313E-03	-0.19425742E-03
7	0.65251830E-03	-0.19423544E-03
8	0.63309685E-03	-0.19418885E-03
9	0.61368191E-03	-0.19410052E-03
10	0.59427886E-03	-0.19394857E-03
11	0.57489524E-03	-0.19370683E-03
12	0.55554148E-03	-0.19334561E-03
13	0.53623115E-03	-0.19283286E-03
14	0.51698112E-03	-0.19213349E-03
15	0.49781246E-03	-0.19119406E-03
16	0.47875312E-03	-0.18993071E-03
17	0.45984075E-03	-0.18823391E-03
18	0.44112507E-03	-0.18597471E-03
19	0.42266923E-03	-0.18301331E-03
20	0.40455046E-03	-0.17921031E-03
21	0.38685935E-03	-0.17444172E-03
22	0.36969729E-03	-0.16861803E-03
23	0.35317204E-03	-0.16170576E-03
24	0.33739241E-03	-0.15370491E-03
25	0.32246733E-03	-0.14461548E-03
26	0.30850561E-03	-0.13443749E-03
27	0.29561613E-03	-0.12317092E-03
28	0.28390769E-03	-0.11081641E-03
29	0.27348907E-03	-0.97375007E-04
30	0.26446889E-03	-0.82847182E-04
31	0.25695586E-03	-0.67232722E-04
32	0.25105863E-03	-0.50530492E-04
33	0.24688608E-03	-0.32738226E-04
34	0.24454744E-03	-0.13852287E-04
35	0.24408902E-03	0.42355937E-05
36	0.24530495E-03	0.19635623E-04
37	0.24792715E-03	0.32365122E-04
38	0.25169019E-03	0.42461008E-04
39	0.25633353E-03	0.49982744E-04
40	0.26160377E-03	0.55015222E-04
41	0.26725736E-03	0.57671266E-04
42	0.27306355E-03	0.58093479E-04
43	0.27880736E-03	0.56454923E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.28429285E-03	0.52965668E-04
45	0.28934731E-03	0.47880985E-04
46	0.29382587E-03	0.41501011E-04
47	0.29761749E-03	0.34220124E-04
48	0.30065767E-03	0.26572197E-04
49	0.30294157E-03	0.19213561E-04
50	0.30453512E-03	0.12897059E-04
51	0.30558286E-03	0.84365838E-05
52	0.30630743E-03	0.65256372E-05
53	0.30698217E-03	0.74405830E-05
54	0.30788974E-03	0.11181421E-04
55	0.30931266E-03	0.17748151E-04
56	0.31153354E-03	0.27140773E-04
57	0.31483502E-03	0.39359289E-04
58	0.31949961E-03	0.54403692E-04
59	0.32580993E-03	0.72273993E-04
60	0.33395423E-03	0.90139038E-04
61	0.34374322E-03	0.10516770E-03
62	0.35489321E-03	0.11735995E-03
63	0.36712064E-03	0.12671582E-03
64	0.38014184E-03	0.13323530E-03
65	0.39367317E-03	0.13691837E-03
66	0.40743098E-03	0.13776506E-03
67	0.42113164E-03	0.13577536E-03
68	0.43449149E-03	0.13094925E-03
69	0.44722692E-03	0.12328677E-03
70	0.45905431E-03	0.11278788E-03
71	0.46968996E-03	0.99452598E-04
72	0.47885027E-03	0.83280924E-04
73	0.48625161E-03	0.64272856E-04
74	0.49161032E-03	0.42428397E-04
75	0.49464271E-03	0.17747543E-04
76	0.49506524E-03	-0.97697039E-05
77	0.49259426E-03	-0.40123345E-04
78	0.48694605E-03	-0.73313378E-04
79	0.47783702E-03	-0.10933981E-03
80	0.46498355E-03	-0.14820263E-03
81	0.44810196E-03	-0.18990184E-03
82	0.42690863E-03	-0.23443745E-03
83	0.40111991E-03	-0.28180945E-03
84	0.37045218E-03	-0.33201784E-03
85	0.33462181E-03	-0.38506262E-03
86	0.29341725E-03	-0.43877939E-03
87	0.24710584E-03	-0.48529831E-03
88	0.19710907E-03	-0.50927338E-03
89	0.14678601E-03	-0.48720327E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.10115228E-03	-0.42061694E-03
91	0.63280953E-04	-0.33548084E-03
92	0.34102133E-04	-0.24896421E-03
93	0.13196697E-04	-0.17118995E-03
94	-0.58971011E-06	-0.10703122E-03
95	-0.87054486E-05	-0.57749519E-04
96	-0.12605824E-04	-0.22454109E-04
97	-0.13596423E-04	0.83672683E-06
98	-0.12757419E-04	0.14559341E-04
99	-0.10921816E-04	0.21164096E-04
100	-0.86884747E-05	0.22852611E-04
101	-0.64543929E-05	0.21448161E-04
102	-0.44550411E-05	0.18357741E-04
103	-0.28053419E-05	0.14592400E-04
104	-0.15367310E-05	0.10821968E-04
105	-0.62784608E-06	0.74446039E-05
106	-0.28165106E-07	0.46565933E-05
107	0.32501745E-06	0.25149293E-05
108	0.49525823E-06	0.98639021E-06
109	0.53986435E-06	-0.15084391E-07
110	0.50619047E-06	-0.59808571E-06
111	0.43053851E-06	-0.87234719E-06
112	0.33873698E-06	-0.93613096E-06
113	0.24763912E-06	-0.87011091E-06
114	0.16699363E-06	-0.73572556E-06
115	0.10132665E-06	-0.57636072E-06
116	0.51619750E-07	-0.42004820E-06
117	0.16683895E-07	-0.28272905E-06
118	-0.57951937E-08	-0.17148390E-06
119	-0.18521146E-07	-0.87486576E-07
120	-0.24125388E-07	-0.28475613E-07
121	-0.24916966E-07	0.95144008E-08
122	-0.22771211E-07	0.31043328E-07
123	-0.19109210E-07	0.40544986E-07
124	-0.14933331E-07	0.41913143E-07
125	-0.10892195E-07	0.38312919E-07
126	-0.73563728E-08	0.32143891E-07
127	-0.44926325E-08	0.25098387E-07
128	-0.23293825E-08	0.18272280E-07
129	-0.80992385E-09	0.12293753E-07
130	0.16716316E-09	0.74490765E-08
131	0.71956774E-09	0.37946890E-08
132	0.96275488E-09	0.12399182E-08
133	0.99838460E-09	-0.38985615E-09
134	0.90880459E-09	-0.12990024E-08
135	0.75596640E-09	-0.16866805E-08

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.58304739E-09	-0.17269915E-08
137	0.41747325E-09	-0.15601481E-08
138	0.27442842E-09	-0.12909849E-08
139	0.16027144E-09	-0.99196706E-09
140	0.75514248E-10	-0.70857209E-09
141	0.17215928E-10	-0.46540949E-09
142	-0.19229032E-10	-0.27208824E-09
143	-0.38865834E-10	-0.12869047E-09
144	-0.46458185E-10	-0.30024420E-10
145	-0.46102341E-10	0.31692950E-10
146	-0.41067556E-10	0.64971480E-10
147	-0.33787542E-10	0.77865145E-10
148	-0.25942592E-10	0.77316827E-10
149	-0.18587312E-10	0.68874441E-10
150	-0.12293121E-10	0.56669513E-10
151	-0.72834395E-11	0.43563687E-10
152	-0.35500368E-11	0.31368273E-10
153	-0.94613737E-12	0.21082277E-10
154	0.74372469E-12	0.13115469E-10
155	0.17546929E-11	0.74807556E-11
156	0.23092682E-11	0.39278199E-11
157	0.25956730E-11	0.20373679E-11
158	0.27550885E-11	0.12973122E-11
159	0.28747881E-11	0.11468395E-11

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76907815E-03	-0.19427454E-03
2	0.74965070E-03	-0.19427444E-03
3	0.73022331E-03	-0.19427382E-03
4	0.71079598E-03	-0.19427185E-03
5	0.69136900E-03	-0.19426749E-03
6	0.67194266E-03	-0.19425781E-03
7	0.65251789E-03	-0.19423566E-03
8	0.63309638E-03	-0.19418883E-03
9	0.61368151E-03	-0.19410017E-03
10	0.59427845E-03	-0.19394777E-03
11	0.57489495E-03	-0.19370546E-03
12	0.55554137E-03	-0.19334353E-03
13	0.53623127E-03	-0.19282990E-03
14	0.51698158E-03	-0.19212952E-03
15	0.49781339E-03	-0.19118893E-03
16	0.47875463E-03	-0.18992432E-03
17	0.45984297E-03	-0.18822619E-03
18	0.44112813E-03	-0.18596568E-03
19	0.42267324E-03	-0.18300307E-03
20	0.40455555E-03	-0.17919915E-03
21	0.38686558E-03	-0.17443010E-03
22	0.36970468E-03	-0.16860658E-03
23	0.35318054E-03	-0.16169531E-03
24	0.33740190E-03	-0.15369627E-03
25	0.32247754E-03	-0.14460945E-03
26	0.30851626E-03	-0.13443487E-03
27	0.29562681E-03	-0.12317252E-03
28	0.28391799E-03	-0.11082240E-03
29	0.27349859E-03	-0.97384509E-04
30	0.26447736E-03	-0.82858853E-04
31	0.25696310E-03	-0.67245281E-04
32	0.25106460E-03	-0.50542982E-04
33	0.24689085E-03	-0.32749951E-04
34	0.24455108E-03	-0.13862771E-04
35	0.24409170E-03	0.42265856E-05
36	0.24530682E-03	0.19628129E-04
37	0.24792831E-03	0.32359090E-04
38	0.25169083E-03	0.42456319E-04
39	0.25633376E-03	0.49979248E-04
40	0.26160371E-03	0.55012752E-04
41	0.26725710E-03	0.57669651E-04
42	0.27306317E-03	0.58092548E-04
43	0.27880690E-03	0.56454530E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.28429239E-03	0.52965675E-04
45	0.28934685E-03	0.47881276E-04
46	0.29382546E-03	0.41501491E-04
47	0.29761711E-03	0.34220717E-04
48	0.30065735E-03	0.26572836E-04
49	0.30294133E-03	0.19214200E-04
50	0.30453494E-03	0.12897658E-04
51	0.30558274E-03	0.84371140E-05
52	0.30630734E-03	0.65260833E-05
53	0.30698214E-03	0.74409436E-05
54	0.30788971E-03	0.11181704E-04
55	0.30931269E-03	0.17748367E-04
56	0.31153360E-03	0.27140932E-04
57	0.31483505E-03	0.39359398E-04
58	0.31949967E-03	0.54403761E-04
59	0.32581002E-03	0.72274022E-04
60	0.33395429E-03	0.90139045E-04
61	0.34374328E-03	0.10516767E-03
62	0.35489330E-03	0.11735992E-03
63	0.36712072E-03	0.12671576E-03
64	0.38014189E-03	0.13323523E-03
65	0.39367322E-03	0.13691830E-03
66	0.40743101E-03	0.13776499E-03
67	0.42113167E-03	0.13577528E-03
68	0.43449152E-03	0.13094918E-03
69	0.44722695E-03	0.12328669E-03
70	0.45905431E-03	0.11278783E-03
71	0.46968996E-03	0.99452554E-04
72	0.47885027E-03	0.83280895E-04
73	0.48625161E-03	0.64272834E-04
74	0.49161032E-03	0.42428386E-04
75	0.49464271E-03	0.17747536E-04
76	0.49506524E-03	-0.97697066E-05
77	0.49259426E-03	-0.40123345E-04
78	0.48694605E-03	-0.73313378E-04
79	0.47783702E-03	-0.10933980E-03
80	0.46498355E-03	-0.14820263E-03
81	0.44810196E-03	-0.18990184E-03
82	0.42690863E-03	-0.23443745E-03
83	0.40111991E-03	-0.28180945E-03
84	0.37045218E-03	-0.33201784E-03
85	0.33462181E-03	-0.38506262E-03
86	0.29341725E-03	-0.43877939E-03
87	0.24710584E-03	-0.48529831E-03
88	0.19710907E-03	-0.50927338E-03
89	0.14678601E-03	-0.48720327E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.10115228E-03	-0.42061694E-03
91	0.63280953E-04	-0.33548084E-03
92	0.34102133E-04	-0.24896421E-03
93	0.13196697E-04	-0.17118995E-03
94	-0.58971011E-06	-0.10703122E-03
95	-0.87054486E-05	-0.57749519E-04
96	-0.12605824E-04	-0.22454109E-04
97	-0.13596423E-04	0.83672683E-06
98	-0.12757419E-04	0.14559342E-04
99	-0.10921816E-04	0.21164096E-04
100	-0.86884747E-05	0.22852611E-04
101	-0.64543929E-05	0.21448161E-04
102	-0.44550411E-05	0.18357741E-04
103	-0.28053416E-05	0.14592401E-04
104	-0.15367307E-05	0.10821969E-04
105	-0.62784574E-06	0.74446048E-05
106	-0.28164676E-07	0.46565938E-05
107	0.32501794E-06	0.25149295E-05
108	0.49525869E-06	0.98638975E-06
109	0.53986469E-06	-0.15085153E-07
110	0.50619076E-06	-0.59808661E-06
111	0.43053871E-06	-0.87234804E-06
112	0.33873710E-06	-0.93613176E-06
113	0.24763915E-06	-0.87011165E-06
114	0.16699362E-06	-0.73572619E-06
115	0.10132656E-06	-0.57636129E-06
116	0.51619612E-07	-0.42004871E-06
117	0.16683710E-07	-0.28272947E-06
118	-0.57954135E-08	-0.17148416E-06
119	-0.18521382E-07	-0.87486661E-07
120	-0.24125628E-07	-0.28475629E-07
121	-0.24917208E-07	0.95144070E-08
122	-0.22771449E-07	0.31043353E-07
123	-0.19109445E-07	0.40545075E-07
124	-0.14933548E-07	0.41913378E-07
125	-0.10892381E-07	0.38313296E-07
126	-0.73565198E-08	0.32144303E-07
127	-0.44927391E-08	0.25098769E-07
128	-0.23294537E-08	0.18272601E-07
129	-0.80996648E-09	0.12294003E-07
130	0.16714194E-09	0.74492559E-08
131	0.71956130E-09	0.37948071E-08
132	0.96275765E-09	0.12399871E-08
133	0.99839237E-09	-0.38982345E-09
134	0.90881430E-09	-0.12989944E-08
135	0.75597612E-09	-0.16866875E-08

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.58305594E-09	-0.17270063E-08
137	0.41748016E-09	-0.15601657E-08
138	0.27443356E-09	-0.12910020E-08
139	0.16027497E-09	-0.99198194E-09
140	0.75516447E-10	-0.70858391E-09
141	0.17217108E-10	-0.46541818E-09
142	-0.19228579E-10	-0.27209413E-09
143	-0.38865852E-10	-0.12869407E-09
144	-0.46458469E-10	-0.30026277E-10
145	-0.46102747E-10	0.31692308E-10
146	-0.41067982E-10	0.64971611E-10
147	-0.33787931E-10	0.77865707E-10
148	-0.25942914E-10	0.77317562E-10
149	-0.18587560E-10	0.68875197E-10
150	-0.12293297E-10	0.56670189E-10
151	-0.72835531E-11	0.43564239E-10
152	-0.35501021E-11	0.31368696E-10
153	-0.94616665E-12	0.21082575E-10
154	0.74372014E-12	0.13115668E-10
155	0.17547045E-11	0.74808822E-11
156	0.23092901E-11	0.39278992E-11
157	0.25957012E-11	0.20374212E-11
158	0.27551214E-11	0.12973549E-11
159	0.28748252E-11	0.11468800E-11

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76907780E-03	-0.19427504E-03
2	0.74965029E-03	-0.19427494E-03
3	0.73022285E-03	-0.19427428E-03
4	0.71079552E-03	-0.19427227E-03
5	0.69136848E-03	-0.19426781E-03
6	0.67194214E-03	-0.19425794E-03
7	0.65251731E-03	-0.19423553E-03
8	0.63309586E-03	-0.19418831E-03
9	0.61368104E-03	-0.19409912E-03
10	0.59427816E-03	-0.19394602E-03
11	0.57489483E-03	-0.19370284E-03
12	0.55554160E-03	-0.19333986E-03
13	0.53623191E-03	-0.19282500E-03
14	0.51698281E-03	-0.19212323E-03
15	0.49781532E-03	-0.19118111E-03
16	0.47875740E-03	-0.18991491E-03
17	0.45984675E-03	-0.18821521E-03
18	0.44113307E-03	-0.18595331E-03
19	0.42267950E-03	-0.18298965E-03
20	0.40456318E-03	-0.17918524E-03
21	0.38687460E-03	-0.17441653E-03
22	0.36971498E-03	-0.16859456E-03
23	0.35319189E-03	-0.16168618E-03
24	0.33741395E-03	-0.15369139E-03
25	0.32248982E-03	-0.14461021E-03
26	0.30852814E-03	-0.13444260E-03
27	0.29563752E-03	-0.12318860E-03
28	0.28392661E-03	-0.11084819E-03
29	0.27350409E-03	-0.97421354E-04
30	0.26447856E-03	-0.82908045E-04
31	0.25695871E-03	-0.67308065E-04
32	0.25105322E-03	-0.50620514E-04
33	0.24687094E-03	-0.32843069E-04
34	0.24452107E-03	-0.13971681E-04
35	0.24405005E-03	0.41032654E-05
36	0.24525222E-03	0.19493806E-04
37	0.24785998E-03	0.32219115E-04
38	0.25160852E-03	0.42318527E-04
39	0.25623821E-03	0.49854516E-04
40	0.26149693E-03	0.54915545E-04
41	0.26714272E-03	0.57618523E-04
42	0.27294693E-03	0.58110523E-04
43	0.27869706E-03	0.56569286E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.28420018E-03	0.53209453E-04
45	0.28928698E-03	0.48290407E-04
46	0.29381638E-03	0.42115367E-04
47	0.29768137E-03	0.35080127E-04
48	0.30082150E-03	0.27717459E-04
49	0.30323569E-03	0.20679094E-04
50	0.30499292E-03	0.14708625E-04
51	0.30623961E-03	0.10604760E-04
52	0.30719719E-03	0.90010244E-05
53	0.30813069E-03	0.10123050E-04
54	0.30931266E-03	0.13970836E-04
55	0.31101573E-03	0.20544385E-04
56	0.31351240E-03	0.29843693E-04
57	0.31707532E-03	0.41868767E-04
58	0.32197702E-03	0.56619599E-04
59	0.32849010E-03	0.74096191E-04
60	0.33679043E-03	0.91398375E-04
61	0.34666728E-03	0.10562599E-03
62	0.35781314E-03	0.11677902E-03
63	0.36992060E-03	0.12485747E-03
64	0.38268216E-03	0.12986135E-03
65	0.39579067E-03	0.13179969E-03
66	0.40894089E-03	0.13070148E-03
67	0.42183246E-03	0.12664757E-03
68	0.43417746E-03	0.11980599E-03
69	0.44570953E-03	0.11044106E-03
70	0.45619375E-03	0.98918310E-04
71	0.46543672E-03	0.85701169E-04
72	0.47329697E-03	0.71373237E-04
73	0.47969961E-03	0.56692006E-04
74	0.48465477E-03	0.42592503E-04
75	0.48827226E-03	0.30118073E-04
76	0.49076683E-03	0.20298043E-04
77	0.49244781E-03	0.13956495E-04
78	0.49368554E-03	0.11436756E-04
79	0.49486296E-03	0.12750133E-04
80	0.49636333E-03	0.17896629E-04
81	0.49857004E-03	0.26876243E-04
82	0.50186634E-03	0.39688974E-04
83	0.50663558E-03	0.56334826E-04
84	0.51326113E-03	0.76813791E-04
85	0.52200351E-03	0.97447861E-04
86	0.53263322E-03	0.11455901E-03
87	0.54479792E-03	0.12814725E-03
88	0.55814529E-03	0.13821256E-03
89	0.57232298E-03	0.14475497E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.58697880E-03	0.14777447E-03
91	0.60176046E-03	0.14727103E-03
92	0.61631558E-03	0.14324469E-03
93	0.63029194E-03	0.13569543E-03
94	0.64333726E-03	0.12462326E-03
95	0.65509917E-03	0.11002816E-03
96	0.66522544E-03	0.91910151E-04
97	0.67336380E-03	0.70269227E-04
98	0.67916187E-03	0.45105386E-04
99	0.68226742E-03	0.16418631E-04
100	0.68232819E-03	-0.15791042E-04
101	0.67899178E-03	-0.51523632E-04
102	0.67190599E-03	-0.90779133E-04
103	0.66071854E-03	-0.13355755E-03
104	0.64507709E-03	-0.17985889E-03
105	0.62462932E-03	-0.22968315E-03
106	0.59902301E-03	-0.28303033E-03
107	0.56790584E-03	-0.33990041E-03
108	0.53092552E-03	-0.40029341E-03
109	0.48772970E-03	-0.46420933E-03
110	0.43796620E-03	-0.53164817E-03
111	0.38138649E-03	-0.59949473E-03
112	0.31841893E-03	-0.65679121E-03
113	0.25107680E-03	-0.68263145E-03
114	0.18399738E-03	-0.64532965E-03
115	0.12399956E-03	-0.54836727E-03
116	0.75081312E-04	-0.42868333E-03
117	0.38228045E-04	-0.31004485E-03
118	0.12589770E-04	-0.20588352E-03
119	-0.36288384E-05	-0.12212759E-03
120	-0.12549522E-04	-0.59784848E-04
121	-0.16237052E-04	-0.16979451E-04
122	-0.16485377E-04	0.96269896E-05
123	-0.14725119E-04	0.23829482E-04
124	-0.12012288E-04	0.29247769E-04
125	-0.90650065E-05	0.28982859E-04
126	-0.63236698E-05	0.25479319E-04
127	-0.40176947E-05	0.20519205E-04
128	-0.22286335E-05	0.15294954E-04
129	-0.94365140E-06	0.10522279E-04
130	-0.97149915E-07	0.65604413E-05
131	0.39923654E-06	0.35225939E-05
132	0.63683018E-06	0.13685867E-05
133	0.69826314E-06	-0.26142816E-07
134	0.65156030E-06	-0.82211187E-06
135	0.54838978E-06	-0.11816096E-05

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.42497845E-06	-0.12489064E-05
137	0.30444761E-06	-0.11410308E-05
138	0.19969049E-06	-0.94560863E-06
139	0.11623047E-06	-0.72304886E-06
140	0.54728364E-07	-0.51105991E-06
141	0.12990269E-07	-0.32991736E-06
142	-0.12546530E-07	-0.18751751E-06
143	-0.25804507E-07	-0.83855895E-07
144	-0.30460725E-07	-0.14484739E-07
145	-0.29626960E-07	0.27121285E-07
146	-0.25729685E-07	0.47930776E-07
147	-0.20520027E-07	0.54363614E-07
148	-0.15157395E-07	0.51783481E-07
149	-0.10325940E-07	0.44325066E-07
150	-0.63567605E-08	0.34935294E-07
151	-0.33391632E-08	0.25537071E-07
152	-0.12125467E-08	0.17242831E-07
153	0.16344893E-09	0.10569962E-07
154	0.95936481E-09	0.56346701E-08
155	0.13438004E-08	0.23019044E-08
156	0.14639326E-08	0.29474453E-09
157	0.14356838E-08	-0.72438217E-09
158	0.13403738E-08	-0.11039777E-08
159	0.12251068E-08	-0.11770170E-08

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76907780E-03	-0.19427504E-03
2	0.74965029E-03	-0.19427494E-03
3	0.73022285E-03	-0.19427430E-03
4	0.71079552E-03	-0.19427227E-03
5	0.69136848E-03	-0.19426781E-03
6	0.67194214E-03	-0.19425794E-03
7	0.65251731E-03	-0.19423552E-03
8	0.63309586E-03	-0.19418831E-03
9	0.61368104E-03	-0.19409911E-03
10	0.59427816E-03	-0.19394601E-03
11	0.57489483E-03	-0.19370281E-03
12	0.55554160E-03	-0.19333982E-03
13	0.53623196E-03	-0.19282494E-03
14	0.51698281E-03	-0.19212315E-03
15	0.49781532E-03	-0.19118101E-03
16	0.47875743E-03	-0.18991479E-03
17	0.45984681E-03	-0.18821508E-03
18	0.44113313E-03	-0.18595316E-03
19	0.42267956E-03	-0.18298950E-03
20	0.40456327E-03	-0.17918510E-03
21	0.38687469E-03	-0.17441639E-03
22	0.36971510E-03	-0.16859444E-03
23	0.35319201E-03	-0.16168610E-03
24	0.33741409E-03	-0.15369138E-03
25	0.32248997E-03	-0.14461025E-03
26	0.30852825E-03	-0.13444276E-03
27	0.29563761E-03	-0.12318886E-03
28	0.28392670E-03	-0.11084857E-03
29	0.27350412E-03	-0.97421893E-04
30	0.26447853E-03	-0.82908744E-04
31	0.25695859E-03	-0.67308945E-04
32	0.25105299E-03	-0.50621591E-04
33	0.24687059E-03	-0.32844357E-04
34	0.24452058E-03	-0.13973172E-04
35	0.24404943E-03	0.41015965E-05
36	0.24525143E-03	0.19492018E-04
37	0.24785899E-03	0.32217293E-04
38	0.25160736E-03	0.42316791E-04
39	0.25623690E-03	0.49853039E-04
40	0.26149547E-03	0.54914541E-04
41	0.26714121E-03	0.57618265E-04
42	0.27294544E-03	0.58111342E-04
43	0.27869572E-03	0.56571571E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.28419917E-03	0.53213658E-04
45	0.28928649E-03	0.48297032E-04
46	0.29381670E-03	0.42124935E-04
47	0.29768283E-03	0.35093173E-04
48	0.30082444E-03	0.27734475E-04
49	0.30324055E-03	0.20700489E-04
50	0.30500014E-03	0.14734646E-04
51	0.30624971E-03	0.10635412E-04
52	0.30721055E-03	0.90353860E-05
53	0.30814757E-03	0.10159423E-04
54	0.30933323E-03	0.14007524E-04
55	0.31103988E-03	0.20579686E-04
56	0.31353996E-03	0.29875913E-04
57	0.31710588E-03	0.41896204E-04
58	0.32201002E-03	0.56640554E-04
59	0.32852477E-03	0.74108670E-04
60	0.33682582E-03	0.91399248E-04
61	0.34670203E-03	0.10561189E-03
62	0.35784565E-03	0.11674844E-03
63	0.36994930E-03	0.12481223E-03
64	0.38270585E-03	0.12980837E-03
65	0.39580904E-03	0.13174715E-03
66	0.40895422E-03	0.13065428E-03
67	0.42184145E-03	0.12660820E-03
68	0.43418296E-03	0.11977518E-03
69	0.44571239E-03	0.11041843E-03
70	0.45619468E-03	0.98902849E-04
71	0.46543643E-03	0.85691550E-04
72	0.47329595E-03	0.71368100E-04
73	0.47969824E-03	0.56690089E-04
74	0.48465331E-03	0.42592732E-04
75	0.48827092E-03	0.30119591E-04
76	0.49076567E-03	0.20300207E-04
77	0.49244688E-03	0.13958860E-04
78	0.49368484E-03	0.11439036E-04
79	0.49486244E-03	0.12752172E-04
80	0.49636303E-03	0.17898361E-04
81	0.49856992E-03	0.26877662E-04
82	0.50186634E-03	0.39690109E-04
83	0.50663570E-03	0.56335713E-04
84	0.51326124E-03	0.76814467E-04
85	0.52200374E-03	0.97448356E-04
86	0.53263351E-03	0.11455933E-03
87	0.54479821E-03	0.12814743E-03
88	0.55814558E-03	0.13821261E-03
89	0.57232328E-03	0.14475490E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.58697909E-03	0.14777431E-03
91	0.60176069E-03	0.14727080E-03
92	0.61631581E-03	0.14324440E-03
93	0.63029217E-03	0.13569510E-03
94	0.64333744E-03	0.12462291E-03
95	0.65509934E-03	0.11002782E-03
96	0.66522555E-03	0.91909824E-04
97	0.67336386E-03	0.70268943E-04
98	0.67916192E-03	0.45105149E-04
99	0.68226748E-03	0.16418448E-04
100	0.68232819E-03	-0.15791175E-04
101	0.67899178E-03	-0.51523719E-04
102	0.67190599E-03	-0.90779191E-04
103	0.66071854E-03	-0.13355758E-03
104	0.64507703E-03	-0.17985891E-03
105	0.62462932E-03	-0.22968314E-03
106	0.59902301E-03	-0.28303030E-03
107	0.56790584E-03	-0.33990038E-03
108	0.53092546E-03	-0.40029339E-03
109	0.48772970E-03	-0.46420930E-03
110	0.43796620E-03	-0.53164811E-03
111	0.38138649E-03	-0.59949473E-03
112	0.31841893E-03	-0.65679121E-03
113	0.25107680E-03	-0.68263139E-03
114	0.18399738E-03	-0.64532965E-03
115	0.12399956E-03	-0.54836727E-03
116	0.75081312E-04	-0.42868333E-03
117	0.38228045E-04	-0.31004485E-03
118	0.12589770E-04	-0.20588352E-03
119	-0.36288382E-05	-0.12212759E-03
120	-0.12549522E-04	-0.59784848E-04
121	-0.16237052E-04	-0.16979451E-04
122	-0.16485377E-04	0.96269887E-05
123	-0.14725119E-04	0.23829480E-04
124	-0.12012288E-04	0.29247769E-04
125	-0.90650065E-05	0.28982859E-04
126	-0.63236698E-05	0.25479319E-04
127	-0.40176947E-05	0.20519205E-04
128	-0.22286335E-05	0.15294954E-04
129	-0.94365146E-06	0.10522279E-04
130	-0.97149922E-07	0.65604413E-05
131	0.39923651E-06	0.35225939E-05
132	0.63683018E-06	0.13685867E-05
133	0.69826314E-06	-0.26142800E-07
134	0.65156030E-06	-0.82211187E-06
135	0.54838978E-06	-0.11816096E-05

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.42497842E-06	-0.12489064E-05
137	0.30444761E-06	-0.11410308E-05
138	0.19969049E-06	-0.94560863E-06
139	0.11623047E-06	-0.72304886E-06
140	0.54728364E-07	-0.51105991E-06
141	0.12990269E-07	-0.32991736E-06
142	-0.12546530E-07	-0.18751751E-06
143	-0.25804507E-07	-0.83855895E-07
144	-0.30460725E-07	-0.14484740E-07
145	-0.29626960E-07	0.27121285E-07
146	-0.25729685E-07	0.47930776E-07
147	-0.20520027E-07	0.54363618E-07
148	-0.15157395E-07	0.51783481E-07
149	-0.10325939E-07	0.44325066E-07
150	-0.63567600E-08	0.34935294E-07
151	-0.33391623E-08	0.25537073E-07
152	-0.12125457E-08	0.17242833E-07
153	0.16345007E-09	0.10569962E-07
154	0.95936592E-09	0.56346687E-08
155	0.13438014E-08	0.23019024E-08
156	0.14639333E-08	0.29474212E-09
157	0.14356842E-08	-0.72438466E-09
158	0.13403740E-08	-0.11039802E-08
159	0.12251067E-08	-0.11770196E-08

STEP DI CARICO NO. 10

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.76907780E-03	-0.19427504E-03
2	0.74965029E-03	-0.19427494E-03
3	0.73022285E-03	-0.19427430E-03
4	0.71079552E-03	-0.19427227E-03
5	0.69136848E-03	-0.19426781E-03
6	0.67194214E-03	-0.19425794E-03
7	0.65251731E-03	-0.19423552E-03
8	0.63309586E-03	-0.19418829E-03
9	0.61368104E-03	-0.19409909E-03
10	0.59427816E-03	-0.19394599E-03
11	0.57489483E-03	-0.19370280E-03
12	0.55554160E-03	-0.19333980E-03
13	0.53623196E-03	-0.19282493E-03
14	0.51698281E-03	-0.19212313E-03
15	0.49781532E-03	-0.19118098E-03
16	0.47875743E-03	-0.18991476E-03
17	0.45984684E-03	-0.18821505E-03
18	0.44113316E-03	-0.18595313E-03
19	0.42267959E-03	-0.18298948E-03
20	0.40456330E-03	-0.17918507E-03
21	0.38687472E-03	-0.17441637E-03
22	0.36971513E-03	-0.16859444E-03
23	0.35319204E-03	-0.16168613E-03
24	0.33741412E-03	-0.15369144E-03
25	0.32248997E-03	-0.14461034E-03
26	0.30852825E-03	-0.13444289E-03
27	0.29563761E-03	-0.12318903E-03
28	0.28392667E-03	-0.11084880E-03
29	0.27350406E-03	-0.97422169E-04
30	0.26447844E-03	-0.82909079E-04
31	0.25695848E-03	-0.67309345E-04
32	0.25105284E-03	-0.50622042E-04
33	0.24687039E-03	-0.32844848E-04
34	0.24452031E-03	-0.13973691E-04
35	0.24404911E-03	0.41010826E-05
36	0.24525108E-03	0.19491557E-04
37	0.24785858E-03	0.32216951E-04
38	0.25160692E-03	0.42316646E-04
39	0.25623647E-03	0.49853181E-04
40	0.26149509E-03	0.54915083E-04
41	0.26714089E-03	0.57619338E-04
42	0.27294527E-03	0.58113088E-04
43	0.27869578E-03	0.56574147E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.28419949E-03	0.53217216E-04
45	0.28928724E-03	0.48301717E-04
46	0.29381798E-03	0.42130880E-04
47	0.29768478E-03	0.35100460E-04
48	0.30082720E-03	0.27743123E-04
49	0.30324422E-03	0.20710420E-04
50	0.30500488E-03	0.14745660E-04
51	0.30625556E-03	0.10647133E-04
52	0.30721759E-03	0.90468911E-05
53	0.30815569E-03	0.10169336E-04
54	0.30934220E-03	0.14014465E-04
55	0.31104934E-03	0.20582276E-04
56	0.31354942E-03	0.29872768E-04
57	0.31711467E-03	0.41885938E-04
58	0.32201735E-03	0.56621786E-04
59	0.32852977E-03	0.74080315E-04
60	0.33682748E-03	0.91360329E-04
61	0.34669921E-03	0.10556110E-03
62	0.35783710E-03	0.11668455E-03
63	0.36993367E-03	0.12473491E-03
64	0.38268190E-03	0.12971916E-03
65	0.39577574E-03	0.13165064E-03
66	0.40891126E-03	0.13055949E-03
67	0.42178971E-03	0.12653004E-03
68	0.43412510E-03	0.11973587E-03
69	0.44565377E-03	0.11044865E-03
70	0.45614422E-03	0.99042285E-04
71	0.46540730E-03	0.85988322E-04
72	0.47330660E-03	0.71876471E-04
73	0.47977263E-03	0.57465750E-04
74	0.48482075E-03	0.43684799E-04
75	0.48856478E-03	0.31558498E-04
76	0.49122074E-03	0.22080763E-04
77	0.49309473E-03	0.16018023E-04
78	0.49454806E-03	0.13666941E-04
79	0.49595186E-03	0.15026949E-04
80	0.49767713E-03	0.20097561E-04
81	0.50009502E-03	0.28878512E-04
82	0.50357654E-03	0.41369945E-04
83	0.50849270E-03	0.57572648E-04
84	0.51521481E-03	0.77488345E-04
85	0.52398996E-03	0.97391683E-04
86	0.53456862E-03	0.11355893E-03
87	0.54657744E-03	0.12599659E-03
88	0.55964448E-03	0.13473006E-03
89	0.57340245E-03	0.13983267E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.58749452E-03	0.14144117E-03
91	0.60158106E-03	0.13976129E-03
92	0.61534636E-03	0.13506922E-03
93	0.62850583E-03	0.12770588E-03
94	0.64081146E-03	0.11805975E-03
95	0.65205514E-03	0.10653313E-03
96	0.66206988E-03	0.93560295E-04
97	0.67073491E-03	0.79620135E-04
98	0.67797658E-03	0.65159467E-04
99	0.68375928E-03	0.50472907E-04
100	0.68806665E-03	0.35652021E-04
101	0.69088524E-03	0.20696802E-04
102	0.69220155E-03	0.56072549E-05
103	0.69200218E-03	-0.96166214E-05
104	0.69027377E-03	-0.24974828E-04
105	0.68700273E-03	-0.40467363E-04
106	0.68217580E-03	-0.56094228E-04
107	0.67577942E-03	-0.71855422E-04
108	0.66780025E-03	-0.87750945E-04
109	0.65822474E-03	-0.10378080E-03
110	0.64689323E-03	-0.12433605E-03
111	0.63306035E-03	-0.15380776E-03
112	0.61583443E-03	-0.19219595E-03
113	0.59432391E-03	-0.23950060E-03
114	0.56763709E-03	-0.29572172E-03
115	0.53488236E-03	-0.36085930E-03
116	0.49516803E-03	-0.43491335E-03
117	0.44763047E-03	-0.51704416E-03
118	0.39168025E-03	-0.60154340E-03
119	0.32772339E-03	-0.67399500E-03
120	0.25809280E-03	-0.71010011E-03
121	0.18808186E-03	-0.67485013E-03
122	0.12535475E-03	-0.57264091E-03
123	0.74409923E-04	-0.44474419E-03
124	0.36374204E-04	-0.31779890E-03
125	0.10316087E-04	-0.20687540E-03
126	-0.57569546E-05	-0.11863426E-03
127	-0.14199897E-04	-0.54067099E-04
128	-0.17280023E-04	-0.10789410E-04
129	-0.16935794E-04	0.15147839E-04
130	-0.14683863E-04	0.28082863E-04
131	-0.11618244E-04	0.32047214E-04
132	-0.84609110E-05	0.30416857E-04
133	-0.56346148E-05	0.25794232E-04
134	-0.33402348E-05	0.20026489E-04
135	-0.16277368E-05	0.14306142E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.45493991E-06	0.93077897E-05
137	0.26781294E-06	0.53291924E-05
138	0.64645036E-06	0.24171493E-05
139	0.78332351E-06	0.46752723E-06
140	0.76608285E-06	-0.69828394E-06
141	0.66321968E-06	-0.12775067E-05
142	0.52404624E-06	-0.14527878E-05
143	0.38104406E-06	-0.13766098E-05
144	0.25319656E-06	-0.11662627E-05
145	0.14949111E-06	-0.90492733E-06
146	0.72122901E-07	-0.64623748E-06
147	0.19146961E-07	-0.42044755E-06
148	-0.13503969E-07	-0.24077849E-06
149	-0.30614331E-07	-0.10927723E-06
150	-0.36807300E-07	-0.21212555E-07
151	-0.36028553E-07	0.31700829E-07
152	-0.31332242E-07	0.58661076E-07
153	-0.24876122E-07	0.68227727E-07
154	-0.18027187E-07	0.67579620E-07
155	-0.11516554E-07	0.62240836E-07
156	-0.56068670E-08	0.56066625E-07
157	-0.25500640E-09	0.51339089E-07
158	0.47378523E-08	0.48918608E-07
159	0.95890824E-08	0.48309143E-07

STEP DI CARICO NO. 11

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.77259180E-03	-0.20151405E-03
2	0.75244048E-03	-0.20151066E-03
3	0.73229027E-03	-0.20148973E-03
4	0.71214401E-03	-0.20142582E-03
5	0.69200760E-03	-0.20128569E-03
6	0.67189074E-03	-0.20102852E-03
7	0.65180741E-03	-0.20060661E-03
8	0.63177670E-03	-0.19996637E-03
9	0.61182358E-03	-0.19904325E-03
10	0.59198035E-03	-0.19775120E-03
11	0.57228928E-03	-0.19598009E-03
12	0.55280462E-03	-0.19360115E-03
13	0.53359399E-03	-0.19047444E-03
14	0.51473943E-03	-0.18645634E-03
15	0.49633748E-03	-0.18139482E-03
16	0.47850053E-03	-0.17513098E-03
17	0.46135619E-03	-0.16752040E-03
18	0.44504480E-03	-0.15845963E-03
19	0.42971387E-03	-0.14791088E-03
20	0.41551222E-03	-0.13587416E-03
21	0.40258863E-03	-0.12234945E-03
22	0.39109192E-03	-0.10733677E-03
23	0.38117089E-03	-0.90836111E-04
24	0.37297429E-03	-0.72847470E-04
25	0.36665099E-03	-0.53370848E-04
26	0.36234973E-03	-0.32406246E-04
27	0.36021933E-03	-0.99536683E-05
28	0.36040859E-03	0.13986891E-04
29	0.36306630E-03	0.39415430E-04
30	0.36834128E-03	0.66331944E-04
31	0.37638229E-03	0.94736446E-04
32	0.38733816E-03	0.12462892E-03
33	0.40135768E-03	0.15600938E-03
34	0.41858965E-03	0.18887781E-03
35	0.43900791E-03	0.21798609E-03
36	0.46188658E-03	0.23808610E-03
37	0.48632603E-03	0.24921316E-03
38	0.51143504E-03	0.25151414E-03
39	0.53634465E-03	0.24528828E-03
40	0.56022347E-03	0.23098721E-03
41	0.58229303E-03	0.20921494E-03
42	0.60184265E-03	0.18072785E-03
43	0.61824505E-03	0.14643470E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.63097145E-03	0.10739666E-03
45	0.63960667E-03	0.64827240E-04
46	0.64386468E-03	0.20092370E-04
47	0.64360356E-03	-0.25289672E-04
48	0.63884089E-03	-0.69648209E-04
49	0.62976882E-03	-0.11116018E-03
50	0.61676960E-03	-0.14785017E-03
51	0.60043047E-03	-0.17759034E-03
52	0.58151991E-03	-0.19927870E-03
53	0.56084309E-03	-0.21291524E-03
54	0.53920527E-03	-0.21849998E-03
55	0.51741151E-03	-0.21603290E-03
56	0.49626705E-03	-0.20551401E-03
57	0.47657712E-03	-0.18694330E-03
58	0.45914680E-03	-0.16032078E-03
59	0.44478133E-03	-0.12564645E-03
60	0.43408939E-03	-0.88815534E-04
61	0.42689362E-03	-0.55723263E-04
62	0.42282013E-03	-0.26369638E-04
63	0.42149506E-03	-0.75465897E-06
64	0.42254457E-03	0.21121676E-04
65	0.42559477E-03	0.39259365E-04
66	0.43027182E-03	0.53658408E-04
67	0.43620184E-03	0.64318810E-04
68	0.44301097E-03	0.71240560E-04
69	0.45032531E-03	0.74423675E-04
70	0.45777106E-03	0.73868134E-04
71	0.46497877E-03	0.69707210E-04
72	0.47160892E-03	0.62438048E-04
73	0.47739354E-03	0.52983884E-04
74	0.48217431E-03	0.42588268E-04
75	0.48592692E-03	0.32664266E-04
76	0.48876961E-03	0.24613952E-04
77	0.49095083E-03	0.19596835E-04
78	0.49281266E-03	0.18289629E-04
79	0.49474405E-03	0.21042217E-04
80	0.49716560E-03	0.28131177E-04
81	0.50052075E-03	0.39732658E-04
82	0.50526386E-03	0.55884822E-04
83	0.51184866E-03	0.76566794E-04
84	0.52072818E-03	0.10177858E-03
85	0.53222640E-03	0.12764984E-03
86	0.54615113E-03	0.15031025E-03
87	0.56218141E-03	0.16975981E-03
88	0.57999609E-03	0.18599852E-03
89	0.59927406E-03	0.19902637E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.61969430E-03	0.20884337E-03
91	0.64093573E-03	0.21544952E-03
92	0.66267722E-03	0.21884481E-03
93	0.68459765E-03	0.21902926E-03
94	0.70637604E-03	0.21600285E-03
95	0.72769122E-03	0.20976560E-03
96	0.74822211E-03	0.20031749E-03
97	0.76764770E-03	0.18765853E-03
98	0.78564679E-03	0.17178871E-03
99	0.80189836E-03	0.15270805E-03
100	0.81608136E-03	0.13041652E-03
101	0.82787464E-03	0.10491415E-03
102	0.83695928E-03	0.76263619E-04
103	0.84302976E-03	0.44683526E-04
104	0.84581180E-03	0.10578889E-04
105	0.84508106E-03	-0.25458830E-04
106	0.84068155E-03	-0.62651758E-04
107	0.83254435E-03	-0.10003557E-03
108	0.82070642E-03	-0.13645954E-03
109	0.80532901E-03	-0.17058649E-03
110	0.78644382E-03	-0.20907253E-03
111	0.76315354E-03	-0.25838739E-03
112	0.73446863E-03	-0.31663454E-03
113	0.69959834E-03	-0.38173117E-03
114	0.65796968E-03	-0.45140792E-03
115	0.60924597E-03	-0.52320905E-03
116	0.55334513E-03	-0.59449242E-03
117	0.49045897E-03	-0.66242943E-03
118	0.42107151E-03	-0.72399864E-03
119	0.34616611E-03	-0.77036227E-03
120	0.26819273E-03	-0.78091642E-03
121	0.19226996E-03	-0.72285708E-03
122	0.12571813E-03	-0.60189312E-03
123	0.72593357E-04	-0.45986846E-03
124	0.33566477E-04	-0.32318244E-03
125	0.73002529E-05	-0.20619489E-03
126	-0.85213096E-05	-0.11467162E-03
127	-0.16487304E-04	-0.48745322E-04
128	-0.19021098E-04	-0.53407298E-05
129	-0.18157276E-04	0.20009067E-04
130	-0.15463875E-04	0.32021177E-04
131	-0.12054711E-04	0.34983150E-04
132	-0.86511945E-05	0.32426600E-04
133	-0.56639246E-05	0.27034050E-04
134	-0.32764203E-05	0.20680431E-04
135	-0.15203327E-05	0.14551994E-04

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.33690560E-06	0.92970376E-05
137	0.37696174E-06	0.51786856E-05
138	0.73711482E-06	0.22088309E-05
139	0.85252253E-06	0.25281500E-06
140	0.81476435E-06	-0.89060359E-06
141	0.69441023E-06	-0.14337704E-05
142	0.54158869E-06	-0.15695852E-05
143	0.38878022E-06	-0.14567889E-05
144	0.25450018E-06	-0.12159143E-05
145	0.14705563E-06	-0.93129165E-06
146	0.67919466E-07	-0.65634083E-06
147	0.14490585E-07	-0.42029637E-06
148	-0.17832004E-07	-0.23501782E-06
149	-0.34227398E-07	-0.10117184E-06
150	-0.39582414E-07	-0.12807109E-07
151	-0.37998326E-07	0.39272461E-07
152	-0.32610547E-07	0.64873277E-07
153	-0.25607092E-07	0.72971410E-07
154	-0.18351805E-07	0.71003349E-07
155	-0.11553325E-07	0.64628189E-07
156	-0.54430411E-08	0.57746799E-07
157	0.54533926E-10	0.52620393E-07
158	0.51657918E-08	0.50036615E-07
159	0.10126513E-07	0.49392511E-07

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.77259E-03	11
2	-0.10000	0.75244E-03	11
3	-0.20000	0.73229E-03	11
4	-0.30000	0.71214E-03	11
5	-0.40000	0.69201E-03	11
6	-0.50000	0.67199E-03	5
7	-0.60000	0.65257E-03	5
8	-0.70000	0.63316E-03	5
9	-0.80000	0.61375E-03	5
10	-0.90000	0.59435E-03	5
11	-1.0000	0.57497E-03	5
12	-1.1000	0.55560E-03	5
13	-1.2000	0.53698E-03	2
14	-1.3000	0.51836E-03	2
15	-1.4000	0.49974E-03	3
16	-1.5000	0.48113E-03	3
17	-1.6000	0.46251E-03	3
18	-1.7000	0.44504E-03	11
19	-1.8000	0.42971E-03	11
20	-1.9000	0.41551E-03	11
21	-2.0000	0.40259E-03	11
22	-2.1000	0.39109E-03	11
23	-2.2000	0.38117E-03	11
24	-2.3000	0.37297E-03	11
25	-2.4000	0.36665E-03	11
26	-2.5000	0.36235E-03	11
27	-2.6000	0.36022E-03	11
28	-2.7000	0.36041E-03	11
29	-2.8000	0.36307E-03	11
30	-2.9000	0.36834E-03	11
31	-3.0000	0.37638E-03	11
32	-3.1000	0.38734E-03	11
33	-3.2000	0.40136E-03	11
34	-3.3000	0.41859E-03	11
35	-3.4000	0.43901E-03	11
36	-3.5000	0.46189E-03	11
37	-3.6000	0.48633E-03	11
38	-3.7000	0.51144E-03	11

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.53634E-03	11
40	-3.9000	0.56022E-03	11
41	-4.0000	0.58229E-03	11
42	-4.1000	0.60184E-03	11
43	-4.2000	0.61825E-03	11
44	-4.3000	0.63097E-03	11
45	-4.4000	0.63961E-03	11
46	-4.5000	0.64386E-03	11
47	-4.6000	0.64360E-03	11
48	-4.7000	0.63884E-03	11
49	-4.8000	0.62977E-03	11
50	-4.9000	0.61677E-03	11
51	-5.0000	0.60043E-03	11
52	-5.1000	0.58152E-03	11
53	-5.2000	0.56084E-03	11
54	-5.3000	0.53921E-03	11
55	-5.4000	0.51741E-03	11
56	-5.5000	0.49627E-03	11
57	-5.6000	0.47658E-03	11
58	-5.7000	0.45915E-03	11
59	-5.8000	0.44478E-03	11
60	-5.9000	0.43409E-03	11
61	-6.0000	0.42689E-03	11
62	-6.1000	0.42282E-03	11
63	-6.2000	0.42150E-03	11
64	-6.3000	0.42254E-03	11
65	-6.4000	0.42559E-03	11
66	-6.5000	0.43027E-03	11
67	-6.6000	0.43620E-03	11
68	-6.7000	0.44301E-03	11
69	-6.8000	0.45033E-03	11
70	-6.9000	0.45905E-03	7
71	-7.0000	0.46969E-03	7
72	-7.1000	0.47885E-03	7
73	-7.2000	0.48625E-03	7
74	-7.3000	0.49161E-03	7
75	-7.4000	0.49464E-03	7
76	-7.5000	0.49507E-03	7
77	-7.6000	0.49309E-03	10
78	-7.7000	0.49455E-03	10
79	-7.8000	0.49595E-03	10
80	-7.9000	0.49768E-03	10
81	-8.0000	0.50052E-03	11
82	-8.1000	0.50526E-03	11
83	-8.2000	0.51185E-03	11
84	-8.3000	0.52073E-03	11

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.53223E-03	11
86	-8.5000	0.54615E-03	11
87	-8.6000	0.56218E-03	11
88	-8.7000	0.58000E-03	11
89	-8.8000	0.59927E-03	11
90	-8.9000	0.61969E-03	11
91	-9.0000	0.64094E-03	11
92	-9.1000	0.66268E-03	11
93	-9.2000	0.68460E-03	11
94	-9.3000	0.70638E-03	11
95	-9.4000	0.72769E-03	11
96	-9.5000	0.74822E-03	11
97	-9.6000	0.76765E-03	11
98	-9.7000	0.78565E-03	11
99	-9.8000	0.80190E-03	11
100	-9.9000	0.81608E-03	11
101	-10.000	0.82787E-03	11
102	-10.100	0.83696E-03	11
103	-10.200	0.84303E-03	11
104	-10.300	0.84581E-03	11
105	-10.400	0.84508E-03	11
106	-10.500	0.84068E-03	11
107	-10.600	0.83254E-03	11
108	-10.700	0.82071E-03	11
109	-10.800	0.80533E-03	11
110	-10.900	0.78644E-03	11
111	-11.000	0.76315E-03	11
112	-11.100	0.73447E-03	11
113	-11.200	0.69960E-03	11
114	-11.300	0.65797E-03	11
115	-11.400	0.60925E-03	11
116	-11.500	0.55335E-03	11
117	-11.600	0.49046E-03	11
118	-11.700	0.42107E-03	11
119	-11.800	0.34617E-03	11
120	-11.900	0.26819E-03	11
121	-12.000	0.19227E-03	11
122	-12.100	0.12572E-03	11
123	-12.200	0.74410E-04	10
124	-12.300	0.36374E-04	10
125	-12.400	0.10316E-04	10
126	-12.500	-0.85213E-05	11
127	-12.600	-0.16487E-04	11
128	-12.700	-0.19021E-04	11
129	-12.800	-0.18157E-04	11
130	-12.900	-0.15464E-04	11

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	-0.12055E-04	11
132	-13.100	-0.86512E-05	11
133	-13.200	-0.56639E-05	11
134	-13.300	-0.33402E-05	10
135	-13.400	-0.16277E-05	10
136	-13.500	-0.45494E-06	10
137	-13.600	0.37696E-06	11
138	-13.700	0.73711E-06	11
139	-13.800	0.85252E-06	11
140	-13.900	0.81476E-06	11
141	-14.000	0.69441E-06	11
142	-14.100	0.54159E-06	11
143	-14.200	0.38878E-06	11
144	-14.300	0.25450E-06	11
145	-14.400	0.14949E-06	10
146	-14.500	0.72123E-07	10
147	-14.600	-0.20520E-07	9
148	-14.700	-0.17832E-07	11
149	-14.800	-0.34227E-07	11
150	-14.900	-0.39582E-07	11
151	-15.000	-0.37998E-07	11
152	-15.100	-0.32611E-07	11
153	-15.200	-0.25607E-07	11
154	-15.300	-0.18352E-07	11
155	-15.400	-0.11553E-07	11
156	-15.500	-0.56069E-08	10
157	-15.600	0.14357E-08	9
158	-15.700	0.51658E-08	11
159	-15.800	0.10127E-07	11

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 11
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.3357E-12	0.2967E-12	0.2564E-02
	B	-0.1000	0.2564E-03	0.8882E-13	0.2564E-02
2	A	-0.1000	0.2564E-03	0.9592E-13	0.1069E-01
	B	-0.2000	0.1325E-02	0.2380E-12	0.1069E-01
3	A	-0.2000	0.1325E-02	0.2540E-12	0.2180E-01
	B	-0.3000	0.3506E-02	0.	0.2180E-01
4	A	-0.3000	0.3506E-02	0.	0.3583E-01
	B	-0.4000	0.7089E-02	0.3452E-04	0.3583E-01
5	A	-0.4000	0.7089E-02	0.3452E-04	0.5264E-01
	B	-0.5000	0.1235E-01	0.	0.5264E-01
6	A	-0.5000	0.1235E-01	0.	0.7191E-01
	B	-0.6000	0.1954E-01	0.3020E-12	0.7191E-01
7	A	-0.6000	0.1954E-01	0.3499E-12	0.9314E-01
	B	-0.7000	0.2886E-01	0.1119E-11	0.9314E-01
8	A	-0.7000	0.2886E-01	0.1009E-11	0.1207
	B	-0.8000	0.4093E-01	0.1393E-11	0.1207
9	A	-0.8000	0.4093E-01	0.1755E-11	0.1582
	B	-0.9000	0.5675E-01	0.1947E-11	0.1582
10	A	-0.9000	0.5675E-01	0.1736E-11	0.2040
	B	-1.000	0.7715E-01	0.2668E-11	0.2040
11	A	-1.000	0.7715E-01	0.2757E-11	0.2556
	B	-1.100	0.1027	0.2899E-11	0.2556
12	A	-1.100	0.1027	0.3062E-11	0.3098
	B	-1.200	0.1337	0.3880E-11	0.3098
13	A	-1.200	0.1337	0.3711E-11	0.3641
	B	-1.300	0.1701	0.3720E-11	0.3641
14	A	-1.300	0.1701	0.3846E-11	0.4247
	B	-1.400	0.2126	0.4814E-11	0.4247
15	A	-1.400	0.2126	0.4640E-11	0.4843
	B	-1.500	0.2610	0.5045E-11	0.4843
16	A	-1.500	0.2610	0.5134E-11	0.5339
	B	-1.600	0.3144	0.5876E-11	0.5339
17	A	-1.600	0.3144	0.5747E-11	0.5625
	B	-1.700	0.3706	0.6583E-11	0.5625

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.3706	0.6429E-11	0.5625
	B	-1.800	0.4269	0.6924E-11	0.5625
19	A	-1.800	0.4269	0.7091E-11	0.5625
	B	-1.900	0.4831	0.7418E-11	0.5625
20	A	-1.900	0.4831	0.7580E-11	0.5625
	B	-2.000	0.5394	0.8033E-11	0.5625
21	A	-2.000	0.5394	0.8159E-11	0.5625
	B	-2.100	0.5956	0.8466E-11	0.5625
22	A	-2.100	0.5956	0.8606E-11	0.5625
	B	-2.200	0.6518	0.8281E-05	0.5625
23	A	-2.200	0.6518	0.8281E-05	0.5625
	B	-2.300	0.7081	0.2472E-04	0.5625
24	A	-2.300	0.7081	0.2472E-04	0.5625
	B	-2.400	0.7643	0.4115E-04	0.5625
25	A	-2.400	0.7643	0.4115E-04	0.5625
	B	-2.500	0.8206	0.5759E-04	0.5625
26	A	-2.500	0.8206	0.5759E-04	0.5625
	B	-2.600	0.8768	0.7402E-04	0.5625
27	A	-2.600	0.8768	0.7402E-04	0.5625
	B	-2.700	0.9331	0.9046E-04	0.5625
28	A	-2.700	0.9331	0.9046E-04	0.5625
	B	-2.800	0.9893	0.1069E-03	0.5625
29	A	-2.800	0.9893	0.1069E-03	0.5625
	B	-2.900	1.046	0.1233E-03	0.5625
30	A	-2.900	1.046	0.1233E-03	0.5625
	B	-3.000	1.102	0.1398E-03	0.5625
31	A	-3.000	1.102	0.1398E-03	0.5625
	B	-3.100	1.158	0.1562E-03	0.5625
32	A	-3.100	1.158	0.1562E-03	0.5625
	B	-3.200	1.214	0.1726E-03	0.5625
33	A	-3.200	1.214	0.1726E-03	0.5625
	B	-3.300	1.271	0.1891E-03	0.5625
34	A	-3.300	1.271	0.1891E-03	3.405
	B	-3.400	0.9300	0.2132E-03	3.405
35	A	-3.400	0.9300	0.2132E-03	3.405
	B	-3.500	0.5895	0.	3.405
36	A	-3.500	0.5895	0.	3.378
	B	-3.600	0.4780	0.	3.378
37	A	-3.600	0.4780	0.	3.294
	B	-3.700	0.3810	0.7773E-01	3.294
38	A	-3.700	0.3810	0.7773E-01	4.394
	B	-3.800	0.7449	0.3929	4.394
39	A	-3.800	0.7449	0.3929	2.953
	B	-3.900	0.9613	0.6882	2.953
40	A	-3.900	0.9613	0.6882	2.696
	B	-4.000	1.019	0.9578	2.696

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	1.019	0.9578	2.381
	B	-4.100	0.9727	1.196	2.381
42	A	-4.100	0.9727	1.196	2.009
	B	-4.200	0.8646	1.397	2.009
43	A	-4.200	0.8646	1.397	1.579
	B	-4.300	0.7270	1.555	1.579
44	A	-4.300	0.7270	1.555	1.452
	B	-4.400	0.5825	1.664	1.452
45	A	-4.400	0.5825	1.664	1.383
	B	-4.500	0.4442	1.718	1.383
46	A	-4.500	0.4442	1.718	1.255
	B	-4.600	0.3187	1.713	1.255
47	A	-4.600	0.3187	1.713	1.095
	B	-4.700	0.2092	1.641	1.095
48	A	-4.700	0.2092	1.641	1.435
	B	-4.800	0.1161	1.497	1.435
49	A	-4.800	0.1161	1.497	2.210
	B	-4.900	0.3783E-01	1.276	2.210
50	A	-4.900	0.3783E-01	1.276	3.044
	B	-5.000	0.	0.9720	3.044
51	A	-5.000	0.	0.9720	3.044
	B	-5.100	0.	0.7639	3.044
52	A	-5.100	0.	0.7639	3.044
	B	-5.200	0.9397E-01	0.7970	3.044
53	A	-5.200	0.9397E-01	0.7970	3.044
	B	-5.300	0.1970	0.8300	3.044
54	A	-5.300	0.1970	0.8300	3.044
	B	-5.400	0.3016	0.8631	3.044
55	A	-5.400	0.3016	0.8631	3.044
	B	-5.500	0.5498	0.8961	3.044
56	A	-5.500	0.5498	0.8961	3.044
	B	-5.600	0.8542	0.9292	3.044
57	A	-5.600	0.8542	0.9292	3.044
	B	-5.700	1.159	0.9623	3.044
58	A	-5.700	1.159	0.9623	3.044
	B	-5.800	1.463	0.9953	3.044
59	A	-5.800	1.463	0.9953	1.413
	B	-5.900	1.322	1.028	1.413
60	A	-5.900	1.322	1.028	1.413
	B	-6.000	1.180	1.034	1.413
61	A	-6.000	1.180	1.034	2.333
	B	-6.100	1.039	0.8012	2.333
62	A	-6.100	1.039	0.8012	7.044
	B	-6.200	0.8976	0.9683E-01	7.044
63	A	-6.200	0.8976	0.9683E-01	14.21
	B	-6.300	1.324	0.	14.21

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	1.324	0.	6.452
	B	-6.400	1.969	0.	6.452
65	A	-6.400	1.969	0.	1.413
	B	-6.500	2.097	0.9853E-01	1.413
66	A	-6.500	2.097	0.9853E-01	1.797
	B	-6.600	1.918	0.2079	1.797
67	A	-6.600	1.918	0.2079	3.304
	B	-6.700	1.587	0.3093	3.304
68	A	-6.700	1.587	0.3093	3.731
	B	-6.800	1.214	0.3987	3.731
69	A	-6.800	1.214	0.3987	3.538
	B	-6.900	0.8604	0.4724	3.538
70	A	-6.900	0.8604	0.4724	3.025
	B	-7.000	0.5579	0.5577	3.025
71	A	-7.000	0.5579	0.5577	2.385
	B	-7.100	0.3193	0.6649	2.385
72	A	-7.100	0.3193	0.6649	1.745
	B	-7.200	0.1449	0.7721	1.745
73	A	-7.200	0.1449	0.7721	1.175
	B	-7.300	0.2733E-01	0.8793	1.175
74	A	-7.300	0.2733E-01	0.8793	1.072
	B	-7.400	0.	0.9865	1.072
75	A	-7.400	0.	0.9865	1.189
	B	-7.500	0.	1.094	1.189
76	A	-7.500	0.	1.094	1.440
	B	-7.600	0.	1.201	1.440
77	A	-7.600	0.	1.201	1.474
	B	-7.700	0.2430E-01	1.308	1.474
78	A	-7.700	0.2430E-01	1.308	1.595
	B	-7.800	0.1838	1.415	1.595
79	A	-7.800	0.1838	1.415	1.683
	B	-7.900	0.3521	1.523	1.683
80	A	-7.900	0.3521	1.523	1.728
	B	-8.000	0.5249	1.630	1.728
81	A	-8.000	0.5249	1.630	1.712
	B	-8.100	0.6962	1.737	1.712
82	A	-8.100	0.6962	1.737	1.712
	B	-8.200	0.8674	1.844	1.712
83	A	-8.200	0.8674	1.844	1.712
	B	-8.300	1.039	1.951	1.712
84	A	-8.300	1.039	1.951	1.413
	B	-8.400	0.9172	2.059	1.413
85	A	-8.400	0.9172	2.059	1.411
	B	-8.500	0.7959	2.002	1.411
86	A	-8.500	0.7959	2.002	4.877
	B	-8.600	0.6745	1.515	4.877

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	0.6745	1.515	12.17
	B	-8.700	0.5531	0.2980	12.17
88	A	-8.700	0.5531	0.2980	22.64
	B	-8.800	1.966	0.	22.64
89	A	-8.800	1.966	0.	11.01
	B	-8.900	3.067	0.3629E-02	11.01
90	A	-8.900	3.067	0.3629E-02	3.014
	B	-9.000	3.369	0.1234	3.014
91	A	-9.000	3.369	0.1234	1.970
	B	-9.100	3.172	0.2314	1.970
92	A	-9.100	3.172	0.2314	4.639
	B	-9.200	2.708	0.3519	4.639
93	A	-9.200	2.708	0.3519	5.654
	B	-9.300	2.142	0.4851	5.654
94	A	-9.300	2.142	0.4851	5.593
	B	-9.400	1.583	0.6183	5.593
95	A	-9.400	1.583	0.6183	4.981
	B	-9.500	1.085	0.7514	4.981
96	A	-9.500	1.085	0.7514	4.095
	B	-9.600	0.6757	0.8846	4.095
97	A	-9.600	0.6757	0.8846	3.139
	B	-9.700	0.3618	1.018	3.139
98	A	-9.700	0.3618	1.018	2.242
	B	-9.800	0.1376	1.151	2.242
99	A	-9.800	0.1376	1.151	1.474
	B	-9.900	0.	1.284	1.474
100	A	-9.900	0.	1.284	1.332
	B	-10.00	0.3396E-08	1.417	1.332
101	A	-10.00	0.3396E-08	1.417	1.332
	B	-10.10	0.8118E-08	1.550	1.332
102	A	-10.10	0.8118E-08	1.550	1.332
	B	-10.20	0.9381E-08	1.684	1.332
103	A	-10.20	0.9381E-08	1.684	1.332
	B	-10.30	0.8639E-08	1.817	1.332
104	A	-10.30	0.8639E-08	1.817	1.332
	B	-10.40	0.6970E-08	1.950	1.332
105	A	-10.40	0.6970E-08	1.950	1.332
	B	-10.50	0.5086E-08	2.083	1.332
106	A	-10.50	0.5086E-08	2.083	1.332
	B	-10.60	0.3357E-08	2.216	1.332
107	A	-10.60	0.3357E-08	2.216	1.332
	B	-10.70	0.1953E-08	2.349	1.332
108	A	-10.70	0.1953E-08	2.349	1.332
	B	-10.80	0.3183E-05	2.483	1.332
109	A	-10.80	0.3183E-05	2.483	4.434
	B	-10.90	0.6176E-05	2.616	4.434

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	0.6176E-05	2.616	3.752
	B	-11.00	0.7130E-05	2.513	3.752
111	A	-11.00	0.7130E-05	2.513	6.952
	B	-11.10	0.7134E-03	2.352	6.952
112	A	-11.10	0.7134E-03	2.352	16.83
	B	-11.20	0.4278E-02	2.570	16.83
113	A	-11.20	0.4278E-02	2.570	30.91
	B	-11.30	2.955	2.698	30.91
114	A	-11.30	2.955	2.698	14.20
	B	-11.40	4.375	2.730	14.20
115	A	-11.40	4.375	2.730	3.370
	B	-11.50	4.673	2.968	3.370
116	A	-11.50	4.673	2.968	3.771
	B	-11.60	4.296	3.241	3.771
117	A	-11.60	4.296	3.241	7.173
	B	-11.70	3.579	3.147	7.173
118	A	-11.70	3.579	3.147	8.498
	B	-11.80	2.753	2.331	8.498
119	A	-11.80	2.753	2.331	19.31
	B	-11.90	1.960	0.3990	19.31
120	A	-11.90	1.960	0.3990	34.63
	B	-12.00	3.860	0.2441E-06	34.63
121	A	-12.00	3.860	0.2441E-06	15.99
	B	-12.10	5.285	0.3087E-06	15.99
122	A	-12.10	5.285	0.3087E-06	3.966
	B	-12.20	5.452	0.3112E-06	3.966
123	A	-12.20	5.452	0.3112E-06	5.700
	B	-12.30	4.882	0.6843E-04	5.700
124	A	-12.30	4.882	0.6843E-04	9.192
	B	-12.40	3.963	0.9109E-01	9.192
125	A	-12.40	3.963	0.9109E-01	10.06
	B	-12.50	2.957	0.1738	10.06
126	A	-12.50	2.957	0.1738	9.292
	B	-12.60	2.027	0.2012	9.292
127	A	-12.60	2.027	0.2012	7.734
	B	-12.70	1.267	0.1937	7.734
128	A	-12.70	1.267	0.1937	5.915
	B	-12.80	0.6940	0.1671	5.915
129	A	-12.80	0.6940	0.1671	4.168
	B	-12.90	0.2839	0.1324	4.168
130	A	-12.90	0.2839	0.1324	2.681
	B	-13.00	0.1578E-01	0.9722E-01	2.681
131	A	-13.00	0.1578E-01	0.9722E-01	1.548
	B	-13.10	0.8474E-08	0.1715	1.548
132	A	-13.10	0.8474E-08	0.1715	0.7140
	B	-13.20	0.1252E-07	0.2361	0.7140

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	0.1252E-07	0.2361	0.1946
	B	-13.30	0.1331E-07	0.2442	0.1946
134	A	-13.30	0.1331E-07	0.2442	0.2510
	B	-13.40	0.1215E-07	0.2191	0.2510
135	A	-13.40	0.1215E-07	0.2191	0.4094
	B	-13.50	0.1733E-02	0.1782	0.4094
136	A	-13.50	0.1733E-02	0.1782	0.4499
	B	-13.60	0.6423E-02	0.1332	0.4499
137	A	-13.60	0.6423E-02	0.1332	0.4183
	B	-13.70	0.8351E-02	0.9134E-01	0.4183
138	A	-13.70	0.8351E-02	0.9134E-01	0.3481
	B	-13.80	0.8474E-02	0.5700E-01	0.3481
139	A	-13.80	0.8474E-02	0.5700E-01	0.2662
	B	-13.90	0.7552E-02	0.3113E-01	0.2662
140	A	-13.90	0.7552E-02	0.3113E-01	0.1876
	B	-14.00	0.6142E-02	0.1266E-01	0.1876
141	A	-14.00	0.6142E-02	0.1266E-01	0.1206
	B	-14.10	0.4623E-02	0.5957E-03	0.1206
142	A	-14.10	0.4623E-02	0.5957E-03	0.6950E-01
	B	-14.20	0.7642E-02	0.2895E-09	0.6950E-01
143	A	-14.20	0.7642E-02	0.2895E-09	0.3193E-01
	B	-14.30	0.1057E-01	0.5156E-09	0.3193E-01
144	A	-14.30	0.1057E-01	0.5156E-09	0.9160E-02
	B	-14.40	0.1095E-01	0.5883E-09	0.9160E-02
145	A	-14.40	0.1095E-01	0.5883E-09	0.1113E-01
	B	-14.50	0.9836E-02	0.5637E-09	0.1113E-01
146	A	-14.50	0.9836E-02	0.5637E-09	0.1828E-01
	B	-14.60	0.8009E-02	0.4854E-09	0.1828E-01
147	A	-14.60	0.8009E-02	0.4854E-09	0.2010E-01
	B	-14.70	0.5999E-02	0.2229E-03	0.2010E-01
148	A	-14.70	0.5999E-02	0.2229E-03	0.1878E-01
	B	-14.80	0.4120E-02	0.3410E-03	0.1878E-01
149	A	-14.80	0.4120E-02	0.3410E-03	0.1560E-01
	B	-14.90	0.2577E-02	0.3689E-03	0.1560E-01
150	A	-14.90	0.2577E-02	0.3689E-03	0.1183E-01
	B	-15.00	0.1423E-02	0.3416E-03	0.1183E-01
151	A	-15.00	0.1423E-02	0.3416E-03	0.8187E-02
	B	-15.10	0.6149E-03	0.2854E-03	0.8187E-02
152	A	-15.10	0.6149E-03	0.2854E-03	0.5066E-02
	B	-15.20	0.1083E-03	0.2190E-03	0.5066E-02
153	A	-15.20	0.1083E-03	0.2190E-03	0.2657E-02
	B	-15.30	0.	0.2026E-03	0.2657E-02
154	A	-15.30	0.	0.2026E-03	0.8895E-03
	B	-15.40	0.7416E-11	0.2793E-03	0.8895E-03
155	A	-15.40	0.7416E-11	0.2793E-03	0.4400E-03
	B	-15.50	0.9027E-11	0.2409E-03	0.4400E-03

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	0.9027E-11	0.2409E-03	0.9428E-03
	B	-15.60	0.6181E-11	0.1466E-03	0.9428E-03
157	A	-15.60	0.6181E-11	0.1466E-03	0.9794E-03
	B	-15.70	0.2222E-11	0.4869E-04	0.9794E-03
158	A	-15.70	0.2222E-11	0.4869E-04	0.4869E-03
	B	-15.80	0.8674E-18	0.1735E-17	0.4869E-03

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -3.3000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA 0.81993E-04 kN/m
FASE 4 FORZA 1.5045 kN/m
FASE 5 FORZA 1.5045 kN/m
FASE 6 FORZA 1.5262 kN/m
FASE 7 FORZA 1.5262 kN/m
FASE 8 FORZA 1.5257 kN/m
FASE 9 FORZA 1.5257 kN/m
FASE 10 FORZA 1.5257 kN/m
FASE 11 FORZA 4.2222 kN/m

TIRANTE chiodo_2 1 PARETE LeftWall QUOTA -5.8000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 FORZA -0.19732E-07 kN/m
FASE 6 FORZA 2.2777 kN/m
FASE 7 FORZA 2.2777 kN/m
FASE 8 FORZA 2.3332 kN/m
FASE 9 FORZA 2.3340 kN/m
FASE 10 FORZA 2.3341 kN/m
FASE 11 FORZA 4.7428 kN/m

TIRANTE chiodo_3 1 PARETE LeftWall QUOTA -8.3000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 FORZA -0.12344E-07 kN/m
FASE 8 FORZA 2.9590 kN/m
FASE 9 FORZA 2.9590 kN/m
FASE 10 FORZA 2.9995 kN/m
FASE 11 FORZA 3.1138 kN/m

TIRANTE chiodo_4 1 PARETE LeftWall QUOTA -10.800
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo

FASE	5	inattivo	
FASE	6	inattivo	
FASE	7	inattivo	
FASE	8	inattivo	
FASE	9	FORZA -0.93476E-07	kN/m
FASE	10	FORZA 3.5327	kN/m
FASE	11	FORZA 6.5807	kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 11
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.5128E-01	30.00	0.	0.
2	-0.1000	1.200	31.20	0.	0.
3	-0.2000	2.400	32.40	0.	0.
4	-0.3000	3.600	33.60	0.	0.
5	-0.4000	4.800	34.80	0.	0.
6	-0.5000	6.000	36.00	0.	0.
7	-0.6000	7.200	37.20	0.	0.
8	-0.7000	8.400	38.40	0.	0.
9	-0.8000	9.600	39.60	0.	0.
10	-0.9000	10.80	40.80	0.	0.
11	-1.000	12.00	42.00	0.	0.
12	-1.100	13.20	43.20	0.	0.
13	-1.200	14.40	44.40	0.	0.
14	-1.300	15.60	45.60	0.	0.
15	-1.400	16.80	46.80	0.	0.
16	-1.500	18.00	48.00	0.	0.
17	-1.600	19.20	49.20	0.	0.
18	-1.700	20.40	50.40	0.	0.
19	-1.800	21.60	51.60	0.	0.
20	-1.900	22.80	52.80	0.	0.
21	-2.000	24.00	54.00	0.	0.
22	-2.100	25.20	55.20	0.	0.
23	-2.200	26.40	56.40	0.	0.
24	-2.300	27.60	57.60	0.	0.
25	-2.400	28.80	58.80	0.	0.
26	-2.500	30.00	60.00	0.	0.
27	-2.600	31.20	61.20	0.	0.
28	-2.700	32.40	62.40	0.	0.
29	-2.800	33.60	63.60	0.	0.
30	-2.900	34.80	64.80	0.	0.
31	-3.000	36.00	66.00	0.	0.
32	-3.100	37.20	67.20	0.	0.
33	-3.200	38.40	68.40	0.	0.
34	-3.300	39.60	69.60	0.	0.
35	-3.400	40.80	70.80	0.	0.

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	72.00	0.	0.
37	-3.600	43.20	73.20	0.	0.
38	-3.700	44.40	74.40	0.	0.
39	-3.800	45.60	75.60	0.	0.
40	-3.900	46.80	76.80	0.	0.
41	-4.000	48.00	78.00	0.	0.
42	-4.100	49.20	79.20	0.	0.
43	-4.200	50.40	80.40	0.	0.
44	-4.300	51.60	81.60	0.	0.
45	-4.400	53.13	82.80	0.	0.
46	-4.500	54.77	83.79	0.	0.
47	-4.600	56.17	84.78	0.	0.
48	-4.700	57.39	85.76	0.	0.
49	-4.800	58.49	86.75	0.	0.
50	-4.900	59.52	87.73	0.	0.
51	-5.000	122.0	90.00	0.	0.
52	-5.100	124.1	91.35	0.	0.
53	-5.200	126.2	92.70	0.	0.
54	-5.300	128.5	94.05	0.	0.
55	-5.400	130.9	95.40	0.	0.
56	-5.500	133.5	96.75	0.	0.
57	-5.600	136.2	98.10	0.	0.
58	-5.700	138.9	99.45	0.	0.
59	-5.800	141.6	100.8	0.	0.
60	-5.900	144.3	102.2	0.	0.
61	-6.000	147.0	103.5	0.	0.
62	-6.100	149.7	104.8	0.	0.
63	-6.200	152.4	106.2	0.	0.
64	-6.300	155.1	107.6	0.	0.
65	-6.400	157.8	108.9	0.	0.
66	-6.500	160.5	110.2	0.	0.
67	-6.600	163.2	111.6	0.	0.
68	-6.700	165.9	112.9	0.	0.
69	-6.800	169.7	114.3	0.	0.
70	-6.900	174.3	115.7	0.	0.
71	-7.000	177.7	117.0	0.	0.
72	-7.100	180.4	118.3	0.	0.
73	-7.200	182.7	119.7	0.	0.
74	-7.300	184.8	121.1	0.	0.
75	-7.400	186.8	122.4	0.	0.
76	-7.500	188.9	123.8	0.	0.
77	-7.600	191.1	125.1	0.	0.
78	-7.700	193.4	126.4	0.	0.
79	-7.800	195.8	127.8	0.	0.
80	-7.900	198.3	129.1	0.	0.
81	-8.000	201.0	130.5	0.	0.

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	203.7	131.9	0.	0.
83	-8.200	206.4	133.2	0.	0.
84	-8.300	209.1	134.6	0.	0.
85	-8.400	211.8	135.9	0.	0.
86	-8.500	214.5	137.2	0.	0.
87	-8.600	217.2	138.6	0.	0.
88	-8.700	219.9	139.9	0.	0.
89	-8.800	222.6	141.3	0.	0.
90	-8.900	225.3	142.6	0.	0.
91	-9.000	228.0	144.0	0.	0.
92	-9.100	230.7	145.4	0.	0.
93	-9.200	233.4	146.7	0.	0.
94	-9.300	236.3	148.1	0.	0.
95	-9.400	242.2	149.4	0.	0.
96	-9.500	246.4	150.8	0.	0.
97	-9.600	249.5	152.1	0.	0.
98	-9.700	251.9	153.4	0.	0.
99	-9.800	253.9	154.8	0.	0.
100	-9.900	255.7	156.1	0.	0.
101	-10.00	257.5	157.5	0.	0.
102	-10.10	259.4	158.9	0.	0.
103	-10.20	261.5	160.2	0.	0.
104	-10.30	263.7	161.6	0.	0.
105	-10.40	266.0	162.9	0.	0.
106	-10.50	268.5	164.2	0.	0.
107	-10.60	271.2	165.6	0.	0.
108	-10.70	273.9	166.9	0.	0.
109	-10.80	276.6	168.3	0.	0.
110	-10.90	279.3	169.6	0.	0.
111	-11.00	282.0	171.0	0.	0.
112	-11.10	284.7	172.4	0.	0.
113	-11.20	287.4	173.7	0.	0.
114	-11.30	290.1	175.1	0.	0.
115	-11.40	292.8	176.4	0.	0.
116	-11.50	295.5	174.6	0.	0.
117	-11.60	298.2	173.2	0.	0.
118	-11.70	300.9	152.9	0.	0.
119	-11.80	305.0	131.4	0.	0.
120	-11.90	311.2	109.5	0.	0.
121	-12.00	315.3	87.72	0.	0.
122	-12.10	318.1	68.31	0.	0.
123	-12.20	320.1	53.16	0.	0.
124	-12.30	321.8	41.79	0.	0.
125	-12.40	323.3	33.89	0.	0.
126	-12.50	325.8	30.00	0.	0.
127	-12.60	331.6	30.00	0.	0.

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	335.3	30.00	0.	0.
129	-12.80	337.7	30.00	0.	0.
130	-12.90	339.3	30.00	0.	0.
131	-13.00	340.7	30.12	0.	0.
132	-13.10	342.1	30.19	0.	0.
133	-13.20	343.6	30.20	0.	0.
134	-13.30	345.4	30.19	0.	0.
135	-13.40	347.4	30.16	0.	0.
136	-13.50	349.7	30.12	0.	0.
137	-13.60	352.2	30.11	0.	0.
138	-13.70	354.9	30.22	0.	0.
139	-13.80	357.6	30.25	0.	0.
140	-13.90	360.3	30.24	0.	0.
141	-14.00	363.0	30.20	0.	0.
142	-14.10	365.7	30.16	0.	0.
143	-14.20	368.4	30.12	0.	0.
144	-14.30	371.1	30.08	0.	0.
145	-14.40	373.8	30.05	0.	0.
146	-14.50	376.5	30.02	0.	0.
147	-14.60	379.2	30.01	0.	0.
148	-14.70	381.9	30.00	0.	0.
149	-14.80	384.6	30.00	0.	0.
150	-14.90	387.3	30.00	0.	0.
151	-15.00	390.0	30.00	0.	0.
152	-15.10	392.7	30.00	0.	0.
153	-15.20	395.4	30.00	0.	0.
154	-15.30	398.1	30.00	0.	0.
155	-15.40	400.8	30.00	0.	0.
156	-15.50	403.5	30.00	0.	0.
157	-15.60	406.2	30.00	0.	0.
158	-15.70	408.9	30.00	0.	0.
159	-15.80	411.6	30.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 11
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	1.200	0.6000	0.	0.
3	-0.2000	2.400	1.200	0.	0.
4	-0.3000	3.600	1.800	0.	0.
5	-0.4000	4.800	2.400	0.	0.
6	-0.5000	6.000	3.000	0.	0.
7	-0.6000	7.200	3.600	0.	0.
8	-0.7000	8.400	4.200	0.	0.
9	-0.8000	9.600	4.800	0.	0.
10	-0.9000	10.80	5.400	0.	0.
11	-1.000	12.00	6.000	0.	0.
12	-1.100	13.20	6.600	0.	0.
13	-1.200	14.40	7.200	0.	0.
14	-1.300	15.60	7.800	0.	0.
15	-1.400	16.80	8.400	0.	0.
16	-1.500	18.00	9.000	0.	0.
17	-1.600	19.20	9.600	0.	0.
18	-1.700	20.40	10.20	0.	0.
19	-1.800	21.60	10.80	0.	0.
20	-1.900	22.80	11.40	0.	0.
21	-2.000	24.00	12.00	0.	0.
22	-2.100	25.20	12.60	0.	0.
23	-2.200	26.40	13.20	0.	0.
24	-2.300	27.60	13.80	0.	0.
25	-2.400	28.80	14.40	0.	0.
26	-2.500	30.00	15.00	0.	0.
27	-2.600	31.20	15.60	0.	0.
28	-2.700	32.40	16.20	0.	0.
29	-2.800	33.60	16.80	0.	0.
30	-2.900	34.80	17.40	0.	0.
31	-3.000	36.00	18.00	0.	0.
32	-3.100	37.20	18.60	0.	0.
33	-3.200	38.40	19.20	0.	0.
34	-3.300	39.60	19.80	0.	0.
35	-3.400	40.80	20.40	0.	0.

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	21.00	0.	0.
37	-3.600	43.20	21.60	0.	0.
38	-3.700	44.40	22.20	0.	0.
39	-3.800	50.59	25.30	0.	0.
40	-3.900	50.26	23.93	0.	0.
41	-4.000	50.21	24.00	0.	0.
42	-4.100	50.43	24.60	0.	0.
43	-4.200	50.91	25.20	0.	0.
44	-4.300	51.62	25.80	0.	0.
45	-4.400	52.80	26.40	0.	0.
46	-4.500	54.00	27.00	0.	0.
47	-4.600	55.20	27.60	0.	0.
48	-4.700	56.40	28.20	0.	0.
49	-4.800	57.60	28.80	0.	0.
50	-4.900	58.80	29.40	0.	0.
51	-5.000	120.0	44.88	0.	0.
52	-5.100	122.7	45.12	0.	0.
53	-5.200	125.4	45.31	0.	0.
54	-5.300	128.1	45.46	0.	0.
55	-5.400	130.8	45.55	0.	0.
56	-5.500	133.5	45.61	0.	0.
57	-5.600	136.3	45.63	0.	0.
58	-5.700	139.0	45.63	0.	0.
59	-5.800	141.7	45.63	0.	0.
60	-5.900	144.4	45.63	0.	0.
61	-6.000	147.0	45.62	0.	0.
62	-6.100	149.7	45.61	0.	0.
63	-6.200	152.4	45.61	0.	0.
64	-6.300	173.8	86.89	0.	0.
65	-6.400	170.1	83.71	0.	0.
66	-6.500	167.7	81.14	0.	0.
67	-6.600	166.6	79.25	0.	0.
68	-6.700	166.7	77.95	0.	0.
69	-6.800	168.6	77.15	0.	0.
70	-6.900	171.3	76.48	0.	0.
71	-7.000	174.0	76.22	0.	0.
72	-7.100	176.7	76.22	0.	0.
73	-7.200	179.4	76.36	0.	0.
74	-7.300	182.1	76.59	0.	0.
75	-7.400	184.8	76.82	0.	0.
76	-7.500	187.5	77.04	0.	0.
77	-7.600	190.2	77.23	0.	0.
78	-7.700	192.9	77.37	0.	0.
79	-7.800	195.6	77.47	0.	0.
80	-7.900	198.3	77.54	0.	0.
81	-8.000	201.0	77.57	0.	0.

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	203.8	77.58	0.	0.
83	-8.200	206.5	77.59	0.	0.
84	-8.300	209.2	77.58	0.	0.
85	-8.400	211.9	77.58	0.	0.
86	-8.500	214.5	77.57	0.	0.
87	-8.600	217.2	77.57	0.	0.
88	-8.700	219.9	77.56	0.	0.
89	-8.800	253.2	126.6	0.	0.
90	-8.900	246.2	121.7	0.	0.
91	-9.000	240.9	117.7	0.	0.
92	-9.100	237.5	114.7	0.	0.
93	-9.200	235.8	112.5	0.	0.
94	-9.300	236.1	111.1	0.	0.
95	-9.400	238.8	109.9	0.	0.
96	-9.500	241.5	109.3	0.	0.
97	-9.600	244.2	109.2	0.	0.
98	-9.700	246.9	109.3	0.	0.
99	-9.800	249.6	109.6	0.	0.
100	-9.900	252.3	109.9	0.	0.
101	-10.00	255.0	110.3	0.	0.
102	-10.10	257.7	110.6	0.	0.
103	-10.20	260.4	110.9	0.	0.
104	-10.30	263.1	111.1	0.	0.
105	-10.40	265.8	111.2	0.	0.
106	-10.50	268.5	111.3	0.	0.
107	-10.60	271.3	111.3	0.	0.
108	-10.70	274.0	111.4	0.	0.
109	-10.80	276.7	111.4	0.	0.
110	-10.90	279.4	111.4	0.	0.
111	-11.00	282.1	111.3	0.	0.
112	-11.10	284.8	111.3	0.	0.
113	-11.20	287.5	111.3	0.	0.
114	-11.30	349.8	174.9	0.	0.
115	-11.40	332.5	164.9	0.	0.
116	-11.50	319.2	156.9	0.	0.
117	-11.60	309.9	150.9	0.	0.
118	-11.70	304.3	146.8	0.	0.
119	-11.80	303.6	144.2	0.	0.
120	-11.90	306.3	142.0	0.	0.
121	-12.00	384.0	192.0	0.	0.
122	-12.10	361.0	179.2	0.	0.
123	-12.20	343.8	169.2	0.	0.
124	-12.30	331.7	161.8	0.	0.
125	-12.40	324.2	156.7	0.	0.
126	-12.50	322.5	153.1	0.	0.
127	-12.60	325.2	150.6	0.	0.

History 0 - Paratia 2 Sez_D - H = 12.0 m 4 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	327.9	149.6	0.	0.
129	-12.80	330.6	149.7	0.	0.
130	-12.90	333.3	150.3	0.	0.
131	-13.00	336.1	151.1	0.	0.
132	-13.10	338.9	152.0	0.	0.
133	-13.20	341.6	152.8	0.	0.
134	-13.30	344.3	153.5	0.	0.
135	-13.40	347.0	154.0	0.	0.
136	-13.50	349.6	154.3	0.	0.
137	-13.60	352.3	154.5	0.	0.
138	-13.70	355.2	154.6	0.	0.
139	-13.80	357.9	154.7	0.	0.
140	-13.90	360.6	154.7	0.	0.
141	-14.00	363.3	154.6	0.	0.
142	-14.10	365.9	154.6	0.	0.
143	-14.20	368.6	154.6	0.	0.
144	-14.30	371.2	154.5	0.	0.
145	-14.40	373.9	154.5	0.	0.
146	-14.50	376.5	154.5	0.	0.
147	-14.60	379.2	154.5	0.	0.
148	-14.70	381.9	154.5	0.	0.
149	-14.80	384.6	154.5	0.	0.
150	-14.90	387.3	154.5	0.	0.
151	-15.00	390.0	154.5	0.	0.
152	-15.10	392.7	154.5	0.	0.
153	-15.20	395.4	154.5	0.	0.
154	-15.30	398.1	154.5	0.	0.
155	-15.40	400.8	154.5	0.	0.
156	-15.50	403.5	154.5	0.	0.
157	-15.60	406.2	154.5	0.	0.
158	-15.70	408.9	154.5	0.	0.
159	-15.80	411.6	154.5	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3023.6	3023.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3023.6	3023.6
SPINTA ATTIVA (POSSIBILE)	9.1292	9.1292
SPINTA PASSIVA (POSSIBILE)	35863.	35863.
RAPPORTO PASSIVA/VERA	11.861	11.861
SPINTA PASSIVA MOBILITATA	8.%	8.%
RAPPORTO VERA/ATTIVA	331.21	331.21

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2939.9	2939.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2939.9	2939.9
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	22895.
RAPPORTO PASSIVA/VERA	15.335	7.7876
SPINTA PASSIVA MOBILITATA	7.%	13.%
RAPPORTO VERA/ATTIVA	65.826	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2939.9	2939.9
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2939.9	2939.9
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	22895.
RAPPORTO PASSIVA/VERA	15.334	7.7876
SPINTA PASSIVA MOBILITATA	7.%	13.%
RAPPORTO VERA/ATTIVA	65.826	0.10000E+06

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2703.6	2702.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2703.6	2702.2
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	15717.
RAPPORTO PASSIVA/VERA	16.674	5.8164
SPINTA PASSIVA MOBILITATA	6.%	17.%
RAPPORTO VERA/ATTIVA	60.536	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2703.6	2702.2
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2703.6	2702.2
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	15717.
RAPPORTO PASSIVA/VERA	16.674	5.8164
SPINTA PASSIVA MOBILITATA	6.%	17.%
RAPPORTO VERA/ATTIVA	60.536	0.10000E+06

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2239.2	2235.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2239.2	2235.6
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	9434.3
RAPPORTO PASSIVA/VERA	20.133	4.2200
SPINTA PASSIVA MOBILITATA	5.%	24.%
RAPPORTO VERA/ATTIVA	50.137	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2239.2	2235.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2239.2	2235.6
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	9434.3
RAPPORTO PASSIVA/VERA	20.133	4.2200
SPINTA PASSIVA MOBILITATA	5.%	24.%
RAPPORTO VERA/ATTIVA	50.137	0.10000E+06

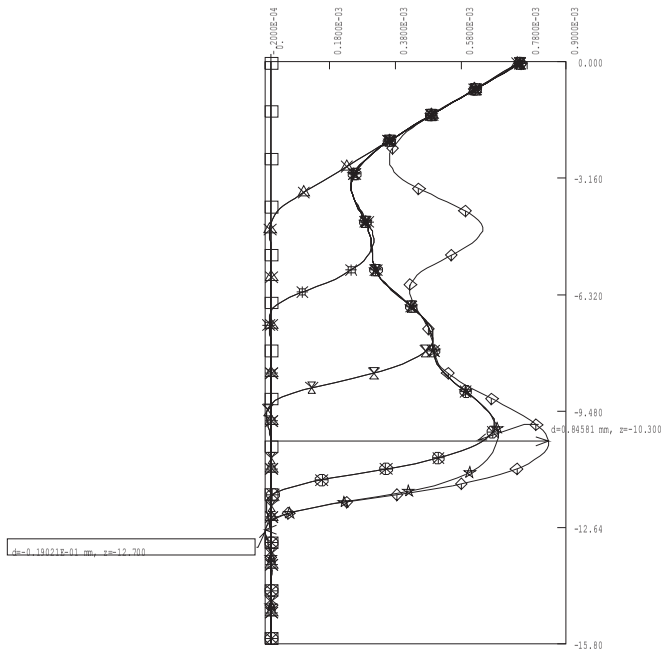
FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1608.9	1602.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1608.9	1602.5
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	4689.3
RAPPORTO PASSIVA/VERA	28.020	2.9263
SPINTA PASSIVA MOBILITATA	4.%	34.%
RAPPORTO VERA/ATTIVA	36.024	0.10000E+06

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1608.9	1602.5
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1608.9	1602.5
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	4689.3
RAPPORTO PASSIVA/VERA	28.020	2.9263
SPINTA PASSIVA MOBILITATA	4.%	34.%
RAPPORTO VERA/ATTIVA	36.024	0.10000E+06

FASE 10 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1405.9	1396.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1405.9	1396.1
SPINTA ATTIVA (POSSIBILE)	44.662	0.
SPINTA PASSIVA (POSSIBILE)	45082.	3636.4
RAPPORTO PASSIVA/VERA	32.067	2.6046
SPINTA PASSIVA MOBILITATA	3.%	38.%
RAPPORTO VERA/ATTIVA	31.478	0.10000E+06

FASE 11 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1412.9	1395.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1412.9	1395.3
SPINTA ATTIVA (POSSIBILE)	127.75	0.
SPINTA PASSIVA (POSSIBILE)	45082.	3636.4
RAPPORTO PASSIVA/VERA	31.907	2.6061
SPINTA PASSIVA MOBILITATA	3.%	38.%
RAPPORTO VERA/ATTIVA	11.060	0.10000E+06

OUTPUT PLOTS:

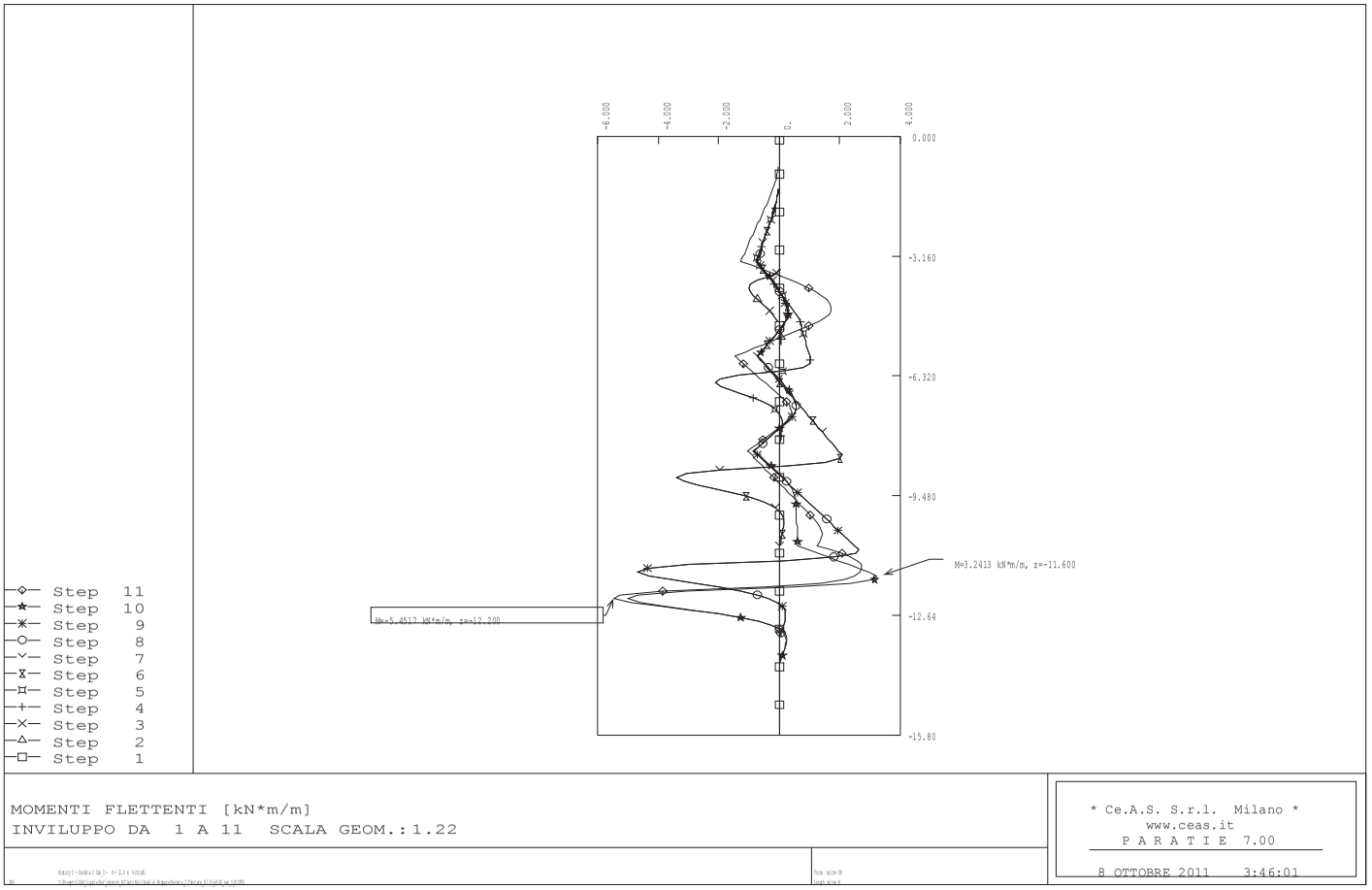


step 11
step 10
step 9
step 8
step 7
step 6
step 5
step 4
step 3
step 2
step 1

FATTORE SCALA:1.29 - FATTORE AMPLIF.:8373.89
DEFORMATA PASSI 1 / 11 [m]

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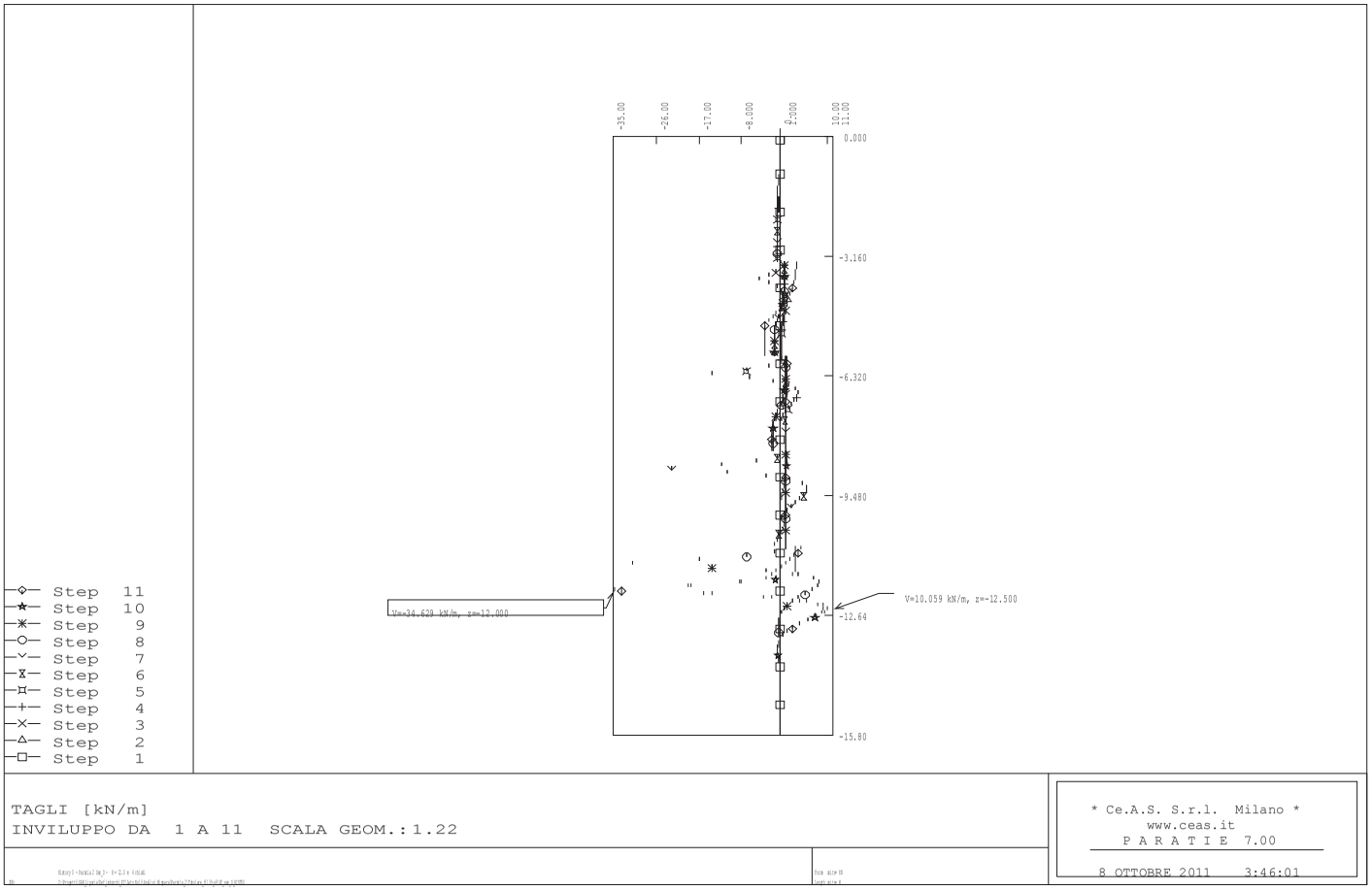
8 OTTOBRE 2011 3:46:01



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 11 SCALA GEOM.: 1.22

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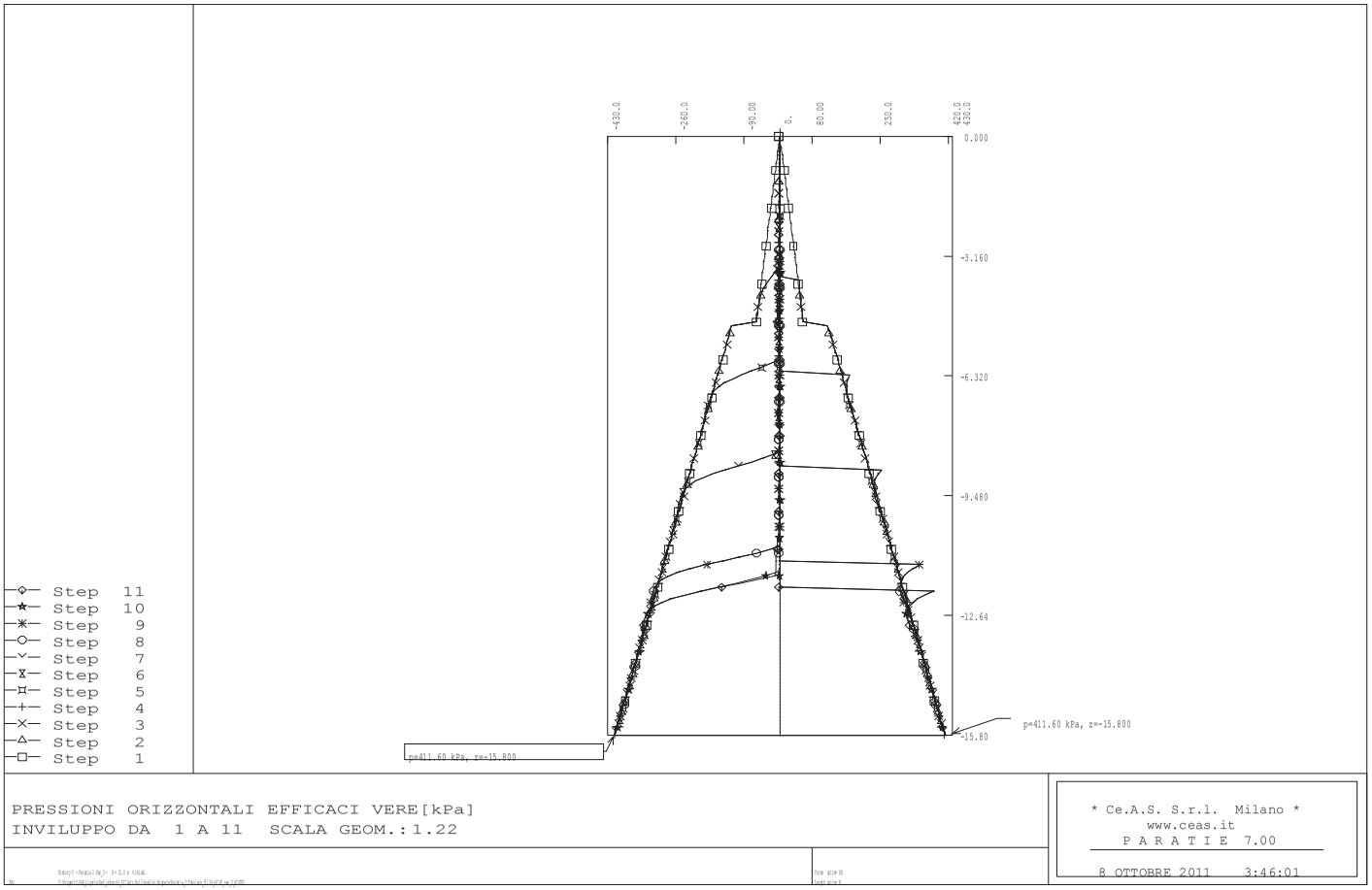
8 OTTOBRE 2011 3:46:01



TAGLI [kN/m]
INVILUPPO DA 1 A 11 SCALA GEOM.: 1.22

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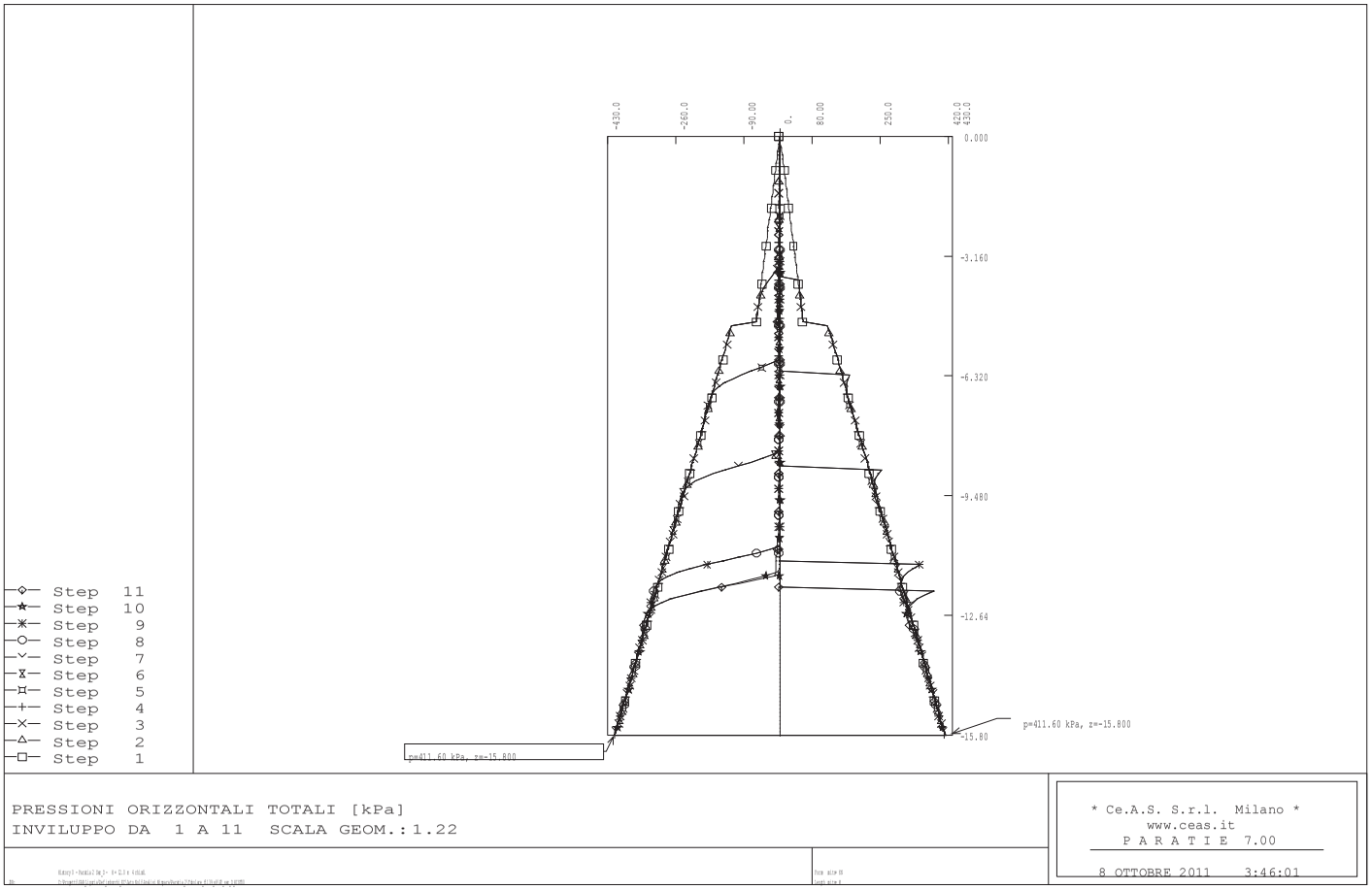
8 OTTOBRE 2011 3:46:01



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 11 SCALA GEOM.:1.22

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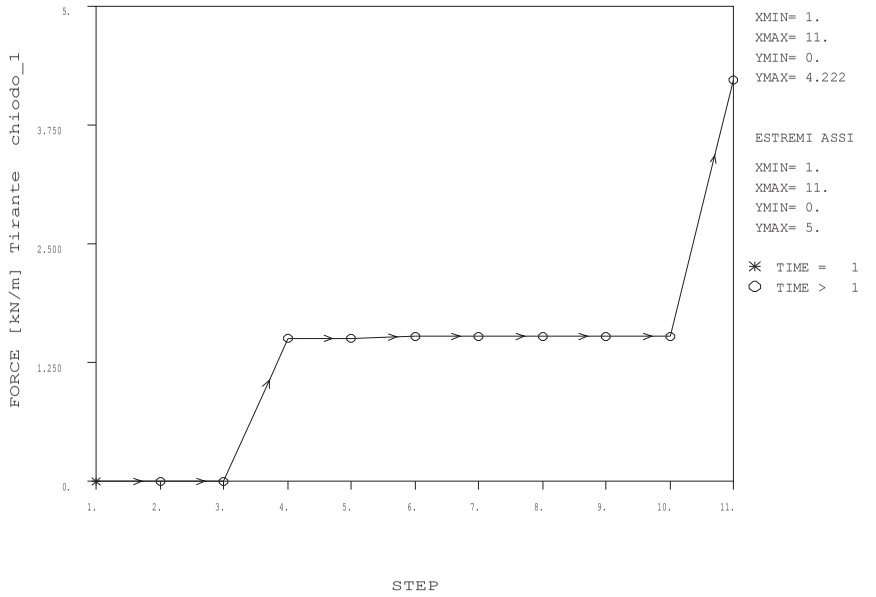
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 11 SCALA GEOM.:1.22

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.8199E-04
4.	1.504
5.	1.504
6.	1.526
7.	1.526
8.	1.526
9.	1.526
10.	1.526
11.	4.222



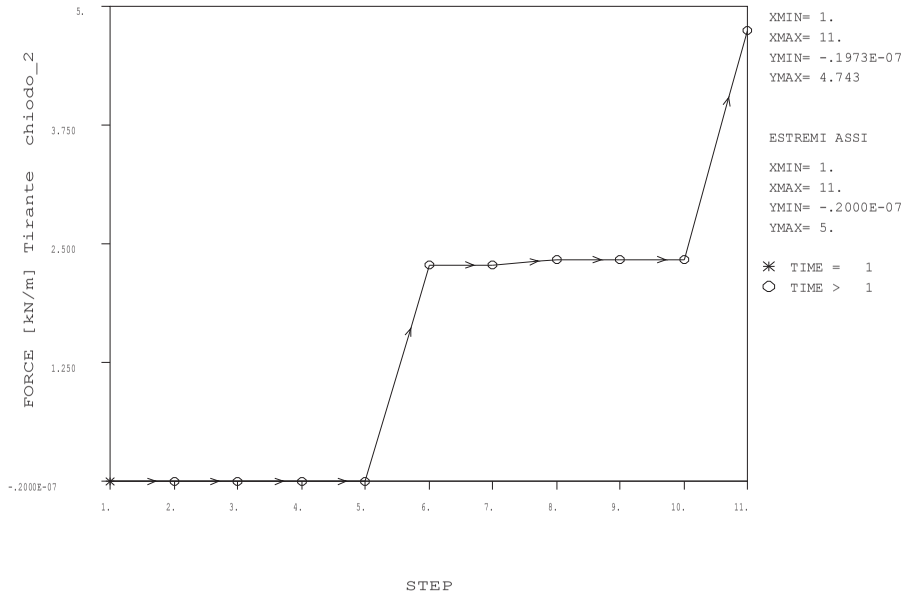
DAL PASSO 1 AL PASSO 11
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.1973E-07
6.	2.278
7.	2.278
8.	2.333
9.	2.334
10.	2.334
11.	4.743



XMIN= 1.
XMAX= 11.
YMIN= -.1973E-07
YMAX= 4.743

ESTREMI ASSI

XMIN= 1.
XMAX= 11.
YMIN= -.2000E-07
YMAX= 5.

✳ TIME = 1
○ TIME > 1

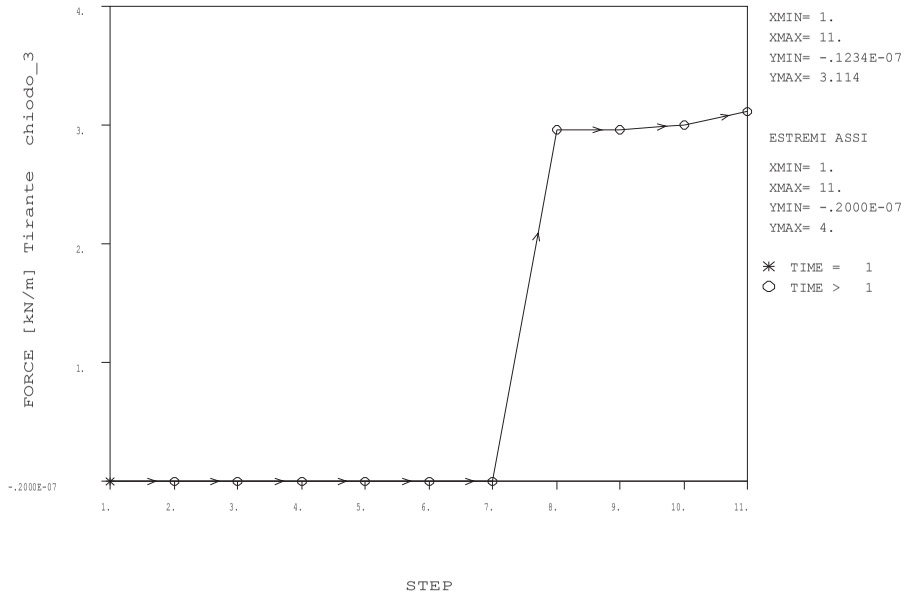
DAL PASSO 1 AL PASO 11
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	-.1234E-07
8.	2.959
9.	2.959
10.	3.000
11.	3.114



XMIN= 1.
XMAX= 11.
YMIN= -.1234E-07
YMAX= 3.114

ESTREMI ASSI

XMIN= 1.
XMAX= 11.
YMIN= -.2000E-07
YMAX= 4.

✳ TIME = 1
○ TIME > 1

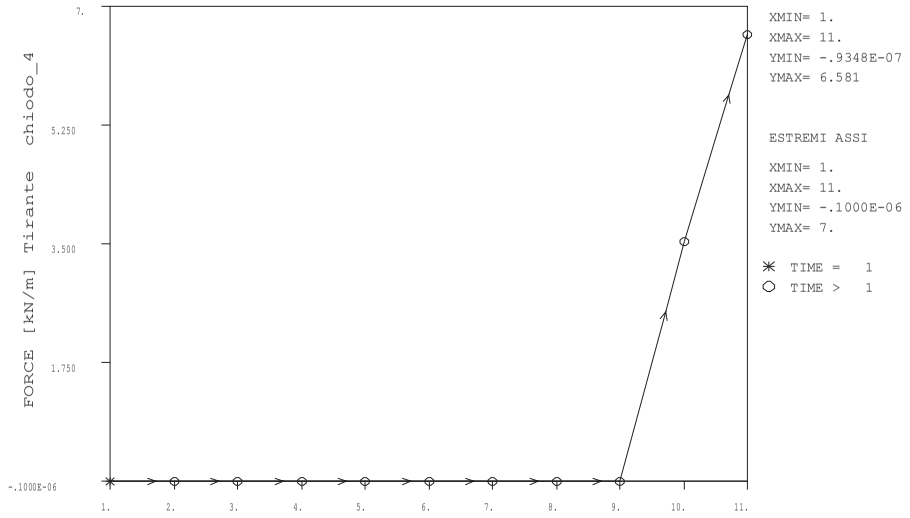
DAL PASSO 1 AL PASSO 11
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_4

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	-.9348E-07
10.	3.533
11.	6.581



XMIN= 1.
XMAX= 11.
YMIN= -.9348E-07
YMAX= 6.581

ESTREMI ASSI

XMIN= 1.
XMAX= 11.
YMIN= -.1000E-06
YMAX= 7.

✳ TIME = 1
○ TIME > 1

DAL PASSO 1 AL PASSO 11
DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice P

P2 - Sezione G – Tabulati di calcolo PARATIE

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

****
**
** P A R A T I E **
**
** RELEASE 7.00 VERSIONE WIN **
**
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
**
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:51:38

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 2 Sez_G -  H = 13.9 m  6 chiodi
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -17.8 0
  15: *
  16: soil UHLeft LeftWall -17.8 0 1 0
  17: soil DHLeft LeftWall -17.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -17.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -1.4 Acciaio_chiodi 7.85E-005 0 20
  25: wire chiodo_2 LeftWall -3.4 Acciaio_chiodi 7.85E-005 0 20
  26: wire chiodo_3 LeftWall -5.9 Acciaio_chiodi 0.000105 0 20
  27: wire chiodo_4 LeftWall -8.4 Acciaio_chiodi 0.000105 0 20
  28: wire chiodo_5 LeftWall -10.9 Acciaio_chiodi 0.000105 0 20
  29: wire chiodo_6 LeftWall -13.4 Acciaio 0.000105 0 20
  30: *
  31: * Soil Profile
  32: *
  33:     ldata          1_ 0
  34:         weight     24 24 0
  35:         atrest     0.5 0 1 0.5
  36:         resistance 35 40 0.178591 11.0616
  37:         young      500000 750000
  38:     endlayer
```

```
  N.  comando

  39:     ldata          2_ -5
  40:         weight     27 27 0
  41:         atrest     1 0 1 1
  42:         resistance 80 38 0.195942 9.11404
  43:         young      2E+006 3E+006
  44:     endlayer
  45: *
  46: step 1 :  geostatica
  47:     setwall LeftWall
  48:         geom 0 0
  49: endstep
  50: *
  51: step 2 :  scavo a  quota -1.9 m+sovraccarico 110 kPa
  52:     setwall LeftWall
  53:         geom 0 -1.9
  54:         surcharge 110 0 0 0
  55: endstep
  56: *
  57: step 3 :  inserimento primo chiodo
  58:     setwall LeftWall
  59:         geom 0 -1.9
  60:         surcharge 110 0 0 0
  61:         add chiodo_1
  62: endstep
  63: *
  64: step 4 :  scavo a quota -3.9 m
  65:     setwall LeftWall
  66:         geom 0 -3.9
  67:         surcharge 110 0 0 0
  68: endstep
  69: *
  70: step 5 :  inserimento secondo chiodo
  71:     setwall LeftWall
  72:         geom 0 -3.9
  73:         surcharge 110 0 0 0
  74:         add chiodo_2
  75: endstep
  76: *
  77: step 6 :  scavo a quota -6.4 m
  78:     setwall LeftWall
  79:         geom 0 -6.4
  80:         surcharge 110 0 0 0
  81: endstep
  82: *
  83: step 7 :  inserimento terzo chiodo
  84:     setwall LeftWall
```

```
  N.  comando

  85:         geom 0 -6.4
  86:         surcharge 110 0 0 0
  87:         add chiodo_3
  88: endstep
  89: *
  90: step 8 :  scavo a quota -8.9 m
  91:     setwall LeftWall
  92:         geom 0 -8.9
  93:         surcharge 110 0 0 0
  94: endstep
  95: *
  96: step 9 :  inserimento quarto chiodo
  97:     setwall LeftWall
  98:         geom 0 -8.9
  99:         surcharge 110 0 0 0
 100:         add chiodo_4
 101: endstep
 102: *
 103: step 10 :  scavo a quota -11.4 m
 104:     setwall LeftWall
 105:         geom 0 -11.4
 106:         surcharge 110 0 0 0
 107: endstep
 108: *
 109: step 11 :  inserimento quinto chiodo
 110:     setwall LeftWall
 111:         geom 0 -11.4
 112:         surcharge 110 0 0 0
 113:         add chiodo_5
 114: endstep
 115: *
 116: step 12 :  scavo a quota -13.9 m
 117:     setwall LeftWall
 118:         geom 0 -13.9
 119:         surcharge 110 0 0 0
 120: endstep
 121: *
 122: step 13 :  inserimento sesto chiodo
 123:     setwall LeftWall
 124:         geom 0 -13.9
 125:         surcharge 110 0 0 0
 126:         add chiodo_6
 127: endstep
 128: *
 129: step 14 :  sisma kh=0.114
 130:     change 2_ U-KA=0.261
```

```
  N.  comando

 131:     change 1_ U-KA=0.24
 132:     setwall LeftWall
 133:         geom 0 -13.9
 134:         surcharge 110 0 0 0
 135: endstep
 136: *
 137: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	= -5.0000	m	
peso fuori falda	= 24.000	kN/m³	
peso efficace in falda	= 24.000	kN/m³	
coesione	= 35.000	kPa	(A MONTE)
angolo di attrito	= 40.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.17859		(A MONTE)
coeff. spinta passiva kp	= 11.062		(A MONTE)
Konc normal consolidato	= 0.50000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 0.50000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.50000E+06	kPa	
modulo el. scarico/ricarico	= 0.75000E+06	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 35.000	kPa	(A VALLE)
angolo di attrito	= 40.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.17859		(A VALLE)
coeff. spinta passiva kp	= 11.062		(A VALLE)

LAYER 2_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= -5.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

coeff. spinta passiva kp = 9.1140 (A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 6

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 7

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 8

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 9

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 10

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 11

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 12

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 13

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 14

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.24000 (A MONTE)

LAYER 2_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -17.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -1.9000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -17.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -1.9000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-3.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-3.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 6

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 7

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-6.4000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 8

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 8

quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 9

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-8.9000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 10

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.400	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 11

RIASSUNTO DATI RELATIVI ALLA FASE 11

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-11.400	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 12

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-13.900	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-17.800	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 13

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-13.900	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	110.00	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m

RIASSUNTO DATI RELATIVI ALLA FASE 13

quota di equil. pressioni dell'acqua	= -17.800	m	
indicatore comportamento acqua	= 0.0000	(1=REMOVE)	
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)	

RIASSUNTO DATI RELATIVI ALLA FASE 14

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -13.900	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 110.00	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -17.800	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL					
Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-17.80	UPHILL	0.
DHLeft	LeftWall	0.	-17.80	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM					
Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-17.80	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-1.400	_	0.7850E-04	0.	20.00
chiodo_2	LeftWall	-3.400	_	0.7850E-04	0.	20.00
chiodo_3	LeftWall	-5.900	_	0.1050E-03	0.	20.00
chiodo_4	LeftWall	-8.400	_	0.1050E-03	0.	20.00
chiodo_5	LeftWall	-10.90	_	0.1050E-03	0.	20.00
chiodo_6	LeftWall	-13.40	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	6	SI
3	2	SI
4	6	SI
5	2	SI
6	7	SI
7	2	SI
8	8	SI
9	2	SI
10	6	SI
11	2	SI
12	8	SI
13	2	SI
14	6	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00
70	0.00000000E+00	0.00000000E+00
71	0.00000000E+00	0.00000000E+00
72	0.00000000E+00	0.00000000E+00
73	0.00000000E+00	0.00000000E+00
74	0.00000000E+00	0.00000000E+00
75	0.00000000E+00	0.00000000E+00
76	0.00000000E+00	0.00000000E+00
77	0.00000000E+00	0.00000000E+00
78	0.00000000E+00	0.00000000E+00
79	0.00000000E+00	0.00000000E+00
80	0.00000000E+00	0.00000000E+00
81	0.00000000E+00	0.00000000E+00
82	0.00000000E+00	0.00000000E+00
83	0.00000000E+00	0.00000000E+00
84	0.00000000E+00	0.00000000E+00
85	0.00000000E+00	0.00000000E+00
86	0.00000000E+00	0.00000000E+00
87	0.00000000E+00	0.00000000E+00
88	0.00000000E+00	0.00000000E+00
89	0.00000000E+00	0.00000000E+00

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.00000000E+00	0.00000000E+00
91	0.00000000E+00	0.00000000E+00
92	0.00000000E+00	0.00000000E+00
93	0.00000000E+00	0.00000000E+00
94	0.00000000E+00	0.00000000E+00
95	0.00000000E+00	0.00000000E+00
96	0.00000000E+00	0.00000000E+00
97	0.00000000E+00	0.00000000E+00
98	0.00000000E+00	0.00000000E+00
99	0.00000000E+00	0.00000000E+00
100	0.00000000E+00	0.00000000E+00
101	0.00000000E+00	0.00000000E+00
102	0.00000000E+00	0.00000000E+00
103	0.00000000E+00	0.00000000E+00
104	0.00000000E+00	0.00000000E+00
105	0.00000000E+00	0.00000000E+00
106	0.00000000E+00	0.00000000E+00
107	0.00000000E+00	0.00000000E+00
108	0.00000000E+00	0.00000000E+00
109	0.00000000E+00	0.00000000E+00
110	0.00000000E+00	0.00000000E+00
111	0.00000000E+00	0.00000000E+00
112	0.00000000E+00	0.00000000E+00
113	0.00000000E+00	0.00000000E+00
114	0.00000000E+00	0.00000000E+00
115	0.00000000E+00	0.00000000E+00
116	0.00000000E+00	0.00000000E+00
117	0.00000000E+00	0.00000000E+00
118	0.00000000E+00	0.00000000E+00
119	0.00000000E+00	0.00000000E+00
120	0.00000000E+00	0.00000000E+00
121	0.00000000E+00	0.00000000E+00
122	0.00000000E+00	0.00000000E+00
123	0.00000000E+00	0.00000000E+00
124	0.00000000E+00	0.00000000E+00
125	0.00000000E+00	0.00000000E+00
126	0.00000000E+00	0.00000000E+00
127	0.00000000E+00	0.00000000E+00
128	0.00000000E+00	0.00000000E+00
129	0.00000000E+00	0.00000000E+00
130	0.00000000E+00	0.00000000E+00
131	0.00000000E+00	0.00000000E+00
132	0.00000000E+00	0.00000000E+00
133	0.00000000E+00	0.00000000E+00
134	0.00000000E+00	0.00000000E+00
135	0.00000000E+00	0.00000000E+00

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.00000000E+00	0.00000000E+00
137	0.00000000E+00	0.00000000E+00
138	0.00000000E+00	0.00000000E+00
139	0.00000000E+00	0.00000000E+00
140	0.00000000E+00	0.00000000E+00
141	0.00000000E+00	0.00000000E+00
142	0.00000000E+00	0.00000000E+00
143	0.00000000E+00	0.00000000E+00
144	0.00000000E+00	0.00000000E+00
145	0.00000000E+00	0.00000000E+00
146	0.00000000E+00	0.00000000E+00
147	0.00000000E+00	0.00000000E+00
148	0.00000000E+00	0.00000000E+00
149	0.00000000E+00	0.00000000E+00
150	0.00000000E+00	0.00000000E+00
151	0.00000000E+00	0.00000000E+00
152	0.00000000E+00	0.00000000E+00
153	0.00000000E+00	0.00000000E+00
154	0.00000000E+00	0.00000000E+00
155	0.00000000E+00	0.00000000E+00
156	0.00000000E+00	0.00000000E+00
157	0.00000000E+00	0.00000000E+00
158	0.00000000E+00	0.00000000E+00
159	0.00000000E+00	0.00000000E+00
160	0.00000000E+00	0.00000000E+00
161	0.00000000E+00	0.00000000E+00
162	0.00000000E+00	0.00000000E+00
163	0.00000000E+00	0.00000000E+00
164	0.00000000E+00	0.00000000E+00
165	0.00000000E+00	0.00000000E+00
166	0.00000000E+00	0.00000000E+00
167	0.00000000E+00	0.00000000E+00
168	0.00000000E+00	0.00000000E+00
169	0.00000000E+00	0.00000000E+00
170	0.00000000E+00	0.00000000E+00
171	0.00000000E+00	0.00000000E+00
172	0.00000000E+00	0.00000000E+00
173	0.00000000E+00	0.00000000E+00
174	0.00000000E+00	0.00000000E+00
175	0.00000000E+00	0.00000000E+00
176	0.00000000E+00	0.00000000E+00
177	0.00000000E+00	0.00000000E+00
178	0.00000000E+00	0.00000000E+00
179	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.11265961E-03	-0.52826868E-04
2	0.10737692E-03	-0.52826868E-04
3	0.10209424E-03	-0.52826868E-04
4	0.96811549E-04	-0.52826868E-04
5	0.91528862E-04	-0.52826868E-04
6	0.86246175E-04	-0.52826868E-04
7	0.80963488E-04	-0.52826868E-04
8	0.75680800E-04	-0.52826868E-04
9	0.70398113E-04	-0.52826868E-04
10	0.65115426E-04	-0.52826868E-04
11	0.59832742E-04	-0.52826868E-04
12	0.54550055E-04	-0.52826868E-04
13	0.49267368E-04	-0.52826868E-04
14	0.43984681E-04	-0.52826868E-04
15	0.38701994E-04	-0.52826868E-04
16	0.33419310E-04	-0.52826868E-04
17	0.28136621E-04	-0.52826868E-04
18	0.22859827E-04	-0.52650092E-04
19	0.17644343E-04	-0.51341114E-04
20	0.12701145E-04	-0.46745907E-04
21	0.84046997E-05	-0.38864564E-04
22	0.49618902E-05	-0.29973487E-04
23	0.23961684E-05	-0.21497415E-04
24	0.62294833E-06	-0.14205105E-04
25	-0.49427445E-06	-0.83954483E-05
26	-0.11056552E-05	-0.40712084E-05
27	-0.13529148E-05	-0.10789274E-05
28	-0.13582581E-05	0.80883194E-06
29	-0.12196056E-05	0.18428750E-05
30	-0.10101912E-05	0.22616750E-05
31	-0.78090284E-06	0.22715064E-05
32	-0.56399921E-06	0.20380598E-05
33	-0.37725437E-06	0.16857078E-05
34	-0.22794758E-06	0.13006569E-05
35	-0.11641364E-06	0.93688641E-06
36	-0.38880078E-07	0.62382264E-06
37	0.10440161E-07	0.37343705E-06
38	0.37918511E-07	0.18638677E-06
39	0.49631964E-07	0.56769938E-07
40	0.50870810E-07	-0.24897545E-07
41	0.45887859E-07	-0.69502903E-07
42	0.37856246E-07	-0.87527752E-07
43	0.28965932E-07	-0.88043883E-07

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20589505E-07	-0.78298939E-07
45	0.13469212E-07	-0.63661943E-07
46	0.78980769E-08	-0.47796110E-07
47	0.38751176E-08	-0.32976438E-07
48	0.12268160E-08	-0.20435957E-07
49	-0.30518774E-09	-0.10688892E-07
50	-0.10066493E-08	-0.38124326E-08
51	-0.11589889E-08	0.32458966E-09
52	-0.10157671E-08	0.22405389E-08
53	-0.75831907E-09	0.27333482E-08
54	-0.49483800E-09	0.24539424E-08
55	-0.27798042E-09	0.18610421E-08
56	-0.12382959E-09	0.12321421E-08
57	-0.28195623E-10	0.70393297E-09
58	0.21817048E-10	0.32152497E-09
59	0.40802743E-10	0.79918114E-10
60	0.41571149E-10	-0.48574395E-10
61	0.33696795E-10	-0.98799059E-10
62	0.23358917E-10	-0.10259635E-09
63	0.13920791E-10	-0.84095633E-10
64	0.67607643E-11	-0.58965714E-10
65	0.20640223E-11	-0.35744557E-10
66	-0.56889882E-12	-0.17945962E-10
67	-0.17230229E-11	-0.60829536E-11
68	-0.19537037E-11	0.73363228E-12
69	-0.16995433E-11	0.38528117E-11
70	-0.12617081E-11	0.46149872E-11
71	-0.81875826E-12	0.41107911E-11
72	-0.45634845E-12	0.31026379E-11
73	-0.19989669E-12	0.20445045E-11
74	-0.41671663E-13	0.11596475E-11
75	0.40243901E-13	0.52112324E-12
76	0.70467497E-13	0.12003446E-12
77	0.70594294E-13	-0.90749341E-13
78	0.56672020E-13	-0.17090137E-12
79	0.38970421E-13	-0.17436135E-12
80	0.23007351E-13	-0.14159327E-12
81	0.10994697E-13	-0.98537260E-13
82	0.31754405E-14	-0.59215003E-13
83	-0.11616104E-14	-0.29291927E-13
84	-0.30204721E-14	-0.94946634E-14
85	-0.33454735E-14	0.17546870E-14
86	-0.28766080E-14	0.67918397E-14
87	-0.21175800E-14	0.79147623E-14
88	-0.13626074E-14	0.69691279E-14
89	-0.75060629E-15	0.52179368E-14

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.32091760E-15	0.34098192E-14
91	-0.58342948E-16	0.19106865E-14
92	0.75432168E-16	0.83792750E-15
93	0.12280102E-15	0.17192263E-15
94	0.12055064E-15	-0.17206396E-15
95	0.95652089E-16	-0.29813482E-15
96	0.65131798E-16	-0.29796200E-15
97	0.38012814E-16	-0.23919554E-15
98	0.17811915E-16	-0.16485241E-15
99	0.47945866E-17	-0.97941652E-16
100	-0.23265125E-17	-0.47533808E-16
101	-0.52934344E-17	-0.14563747E-16
102	-0.57234901E-17	0.38794688E-17
103	-0.48632070E-17	0.11952701E-16
104	-0.35480031E-17	0.13574337E-16
105	-0.22608567E-17	0.11820457E-16
106	-0.12268136E-17	0.87795172E-17
107	-0.50661457E-18	0.56887378E-17
108	-0.70609850E-19	0.31516435E-17
109	0.14812570E-18	0.13468959E-17
110	0.22184886E-18	0.23453450E-18
111	0.21333391E-18	-0.32878783E-18
112	0.16834291E-18	-0.52456165E-18
113	0.11532168E-18	-0.51333231E-18
114	0.68624732E-19	-0.41365457E-18
115	0.33071650E-19	-0.29955035E-18
116	0.81631910E-20	-0.20199028E-18
117	-0.79703553E-20	-0.12374869E-18
118	-0.17172921E-19	-0.63098326E-19
119	-0.21121580E-19	-0.18394758E-19
120	-0.21324645E-19	0.12125593E-19
121	-0.19101885E-19	0.30483211E-19
122	-0.15557190E-19	0.38965241E-19
123	-0.11556611E-19	0.40014051E-19
124	-0.77217108E-20	0.36042915E-19
125	-0.44424442E-20	0.29239293E-19
126	-0.19081562E-20	0.21406534E-19
127	-0.15113198E-21	0.13873932E-19
128	0.90466074E-21	0.74822469E-20
129	0.13967505E-20	0.26335561E-20
130	0.14846700E-20	-0.61619104E-21
131	0.13208290E-20	-0.24464367E-20
132	0.10324558E-20	-0.31644913E-20
133	0.71347731E-21	-0.31161503E-20
134	0.42408728E-21	-0.26219630E-20
135	0.19533918E-21	-0.19401418E-20

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.36253873E-22	-0.12524713E-20
137	-0.58565299E-22	-0.66710708E-21
138	-0.10216229E-21	-0.23158523E-21
139	-0.11001789E-21	0.49870452E-22
140	-0.96593992E-22	0.19915225E-21
141	-0.73471993E-22	0.24989715E-21
142	-0.48731434E-22	0.23713588E-21
143	-0.27156600E-22	0.19102108E-21
144	-0.10891100E-22	0.13398987E-21
145	-0.24379695E-24	0.80403575E-22
146	0.55518307E-23	0.37683734E-22
147	0.77314396E-23	0.81185762E-23
148	0.75820238E-23	-0.92522458E-23
149	0.62007934E-23	-0.17028978E-22
150	0.43939541E-23	-0.18273927E-22
151	0.26707056E-23	-0.15777953E-22
152	0.12910355E-23	-0.11701823E-22
153	0.33492855E-24	-0.74880610E-23
154	-0.22869245E-24	-0.39377692E-23
155	-0.48520137E-24	-0.13647608E-23
156	-0.53408472E-24	0.23504500E-24
157	-0.46482667E-24	0.10358220E-23
158	-0.34574112E-24	0.12719748E-23
159	-0.22175694E-24	0.11683712E-23
160	-0.11740368E-24	0.90466322E-24
161	-0.42045211E-25	0.60432755E-24
162	0.46261931E-26	0.33892280E-24
163	0.27945589E-25	0.13970523E-24
164	0.34919760E-25	0.11063236E-25
165	0.32160211E-25	-0.57519503E-25
166	0.24870764E-25	-0.82455082E-25
167	0.16574057E-25	-0.80244768E-25
168	0.92756368E-26	-0.64419663E-25
169	0.38271221E-26	-0.44484634E-25
170	0.32685499E-27	-0.26105253E-25
171	-0.15333870E-26	-0.11909628E-25
172	-0.22133609E-26	-0.24627157E-26
173	-0.21637580E-26	0.28493627E-26
174	-0.17440642E-26	0.51441689E-26
175	-0.11962764E-26	0.55984091E-26
176	-0.65280464E-27	0.51999804E-26
177	-0.16167820E-27	0.46396126E-26
178	0.28193970E-27	0.42838991E-26
179	0.70358785E-27	0.41827732E-26

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.11265961E-03	-0.52826868E-04
2	0.10737692E-03	-0.52826868E-04
3	0.10209424E-03	-0.52826868E-04
4	0.96811549E-04	-0.52826868E-04
5	0.91528862E-04	-0.52826868E-04
6	0.86246175E-04	-0.52826868E-04
7	0.80963488E-04	-0.52826868E-04
8	0.75680800E-04	-0.52826868E-04
9	0.70398113E-04	-0.52826868E-04
10	0.65115426E-04	-0.52826868E-04
11	0.59832742E-04	-0.52826868E-04
12	0.54550055E-04	-0.52826868E-04
13	0.49267368E-04	-0.52826868E-04
14	0.43984681E-04	-0.52826868E-04
15	0.38701994E-04	-0.52826868E-04
16	0.33419310E-04	-0.52826868E-04
17	0.28136621E-04	-0.52826868E-04
18	0.22859827E-04	-0.52650092E-04
19	0.17644343E-04	-0.51341114E-04
20	0.12701145E-04	-0.46745907E-04
21	0.84046997E-05	-0.38864564E-04
22	0.49618902E-05	-0.29973487E-04
23	0.23961684E-05	-0.21497415E-04
24	0.62294828E-06	-0.14205105E-04
25	-0.49427450E-06	-0.83954492E-05
26	-0.11056554E-05	-0.40712089E-05
27	-0.13529150E-05	-0.10789281E-05
28	-0.13582584E-05	0.80883109E-06
29	-0.12196059E-05	0.18428742E-05
30	-0.10101917E-05	0.22616746E-05
31	-0.78090329E-06	0.22715062E-05
32	-0.56399966E-06	0.20380603E-05
33	-0.37725474E-06	0.16857095E-05
34	-0.22794769E-06	0.13006603E-05
35	-0.11641330E-06	0.93689209E-06
36	-0.38879037E-07	0.62383117E-06
37	0.10442211E-07	0.37344878E-06
38	0.37921897E-07	0.18640178E-06
39	0.49636995E-07	0.56787673E-07
40	0.50877695E-07	-0.24878542E-07
41	0.45896602E-07	-0.69485374E-07
42	0.37866489E-07	-0.87516149E-07
43	0.28976778E-07	-0.88044693E-07

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.20599593E-07	-0.78311984E-07
45	0.13477676E-07	-0.63680453E-07
46	0.79046130E-08	-0.47815561E-07
47	0.38797818E-08	-0.32994112E-07
48	0.12298634E-08	-0.20450486E-07
49	-0.30341443E-09	-0.10699834E-07
50	-0.10057948E-08	-0.38199270E-08
51	-0.11587297E-08	0.32008440E-09
52	-0.10158365E-08	0.22383397E-08
53	-0.75852574E-09	0.27326745E-08
54	-0.49506471E-09	0.24541151E-08
55	-0.27816907E-09	0.18615651E-08
56	-0.12396166E-09	0.12327164E-08
57	-0.28274359E-10	0.70441136E-09
58	0.21779084E-10	0.32186037E-09
59	0.40791356E-10	0.80118641E-10
60	0.41574341E-10	-0.48477188E-10
61	0.33706034E-10	-0.98769576E-10
62	0.23369015E-10	-0.10260427E-09
63	0.13929168E-10	-0.84119316E-10
64	0.67665556E-11	-0.58992269E-10
65	0.20672936E-11	-0.35767830E-10
66	-0.56770002E-12	-0.17964083E-10
67	-0.17233842E-11	-0.60961713E-11
68	-0.19551713E-11	0.72463297E-12
69	-0.17017050E-11	0.38480170E-11
70	-0.12640907E-11	0.46157141E-11
71	-0.82081271E-12	0.41158951E-11
72	-0.45782453E-12	0.31086926E-11
73	-0.20079865E-12	0.20497566E-11
74	-0.42118175E-13	0.11634711E-11
75	0.40107108E-13	0.52353141E-12
76	0.70512274E-13	0.12131679E-12
77	0.70725144E-13	-0.90257473E-13
78	0.56823880E-13	-0.17093882E-12
79	0.39101914E-13	-0.17468413E-12
80	0.23101983E-13	-0.14198148E-12
81	0.11052307E-13	-0.98878181E-13
82	0.32032416E-14	-0.59468069E-13
83	-0.11546089E-14	-0.29457041E-13
84	-0.30262408E-14	-0.95882385E-14
85	-0.33577739E-14	0.17150454E-14
86	-0.28906710E-14	0.67951452E-14
87	-0.21297644E-14	0.79446583E-14
88	-0.13713732E-14	0.70051573E-14
89	-0.75593572E-15	0.52495752E-14

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.32348395E-15	0.34332217E-14
91	-0.58995540E-16	0.19257434E-14
92	0.75924288E-16	0.84605229E-15
93	0.12382411E-15	0.17463696E-15
94	0.12164418E-15	-0.17300371E-15
95	0.96554265E-16	-0.30071750E-15
96	0.65755585E-16	-0.30078386E-15
97	0.38373306E-16	-0.24157576E-15
98	0.17966768E-16	-0.16657763E-15
99	0.48090172E-17	-0.99042404E-16
100	-0.23956968E-17	-0.48126695E-16
101	-0.54009778E-17	-0.14750652E-16
102	-0.58340767E-17	0.39779095E-17
103	-0.49561089E-17	0.12185069E-16
104	-0.36158943E-17	0.13827284E-16
105	-0.23051863E-17	0.12033474E-16
106	-0.12527092E-17	0.89343795E-17
107	-0.51976923E-18	0.57915241E-17
108	-0.75408189E-19	0.32185534E-17
109	0.14871105E-18	0.13886703E-17
110	0.22557383E-18	0.25622589E-18
111	0.21832985E-18	-0.32500973E-18
112	0.17293817E-18	-0.53525658E-18
113	0.11840853E-18	-0.53160360E-18
114	0.69771496E-19	-0.43332952E-18
115	0.32350575E-19	-0.31681690E-18
116	0.59060562E-20	-0.21536601E-18
117	-0.11367950E-19	-0.13327478E-18
118	-0.21357139E-19	-0.69430742E-19
119	-0.25806680E-19	-0.22164109E-19
120	-0.26273964E-19	0.10582476E-19
121	-0.24098057E-19	0.31092869E-19
122	-0.20384344E-19	0.41734609E-19
123	-0.16002502E-19	0.44835309E-19
124	-0.11595918E-19	0.42576954E-19
125	-0.76007898E-20	0.36908253E-19
126	-0.42729933E-20	0.29477767E-19
127	-0.17204200E-20	0.21591781E-19
128	0.61836818E-22	0.14200014E-19
129	0.11562909E-20	0.79094881E-20
130	0.16905471E-20	0.30233421E-20
131	0.18096561E-20	-0.40189956E-21
132	0.16547676E-20	-0.24891292E-20
133	0.13486284E-20	-0.34724141E-20
134	0.98762679E-21	-0.36354398E-20
135	0.63941915E-21	-0.32621049E-20

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.34476443E-21	-0.26020105E-20
137	0.12204867E-21	-0.18509675E-20
138	-0.26918840E-22	-0.11446171E-20
139	-0.11099872E-21	-0.56198592E-21
140	-0.14451600E-21	-0.13535379E-21
141	-0.14321272E-21	0.13698090E-21
142	-0.12150417E-21	0.27778514E-21
143	-0.90951971E-22	0.31970122E-21
144	-0.59725278E-22	0.29677667E-21
145	-0.32759510E-22	0.23896606E-21
146	-0.12326438E-22	0.16932427E-21
147	0.12261349E-23	0.10330617E-21
148	0.87412454E-23	0.49481527E-22
149	0.11634326E-22	0.11013454E-22
150	0.11438317E-22	-0.12623182E-22
151	0.95168819E-23	-0.24044058E-22
152	0.69223302E-23	-0.26680204E-22
153	0.43614920E-23	-0.23896815E-22
154	0.22305354E-23	-0.18486372E-22
155	0.68461126E-24	-0.12464128E-22
156	-0.28337148E-24	-0.70743263E-23
157	-0.77138931E-24	-0.29185840E-23
158	-0.91280841E-24	-0.13444532E-24
159	-0.83905760E-24	0.14263172E-23
160	-0.65881654E-24	0.20489323E-23
161	-0.45004120E-24	0.20484452E-23
162	-0.26058864E-24	0.17041238E-23
163	-0.11359383E-24	0.12284806E-23
164	-0.14617022E-25	0.76110252E-24
165	0.41419521E-25	0.37750971E-24
166	0.64586255E-25	0.10495709E-24
167	0.65978508E-25	-0.60568518E-25
168	0.55356040E-25	-0.13958950E-24
169	0.40075798E-25	-0.15815468E-24
170	0.24921104E-25	-0.14083992E-24
171	0.12453355E-25	-0.10715895E-24
172	0.35894242E-26	-0.70474645E-25
173	-0.17976902E-26	-0.38473803E-25
174	-0.43701053E-26	-0.14416029E-25
175	-0.49552228E-26	0.14119425E-26
176	-0.43162293E-26	0.10384547E-25
177	-0.30391063E-26	0.14533362E-25
178	-0.15027743E-26	0.15885651E-25
179	0.10010457E-27	0.16100358E-25

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.10047446E-03	-0.44530142E-06
2	0.10043559E-03	-0.27525164E-06
3	0.10043784E-03	0.44775672E-06
4	0.10055293E-03	0.20043512E-05
5	0.10086875E-03	0.44623002E-05
6	0.10147544E-03	0.78216044E-05
7	0.10246312E-03	0.12082262E-04
8	0.10392194E-03	0.17244276E-04
9	0.10594202E-03	0.23307643E-04
10	0.10861351E-03	0.30272366E-04
11	0.11202654E-03	0.38138442E-04
12	0.11627124E-03	0.46905872E-04
13	0.12143776E-03	0.56574660E-04
14	0.12761622E-03	0.67144800E-04
15	0.13489676E-03	0.78616293E-04
16	0.14330779E-03	0.89136935E-04
17	0.15263072E-03	0.96854514E-04
18	0.16258525E-03	0.10176902E-03
19	0.17289109E-03	0.10388046E-03
20	0.18326791E-03	0.10318884E-03
21	0.19343542E-03	0.99694153E-04
22	0.20311330E-03	0.93396397E-04
23	0.21202126E-03	0.84295578E-04
24	0.21987899E-03	0.72391696E-04
25	0.22640616E-03	0.57684741E-04
26	0.23132404E-03	0.40220988E-04
27	0.23436344E-03	0.20149655E-04
28	0.23527580E-03	-0.22666513E-05
29	0.23384448E-03	-0.26651926E-04
30	0.22989610E-03	-0.52516778E-04
31	0.22331190E-03	-0.79258418E-04
32	0.21403906E-03	-0.10616069E-03
33	0.20210206E-03	-0.13239401E-03
34	0.18761399E-03	-0.15701543E-03
35	0.17078791E-03	-0.17896861E-03
36	0.15194820E-03	-0.19708382E-03
37	0.13154186E-03	-0.21007792E-03
38	0.11014987E-03	-0.21655440E-03
39	0.88517947E-04	-0.21442186E-03
40	0.67678229E-04	-0.19990744E-03
41	0.48910300E-04	-0.17417764E-03
42	0.33011271E-04	-0.14339076E-03
43	0.20256450E-04	-0.11187489E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.10566992E-04	-0.82438040E-04
45	0.36459448E-05	-0.56688081E-04
46	-0.91748439E-06	-0.35343935E-04
47	-0.35737064E-05	-0.18525710E-04
48	-0.47663029E-05	-0.60177808E-05
49	-0.49084151E-05	0.25555796E-05
50	-0.43718055E-05	0.76303895E-05
51	-0.34850116E-05	0.96249623E-05
52	-0.25221464E-05	0.93595363E-05
53	-0.16526315E-05	0.79082974E-05
54	-0.95512814E-06	0.60178209E-05
55	-0.44816292E-06	0.41544768E-05
56	-0.11499387E-06	0.25683016E-05
57	0.77926735E-07	0.13550069E-05
58	0.16841642E-06	0.51397967E-06
59	0.19140407E-06	-0.66056938E-08
60	0.17530434E-06	-0.28091966E-06
61	0.14090941E-06	-0.38455531E-06
62	0.10190971E-06	-0.38269775E-06
63	0.66217794E-07	-0.32540211E-06
64	0.37521968E-07	-0.24732606E-06
65	0.16732457E-07	-0.16985386E-06
66	0.31595375E-08	-0.10413141E-06
67	-0.46177062E-08	-0.54125412E-07
68	-0.81804084E-08	-0.19565332E-07
69	-0.89693586E-08	0.18371749E-08
70	-0.81493523E-08	0.13148313E-07
71	-0.65740577E-08	0.17428601E-07
72	-0.48102544E-08	0.17310233E-07
73	-0.31907934E-08	0.14828395E-07
74	-0.18756809E-08	0.11413392E-07
75	-0.90903135E-09	0.79709004E-08
76	-0.26584718E-09	0.49980211E-08
77	0.11298783E-09	0.26975897E-08
78	0.29658145E-09	0.10844787E-08
79	0.34988495E-09	0.71409482E-10
80	0.32642300E-09	-0.47486981E-09
81	0.26582420E-09	-0.69375339E-09
82	0.19451672E-09	-0.70730544E-09
83	0.12804499E-09	-0.61040101E-09
84	0.73902467E-10	-0.46951781E-09
85	0.34220099E-10	-0.32627476E-09
86	0.79845687E-11	-0.20292029E-09
87	-0.73109609E-11	-0.10797587E-09
88	-0.14564029E-10	-0.41634161E-10
89	-0.16460741E-10	0.19087538E-13

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.15198291E-10	0.22529947E-10
91	-0.12404191E-10	0.31557656E-10
92	-0.91717311E-11	0.32036217E-10
93	-0.61533621E-11	0.27822323E-10
94	-0.36723710E-11	0.21655296E-10
95	-0.18288637E-11	0.15291449E-10
96	-0.58786477E-12	0.97140950E-11
97	0.15429620E-12	0.53469694E-11
98	0.52389191E-12	0.22507285E-11
99	0.64199953E-12	0.28121708E-12
100	0.60968347E-12	-0.80184942E-12
101	0.50257910E-12	-0.12564320E-11
102	0.37170562E-12	-0.13117572E-11
103	0.24753024E-12	-0.11480056E-11
104	0.14515315E-12	-0.89279490E-12
105	0.69322301E-13	-0.62705261E-12
106	0.18621411E-13	-0.39494701E-12
107	-0.11384920E-13	-0.21437607E-12
108	-0.26025164E-13	-0.86945960E-13
109	-0.30322478E-13	-0.59668092E-14
110	-0.28431152E-13	0.38633522E-13
111	-0.23458328E-13	0.57357202E-13
112	-0.17513094E-13	0.59479406E-13
113	-0.11871710E-13	0.52323719E-13
114	-0.71825311E-14	0.41142620E-13
115	-0.36638347E-14	0.29342038E-13
116	-0.12701481E-14	0.18860723E-13
117	0.18124144E-15	0.10567353E-13
118	0.92177873E-15	0.46276713E-14
119	0.11772989E-14	0.80368683E-15
120	0.11386190E-14	-0.13372115E-14
121	0.95004941E-15	-0.22723272E-14
122	0.70999742E-15	-0.24321259E-14
123	0.47806407E-15	-0.21587291E-14
124	0.28452946E-15	-0.16969967E-14
125	0.13970294E-15	-0.12041176E-14
126	0.41829336E-16	-0.76753642E-15
127	-0.16917554E-16	-0.42435170E-15
128	-0.46329337E-16	-0.17981699E-15
129	-0.55791757E-16	-0.22606512E-16
130	-0.53153339E-16	0.65522955E-16
131	-0.44340868E-16	0.10404146E-15
132	-0.33417978E-16	0.11037209E-15
133	-0.22876421E-16	0.98403642E-16
134	-0.14012148E-16	0.78188222E-16
135	-0.72940042E-17	0.56315945E-16

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.26770691E-17	0.36600357E-16
137	0.15726532E-18	0.20820720E-16
138	0.16326390E-17	0.94080115E-17
139	0.21717443E-17	0.19816052E-17
140	0.21356186E-17	-0.22450416E-17
141	0.18000186E-17	-0.41532102E-17
142	0.13554052E-17	-0.45485214E-17
143	0.91863680E-18	-0.40941598E-17
144	0.54912168E-18	-0.32633468E-17
145	0.26876827E-18	-0.23485072E-17
146	0.76312989E-19	-0.15268846E-17
147	-0.42409440E-19	-0.87928586E-18
148	-0.10576990E-18	-0.41845878E-18
149	-0.13143534E-18	-0.11765597E-18
150	-0.13342233E-18	0.59509545E-19
151	-0.12241884E-18	0.15011273E-18
152	-0.10501129E-18	0.19237087E-18
153	-0.84926045E-19	0.20518775E-18
154	-0.64669103E-19	0.19714371E-18
155	-0.45946258E-19	0.17563093E-18
156	-0.29789449E-19	0.14672225E-18
157	-0.16690553E-19	0.11515121E-18
158	-0.67326140E-20	0.84377993E-19
159	0.28880160E-21	0.56717474E-19
160	0.47592127E-20	0.33506915E-19
161	0.71567828E-20	0.15294311E-19
162	0.79830490E-20	0.20309429E-20
163	0.77125480E-20	-0.67451389E-20
164	0.67598989E-20	-0.11744896E-19
165	0.54620424E-20	-0.13790439E-19
166	0.40727659E-20	-0.13707338E-19
167	0.27664506E-20	-0.12247961E-19
168	0.16479925E-20	-0.10044030E-19
169	0.76616130E-21	-0.75846008E-20
170	0.12810023E-21	-0.52143337E-20
171	-0.28678388E-21	-0.31464210E-20
172	-0.51472031E-21	-0.14845983E-20
173	-0.59792264E-21	-0.24934782E-21
174	-0.57759850E-21	0.59564385E-21
175	-0.48949544E-21	0.11195882E-20
176	-0.36163330E-21	0.14049588E-20
177	-0.21375331E-21	0.15328402E-20
178	-0.57983233E-22	0.15731830E-20
179	0.99741970E-22	0.15792866E-20

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.10035088E-03	-0.17293587E-06
2	0.10033896E-03	-0.11846813E-07
3	0.10036647E-03	0.68823334E-06
4	0.10050415E-03	0.22148058E-05
5	0.10083941E-03	0.46405548E-05
6	0.10146234E-03	0.79686770E-05
7	0.10246328E-03	0.12200909E-04
8	0.10393267E-03	0.17337779E-04
9	0.10596098E-03	0.23378845E-04
10	0.10863857E-03	0.30323663E-04
11	0.11205584E-03	0.38172235E-04
12	0.11630314E-03	0.46924561E-04
13	0.12147088E-03	0.56580640E-04
14	0.12764940E-03	0.67140470E-04
15	0.13492910E-03	0.78604062E-04
16	0.14333858E-03	0.89118570E-04
17	0.15265941E-03	0.96831165E-04
18	0.16261141E-03	0.10174185E-03
19	0.17291438E-03	0.10385062E-03
20	0.18328814E-03	0.10315749E-03
21	0.19345248E-03	0.99662437E-04
22	0.20312723E-03	0.93365481E-04
23	0.21203217E-03	0.84266605E-04
24	0.21988715E-03	0.72365823E-04
25	0.22641194E-03	0.57662797E-04
26	0.23132782E-03	0.40203216E-04
27	0.23436565E-03	0.20135914E-04
28	0.23527684E-03	-0.22767458E-05
29	0.23384466E-03	-0.26658894E-04
30	0.22989571E-03	-0.52521187E-04
31	0.22331117E-03	-0.79260833E-04
32	0.21403817E-03	-0.10616161E-03
33	0.20210113E-03	-0.13239389E-03
34	0.18761311E-03	-0.15701466E-03
35	0.17078714E-03	-0.17896747E-03
36	0.15194755E-03	-0.19708254E-03
37	0.13154132E-03	-0.21007664E-03
38	0.11014946E-03	-0.21655321E-03
39	0.88517649E-04	-0.21442083E-03
40	0.67678033E-04	-0.19990659E-03
41	0.48910180E-04	-0.17417697E-03
42	0.33011205E-04	-0.14339027E-03
43	0.20256426E-04	-0.11187454E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.10566997E-04	-0.82437815E-04
45	0.36459664E-05	-0.56687964E-04
46	-0.91745471E-06	-0.35343892E-04
47	-0.35736750E-05	-0.18525716E-04
48	-0.47662738E-05	-0.60178186E-05
49	-0.49083906E-05	0.25555250E-05
50	-0.43717869E-05	0.76303304E-05
51	-0.34849986E-05	0.96249078E-05
52	-0.25221384E-05	0.93594927E-05
53	-0.16526272E-05	0.79082665E-05
54	-0.95512644E-06	0.60177999E-05
55	-0.44816284E-06	0.41544649E-05
56	-0.11499464E-06	0.25682962E-05
57	0.77925648E-07	0.13550056E-05
58	0.16841534E-06	0.51398075E-06
59	0.19140315E-06	-0.66035737E-08
60	0.17530364E-06	-0.28091731E-06
61	0.14090894E-06	-0.38455323E-06
62	0.10190943E-06	-0.38269610E-06
63	0.66217659E-07	-0.32540095E-06
64	0.37521922E-07	-0.24732532E-06
65	0.16732468E-07	-0.16985345E-06
66	0.31595755E-08	-0.10413125E-06
67	-0.46176600E-08	-0.54125394E-07
68	-0.81803648E-08	-0.19565393E-07
69	-0.89693222E-08	0.18370834E-08
70	-0.81493265E-08	0.13148219E-07
71	-0.65740400E-08	0.17428519E-07
72	-0.48102438E-08	0.17310171E-07
73	-0.31907883E-08	0.14828351E-07
74	-0.18756794E-08	0.11413364E-07
75	-0.90903179E-09	0.79708853E-08
76	-0.26584865E-09	0.49980153E-08
77	0.11298605E-09	0.26975890E-08
78	0.29657979E-09	0.10844812E-08
79	0.34988362E-09	0.71413063E-10
80	0.32642203E-09	-0.47486615E-09
81	0.26582356E-09	-0.69375028E-09
82	0.19451635E-09	-0.70730305E-09
83	0.12804482E-09	-0.61039940E-09
84	0.73902426E-10	-0.46951681E-09
85	0.34220130E-10	-0.32627423E-09
86	0.79846347E-11	-0.20292010E-09
87	-0.73108871E-11	-0.10797589E-09
88	-0.14563963E-10	-0.41634279E-10
89	-0.16460689E-10	0.18938378E-13

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	-0.15198254E-10	0.22529803E-10
91	-0.12404166E-10	0.31557534E-10
92	-0.91717172E-11	0.32036127E-10
93	-0.61533560E-11	0.27822262E-10
94	-0.36723697E-11	0.21655259E-10
95	-0.18288652E-11	0.15291430E-10
96	-0.58786743E-12	0.97140889E-11
97	0.15429335E-12	0.53469703E-11
98	0.52388936E-12	0.22507332E-11
99	0.64199758E-12	0.28122304E-12
100	0.60968212E-12	-0.80184373E-12
101	0.50257828E-12	-0.12564275E-11
102	0.37170519E-12	-0.13117539E-11
103	0.24753005E-12	-0.11480034E-11
104	0.14515316E-12	-0.89279360E-12
105	0.69322403E-13	-0.62705196E-12
106	0.18621547E-13	-0.39494682E-12
107	-0.11384782E-13	-0.21437616E-12
108	-0.26025043E-13	-0.86946197E-13
109	-0.30322384E-13	-0.59670896E-14
110	-0.28431084E-13	0.38633257E-13
111	-0.23458286E-13	0.57356992E-13
112	-0.17513070E-13	0.59479263E-13
113	-0.11871695E-13	0.52323634E-13
114	-0.71825234E-14	0.41142586E-13
115	-0.36638283E-14	0.29342041E-13
116	-0.12701401E-14	0.18860752E-13
117	0.18125273E-15	0.10567387E-13
118	0.92179303E-15	0.46276984E-14
119	0.11773156E-14	0.80370626E-15
120	0.11386372E-14	-0.13372013E-14
121	0.95006826E-15	-0.22723224E-14
122	0.71001674E-15	-0.24321219E-14
123	0.47808366E-15	-0.21587270E-14
124	0.28454918E-15	-0.16969973E-14
125	0.13972228E-15	-0.12041263E-14
126	0.41847117E-16	-0.76755934E-15
127	-0.16902764E-16	-0.42438773E-15
128	-0.46318534E-16	-0.17985939E-15
129	-0.55785325E-16	-0.22651519E-16
130	-0.53151483E-16	0.65477010E-16
131	-0.44343455E-16	0.10399949E-15
132	-0.33424277E-16	0.11034116E-15
133	-0.22884853E-16	0.98393981E-16
134	-0.14020167E-16	0.78206261E-16
135	-0.72989466E-17	0.56358178E-16

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	-0.26769701E-17	0.36656932E-16
137	0.16321499E-18	0.20878935E-16
138	0.16439750E-17	0.94556827E-17
139	0.21869197E-17	0.20094763E-17
140	0.21523515E-17	-0.22422935E-17
141	0.18157071E-17	-0.41766773E-17
142	0.13675324E-17	-0.45955694E-17
143	0.92509388E-18	-0.41594434E-17
144	0.54842400E-18	-0.33399092E-17
145	0.26016673E-18	-0.24287344E-17
146	0.59816383E-19	-0.16033808E-17
147	-0.66098135E-19	-0.94568799E-18
148	-0.13539155E-18	-0.47010525E-18
149	-0.16537034E-18	-0.15205710E-18
150	-0.16988327E-18	0.43582356E-19
151	-0.15953664E-18	0.15273846E-18
152	-0.14100719E-18	0.21174588E-18
153	-0.11827392E-18	0.23816001E-18
154	-0.94201138E-19	0.23979576E-18
155	-0.70901696E-19	0.22382357E-18
156	-0.49813421E-19	0.19654150E-18
157	-0.31794370E-19	0.16323011E-18
158	-0.17228348E-19	0.12809025E-18
159	-0.61328197E-20	0.94255473E-19
160	0.17376044E-20	0.63866421E-19
161	0.67975821E-20	0.38190877E-19
162	0.95510199E-20	0.17772539E-19
163	0.10526696E-19	0.25923988E-20
164	0.10230043E-19	-0.77714346E-20
165	0.91103702E-20	-0.13996437E-19
166	0.75418459E-20	-0.16888732E-19
167	0.58159594E-20	-0.17280965E-19
168	0.41428747E-20	-0.15956553E-19
169	0.26590729E-20	-0.13599418E-19
170	0.14388536E-20	-0.10766410E-19
171	0.50761965E-21	-0.78785391E-20
172	-0.14471238E-21	-0.52264119E-20
173	-0.55136111E-21	-0.29852355E-20
174	-0.75812577E-21	-0.12350484E-20
175	-0.81495668E-21	0.17562584E-22
176	-0.76964592E-21	0.81919340E-21
177	-0.66338446E-21	0.12528294E-20
178	-0.52777475E-21	0.14256240E-20
179	-0.38282662E-21	0.14614100E-20

STEP DI CARICO NO. 6

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.99390039E-04	-0.77818268E-05
2	0.98617631E-04	-0.76087599E-05
3	0.97888485E-04	-0.68298323E-05
4	0.97284930E-04	-0.50528465E-05
5	0.96918513E-04	-0.20580567E-05
6	0.96920325E-04	0.23468874E-05
7	0.97442418E-04	0.83876648E-05
8	0.98660814E-04	0.16317072E-04
9	0.10077778E-03	0.26404816E-04
10	0.10402276E-03	0.38922019E-04
11	0.10865150E-03	0.54119100E-04
12	0.11494263E-03	0.72197749E-04
13	0.12319107E-03	0.93276765E-04
14	0.13369770E-03	0.11734717E-03
15	0.14675879E-03	0.14436609E-03
16	0.16259984E-03	0.17225290E-03
17	0.18116894E-03	0.19892699E-03
18	0.20234482E-03	0.22438838E-03
19	0.22600619E-03	0.24863705E-03
20	0.25203181E-03	0.27167302E-03
21	0.28030036E-03	0.29349627E-03
22	0.31069064E-03	0.31410679E-03
23	0.34308131E-03	0.33350461E-03
24	0.37735113E-03	0.35168970E-03
25	0.41337882E-03	0.36866209E-03
26	0.45104467E-03	0.38446803E-03
27	0.49023854E-03	0.39925674E-03
28	0.53087086E-03	0.41329084E-03
29	0.57288405E-03	0.42694630E-03
30	0.61626383E-03	0.44071255E-03
31	0.66105038E-03	0.45519238E-03
32	0.70734997E-03	0.47110190E-03
33	0.75534603E-03	0.48927072E-03
34	0.80531085E-03	0.51064184E-03
35	0.85761637E-03	0.53627149E-03
36	0.91230526E-03	0.55410474E-03
37	0.96777937E-03	0.55220001E-03
38	0.10221339E-02	0.53195376E-03
39	0.10736091E-02	0.49487589E-03
40	0.11206021E-02	0.44258975E-03
41	0.11616780E-02	0.37683200E-03
42	0.11955812E-02	0.29945269E-03
43	0.12212466E-02	0.21241533E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12378115E-02	0.11779675E-03
45	0.12446262E-02	0.17787213E-04
46	0.12412660E-02	-0.85309643E-04
47	0.12275419E-02	-0.18907677E-03
48	0.12035127E-02	-0.29098379E-03
49	0.11694954E-02	-0.38838686E-03
50	0.11260774E-02	-0.47852876E-03
51	0.10741273E-02	-0.55853894E-03
52	0.10147560E-02	-0.62695373E-03
53	0.94912306E-03	-0.68377313E-03
54	0.87838795E-03	-0.72899717E-03
55	0.80371014E-03	-0.76262583E-03
56	0.72624930E-03	-0.78465912E-03
57	0.64716488E-03	-0.79509697E-03
58	0.56761643E-03	-0.79393951E-03
59	0.48876344E-03	-0.78118662E-03
60	0.41176559E-03	-0.75683836E-03
61	0.33778232E-03	-0.72089472E-03
62	0.26797317E-03	-0.67335565E-03
63	0.20349769E-03	-0.61422127E-03
64	0.14554050E-03	-0.54273935E-03
65	0.95607713E-04	-0.45152073E-03
66	0.55715191E-04	-0.34593686E-03
67	0.26266633E-04	-0.24496412E-03
68	0.62314566E-05	-0.15871864E-03
69	-0.60922889E-05	-0.90928930E-04
70	-0.12562932E-04	-0.41397296E-04
71	-0.14908844E-04	-0.79785314E-05
72	-0.14596038E-04	0.12318244E-04
73	-0.12775475E-04	0.22706630E-04
74	-0.10285597E-04	0.26168434E-04
75	-0.76889301E-05	0.25215952E-04
76	-0.53242811E-05	0.21807258E-04
77	-0.33621004E-05	0.17359911E-04
78	-0.18553816E-05	0.12820088E-04
79	-0.78243301E-06	0.87497556E-05
80	-0.80868510E-07	0.54162801E-05
81	0.32753235E-06	0.28840850E-05
82	0.52088274E-06	0.10999171E-05
83	0.56873529E-06	-0.47664972E-07
84	0.52800948E-06	-0.69545581E-06
85	0.44171293E-06	-0.98118278E-06
86	0.33978205E-06	-0.10266353E-05
87	0.24112339E-06	-0.92996225E-06
88	0.15609531E-06	-0.76411789E-06
89	0.88942706E-07	-0.57898694E-06

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.39918199E-07	-0.40524779E-06
91	0.69857338E-08	-0.25873118E-06
92	-0.12912500E-07	-0.14474847E-06
93	-0.23016199E-07	-0.62332909E-07
94	-0.26297172E-07	-0.74600717E-08
95	-0.25247502E-07	0.25234097E-07
96	-0.21802549E-07	0.41362377E-07
97	-0.17356379E-07	0.46050054E-07
98	-0.12831710E-07	0.43562565E-07
99	-0.87734309E-08	0.37188141E-07
100	-0.54452034E-08	0.29280072E-07
101	-0.29169138E-08	0.21387079E-07
102	-0.11373081E-08	0.14408467E-07
103	0.88927902E-11	0.87532506E-08
104	0.66007644E-09	0.45000679E-08
105	0.95202490E-09	0.15404399E-08
106	0.10044924E-08	-0.32935021E-09
107	0.91429936E-09	-0.13548047E-08
108	0.75364509E-09	-0.17768499E-08
109	0.57206068E-09	-0.18049561E-08
110	0.40023551E-09	-0.16056126E-08
111	0.25444960E-09	-0.13009253E-08
112	0.14082131E-09	-0.97311215E-09
113	0.58949338E-10	-0.67163453E-09
114	0.47995856E-11	-0.42100179E-09
115	-0.27183266E-10	-0.22833643E-09
116	-0.42704097E-10	-0.90762987E-10
117	-0.46917983E-10	-0.65317359E-12
118	-0.44092192E-10	0.51732826E-10
119	-0.37498567E-10	0.76304442E-10
120	-0.29462210E-10	0.81948892E-10
121	-0.21496572E-10	0.75959808E-10
122	-0.14473012E-10	0.63887819E-10
123	-0.87911753E-11	0.49650842E-10
124	-0.45305435E-11	0.35782897E-10
125	-0.15745202E-11	0.23717226E-10
126	0.29341213E-12	0.14066864E-10
127	0.13217700E-11	0.69040242E-11
128	0.17494594E-11	0.19984583E-11
129	0.17838856E-11	-0.10343874E-11
130	0.15902238E-11	-0.26379788E-11
131	0.12898070E-11	-0.32360555E-11
132	0.96447351E-12	-0.31903085E-11
133	0.66376928E-12	-0.27838424E-11
134	0.41291281E-12	-0.22211415E-11
135	0.22024164E-12	-0.16374213E-11

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.83490472E-13	-0.11118437E-11
137	-0.53024847E-14	-0.68152786E-12
138	-0.56280359E-13	-0.35516970E-12
139	-0.79563194E-13	-0.12561465E-12
140	-0.84140573E-13	0.21821935E-13
141	-0.77342348E-13	0.10495238E-12
142	-0.64707320E-13	0.14136615E-12
143	-0.50110584E-13	0.14653591E-12
144	-0.36024718E-13	0.13296819E-12
145	-0.23828783E-13	0.11004525E-12
146	-0.14110190E-13	0.84286609E-13
147	-0.69282361E-14	0.59824765E-13
148	-0.20268762E-14	0.38913754E-13
149	0.10021022E-14	0.22430371E-13
150	0.26068735E-14	0.10377253E-13
151	0.32091273E-14	0.22713680E-14
152	0.31684140E-14	-0.26165127E-14
153	0.27663853E-14	-0.50875785E-14
154	0.22066129E-14	-0.58872017E-14
155	0.16238400E-14	-0.56399757E-14
156	0.10974770E-14	-0.48269765E-14
157	0.66591152E-15	-0.37899714E-14
158	0.33956699E-15	-0.27504386E-14
159	0.11172059E-15	-0.18340029E-14
160	-0.33163193E-16	-0.10954554E-14
161	-0.11358971E-15	-0.54348429E-15
162	-0.14753387E-15	-0.16172763E-15
163	-0.15066507E-15	0.78133780E-16
164	-0.13555400E-15	0.20858835E-15
165	-0.11155540E-15	0.26080298E-15
166	-0.85104663E-16	0.26168016E-15
167	-0.60216393E-16	0.23264673E-15
168	-0.39044774E-16	0.18952963E-15
169	-0.22419869E-16	0.14313044E-15
170	-0.10305021E-16	0.10014119E-15
171	-0.21625125E-17	0.64025460E-16
172	0.27681560E-17	0.35952277E-16
173	0.52882401E-17	0.15688010E-16
174	0.61311450E-17	0.21853512E-17
175	0.59026364E-17	-0.59975256E-17
176	0.50588100E-17	-0.10365299E-16
177	0.39114009E-17	-0.12278339E-16
178	0.26476021E-17	-0.12857579E-16
179	0.13565421E-17	-0.12937110E-16

STEP DI CARICO NO. 7

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.99298217E-04	-0.74824829E-05
2	0.98555778E-04	-0.73082715E-05
3	0.97856886E-04	-0.65243676E-05
4	0.97284377E-04	-0.47362450E-05
5	0.96950469E-04	-0.17233558E-05
6	0.96986922E-04	0.27058675E-05
7	0.97546290E-04	0.87746466E-05
8	0.98804783E-04	0.16731528E-04
9	0.10096432E-03	0.26840040E-04
10	0.10425327E-03	0.39363062E-04
11	0.10892541E-03	0.54540622E-04
12	0.11525619E-03	0.72561823E-04
13	0.12353604E-03	0.93530827E-04
14	0.13406148E-03	0.11747372E-03
15	0.14712992E-03	0.14439052E-03
16	0.16296913E-03	0.17219345E-03
17	0.18152855E-03	0.19879476E-03
18	0.20268802E-03	0.22419447E-03
19	0.22632739E-03	0.24839255E-03
20	0.25232648E-03	0.27138903E-03
21	0.28056515E-03	0.29318387E-03
22	0.31092321E-03	0.31377710E-03
23	0.34328050E-03	0.33316872E-03
24	0.37751690E-03	0.35135873E-03
25	0.41351220E-03	0.36834713E-03
26	0.45114782E-03	0.38418017E-03
27	0.49031462E-03	0.39900449E-03
28	0.53092366E-03	0.41307826E-03
29	0.57291769E-03	0.42677423E-03
30	0.61628217E-03	0.44057969E-03
31	0.66105730E-03	0.45509610E-03
32	0.70734898E-03	0.47103901E-03
33	0.75534033E-03	0.48923783E-03
34	0.80530316E-03	0.51063567E-03
35	0.85760932E-03	0.53628924E-03
36	0.91230107E-03	0.55414398E-03
37	0.96778007E-03	0.55225880E-03
38	0.10221413E-02	0.53203019E-03
39	0.10736251E-02	0.49496791E-03
40	0.11206279E-02	0.44269470E-03
41	0.11617148E-02	0.37694682E-03
42	0.11956298E-02	0.29957431E-03
43	0.12213077E-02	0.21254069E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12378851E-02	0.11792281E-03
45	0.12447124E-02	0.17910907E-04
46	0.12413643E-02	-0.85191372E-04
47	0.12276517E-02	-0.18896699E-03
48	0.12036328E-02	-0.29088554E-03
49	0.11696246E-02	-0.38830322E-03
50	0.11262140E-02	-0.47846333E-03
51	0.10742695E-02	-0.55849610E-03
52	0.10149012E-02	-0.62693772E-03
53	0.94926835E-03	-0.68378722E-03
54	0.87853026E-03	-0.72904275E-03
55	0.80384634E-03	-0.76270232E-03
56	0.72637637E-03	-0.78476378E-03
57	0.64728025E-03	-0.79522526E-03
58	0.56771806E-03	-0.79408527E-03
59	0.48885000E-03	-0.78134233E-03
60	0.41183637E-03	-0.75699546E-03
61	0.33783764E-03	-0.72104548E-03
62	0.26801400E-03	-0.67349360E-03
63	0.20352568E-03	-0.61433931E-03
64	0.14555789E-03	-0.54283277E-03
65	0.95617019E-04	-0.45158927E-03
66	0.55718800E-04	-0.34598296E-03
67	0.26266589E-04	-0.24499188E-03
68	0.62293630E-05	-0.15873268E-03
69	-0.60952816E-05	-0.90933550E-04
70	-0.12566070E-04	-0.41396102E-04
71	-0.14911690E-04	-0.79742576E-05
72	-0.14598384E-04	0.12323711E-04
73	-0.12777266E-04	0.22712127E-04
74	-0.10286865E-04	0.26173329E-04
75	-0.76897522E-05	0.25219941E-04
76	-0.53247536E-05	0.21810269E-04
77	-0.33623182E-05	0.17362008E-04
78	-0.18554297E-05	0.12821415E-04
79	-0.78237991E-06	0.87504850E-05
80	-0.80765190E-07	0.54165830E-05
81	0.32765101E-06	0.28841116E-05
82	0.52099529E-06	0.10997859E-05
83	0.56883061E-06	-0.47867747E-07
84	0.52808338E-06	-0.69567335E-06
85	0.44176582E-06	-0.98138196E-06
86	0.33981664E-06	-0.10268003E-05
87	0.24114345E-06	-0.93008788E-06
88	0.15610472E-06	-0.76420605E-06
89	0.88944944E-07	-0.57904327E-06

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.39916102E-07	-0.40527931E-06
91	0.69814261E-08	-0.25874499E-06
92	-0.12917565E-07	-0.14475073E-06
93	-0.23021121E-07	-0.62328482E-07
94	-0.26301466E-07	-0.74524111E-08
95	-0.25250964E-07	0.25242837E-07
96	-0.21805141E-07	0.41370857E-07
97	-0.17358174E-07	0.46057423E-07
98	-0.12832841E-07	0.43568456E-07
99	-0.87740499E-08	0.37192496E-07
100	-0.54454583E-08	0.29283033E-07
101	-0.29169325E-08	0.21388887E-07
102	-0.11371918E-08	0.14409404E-07
103	0.90704362E-11	0.87535827E-08
104	0.66026667E-09	0.45000204E-08
105	0.95219876E-09	0.15401863E-08
106	0.10046359E-08	-0.32968750E-09
107	0.91440844E-09	-0.13551481E-08
108	0.75372142E-09	-0.17771555E-08
109	0.57210930E-09	-0.18052037E-08
110	0.40026252E-09	-0.16057974E-08
111	0.25446112E-09	-0.13010518E-08
112	0.14082267E-09	-0.97319031E-09
113	0.58944821E-10	-0.67167588E-09
114	0.47923046E-11	-0.42101744E-09
115	-0.27191227E-10	-0.22833578E-09
116	-0.42711494E-10	-0.90753363E-10
117	-0.46924194E-10	-0.63972617E-12
118	-0.44097007E-10	0.51746871E-10
119	-0.37502026E-10	0.76317244E-10
120	-0.29464493E-10	0.81959529E-10
121	-0.21497915E-10	0.75967975E-10
122	-0.14473660E-10	0.63893592E-10
123	-0.87913522E-11	0.49654555E-10
124	-0.45304333E-11	0.35784993E-10
125	-0.15742626E-11	0.23718152E-10
126	0.29372097E-12	0.14067022E-10
127	0.13220698E-11	0.69037332E-11
128	0.17497178E-11	0.19979517E-11
129	0.17840894E-11	-0.10349539E-11
130	0.15903719E-11	-0.26385118E-11
131	0.12899058E-11	-0.32365055E-11
132	0.96453227E-12	-0.31906569E-11
133	0.66379833E-12	-0.27840909E-11
134	0.41292146E-12	-0.22213030E-11
135	0.22023775E-12	-0.16375139E-11

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.83479969E-13	-0.11118864E-11
137	-0.53154646E-14	-0.68153735E-12
138	-0.56293207E-13	-0.35515953E-12
139	-0.79574470E-13	-0.12559471E-12
140	-0.84149647E-13	0.21845125E-13
141	-0.77349111E-13	0.10497487E-12
142	-0.64711969E-13	0.14138570E-12
143	-0.50113474E-13	0.14655154E-12
144	-0.36026249E-13	0.13297975E-12
145	-0.23829349E-13	0.11005316E-12
146	-0.14110118E-13	0.84291569E-13
147	-0.69277834E-14	0.59827529E-13
148	-0.20262282E-14	0.38914998E-13
149	0.10028210E-14	0.22430618E-13
150	0.26075827E-14	0.10376852E-13
151	0.32097706E-14	0.22704568E-14
152	0.31689474E-14	-0.26177365E-14
153	0.27667933E-14	-0.50888283E-14
154	0.22069020E-14	-0.58883151E-14
155	0.16240278E-14	-0.56408777E-14
156	0.10975857E-14	-0.48276613E-14
157	0.66596139E-15	-0.37904691E-14
158	0.33957530E-15	-0.27507751E-14
159	0.11170210E-15	-0.18342092E-14
160	-0.33197349E-16	-0.10955671E-14
161	-0.11363120E-15	-0.54352151E-15
162	-0.14757594E-15	-0.16170464E-15
163	-0.15070261E-15	0.78197923E-16
164	-0.13558390E-15	0.20867393E-15
165	-0.11157634E-15	0.26089470E-15
166	-0.85116382E-16	0.26177302E-15
167	-0.60218749E-16	0.23274086E-15
168	-0.39037909E-16	0.18961781E-15
169	-0.22404905E-16	0.14320321E-15
170	-0.10283643E-16	0.10019728E-15
171	-0.21362934E-17	0.64066019E-16
172	0.27974655E-17	0.35971904E-16
173	0.53183553E-17	0.15685828E-16
174	0.61603064E-17	0.21700211E-17
175	0.59299668E-17	-0.60175644E-17
176	0.50841407E-17	-0.10384745E-16
177	0.39348088E-17	-0.12298200E-16
178	0.26688885E-17	-0.12880014E-16
179	0.13755126E-17	-0.12960631E-16

STEP DI CARICO NO. 8

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.98984616E-04	-0.69359935E-05
2	0.98296921E-04	-0.67589713E-05
3	0.97653494E-04	-0.59619929E-05
4	0.97138618E-04	-0.41422450E-05
5	0.96866694E-04	-0.10729202E-05
6	0.96972202E-04	0.34416644E-05
7	0.97610704E-04	0.96264966E-05
8	0.98961435E-04	0.17729231E-04
9	0.10122913E-03	0.28009434E-04
10	0.10464442E-03	0.40722429E-04
11	0.10946231E-03	0.56096480E-04
12	0.11595816E-03	0.74304058E-04
13	0.12442032E-03	0.95427109E-04
14	0.13514121E-03	0.11947897E-03
15	0.14841372E-03	0.14645938E-03
16	0.16446029E-03	0.17425585E-03
17	0.18322169E-03	0.20075627E-03
18	0.20456837E-03	0.22596140E-03
19	0.22837085E-03	0.24987262E-03
20	0.25449984E-03	0.27249206E-03
21	0.28282631E-03	0.29382270E-03
22	0.31322156E-03	0.31386910E-03
23	0.34555758E-03	0.33263912E-03
24	0.37970726E-03	0.35014536E-03
25	0.41554510E-03	0.36640576E-03
26	0.45294926E-03	0.38149106E-03
27	0.49181026E-03	0.39558427E-03
28	0.53204328E-03	0.40899328E-03
29	0.57360058E-03	0.42215161E-03
30	0.61648391E-03	0.43561880E-03
31	0.66075748E-03	0.45008000E-03
32	0.70656004E-03	0.46634482E-03
33	0.75411756E-03	0.48534479E-03
34	0.80375513E-03	0.50812965E-03
35	0.85590838E-03	0.53586118E-03
36	0.91069477E-03	0.55661355E-03
37	0.96660404E-03	0.55855419E-03
38	0.10218269E-02	0.54313213E-03
39	0.10747029E-02	0.51188405E-03
40	0.11237304E-02	0.46643891E-03
41	0.11675754E-02	0.40853335E-03
42	0.12050834E-02	0.34001749E-03
43	0.12352907E-02	0.26285474E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12574353E-02	0.17912201E-03
45	0.12709690E-02	0.91009526E-04
46	0.12755680E-02	0.82094311E-06
47	0.12711446E-02	-0.89026718E-04
48	0.12578585E-02	-0.17600303E-03
49	0.12361278E-02	-0.25746418E-03
50	0.12066413E-02	-0.33065298E-03
51	0.11703686E-02	-0.39269886E-03
52	0.11285217E-02	-0.44213812E-03
53	0.10823613E-02	-0.47897076E-03
54	0.10331478E-02	-0.50319685E-03
55	0.98214217E-03	-0.51481632E-03
56	0.93060482E-03	-0.51382917E-03
57	0.87979651E-03	-0.50023547E-03
58	0.83097792E-03	-0.47403516E-03
59	0.78540971E-03	-0.43522826E-03
60	0.74435247E-03	-0.38381477E-03
61	0.70878142E-03	-0.32836039E-03
62	0.67852961E-03	-0.27743087E-03
63	0.65314444E-03	-0.23102615E-03
64	0.63217356E-03	-0.18914627E-03
65	0.61516435E-03	-0.15179123E-03
66	0.60166448E-03	-0.11896103E-03
67	0.59122132E-03	-0.90655652E-04
68	0.58338250E-03	-0.66875116E-04
69	0.57769549E-03	-0.47619411E-04
70	0.57370780E-03	-0.32888544E-04
71	0.57096692E-03	-0.22682507E-04
72	0.56902046E-03	-0.17001305E-04
73	0.56741585E-03	-0.15844937E-04
74	0.56570064E-03	-0.19213403E-04
75	0.56342233E-03	-0.27106704E-04
76	0.56012848E-03	-0.39524839E-04
77	0.55536657E-03	-0.56467808E-04
78	0.54868410E-03	-0.77935612E-04
79	0.53962861E-03	-0.10392824E-03
80	0.52774762E-03	-0.13444571E-03
81	0.51258865E-03	-0.16948802E-03
82	0.49369916E-03	-0.20905516E-03
83	0.47062678E-03	-0.25314713E-03
84	0.44291891E-03	-0.30176394E-03
85	0.41012315E-03	-0.35490558E-03
86	0.37178697E-03	-0.41257206E-03
87	0.32755369E-03	-0.47189023E-03
88	0.27765852E-03	-0.52372128E-03
89	0.22360272E-03	-0.55175350E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.16890635E-03	-0.53182954E-03
91	0.11879789E-03	-0.46507336E-03
92	0.76588374E-04	-0.37741617E-03
93	0.43425578E-04	-0.28643131E-03
94	0.19054369E-04	-0.20287877E-03
95	0.24164294E-05	-0.13232807E-03
96	-0.79072161E-05	-0.76656426E-04
97	-0.13396508E-04	-0.35434321E-04
98	-0.15420068E-04	-0.69918756E-05
99	-0.15145602E-04	0.10928989E-04
100	-0.13505163E-04	0.20723097E-04
101	-0.11197054E-04	0.24635054E-04
102	-0.87097187E-05	0.24600002E-04
103	-0.63566790E-05	0.22176187E-04
104	-0.43148821E-05	0.18540353E-04
105	-0.26613136E-05	0.14523363E-04
106	-0.14048828E-05	0.10666173E-04
107	-0.51230808E-06	0.72821099E-05
108	0.72167119E-07	0.45168831E-05
109	0.41274836E-06	0.24020501E-05
110	0.57279561E-06	0.89377158E-06
111	0.60875237E-06	-0.97016844E-07
112	0.56708427E-06	-0.67704462E-06
113	0.48349779E-06	-0.95244093E-06
114	0.38359116E-06	-0.10179854E-05
115	0.28428897E-06	-0.95188210E-06
116	0.19559573E-06	-0.81434882E-06
117	0.12235913E-06	-0.64861825E-06
118	0.65858558E-07	-0.48329326E-06
119	0.25123800E-07	-0.33526862E-06
120	-0.20428215E-08	-0.21267365E-06
121	-0.18327933E-07	-0.11758876E-06
122	-0.26425420E-07	-0.48449255E-07
123	-0.28767035E-07	-0.17872503E-08
124	-0.27389065E-07	0.26688868E-07
125	-0.23889609E-07	0.41354539E-07
126	-0.19445086E-07	0.46212367E-07
127	-0.14861172E-07	0.44649102E-07
128	-0.10639983E-07	0.39344318E-07
129	-0.70507675E-08	0.32285747E-07
130	-0.41954356E-08	0.24849124E-07
131	-0.20644804E-08	0.17906368E-07
132	-0.58160587E-09	0.11940289E-07
133	0.36284123E-09	0.71521211E-08
134	0.88852170E-09	0.35550531E-08
135	0.11099659E-08	0.10414068E-08

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11270292E-08	-0.56545474E-09
137	0.10204517E-08	-0.14650129E-08
138	0.85118823E-09	-0.18497235E-08
139	0.66205702E-09	-0.18879349E-08
140	0.48060483E-09	-0.17160394E-08
141	0.32241973E-09	-0.14370258E-08
142	0.19435961E-09	-0.11232136E-08
143	0.97387202E-10	-0.82109547E-09
144	0.28877350E-10	-0.55687233E-09
145	-0.15626358E-10	-0.34182190E-09
146	-0.41181919E-10	-0.17761810E-09
147	-0.52716619E-10	-0.60413528E-10
148	-0.54600019E-10	0.16729210E-10
149	-0.50434639E-10	0.61956155E-10
150	-0.43002876E-10	0.83360478E-10
151	-0.34314229E-10	0.88214235E-10
152	-0.25710383E-10	0.82557274E-10
153	-0.17997021E-10	0.71072842E-10
154	-0.11576533E-10	0.57166875E-10
155	-0.65676600E-11	0.43140477E-10
156	-0.29054968E-11	0.30402306E-10
157	-0.41984577E-12	0.19684731E-10
158	0.11075358E-11	0.11249745E-10
159	0.19044907E-11	0.50463769E-11
160	0.21827180E-11	0.82021537E-12
161	0.21225114E-11	-0.17866123E-11
162	0.18666219E-11	-0.31566503E-11
163	0.15204868E-11	-0.36475276E-11
164	0.11562508E-11	-0.35643751E-11
165	0.81870058E-12	-0.31485572E-11
166	0.53169448E-12	-0.25780849E-11
167	0.30418368E-12	-0.19746108E-11
168	0.13536425E-12	-0.14133786E-11
169	0.18783584E-13	-0.93387754E-12
170	-0.54621025E-13	-0.55066943E-12
171	-0.94529195E-13	-0.26282806E-12
172	-0.11002620E-12	-0.60173546E-13
173	-0.10889965E-12	0.72408611E-13
174	-0.97323239E-13	0.15162779E-12
175	-0.79818862E-13	0.19350376E-12
176	-0.59405856E-13	0.21187883E-12
177	-0.37864141E-13	0.21762266E-12
178	-0.16049612E-13	0.21831771E-12
179	0.57703103E-14	0.21814000E-12

STEP DI CARICO NO. 9

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.98984296E-04	-0.69344683E-05
2	0.98296747E-04	-0.67574433E-05
3	0.97653472E-04	-0.59604531E-05
4	0.97138749E-04	-0.41406811E-05
5	0.96866985E-04	-0.10713213E-05
6	0.96972661E-04	0.34433008E-05
7	0.97611322E-04	0.96281592E-05
8	0.98962220E-04	0.17730892E-04
9	0.10123008E-03	0.28011036E-04
10	0.10464552E-03	0.40723888E-04
11	0.10946355E-03	0.56097670E-04
12	0.11595950E-03	0.74304815E-04
13	0.12442170E-03	0.95427218E-04
14	0.13514256E-03	0.11947838E-03
15	0.14841500E-03	0.14645827E-03
16	0.16446144E-03	0.17425447E-03
17	0.18322268E-03	0.20075474E-03
18	0.20456921E-03	0.22595986E-03
19	0.22837153E-03	0.24987114E-03
20	0.25450040E-03	0.27249072E-03
21	0.28282672E-03	0.29382150E-03
22	0.31322188E-03	0.31386805E-03
23	0.34555778E-03	0.33263824E-03
24	0.37970740E-03	0.35014466E-03
25	0.41554519E-03	0.36640523E-03
26	0.45294926E-03	0.38149065E-03
27	0.49181026E-03	0.39558398E-03
28	0.53204328E-03	0.40899307E-03
29	0.57360053E-03	0.42215150E-03
30	0.61648386E-03	0.43561874E-03
31	0.66075742E-03	0.45008000E-03
32	0.70655998E-03	0.46634482E-03
33	0.75411756E-03	0.48534485E-03
34	0.80375513E-03	0.50812971E-03
35	0.85590838E-03	0.53586124E-03
36	0.91069471E-03	0.55661367E-03
37	0.96660404E-03	0.55855425E-03
38	0.10218268E-02	0.54313219E-03
39	0.10747029E-02	0.51188411E-03
40	0.11237304E-02	0.46643897E-03
41	0.11675754E-02	0.40853341E-03
42	0.12050834E-02	0.34001752E-03
43	0.12352907E-02	0.26285477E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12574353E-02	0.17912203E-03
45	0.12709690E-02	0.91009548E-04
46	0.12755680E-02	0.82095556E-06
47	0.12711446E-02	-0.89026711E-04
48	0.12578585E-02	-0.17600303E-03
49	0.12361278E-02	-0.25746418E-03
50	0.12066413E-02	-0.33065298E-03
51	0.11703687E-02	-0.39269886E-03
52	0.11285217E-02	-0.44213812E-03
53	0.10823613E-02	-0.47897076E-03
54	0.10331478E-02	-0.50319685E-03
55	0.98214217E-03	-0.51481632E-03
56	0.93060482E-03	-0.51382917E-03
57	0.87979651E-03	-0.50023547E-03
58	0.83097792E-03	-0.47403519E-03
59	0.78540971E-03	-0.43522828E-03
60	0.74435252E-03	-0.38381477E-03
61	0.70878142E-03	-0.32836039E-03
62	0.67852961E-03	-0.27743087E-03
63	0.65314444E-03	-0.23102615E-03
64	0.63217356E-03	-0.18914627E-03
65	0.61516435E-03	-0.15179123E-03
66	0.60166448E-03	-0.11896103E-03
67	0.59122132E-03	-0.90655652E-04
68	0.58338250E-03	-0.66875116E-04
69	0.57769549E-03	-0.47619411E-04
70	0.57370780E-03	-0.32888540E-04
71	0.57096692E-03	-0.22682505E-04
72	0.56902046E-03	-0.17001305E-04
73	0.56741585E-03	-0.15844937E-04
74	0.56570064E-03	-0.19213403E-04
75	0.56342233E-03	-0.27106704E-04
76	0.56012848E-03	-0.39524839E-04
77	0.55536657E-03	-0.56467805E-04
78	0.54868410E-03	-0.77935612E-04
79	0.53962861E-03	-0.10392824E-03
80	0.52774762E-03	-0.13444571E-03
81	0.51258865E-03	-0.16948802E-03
82	0.49369916E-03	-0.20905516E-03
83	0.47062678E-03	-0.25314713E-03
84	0.44291891E-03	-0.30176394E-03
85	0.41012315E-03	-0.35490558E-03
86	0.37178697E-03	-0.41257206E-03
87	0.32755369E-03	-0.47189023E-03
88	0.27765852E-03	-0.52372128E-03
89	0.22360272E-03	-0.55175350E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.16890635E-03	-0.53182954E-03
91	0.11879789E-03	-0.46507336E-03
92	0.76588374E-04	-0.37741617E-03
93	0.43425578E-04	-0.28643131E-03
94	0.19054367E-04	-0.20287879E-03
95	0.24164283E-05	-0.13232809E-03
96	-0.79072179E-05	-0.76656426E-04
97	-0.13396509E-04	-0.35434321E-04
98	-0.15420070E-04	-0.69918756E-05
99	-0.15145603E-04	0.10928991E-04
100	-0.13505164E-04	0.20723104E-04
101	-0.11197054E-04	0.24635066E-04
102	-0.87097178E-05	0.24600022E-04
103	-0.63566754E-05	0.22176217E-04
104	-0.43148752E-05	0.18540393E-04
105	-0.26613020E-05	0.14523413E-04
106	-0.14048658E-05	0.10666231E-04
107	-0.51228506E-06	0.72821717E-05
108	0.72196094E-07	0.45169395E-05
109	0.41278216E-06	0.24020874E-05
110	0.57283142E-06	0.89377039E-06
111	0.60878591E-06	-0.97055995E-07
112	0.56711286E-06	-0.67710181E-06
113	0.48352041E-06	-0.95250243E-06
114	0.38360776E-06	-0.10180428E-05
115	0.28430026E-06	-0.95193076E-06
116	0.19560265E-06	-0.81438708E-06
117	0.12236274E-06	-0.64864628E-06
118	0.65859837E-07	-0.48331214E-06
119	0.25123571E-07	-0.33528016E-06
120	-0.20439102E-08	-0.21267959E-06
121	-0.18329407E-07	-0.11759078E-06
122	-0.26426960E-07	-0.48448754E-07
123	-0.28768445E-07	-0.17853228E-08
124	-0.27390247E-07	0.26691422E-07
125	-0.23890527E-07	0.41357183E-07
126	-0.19445750E-07	0.46214776E-07
127	-0.14861613E-07	0.44651109E-07
128	-0.10640247E-07	0.39345871E-07
129	-0.70508976E-08	0.32286863E-07
130	-0.41954733E-08	0.24849864E-07
131	-0.20644602E-08	0.17906807E-07
132	-0.58155364E-09	0.11940503E-07
133	0.36290654E-09	0.71521797E-08
134	0.88858759E-09	0.35550143E-08
135	0.11100250E-08	0.10413150E-08

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.11270778E-08	-0.56556759E-09
137	0.10204889E-08	-0.14651258E-08
138	0.85121465E-09	-0.18498241E-08
139	0.66207423E-09	-0.18880175E-08
140	0.48061477E-09	-0.17161023E-08
141	0.32242434E-09	-0.14370702E-08
142	0.19436058E-09	-0.11232425E-08
143	0.97385933E-10	-0.82111201E-09
144	0.28874908E-10	-0.55687988E-09
145	-0.15629224E-10	-0.34182329E-09
146	-0.41184719E-10	-0.17761578E-09
147	-0.52719079E-10	-0.60409261E-10
148	-0.54602010E-10	0.16734151E-10
149	-0.50436138E-10	0.61960950E-10
150	-0.43003923E-10	0.83364669E-10
151	-0.34314895E-10	0.88217614E-10
152	-0.25710756E-10	0.82559806E-10
153	-0.17997180E-10	0.71074605E-10
154	-0.11576550E-10	0.57167993E-10
155	-0.65675907E-11	0.43141095E-10
156	-0.29053849E-11	0.30402562E-10
157	-0.41972112E-12	0.19684749E-10
158	0.11076543E-11	0.11249620E-10
159	0.19045926E-11	0.50461822E-11
160	0.21827993E-11	0.82000086E-12
161	0.21225716E-11	-0.17868151E-11
162	0.18666633E-11	-0.31568242E-11
163	0.15205124E-11	-0.36476651E-11
164	0.11562645E-11	-0.35644768E-11
165	0.81870578E-12	-0.31486268E-11
166	0.53169410E-12	-0.25781278E-11
167	0.30418008E-12	-0.19746338E-11
168	0.13535912E-12	-0.14133872E-11
169	0.18778089E-13	-0.93387678E-12
170	-0.54626144E-13	-0.55066325E-12
171	-0.94533553E-13	-0.26281933E-12
172	-0.11002964E-12	-0.60164195E-13
173	-0.10890217E-12	0.72417488E-13
174	-0.97324926E-13	0.15163569E-12
175	-0.79819811E-13	0.19351061E-12
176	-0.59406161E-13	0.21188483E-12
177	-0.37863877E-13	0.21762809E-12
178	-0.16048823E-13	0.21832288E-12
179	0.57716118E-14	0.21814510E-12

STEP DI CARICO NO. 10

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.98984339E-04	-0.69288672E-05
2	0.98297351E-04	-0.67518422E-05
3	0.97654636E-04	-0.59548643E-05
4	0.97140473E-04	-0.41351477E-05
5	0.96869255E-04	-0.10659389E-05
6	0.96975455E-04	0.34483658E-05
7	0.97614597E-04	0.96326494E-05
8	0.98965902E-04	0.17734439E-04
9	0.10123404E-03	0.28013152E-04
10	0.10464960E-03	0.40723942E-04
11	0.10946751E-03	0.56094890E-04
12	0.11596299E-03	0.74298288E-04
13	0.12442430E-03	0.95415897E-04
14	0.13514375E-03	0.11946114E-03
15	0.14841412E-03	0.14643402E-03
16	0.16445773E-03	0.17422205E-03
17	0.18321529E-03	0.20071305E-03
18	0.20455715E-03	0.22590799E-03
19	0.22835375E-03	0.24980857E-03
20	0.25447580E-03	0.27241738E-03
21	0.28279430E-03	0.29373815E-03
22	0.31318067E-03	0.31377649E-03
23	0.34550714E-03	0.33254150E-03
24	0.37964701E-03	0.35004751E-03
25	0.41547534E-03	0.36631434E-03
26	0.45287103E-03	0.38141510E-03
27	0.49172569E-03	0.39553549E-03
28	0.53195580E-03	0.40898626E-03
29	0.57351519E-03	0.42220409E-03
30	0.61640760E-03	0.43575151E-03
31	0.66069938E-03	0.45031667E-03
32	0.70653192E-03	0.46671153E-03
33	0.75413380E-03	0.48586921E-03
34	0.80383284E-03	0.50883961E-03
35	0.85606746E-03	0.53678290E-03
36	0.91095740E-03	0.55776589E-03
37	0.96699386E-03	0.55994536E-03
38	0.10223676E-02	0.54475869E-03
39	0.10754174E-02	0.51372586E-03
40	0.11246386E-02	0.46846614E-03
41	0.11686943E-02	0.41071617E-03
42	0.12064271E-02	0.34232601E-03
43	0.12368703E-02	0.26525918E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12592589E-02	0.18159252E-03
45	0.12730418E-02	0.93516283E-04
46	0.12778920E-02	0.33340968E-05
47	0.12737190E-02	-0.86537002E-04
48	0.12606793E-02	-0.17356659E-03
49	0.12391885E-02	-0.25511085E-03
50	0.12099319E-02	-0.32841260E-03
51	0.11738765E-02	-0.39060123E-03
52	0.11322309E-02	-0.44021310E-03
53	0.10862531E-02	-0.47724822E-03
54	0.10372004E-02	-0.50170656E-03
55	0.98633091E-03	-0.51358819E-03
56	0.93490211E-03	-0.51289302E-03
57	0.88417158E-03	-0.49962109E-03
58	0.83539711E-03	-0.47377241E-03
59	0.78983634E-03	-0.43534697E-03
60	0.74874691E-03	-0.38434478E-03
61	0.71309728E-03	-0.32944474E-03
62	0.68269862E-03	-0.27932570E-03
63	0.65707276E-03	-0.23398768E-03
64	0.63574169E-03	-0.19343069E-03
65	0.61822729E-03	-0.15765474E-03
66	0.60405140E-03	-0.12665980E-03
67	0.59273670E-03	-0.10042291E-03
68	0.58381137E-03	-0.78849916E-04
69	0.57681772E-03	-0.61746468E-04
70	0.57132309E-03	-0.48811969E-04
71	0.56692999E-03	-0.39637551E-04
72	0.56328729E-03	-0.33712367E-04
73	0.56010165E-03	-0.30363872E-04
74	0.55715843E-03	-0.28697496E-04
75	0.55434235E-03	-0.27626078E-04
76	0.55165368E-03	-0.25941388E-04
77	0.54921460E-03	-0.22439815E-04
78	0.54725970E-03	-0.16118505E-04
79	0.54610224E-03	-0.64580013E-05
80	0.54608262E-03	0.66393577E-05
81	0.54754462E-03	0.23173572E-04
82	0.55083190E-03	0.43144639E-04
83	0.55628811E-03	0.66552566E-04
84	0.56425697E-03	0.93397342E-04
85	0.57508214E-03	0.12367898E-03
86	0.58896572E-03	0.15314898E-03
87	0.60554332E-03	0.17755886E-03
88	0.62430883E-03	0.19690862E-03
89	0.64475636E-03	0.21119825E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.66637981E-03	0.22042776E-03
91	0.68867323E-03	0.22459714E-03
92	0.71113056E-03	0.22370640E-03
93	0.73324580E-03	0.21775554E-03
94	0.75451302E-03	0.20674456E-03
95	0.77442609E-03	0.19067347E-03
96	0.79247903E-03	0.16954224E-03
97	0.80816587E-03	0.14335089E-03
98	0.82098052E-03	0.11209942E-03
99	0.83041703E-03	0.75787822E-04
100	0.83596940E-03	0.34416109E-04
101	0.83713233E-03	-0.11993921E-04
102	0.83340646E-03	-0.63328662E-04
103	0.82431088E-03	-0.11933456E-03
104	0.80939697E-03	-0.17961810E-03
105	0.78826246E-03	-0.24364582E-03
106	0.76056545E-03	-0.31074428E-03
107	0.72603836E-03	-0.38010010E-03
108	0.68450195E-03	-0.45075995E-03
109	0.63587935E-03	-0.52163051E-03
110	0.58020995E-03	-0.59147854E-03
111	0.51766349E-03	-0.65893080E-03
112	0.44858802E-03	-0.72145666E-03
113	0.37382677E-03	-0.77034475E-03
114	0.29561657E-03	-0.78630756E-03
115	0.21867911E-03	-0.73885516E-03
116	0.14984273E-03	-0.63148688E-03
117	0.93166964E-04	-0.50056149E-03
118	0.49720020E-04	-0.36994860E-03
119	0.18702689E-04	-0.25357227E-03
120	-0.16875565E-05	-0.15798956E-03
121	-0.13639434E-04	-0.84733168E-04
122	-0.19329829E-04	-0.32345961E-04
123	-0.20704199E-04	0.21740209E-05
124	-0.19369092E-04	0.22472001E-04
125	-0.16562240E-04	0.32196760E-04
126	-0.13173126E-04	0.34619938E-04
127	-0.97913899E-05	0.32448999E-04
128	-0.67667647E-05	0.27774895E-04
129	-0.42696834E-05	0.22102611E-04
130	-0.23462758E-05	0.16429331E-04
131	-0.96413305E-06	0.11346577E-04
132	-0.47610783E-07	0.71443114E-05
133	0.49679983E-06	0.39041647E-05
134	0.76363881E-06	0.15765177E-05
135	0.83836915E-06	0.36844881E-07

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.79199799E-06	-0.87312196E-06
137	0.67936605E-06	-0.13144511E-05
138	0.53988373E-06	-0.14325011E-05
139	0.39962674E-06	-0.13477232E-05
140	0.27400620E-06	-0.11529322E-05
141	0.17049202E-06	-0.91459003E-06
142	0.91083514E-07	-0.67638803E-06
143	0.34357708E-07	-0.46388689E-06
144	-0.29542500E-08	-0.28919723E-06
145	-0.24839427E-07	-0.15523821E-06
146	-0.35272873E-07	-0.59408642E-07
147	-0.37809677E-07	0.37652099E-08
148	-0.35386538E-07	0.40937827E-07
149	-0.30266666E-07	0.58773868E-07
150	-0.24077060E-07	0.63251072E-07
151	-0.17896815E-07	0.59317358E-07
152	-0.12366565E-07	0.50794338E-07
153	-0.77992341E-08	0.40432738E-07
154	-0.42804840E-08	0.30057144E-07
155	-0.17520750E-08	0.20753452E-07
156	-0.76203821E-10	0.13057448E-07
157	0.91816832E-09	0.71240591E-08
158	0.14043962E-08	0.28643143E-08
159	0.15391698E-08	0.48725825E-10
160	0.14525862E-08	-0.16135178E-08
161	0.12450589E-08	-0.24179798E-08
162	0.98869946E-09	-0.26311624E-08
163	0.73118006E-09	-0.24737365E-08
164	0.50064425E-09	-0.21155486E-08
165	0.31071204E-09	-0.16781094E-08
166	0.16500093E-09	-0.12413126E-08
167	0.60870316E-10	-0.85189150E-09
168	-0.76921299E-11	-0.53191307E-09
169	-0.47999972E-10	-0.28656486E-09
170	-0.67323584E-10	-0.11077105E-09
171	-0.72122579E-10	0.59708067E-11
172	-0.67674567E-10	0.76358253E-10
173	-0.57971784E-10	0.11312010E-09
174	-0.45790070E-10	0.12769624E-09
175	-0.32857203E-10	0.12953234E-09
176	-0.20069793E-10	0.12578269E-09
177	-0.77266075E-11	0.12125478E-09
178	0.42389152E-11	0.11845945E-09
179	0.16032061E-10	0.11766746E-09

STEP DI CARICO NO. 11

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.98984310E-04	-0.69282696E-05
2	0.98297387E-04	-0.67512442E-05
3	0.97654731E-04	-0.59542663E-05
4	0.97140626E-04	-0.41345520E-05
5	0.96869466E-04	-0.10653519E-05
6	0.96975724E-04	0.34489308E-05
7	0.97614917E-04	0.96331705E-05
8	0.98966273E-04	0.17734885E-04
9	0.10123446E-03	0.28013475E-04
10	0.10465003E-03	0.40724084E-04
11	0.10946795E-03	0.56094781E-04
12	0.11596340E-03	0.74297837E-04
13	0.12442465E-03	0.95414995E-04
14	0.13514399E-03	0.11945970E-03
15	0.14841418E-03	0.14643204E-03
16	0.16445757E-03	0.17421966E-03
17	0.18321488E-03	0.20071045E-03
18	0.20455646E-03	0.22590539E-03
19	0.22835282E-03	0.24980618E-03
20	0.25447467E-03	0.27241549E-03
21	0.28279299E-03	0.29373704E-03
22	0.31317933E-03	0.31377649E-03
23	0.34550586E-03	0.33254302E-03
24	0.37964596E-03	0.35005098E-03
25	0.41547476E-03	0.36632022E-03
26	0.45287117E-03	0.38142392E-03
27	0.49172691E-03	0.39554774E-03
28	0.53195842E-03	0.40900244E-03
29	0.57351962E-03	0.42222461E-03
30	0.61641436E-03	0.43577669E-03
31	0.66070887E-03	0.45034659E-03
32	0.70654461E-03	0.46674599E-03
33	0.75415015E-03	0.48590760E-03
34	0.80385321E-03	0.50888082E-03
35	0.85609203E-03	0.53682516E-03
36	0.91098616E-03	0.55780617E-03
37	0.96702634E-03	0.55997912E-03
38	0.10224029E-02	0.54478040E-03
39	0.10754542E-02	0.51373342E-03
40	0.11246754E-02	0.46846145E-03
41	0.11687302E-02	0.41070121E-03
42	0.12064611E-02	0.34230278E-03
43	0.12369015E-02	0.26522958E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12592870E-02	0.18155853E-03
45	0.12730663E-02	0.93479837E-04
46	0.12779129E-02	0.32971657E-05
47	0.12737362E-02	-0.86572465E-04
48	0.12606932E-02	-0.17359863E-03
49	0.12391994E-02	-0.25513754E-03
50	0.12099405E-02	-0.32843195E-03
51	0.11738834E-02	-0.39061144E-03
52	0.11322375E-02	-0.44021301E-03
53	0.10862601E-02	-0.47723760E-03
54	0.10372092E-02	-0.50168613E-03
55	0.98634209E-03	-0.51355967E-03
56	0.93491632E-03	-0.51285885E-03
57	0.88418945E-03	-0.49958361E-03
58	0.83541876E-03	-0.47373399E-03
59	0.78986178E-03	-0.43530998E-03
60	0.74877590E-03	-0.38431160E-03
61	0.71312930E-03	-0.32941846E-03
62	0.68273273E-03	-0.27931019E-03
63	0.65710774E-03	-0.23398743E-03
64	0.63577574E-03	-0.19344961E-03
65	0.61825843E-03	-0.15769279E-03
66	0.60407806E-03	-0.12671002E-03
67	0.59275812E-03	-0.10047602E-03
68	0.58382755E-03	-0.78899917E-04
69	0.57682930E-03	-0.61789964E-04
70	0.57133066E-03	-0.48847454E-04
71	0.56693447E-03	-0.39664839E-04
72	0.56328939E-03	-0.33732096E-04
73	0.56010211E-03	-0.30377128E-04
74	0.55715785E-03	-0.28705546E-04
75	0.55434112E-03	-0.27630180E-04
76	0.55165222E-03	-0.25942676E-04
77	0.54921315E-03	-0.22439246E-04
78	0.54725830E-03	-0.16116834E-04
79	0.54610107E-03	-0.64557903E-05
80	0.54608169E-03	0.66417174E-05
81	0.54754392E-03	0.23175831E-04
82	0.55083144E-03	0.43146665E-04
83	0.55628782E-03	0.66554298E-04
84	0.56425686E-03	0.93398776E-04
85	0.57508214E-03	0.12368013E-03
86	0.58896584E-03	0.15314990E-03
87	0.60554349E-03	0.17755956E-03
88	0.62430906E-03	0.19690912E-03
89	0.64475666E-03	0.21119858E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.66638010E-03	0.22042793E-03
91	0.68867352E-03	0.22459718E-03
92	0.71113091E-03	0.22370633E-03
93	0.73324615E-03	0.21775537E-03
94	0.75451331E-03	0.20674431E-03
95	0.77442633E-03	0.19067315E-03
96	0.79247926E-03	0.16954189E-03
97	0.80816605E-03	0.14335052E-03
98	0.82098070E-03	0.11209905E-03
99	0.83041721E-03	0.75787473E-04
100	0.83596952E-03	0.34415796E-04
101	0.83713239E-03	-0.11994181E-04
102	0.83340652E-03	-0.63328866E-04
103	0.82431093E-03	-0.11933471E-03
104	0.80939697E-03	-0.17961820E-03
105	0.78826246E-03	-0.24364589E-03
106	0.76056545E-03	-0.31074430E-03
107	0.72603836E-03	-0.38010013E-03
108	0.68450195E-03	-0.45075995E-03
109	0.63587935E-03	-0.52163051E-03
110	0.58020995E-03	-0.59147854E-03
111	0.51766349E-03	-0.65893080E-03
112	0.44858799E-03	-0.72145666E-03
113	0.37382677E-03	-0.77034475E-03
114	0.29561657E-03	-0.78630762E-03
115	0.21867908E-03	-0.73885522E-03
116	0.14984270E-03	-0.63148700E-03
117	0.93166920E-04	-0.50056161E-03
118	0.49719969E-04	-0.36994871E-03
119	0.18702629E-04	-0.25357236E-03
120	-0.16876204E-05	-0.15798956E-03
121	-0.13639495E-04	-0.84733103E-04
122	-0.19329882E-04	-0.32345866E-04
123	-0.20704241E-04	0.21741287E-05
124	-0.19369123E-04	0.22472104E-04
125	-0.16562262E-04	0.32196855E-04
126	-0.13173139E-04	0.34620014E-04
127	-0.97913962E-05	0.32449061E-04
128	-0.67667656E-05	0.27774944E-04
129	-0.42696802E-05	0.22102648E-04
130	-0.23462692E-05	0.16429358E-04
131	-0.96412418E-06	0.11346597E-04
132	-0.47600288E-07	0.71443233E-05
133	0.49681091E-06	0.39041647E-05
134	0.76364933E-06	0.15765064E-05
135	0.83837818E-06	0.36827409E-07

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.79200510E-06	-0.87314140E-06
137	0.67937128E-06	-0.13144697E-05
138	0.53988720E-06	-0.14325177E-05
139	0.39962868E-06	-0.13477370E-05
140	0.27400688E-06	-0.11529431E-05
141	0.17049175E-06	-0.91459839E-06
142	0.91082526E-07	-0.67639405E-06
143	0.34356233E-07	-0.46389067E-06
144	-0.29559823E-08	-0.28919857E-06
145	-0.24841174E-07	-0.15523732E-06
146	-0.35274454E-07	-0.59406354E-07
147	-0.37810995E-07	0.37680956E-08
148	-0.35387561E-07	0.40940769E-07
149	-0.30267408E-07	0.58776536E-07
150	-0.24077554E-07	0.63253296E-07
151	-0.17897113E-07	0.59319088E-07
152	-0.12366714E-07	0.50795588E-07
153	-0.77992794E-08	0.40433569E-07
154	-0.42804635E-08	0.30057638E-07
155	-0.17520181E-08	0.20753699E-07
156	-0.76131434E-10	0.13057521E-07
157	0.91824215E-09	0.71240227E-08
158	0.14044628E-08	0.28642158E-08
159	0.15392251E-08	0.48601123E-10
160	0.14526287E-08	-0.16136444E-08
161	0.12450894E-08	-0.24180939E-08
162	0.98871944E-09	-0.26312568E-08
163	0.73119166E-09	-0.24738089E-08
164	0.50064969E-09	-0.21156001E-08
165	0.31071323E-09	-0.16781432E-08
166	0.16499950E-09	-0.12413323E-08
167	0.60867478E-10	-0.85190077E-09
168	-0.76955213E-11	-0.53191529E-09
169	-0.48003344E-10	-0.28656263E-09
170	-0.67326596E-10	-0.11076640E-09
171	-0.72125070E-10	0.59764541E-11
172	-0.67676482E-10	0.76363964E-10
173	-0.57973147E-10	0.11312534E-09
174	-0.45790944E-10	0.12770079E-09
175	-0.32857658E-10	0.12953617E-09
176	-0.20069895E-10	0.12578596E-09
177	-0.77264011E-11	0.12125770E-09
178	0.42394035E-11	0.11846221E-09
179	0.16032823E-10	0.11767018E-09

STEP DI CARICO NO. 12

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.98984361E-04	-0.69280059E-05
2	0.98297460E-04	-0.67509814E-05
3	0.97654833E-04	-0.59540057E-05
4	0.97140750E-04	-0.41342996E-05
5	0.96869619E-04	-0.10651175E-05
6	0.96975898E-04	0.34491325E-05
7	0.97615113E-04	0.96333188E-05
8	0.98966477E-04	0.17734952E-04
9	0.10123466E-03	0.28013428E-04
10	0.10465023E-03	0.40723884E-04
11	0.10946811E-03	0.56094374E-04
12	0.11596351E-03	0.74297168E-04
13	0.12442468E-03	0.95414005E-04
14	0.13514390E-03	0.11945833E-03
15	0.14841392E-03	0.14643022E-03
16	0.16445712E-03	0.17421735E-03
17	0.18321417E-03	0.20070761E-03
18	0.20455544E-03	0.22590201E-03
19	0.22835143E-03	0.24980228E-03
20	0.25447286E-03	0.27241113E-03
21	0.28279074E-03	0.29373236E-03
22	0.31317660E-03	0.31377166E-03
23	0.34550263E-03	0.33253833E-03
24	0.37964233E-03	0.35004679E-03
25	0.41547071E-03	0.36631708E-03
26	0.45286689E-03	0.38142246E-03
27	0.49172260E-03	0.39554876E-03
28	0.53195440E-03	0.40900690E-03
29	0.57351624E-03	0.42223360E-03
30	0.61641214E-03	0.43579147E-03
31	0.66070852E-03	0.45036848E-03
32	0.70654688E-03	0.46677637E-03
33	0.75415592E-03	0.48594782E-03
34	0.80386351E-03	0.50893211E-03
35	0.85610803E-03	0.53688843E-03
36	0.91100909E-03	0.55788149E-03
37	0.96705742E-03	0.56006567E-03
38	0.10224431E-02	0.54487638E-03
39	0.10755043E-02	0.51383639E-03
40	0.11247362E-02	0.46856902E-03
41	0.11688018E-02	0.41081102E-03
42	0.12065436E-02	0.34241239E-03
43	0.12369950E-02	0.26533662E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12593910E-02	0.18166057E-03
45	0.12731801E-02	0.93574432E-04
46	0.12780357E-02	0.33818376E-05
47	0.12738669E-02	-0.86500222E-04
48	0.12608303E-02	-0.17354134E-03
49	0.12393413E-02	-0.25509772E-03
50	0.12100855E-02	-0.32841219E-03
51	0.11740293E-02	-0.39061415E-03
52	0.11323818E-02	-0.44023996E-03
53	0.10864006E-02	-0.47728964E-03
54	0.10373432E-02	-0.50176313E-03
55	0.98646712E-03	-0.51366049E-03
56	0.93503023E-03	-0.51298167E-03
57	0.88429003E-03	-0.49972656E-03
58	0.83550415E-03	-0.47389520E-03
59	0.78993023E-03	-0.43548740E-03
60	0.74882590E-03	-0.38450307E-03
61	0.71315945E-03	-0.32962309E-03
62	0.68274175E-03	-0.27952771E-03
63	0.65709447E-03	-0.23421497E-03
64	0.63573947E-03	-0.19368085E-03
65	0.61819929E-03	-0.15791759E-03
66	0.60399738E-03	-0.12691169E-03
67	0.59265952E-03	-0.10062832E-03
68	0.58371777E-03	-0.78964280E-04
69	0.57671958E-03	-0.61713545E-04
70	0.57123840E-03	-0.48562357E-04
71	0.56688447E-03	-0.39089315E-04
72	0.56331523E-03	-0.32774638E-04
73	0.56024676E-03	-0.28944580E-04
74	0.55747293E-03	-0.26716440E-04
75	0.55488525E-03	-0.25034566E-04
76	0.55248610E-03	-0.22749517E-04
77	0.55039243E-03	-0.18751978E-04
78	0.54882164E-03	-0.12176934E-04
79	0.54805441E-03	-0.26813213E-05
80	0.54838293E-03	0.97411330E-05
81	0.55010058E-03	0.25101948E-04
82	0.55350189E-03	0.43419423E-04
83	0.55888388E-03	0.64720138E-04
84	0.56654663E-03	0.89042936E-04
85	0.57679589E-03	0.11646837E-03
86	0.58980595E-03	0.14286187E-03
87	0.60519919E-03	0.16418335E-03
88	0.62248542E-03	0.18078924E-03
89	0.64121664E-03	0.19318337E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.66100620E-03	0.20210004E-03
91	0.68155432E-03	0.20854593E-03
92	0.70267514E-03	0.21378478E-03
93	0.72431983E-03	0.21928156E-03
94	0.74659177E-03	0.22658888E-03
95	0.76974626E-03	0.23715549E-03
96	0.79416670E-03	0.25203655E-03
97	0.82031026E-03	0.27161819E-03
98	0.84864703E-03	0.29590045E-03
99	0.87964704E-03	0.32488327E-03
100	0.91378036E-03	0.35856670E-03
101	0.95151778E-03	0.39697252E-03
102	0.99333609E-03	0.44021432E-03
103	0.10397303E-02	0.48854569E-03
104	0.10912280E-02	0.54236013E-03
105	0.11484029E-02	0.60219114E-03
106	0.12118892E-02	0.66871208E-03
107	0.12823954E-02	0.74273633E-03
108	0.13607184E-02	0.82521734E-03
109	0.14477572E-02	0.91724831E-03
110	0.15445275E-02	0.10200625E-02
111	0.16513470E-02	0.11101974E-02
112	0.17653669E-02	0.11643303E-02
113	0.18830681E-02	0.11841143E-02
114	0.20011046E-02	0.11713424E-02
115	0.21163160E-02	0.11279478E-02
116	0.22257424E-02	0.10560035E-02
117	0.23266387E-02	0.95772237E-03
118	0.24164876E-02	0.83545741E-03
119	0.24930139E-02	0.69170137E-03
120	0.25541992E-02	0.52908715E-03
121	0.25982950E-02	0.35038753E-03
122	0.26238374E-02	0.15851528E-03
123	0.26296608E-02	-0.43476954E-04
124	0.26149112E-02	-0.25239648E-03
125	0.25790618E-02	-0.46491070E-03
126	0.25219251E-02	-0.67754707E-03
127	0.24436687E-02	-0.88669301E-03
128	0.23448279E-02	-0.10885961E-02
129	0.22263206E-02	-0.12793638E-02
130	0.20894606E-02	-0.14549637E-02
131	0.19359725E-02	-0.16112237E-02
132	0.17680044E-02	-0.17438311E-02
133	0.15881431E-02	-0.18483340E-02
134	0.13994275E-02	-0.19201399E-02
135	0.12053627E-02	-0.19545166E-02

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.10099342E-02	-0.19465926E-02
137	0.81762136E-03	-0.18913551E-02
138	0.63341210E-03	-0.17836505E-02
139	0.46284441E-03	-0.16173507E-02
140	0.31253122E-03	-0.13733723E-02
141	0.19004711E-03	-0.10730798E-02
142	0.97812750E-04	-0.77586307E-03
143	0.33646455E-04	-0.51548751E-03
144	-0.70022911E-05	-0.30663793E-03
145	-0.29464783E-04	-0.15129792E-03
146	-0.38881091E-04	-0.44534405E-04
147	-0.39717219E-04	0.21862523E-04
148	-0.35539426E-04	0.57334229E-04
149	-0.28979885E-04	0.70920563E-04
150	-0.21826494E-04	0.70371490E-04
151	-0.15173342E-04	0.61789739E-04
152	-0.95881624E-05	0.49619528E-04
153	-0.52699129E-05	0.36835023E-04
154	-0.21822502E-05	0.25217752E-04
155	-0.15838057E-06	0.15639940E-04
156	0.10215319E-05	0.83359591E-05
157	0.15801643E-05	0.31725692E-05
158	0.17169979E-05	-0.16225991E-06
159	0.15956761E-05	-0.20581740E-05
160	0.13402781E-05	-0.29066382E-05
161	0.10376988E-05	-0.30545928E-05
162	0.74334326E-06	-0.27830361E-05
163	0.48806010E-06	-0.23024243E-05
164	0.28497675E-06	-0.17582621E-05
165	0.13548133E-06	-0.12418898E-05
166	0.34038276E-07	-0.80233292E-06
167	-0.28154624E-07	-0.45785720E-06
168	-0.60668896E-07	-0.20745347E-06
169	-0.72407460E-07	-0.39913953E-07
170	-0.70881001E-07	0.60746089E-07
171	-0.61913838E-07	0.11173809E-06
172	-0.49657292E-07	0.12901285E-06
173	-0.36788474E-07	0.12597145E-06
174	-0.24794113E-07	0.11299662E-06
175	-0.14273733E-07	0.97484381E-07
176	-0.52254299E-08	0.84126384E-07
177	0.27001203E-08	0.75225692E-07
178	0.99766035E-08	0.71031863E-07
179	0.17012786E-07	0.70026793E-07

STEP DI CARICO NO. 13

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.98984361E-04	-0.69280031E-05
2	0.98297467E-04	-0.67509786E-05
3	0.97654833E-04	-0.59540030E-05
4	0.97140757E-04	-0.41342973E-05
5	0.96869626E-04	-0.10651156E-05
6	0.96975898E-04	0.34491336E-05
7	0.97615113E-04	0.96333188E-05
8	0.98966477E-04	0.17734950E-04
9	0.10123466E-03	0.28013425E-04
10	0.10465023E-03	0.40723873E-04
11	0.10946811E-03	0.56094363E-04
12	0.11596351E-03	0.74297153E-04
13	0.12442467E-03	0.95413983E-04
14	0.13514388E-03	0.11945830E-03
15	0.14841392E-03	0.14643019E-03
16	0.16445710E-03	0.17421730E-03
17	0.18321416E-03	0.20070757E-03
18	0.20455541E-03	0.22590195E-03
19	0.22835140E-03	0.24980222E-03
20	0.25447280E-03	0.27241107E-03
21	0.28279069E-03	0.29373227E-03
22	0.31317654E-03	0.31377157E-03
23	0.34550260E-03	0.33253827E-03
24	0.37964227E-03	0.35004676E-03
25	0.41547065E-03	0.36631708E-03
26	0.45286684E-03	0.38142249E-03
27	0.49172255E-03	0.39554885E-03
28	0.53195434E-03	0.40900707E-03
29	0.57351624E-03	0.42223386E-03
30	0.61641214E-03	0.43579185E-03
31	0.66070858E-03	0.45036897E-03
32	0.70654700E-03	0.46677701E-03
33	0.75415609E-03	0.48594864E-03
34	0.80386380E-03	0.50893310E-03
35	0.85610844E-03	0.53688954E-03
36	0.91100961E-03	0.55788277E-03
37	0.96705806E-03	0.56006713E-03
38	0.10224439E-02	0.54487784E-03
39	0.10755053E-02	0.51383785E-03
40	0.11247372E-02	0.46857036E-03
41	0.11688030E-02	0.41081218E-03
42	0.12065449E-02	0.34241329E-03
43	0.12369964E-02	0.26533721E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.12593924E-02	0.18166077E-03
45	0.12731815E-02	0.93574250E-04
46	0.12780370E-02	0.33812632E-05
47	0.12738681E-02	-0.86501146E-04
48	0.12608315E-02	-0.17354256E-03
49	0.12393425E-02	-0.25509918E-03
50	0.12100864E-02	-0.32841379E-03
51	0.11740301E-02	-0.39061578E-03
52	0.11323824E-02	-0.44024157E-03
53	0.10864011E-02	-0.47729106E-03
54	0.10373434E-02	-0.50176436E-03
55	0.98646735E-03	-0.51366148E-03
56	0.93503034E-03	-0.51298243E-03
57	0.88429009E-03	-0.49972709E-03
58	0.83550415E-03	-0.47389552E-03
59	0.78993017E-03	-0.43548757E-03
60	0.74882584E-03	-0.38450316E-03
61	0.71315939E-03	-0.32962309E-03
62	0.68274175E-03	-0.27952768E-03
63	0.65709447E-03	-0.23421492E-03
64	0.63573947E-03	-0.19368078E-03
65	0.61819924E-03	-0.15791752E-03
66	0.60399738E-03	-0.12691163E-03
67	0.59265952E-03	-0.10062827E-03
68	0.58371777E-03	-0.78964236E-04
69	0.57671958E-03	-0.61713516E-04
70	0.57123840E-03	-0.48562335E-04
71	0.56688447E-03	-0.39089300E-04
72	0.56331523E-03	-0.32774631E-04
73	0.56024676E-03	-0.28944576E-04
74	0.55747293E-03	-0.26716440E-04
75	0.55488525E-03	-0.25034567E-04
76	0.55248610E-03	-0.22749518E-04
77	0.55039243E-03	-0.18751982E-04
78	0.54882164E-03	-0.12176936E-04
79	0.54805441E-03	-0.26813241E-05
80	0.54838293E-03	0.97411312E-05
81	0.55010058E-03	0.25101946E-04
82	0.55350189E-03	0.43419423E-04
83	0.55888388E-03	0.64720138E-04
84	0.56654663E-03	0.89042936E-04
85	0.57679589E-03	0.11646837E-03
86	0.58980595E-03	0.14286187E-03
87	0.60519919E-03	0.16418335E-03
88	0.62248542E-03	0.18078924E-03
89	0.64121664E-03	0.19318337E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.66100620E-03	0.20210005E-03
91	0.68155432E-03	0.20854593E-03
92	0.70267514E-03	0.21378478E-03
93	0.72431983E-03	0.21928156E-03
94	0.74659177E-03	0.22658888E-03
95	0.76974626E-03	0.23715549E-03
96	0.79416670E-03	0.25203655E-03
97	0.82031026E-03	0.27161819E-03
98	0.84864703E-03	0.29590045E-03
99	0.87964704E-03	0.32488327E-03
100	0.91378036E-03	0.35856670E-03
101	0.95151778E-03	0.39697252E-03
102	0.99333609E-03	0.44021432E-03
103	0.10397303E-02	0.48854569E-03
104	0.10912280E-02	0.54236013E-03
105	0.11484029E-02	0.60219108E-03
106	0.12118892E-02	0.66871202E-03
107	0.12823954E-02	0.74273633E-03
108	0.13607184E-02	0.82521728E-03
109	0.14477572E-02	0.91724831E-03
110	0.15445275E-02	0.10200625E-02
111	0.16513470E-02	0.11101974E-02
112	0.17653669E-02	0.11643302E-02
113	0.18830681E-02	0.11841141E-02
114	0.20011044E-02	0.11713423E-02
115	0.21163158E-02	0.11279478E-02
116	0.22257424E-02	0.10560035E-02
117	0.23266387E-02	0.95772243E-03
118	0.24164873E-02	0.83545747E-03
119	0.24930139E-02	0.69170154E-03
120	0.25541992E-02	0.52908744E-03
121	0.25982950E-02	0.35038800E-03
122	0.26238377E-02	0.15851593E-03
123	0.26296610E-02	-0.43476070E-04
124	0.26149114E-02	-0.25239537E-03
125	0.25790620E-02	-0.46490939E-03
126	0.25219256E-02	-0.67754561E-03
127	0.24436694E-02	-0.88669144E-03
128	0.23448288E-02	-0.10885946E-02
129	0.22263215E-02	-0.12793624E-02
130	0.20894618E-02	-0.14549627E-02
131	0.19359736E-02	-0.16112229E-02
132	0.17680057E-02	-0.17438307E-02
133	0.15881443E-02	-0.18483340E-02
134	0.13994287E-02	-0.19201406E-02
135	0.12053639E-02	-0.19545180E-02

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.10099352E-02	-0.19465944E-02
137	0.81762212E-03	-0.18913571E-02
138	0.63341268E-03	-0.17836525E-02
139	0.46284482E-03	-0.16173524E-02
140	0.31253145E-03	-0.13733736E-02
141	0.19004724E-03	-0.10730807E-02
142	0.97812794E-04	-0.77586377E-03
143	0.33646447E-04	-0.51548792E-03
144	-0.70023307E-05	-0.30663816E-03
145	-0.29464836E-04	-0.15129798E-03
146	-0.38881146E-04	-0.44534372E-04
147	-0.39717266E-04	0.21862606E-04
148	-0.35539466E-04	0.57334331E-04
149	-0.28979912E-04	0.70920658E-04
150	-0.21826514E-04	0.70371578E-04
151	-0.15173353E-04	0.61789804E-04
152	-0.95881687E-05	0.49619575E-04
153	-0.52699147E-05	0.36835056E-04
154	-0.21822495E-05	0.25217771E-04
155	-0.15837858E-06	0.15639947E-04
156	0.10215344E-05	0.83359610E-05
157	0.15801667E-05	0.31725672E-05
158	0.17170000E-05	-0.16226404E-06
159	0.15956778E-05	-0.20581786E-05
160	0.13402794E-05	-0.29066427E-05
161	0.10376996E-05	-0.30545966E-05
162	0.74334372E-06	-0.27830390E-05
163	0.48806032E-06	-0.23024263E-05
164	0.28497681E-06	-0.17582634E-05
165	0.13548129E-06	-0.12418905E-05
166	0.34038184E-07	-0.80233326E-06
167	-0.28154735E-07	-0.45785725E-06
168	-0.60669002E-07	-0.20745337E-06
169	-0.72407552E-07	-0.39913786E-07
170	-0.70881079E-07	0.60746274E-07
171	-0.61913902E-07	0.11173826E-06
172	-0.49657334E-07	0.12901300E-06
173	-0.36788506E-07	0.12597158E-06
174	-0.24794133E-07	0.11299672E-06
175	-0.14273742E-07	0.97484467E-07
176	-0.52254321E-08	0.84126448E-07
177	0.27001246E-08	0.75225749E-07
178	0.99766133E-08	0.71031920E-07
179	0.17012800E-07	0.70026843E-07

STEP DI CARICO NO. 14

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.30573523E-04	0.16868587E-03
2	0.47461461E-04	0.16926641E-03
3	0.64494139E-04	0.17186695E-03
4	0.81949554E-04	0.17790863E-03
5	0.10021978E-03	0.18826775E-03
6	0.11975901E-03	0.20330402E-03
7	0.14103828E-03	0.22307117E-03
8	0.16453140E-03	0.24758326E-03
9	0.19071344E-03	0.27685059E-03
10	0.22006028E-03	0.31088048E-03
11	0.25304846E-03	0.34967787E-03
12	0.29015489E-03	0.39324613E-03
13	0.33185678E-03	0.44158753E-03
14	0.37863155E-03	0.49470394E-03
15	0.43095680E-03	0.55259716E-03
16	0.48905931E-03	0.60773914E-03
17	0.55216532E-03	0.65270130E-03
18	0.61926944E-03	0.68776100E-03
19	0.68940176E-03	0.71334874E-03
20	0.76164294E-03	0.73004834E-03
21	0.83513971E-03	0.73859649E-03
22	0.90912031E-03	0.73988631E-03
23	0.98290993E-03	0.73496602E-03
24	0.10559463E-02	0.72503119E-03
25	0.11277938E-02	0.71142393E-03
26	0.11981585E-02	0.69563708E-03
27	0.12669035E-02	0.67931600E-03
28	0.13340638E-02	0.66425838E-03
29	0.13998622E-02	0.65241416E-03
30	0.14647238E-02	0.64588577E-03
31	0.15292917E-02	0.64692809E-03
32	0.15944421E-02	0.65794826E-03
33	0.16612993E-02	0.68150583E-03
34	0.17312515E-02	0.72031276E-03
35	0.18059657E-02	0.77723333E-03
36	0.18863530E-02	0.82379935E-03
37	0.19694364E-02	0.83169475E-03
38	0.20515136E-02	0.80424111E-03
39	0.21292223E-02	0.74491225E-03
40	0.21995546E-02	0.65733440E-03
41	0.22598733E-02	0.54528611E-03
42	0.23079270E-02	0.41269846E-03
43	0.23418646E-02	0.26365477E-03

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.23602508E-02	0.10239079E-03
45	0.23620815E-02	-0.66705317E-04
46	0.23467999E-02	-0.23909306E-03
47	0.23143098E-02	-0.41007952E-03
48	0.22649923E-02	-0.57481945E-03
49	0.21997206E-02	-0.72831521E-03
50	0.21198757E-02	-0.86541666E-03
51	0.20273605E-02	-0.98082155E-03
52	0.19245242E-02	-0.10718404E-02
53	0.18138053E-02	-0.11384733E-02
54	0.16976424E-02	-0.11807203E-02
55	0.15784742E-02	-0.11985813E-02
56	0.14587390E-02	-0.11920563E-02
57	0.13408758E-02	-0.11611454E-02
58	0.12273228E-02	-0.11058485E-02
59	0.11205189E-02	-0.10261657E-02
60	0.10229026E-02	-0.92209683E-03
61	0.93638775E-03	-0.80938177E-03
62	0.86078979E-03	-0.70376019E-03
63	0.79539925E-03	-0.60523208E-03
64	0.73950691E-03	-0.51379745E-03
65	0.69240335E-03	-0.42945633E-03
66	0.65337919E-03	-0.35220865E-03
67	0.62172516E-03	-0.28205448E-03
68	0.59673184E-03	-0.21899377E-03
69	0.57768996E-03	-0.16302655E-03
70	0.56389399E-03	-0.11403511E-03
71	0.55467902E-03	-0.71161041E-04
72	0.54951990E-03	-0.32544183E-04
73	0.54811017E-03	0.42719153E-05
74	0.55040297E-03	0.41947922E-04
75	0.55660750E-03	0.82856350E-04
76	0.56713249E-03	0.12851329E-03
77	0.58248680E-03	0.17946953E-03
78	0.60320913E-03	0.23590842E-03
79	0.62985788E-03	0.29803038E-03
80	0.66301110E-03	0.36602793E-03
81	0.70326502E-03	0.44007087E-03
82	0.75123145E-03	0.52029936E-03
83	0.80753525E-03	0.60683989E-03
84	0.87281677E-03	0.69990085E-03
85	0.94774511E-03	0.79985126E-03
86	0.10325729E-02	0.89337956E-03
87	0.11257689E-02	0.96734456E-03
88	0.12254191E-02	0.10226266E-02
89	0.13297067E-02	0.10602849E-02

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
90	0.14369300E-02	0.10815605E-02
91	0.15455203E-02	0.10878787E-02
92	0.16540609E-02	0.10808507E-02
93	0.17613055E-02	0.10622747E-02
94	0.18661971E-02	0.10341360E-02
95	0.19678865E-02	0.99860830E-03
96	0.20657510E-02	0.95805270E-03
97	0.21594143E-02	0.91501820E-03
98	0.22487633E-02	0.87224151E-03
99	0.23339686E-02	0.83264674E-03
100	0.24155024E-02	0.79934532E-03
101	0.24941575E-02	0.77563588E-03
102	0.25710654E-02	0.76500396E-03
103	0.26477166E-02	0.77112200E-03
104	0.27259770E-02	0.79784926E-03
105	0.28081082E-02	0.84923173E-03
106	0.28967862E-02	0.92950178E-03
107	0.29951187E-02	0.10430780E-02
108	0.31066656E-02	0.11945650E-02
109	0.32354551E-02	0.13887528E-02
110	0.33860053E-02	0.16306164E-02
111	0.35609310E-02	0.18530517E-02
112	0.37537373E-02	0.19891383E-02
113	0.39560646E-02	0.20444004E-02
114	0.41601136E-02	0.20245535E-02
115	0.43586683E-02	0.19355053E-02
116	0.45451112E-02	0.17833506E-02
117	0.47134445E-02	0.15743702E-02
118	0.48583066E-02	0.13150317E-02
119	0.49749939E-02	0.10119907E-02
120	0.50594760E-02	0.67209150E-03
121	0.51084179E-02	0.30236589E-03
122	0.51191957E-02	-0.89967943E-04
123	0.50899177E-02	-0.49750577E-03
124	0.50194408E-02	-0.91265788E-03
125	0.49073915E-02	-0.13276492E-02
126	0.47541815E-02	-0.17345195E-02
127	0.45610298E-02	-0.21251235E-02
128	0.43299771E-02	-0.24911296E-02
129	0.40639075E-02	-0.28240199E-02
130	0.37665670E-02	-0.31150896E-02
131	0.34425801E-02	-0.33554479E-02
132	0.30974704E-02	-0.35360171E-02
133	0.27376784E-02	-0.36475339E-02
134	0.23705803E-02	-0.36805477E-02
135	0.20045068E-02	-0.36254218E-02

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NOD	Y-DISPL [m]	X-ROT [rad]
136	0.16480754E-02	-0.34929148E-02
137	0.13081508E-02	-0.32936004E-02
138	0.99192199E-03	-0.30172833E-02
139	0.70760702E-03	-0.26535795E-02
140	0.46447149E-03	-0.21919152E-02
141	0.27106469E-03	-0.16750298E-02
142	0.12863612E-03	-0.11830274E-02
143	0.32055494E-04	-0.76313666E-03
144	-0.27006507E-04	-0.43370476E-03
145	-0.57683730E-04	-0.19422101E-03
146	-0.68498004E-04	-0.34156237E-04
147	-0.66659377E-04	0.61576611E-04
148	-0.57786208E-04	0.10920375E-03
149	-0.45923818E-04	0.12367504E-03
150	-0.33741104E-04	0.11744922E-03
151	-0.22804876E-04	0.10009635E-03
152	-0.13866312E-04	0.78409139E-04
153	-0.71206900E-05	0.56792705E-04
154	-0.24213848E-05	0.37767844E-04
155	0.55698683E-06	0.22466214E-04
156	0.22022020E-05	0.11074902E-04
157	0.28906034E-05	0.32426765E-05
158	0.29492737E-05	-0.16334540E-05
159	0.26394575E-05	-0.42432384E-05
160	0.21541553E-05	-0.52471505E-05
161	0.16246732E-05	-0.52116875E-05
162	0.11315780E-05	-0.45834158E-05
163	0.71689311E-06	-0.36880529E-05
164	0.39558921E-06	-0.27440351E-05
165	0.16532589E-06	-0.18828230E-05
166	0.14055517E-07	-0.11706835E-05
167	-0.74432457E-07	-0.62719300E-06
168	-0.11669407E-06	-0.24303191E-06
169	-0.12757003E-06	0.51934621E-08
170	-0.11920835E-06	0.14682954E-06
171	-0.10076887E-06	0.21152310E-06
172	-0.78587618E-07	0.22570009E-06
173	-0.56594558E-07	0.21090592E-06
174	-0.36830862E-07	0.18337892E-06
175	-0.19969139E-07	0.15434101E-06
176	-0.57856160E-08	0.13061437E-06
177	0.64330270E-08	0.11526649E-06
178	0.17543236E-07	0.10818523E-06
179	0.28250472E-07	0.10651593E-06

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.11266E-03	3
2	-0.10000	0.10738E-03	3
3	-0.20000	0.10209E-03	3
4	-0.30000	0.10055E-03	4
5	-0.40000	0.10087E-03	4
6	-0.50000	0.11976E-03	14
7	-0.60000	0.14104E-03	14
8	-0.70000	0.16453E-03	14
9	-0.80000	0.19071E-03	14
10	-0.90000	0.22006E-03	14
11	-1.0000	0.25305E-03	14
12	-1.1000	0.29015E-03	14
13	-1.2000	0.33186E-03	14
14	-1.3000	0.37863E-03	14
15	-1.4000	0.43096E-03	14
16	-1.5000	0.48906E-03	14
17	-1.6000	0.55217E-03	14
18	-1.7000	0.61927E-03	14
19	-1.8000	0.68940E-03	14
20	-1.9000	0.76164E-03	14
21	-2.0000	0.83514E-03	14
22	-2.1000	0.90912E-03	14
23	-2.2000	0.98291E-03	14
24	-2.3000	0.10559E-02	14
25	-2.4000	0.11278E-02	14
26	-2.5000	0.11982E-02	14
27	-2.6000	0.12669E-02	14
28	-2.7000	0.13341E-02	14
29	-2.8000	0.13999E-02	14
30	-2.9000	0.14647E-02	14
31	-3.0000	0.15293E-02	14
32	-3.1000	0.15944E-02	14
33	-3.2000	0.16613E-02	14
34	-3.3000	0.17313E-02	14
35	-3.4000	0.18060E-02	14
36	-3.5000	0.18864E-02	14
37	-3.6000	0.19694E-02	14
38	-3.7000	0.20515E-02	14

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.21292E-02	14
40	-3.9000	0.21996E-02	14
41	-4.0000	0.22599E-02	14
42	-4.1000	0.23079E-02	14
43	-4.2000	0.23419E-02	14
44	-4.3000	0.23603E-02	14
45	-4.4000	0.23621E-02	14
46	-4.5000	0.23468E-02	14
47	-4.6000	0.23143E-02	14
48	-4.7000	0.22650E-02	14
49	-4.8000	0.21997E-02	14
50	-4.9000	0.21199E-02	14
51	-5.0000	0.20274E-02	14
52	-5.1000	0.19245E-02	14
53	-5.2000	0.18138E-02	14
54	-5.3000	0.16976E-02	14
55	-5.4000	0.15785E-02	14
56	-5.5000	0.14587E-02	14
57	-5.6000	0.13409E-02	14
58	-5.7000	0.12273E-02	14
59	-5.8000	0.11205E-02	14
60	-5.9000	0.10229E-02	14
61	-6.0000	0.93639E-03	14
62	-6.1000	0.86079E-03	14
63	-6.2000	0.79540E-03	14
64	-6.3000	0.73951E-03	14
65	-6.4000	0.69240E-03	14
66	-6.5000	0.65338E-03	14
67	-6.6000	0.62173E-03	14
68	-6.7000	0.59673E-03	14
69	-6.8000	0.57770E-03	9
70	-6.9000	0.57371E-03	9
71	-7.0000	0.57097E-03	9
72	-7.1000	0.56902E-03	9
73	-7.2000	0.56742E-03	9
74	-7.3000	0.56570E-03	9
75	-7.4000	0.56342E-03	9
76	-7.5000	0.56713E-03	14
77	-7.6000	0.58249E-03	14
78	-7.7000	0.60321E-03	14
79	-7.8000	0.62986E-03	14
80	-7.9000	0.66301E-03	14
81	-8.0000	0.70327E-03	14
82	-8.1000	0.75123E-03	14
83	-8.2000	0.80754E-03	14
84	-8.3000	0.87282E-03	14

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
85	-8.4000	0.94775E-03	14
86	-8.5000	0.10326E-02	14
87	-8.6000	0.11258E-02	14
88	-8.7000	0.12254E-02	14
89	-8.8000	0.13297E-02	14
90	-8.9000	0.14369E-02	14
91	-9.0000	0.15455E-02	14
92	-9.1000	0.16541E-02	14
93	-9.2000	0.17613E-02	14
94	-9.3000	0.18662E-02	14
95	-9.4000	0.19679E-02	14
96	-9.5000	0.20658E-02	14
97	-9.6000	0.21594E-02	14
98	-9.7000	0.22488E-02	14
99	-9.8000	0.23340E-02	14
100	-9.9000	0.24155E-02	14
101	-10.000	0.24942E-02	14
102	-10.100	0.25711E-02	14
103	-10.200	0.26477E-02	14
104	-10.300	0.27260E-02	14
105	-10.400	0.28081E-02	14
106	-10.500	0.28968E-02	14
107	-10.600	0.29951E-02	14
108	-10.700	0.31067E-02	14
109	-10.800	0.32355E-02	14
110	-10.900	0.33860E-02	14
111	-11.000	0.35609E-02	14
112	-11.100	0.37537E-02	14
113	-11.200	0.39561E-02	14
114	-11.300	0.41601E-02	14
115	-11.400	0.43587E-02	14
116	-11.500	0.45451E-02	14
117	-11.600	0.47134E-02	14
118	-11.700	0.48583E-02	14
119	-11.800	0.49750E-02	14
120	-11.900	0.50595E-02	14
121	-12.000	0.51084E-02	14
122	-12.100	0.51192E-02	14
123	-12.200	0.50899E-02	14
124	-12.300	0.50194E-02	14
125	-12.400	0.49074E-02	14
126	-12.500	0.47542E-02	14
127	-12.600	0.45610E-02	14
128	-12.700	0.43300E-02	14
129	-12.800	0.40639E-02	14
130	-12.900	0.37666E-02	14

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
131	-13.000	0.34426E-02	14
132	-13.100	0.30975E-02	14
133	-13.200	0.27377E-02	14
134	-13.300	0.23706E-02	14
135	-13.400	0.20045E-02	14
136	-13.500	0.16481E-02	14
137	-13.600	0.13082E-02	14
138	-13.700	0.99192E-03	14
139	-13.800	0.70761E-03	14
140	-13.900	0.46447E-03	14
141	-14.000	0.27106E-03	14
142	-14.100	0.12864E-03	14
143	-14.200	0.33646E-04	12
144	-14.300	-0.27007E-04	14
145	-14.400	-0.57684E-04	14
146	-14.500	-0.68498E-04	14
147	-14.600	-0.66659E-04	14
148	-14.700	-0.57786E-04	14
149	-14.800	-0.45924E-04	14
150	-14.900	-0.33741E-04	14
151	-15.000	-0.22805E-04	14
152	-15.100	-0.13866E-04	14
153	-15.200	-0.71207E-05	14
154	-15.300	-0.24214E-05	14
155	-15.400	0.55699E-06	14
156	-15.500	0.22022E-05	14
157	-15.600	0.28906E-05	14
158	-15.700	0.29493E-05	14
159	-15.800	0.26395E-05	14
160	-15.900	0.21542E-05	14
161	-16.000	0.16247E-05	14
162	-16.100	0.11316E-05	14
163	-16.200	0.71689E-06	14
164	-16.300	0.39559E-06	14
165	-16.400	0.16533E-06	14
166	-16.500	0.34038E-07	12
167	-16.600	-0.74432E-07	14
168	-16.700	-0.11669E-06	14
169	-16.800	-0.12757E-06	14
170	-16.900	-0.11921E-06	14
171	-17.000	-0.10077E-06	14
172	-17.100	-0.78588E-07	14
173	-17.200	-0.56595E-07	14
174	-17.300	-0.36831E-07	14
175	-17.400	-0.19969E-07	14
176	-17.500	-0.57856E-08	14

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE	PARETE LeftWall
177	-17.600	0.64330E-08	14	
178	-17.700	0.17543E-07	14	
179	-17.800	0.28250E-07	14	

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 14
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.2531E-13	0.5229E-13	0.4389
	B	-0.1000	0.4389E-01	0.1279E-12	0.4389
2	A	-0.1000	0.4389E-01	0.1310E-12	1.088
	B	-0.2000	0.1527	0.5063E-13	1.088
3	A	-0.2000	0.1527	0.	1.513
	B	-0.3000	0.3040	0.8882E-15	1.513
4	A	-0.3000	0.3040	0.	1.751
	B	-0.4000	0.4791	0.2309E-13	1.751
5	A	-0.4000	0.4791	0.3908E-13	1.785
	B	-0.5000	0.6576	0.	1.785
6	A	-0.5000	0.6576	0.3020E-13	1.791
	B	-0.6000	0.8368	0.5329E-13	1.791
7	A	-0.6000	0.8368	0.2531E-13	1.796
	B	-0.7000	1.016	0.9148E-13	1.796
8	A	-0.7000	1.016	0.4174E-13	1.799
	B	-0.8000	1.196	0.5862E-13	1.799
9	A	-0.8000	1.196	0.3153E-13	1.801
	B	-0.9000	1.376	0.7905E-13	1.801
10	A	-0.9000	1.376	0.4219E-13	1.803
	B	-1.000	1.557	0.5773E-13	1.803
11	A	-1.000	1.557	0.7816E-13	1.804
	B	-1.100	1.737	0.9948E-13	1.804
12	A	-1.100	1.737	0.9415E-13	1.805
	B	-1.200	1.918	0.1528E-12	1.805
13	A	-1.200	1.918	0.1226E-12	1.805
	B	-1.300	2.098	0.1078E-10	1.805
14	A	-1.300	2.098	0.1080E-10	1.806
	B	-1.400	2.279	0.6790E-10	1.806
15	A	-1.400	2.279	0.6791E-10	3.886
	B	-1.500	1.890	0.1509E-09	3.886
16	A	-1.500	1.890	0.1509E-09	3.810
	B	-1.600	1.509	0.2338E-09	3.810
17	A	-1.600	1.509	0.2338E-09	3.676
	B	-1.700	1.141	0.	3.676

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	1.141	0.	3.485
	B	-1.800	0.8937	0.	3.485
19	A	-1.800	0.8937	0.	3.235
	B	-1.900	0.8478	0.7916E-01	3.235
20	A	-1.900	0.8478	0.7916E-01	2.927
	B	-2.000	0.8020	0.1851	2.927
21	A	-2.000	0.8020	0.1851	2.560
	B	-2.100	0.7562	0.2910	2.560
22	A	-2.100	0.7562	0.2910	2.135
	B	-2.200	0.7103	0.3970	2.135
23	A	-2.200	0.7103	0.3970	1.656
	B	-2.300	0.6649	0.5029	1.656
24	A	-2.300	0.6649	0.5029	1.120
	B	-2.400	0.6195	0.6089	1.120
25	A	-2.400	0.6195	0.6089	1.025
	B	-2.500	0.5775	0.7114	1.025
26	A	-2.500	0.5775	0.7114	0.9469
	B	-2.600	0.5432	0.8060	0.9469
27	A	-2.600	0.5432	0.8060	0.8317
	B	-2.700	0.5208	0.8886	0.8317
28	A	-2.700	0.5208	0.8886	1.598
	B	-2.800	0.5146	0.9549	1.598
29	A	-2.800	0.5146	0.9549	2.421
	B	-2.900	0.5291	1.000	2.421
30	A	-2.900	0.5291	1.000	3.302
	B	-3.000	0.5774	1.021	3.302
31	A	-3.000	0.5774	1.021	4.241
	B	-3.100	0.6631	1.013	4.241
32	A	-3.100	0.6631	1.013	5.237
	B	-3.200	1.152	0.9706	5.237
33	A	-3.200	1.152	0.9706	6.291
	B	-3.300	1.781	0.8908	6.291
34	A	-3.300	1.781	0.8908	7.403
	B	-3.400	2.522	0.7689	7.403
35	A	-3.400	2.522	0.7689	15.23
	B	-3.500	0.9987	0.6006	15.23
36	A	-3.500	0.9987	0.6006	14.00
	B	-3.600	0.	0.4324	14.00
37	A	-3.600	0.	0.4324	12.72
	B	-3.700	0.	1.674	12.72
38	A	-3.700	0.	1.674	11.38
	B	-3.800	0.2691	2.812	11.38
39	A	-3.800	0.2691	2.812	9.978
	B	-3.900	0.8282	3.809	9.978
40	A	-3.900	0.8282	3.809	8.521
	B	-4.000	1.117	4.661	8.521

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	1.117	4.661	7.007
	B	-4.100	1.210	5.362	7.007
42	A	-4.100	1.210	5.362	5.434
	B	-4.200	1.172	5.906	5.434
43	A	-4.200	1.172	5.906	3.804
	B	-4.300	1.053	6.286	3.804
44	A	-4.300	1.053	6.286	2.117
	B	-4.400	0.8934	6.498	2.117
45	A	-4.400	0.8934	6.498	1.731
	B	-4.500	0.7202	6.535	1.731
46	A	-4.500	0.7202	6.535	1.690
	B	-4.600	0.5512	6.392	1.690
47	A	-4.600	0.5512	6.392	3.291
	B	-4.700	0.3944	6.063	3.291
48	A	-4.700	0.3944	6.063	5.209
	B	-4.800	0.2538	5.542	5.209
49	A	-4.800	0.2538	5.542	7.185
	B	-4.900	0.1299	4.823	7.185
50	A	-4.900	0.1299	4.823	9.218
	B	-5.000	0.2090E-01	3.901	9.218
51	A	-5.000	0.2090E-01	3.901	9.218
	B	-5.100	0.3855E-04	2.980	9.218
52	A	-5.100	0.3855E-04	2.980	9.218
	B	-5.200	0.	2.058	9.218
53	A	-5.200	0.	2.058	9.218
	B	-5.300	0.	1.492	9.218
54	A	-5.300	0.	1.492	9.218
	B	-5.400	0.	1.053	9.218
55	A	-5.400	0.	1.053	9.218
	B	-5.500	0.7075	0.6147	9.218
56	A	-5.500	0.7075	0.6147	9.218
	B	-5.600	1.629	0.1762	9.218
57	A	-5.600	1.629	0.1762	9.218
	B	-5.700	2.551	0.2508E-01	9.218
58	A	-5.700	2.551	0.2508E-01	9.218
	B	-5.800	3.473	0.1428E-01	9.218
59	A	-5.800	3.473	0.1428E-01	9.218
	B	-5.900	4.395	0.6460E-02	9.218
60	A	-5.900	4.395	0.6460E-02	4.385
	B	-6.000	4.127	0.1375E-02	4.385
61	A	-6.000	4.127	0.1375E-02	4.386
	B	-6.100	3.858	0.	4.386
62	A	-6.100	3.858	0.	4.386
	B	-6.200	3.590	0.	4.386
63	A	-6.200	3.590	0.	4.952
	B	-6.300	3.322	0.	4.952

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	3.322	0.	9.969
	B	-6.400	3.947	0.	9.969
65	A	-6.400	3.947	0.	2.681
	B	-6.500	4.036	0.	2.681
66	A	-6.500	4.036	0.	4.379
	B	-6.600	3.599	0.	4.379
67	A	-6.600	3.599	0.	6.759
	B	-6.700	2.923	0.	6.759
68	A	-6.700	2.923	0.	7.197
	B	-6.800	2.203	0.	7.197
69	A	-6.800	2.203	0.	6.609
	B	-6.900	1.722	0.3952E-08	6.609
70	A	-6.900	1.722	0.3952E-08	5.575
	B	-7.000	1.519	0.3417E-07	5.575
71	A	-7.000	1.519	0.3417E-07	4.347
	B	-7.100	1.400	0.6540E-04	4.347
72	A	-7.100	1.400	0.6540E-04	3.145
	B	-7.200	1.383	0.4181E-01	3.145
73	A	-7.200	1.383	0.4181E-01	2.092
	B	-7.300	1.465	0.2128	2.092
74	A	-7.300	1.465	0.2128	1.710
	B	-7.400	1.627	0.3839	1.710
75	A	-7.400	1.627	0.3839	1.972
	B	-7.500	1.824	0.5549	1.972
76	A	-7.500	1.824	0.5549	2.035
	B	-7.600	2.028	0.7260	2.035
77	A	-7.600	2.028	0.7260	2.110
	B	-7.700	2.239	0.8970	2.110
78	A	-7.700	2.239	0.8970	2.186
	B	-7.800	2.458	1.068	2.186
79	A	-7.800	2.458	1.068	2.256
	B	-7.900	2.683	1.239	2.256
80	A	-7.900	2.683	1.239	2.315
	B	-8.000	2.915	1.410	2.315
81	A	-8.000	2.915	1.410	2.362
	B	-8.100	3.151	1.581	2.362
82	A	-8.100	3.151	1.581	2.410
	B	-8.200	3.392	1.752	2.410
83	A	-8.200	3.392	1.752	2.519
	B	-8.300	3.644	1.923	2.519
84	A	-8.300	3.644	1.923	2.689
	B	-8.400	3.913	2.094	2.689
85	A	-8.400	3.913	2.094	7.545
	B	-8.500	3.158	2.265	7.545
86	A	-8.500	3.158	2.265	7.245
	B	-8.600	2.434	2.219	7.245

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
87	A	-8.600	2.434	2.219	6.879
	B	-8.700	1.746	1.699	6.879
88	A	-8.700	1.746	1.699	12.79
	B	-8.800	1.101	0.4199	12.79
89	A	-8.800	1.101	0.4199	23.46
	B	-8.900	1.926	0.6483E-10	23.46
90	A	-8.900	1.926	0.6483E-10	11.94
	B	-9.000	3.121	0.2952E-01	11.94
91	A	-9.000	3.121	0.2952E-01	4.723
	B	-9.100	3.506	0.5018	4.723
92	A	-9.100	3.506	0.5018	4.008
	B	-9.200	3.372	0.9026	4.008
93	A	-9.200	3.372	0.9026	4.277
	B	-9.300	2.944	1.225	4.277
94	A	-9.300	2.944	1.225	5.552
	B	-9.400	2.389	1.461	5.552
95	A	-9.400	2.389	1.461	5.696
	B	-9.500	1.820	1.605	5.696
96	A	-9.500	1.820	1.605	5.228
	B	-9.600	1.297	1.649	5.228
97	A	-9.600	1.297	1.649	4.434
	B	-9.700	1.007	1.585	4.434
98	A	-9.700	1.007	1.585	3.520
	B	-9.800	1.184	1.468	3.520
99	A	-9.800	1.184	1.468	2.985
	B	-9.900	1.362	1.659	2.985
100	A	-9.900	1.362	1.659	4.267
	B	-10.00	1.541	1.849	4.267
101	A	-10.00	1.541	1.849	5.620
	B	-10.10	1.728	2.032	5.620
102	A	-10.10	1.728	2.032	7.043
	B	-10.20	1.926	2.202	7.043
103	A	-10.20	1.926	2.202	8.537
	B	-10.30	2.142	2.355	8.537
104	A	-10.30	2.142	2.355	10.10
	B	-10.40	2.447	2.485	10.10
105	A	-10.40	2.447	2.485	11.74
	B	-10.50	3.621	2.587	11.74
106	A	-10.50	3.621	2.587	13.44
	B	-10.60	4.965	2.656	13.44
107	A	-10.60	4.965	2.656	15.22
	B	-10.70	6.487	2.686	15.22
108	A	-10.70	6.487	2.686	17.06
	B	-10.80	8.193	2.672	17.06
109	A	-10.80	8.193	2.672	18.98
	B	-10.90	10.09	2.609	18.98

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
110	A	-10.90	10.09	2.609	33.67
	B	-11.00	6.725	2.491	33.67
111	A	-11.00	6.725	2.491	31.61
	B	-11.10	3.563	2.236	31.61
112	A	-11.10	3.563	2.236	29.49
	B	-11.20	0.6144	1.460	29.49
113	A	-11.20	0.6144	1.460	27.29
	B	-11.30	0.2530	2.115	27.29
114	A	-11.30	0.2530	2.115	30.81
	B	-11.40	3.334	4.617	30.81
115	A	-11.40	3.334	4.617	22.68
	B	-11.50	4.783	6.886	22.68
116	A	-11.50	4.783	6.886	20.28
	B	-11.60	5.115	8.913	20.28
117	A	-11.60	5.115	8.913	17.80
	B	-11.70	4.759	10.69	17.80
118	A	-11.70	4.759	10.69	15.24
	B	-11.80	4.039	12.22	15.24
119	A	-11.80	4.039	12.22	12.62
	B	-11.90	3.187	13.48	12.62
120	A	-11.90	3.187	13.48	9.928
	B	-12.00	2.351	14.47	9.928
121	A	-12.00	2.351	14.47	7.419
	B	-12.10	1.609	15.19	7.419
122	A	-12.10	1.609	15.19	6.089
	B	-12.20	1.000	15.62	6.089
123	A	-12.20	1.000	15.62	4.663
	B	-12.30	0.5341	15.76	4.663
124	A	-12.30	0.5341	15.76	3.330
	B	-12.40	0.2011	15.61	3.330
125	A	-12.40	0.2011	15.61	4.592
	B	-12.50	0.3354E-04	15.15	4.592
126	A	-12.50	0.3354E-04	15.15	7.706
	B	-12.60	0.1105E-10	14.38	7.706
127	A	-12.60	0.1105E-10	14.38	10.89
	B	-12.70	0.7437E-11	13.29	10.89
128	A	-12.70	0.7437E-11	13.29	14.15
	B	-12.80	0.4449E-11	11.88	14.15
129	A	-12.80	0.4449E-11	11.88	17.47
	B	-12.90	0.2214E-11	10.13	17.47
130	A	-12.90	0.2214E-11	10.13	20.87
	B	-13.00	0.6982E-12	8.042	20.87
131	A	-13.00	0.6982E-12	8.042	24.33
	B	-13.10	0.1084E-07	5.609	24.33
132	A	-13.10	0.1084E-07	5.609	27.87
	B	-13.20	0.1990E-07	3.376	27.87

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
133	A	-13.20	0.1990E-07	3.376	31.48
	B	-13.30	0.3260	2.052	31.48
134	A	-13.30	0.3260	2.052	35.16
	B	-13.40	3.842	0.5467	35.16
135	A	-13.40	3.842	0.5467	23.34
	B	-13.50	6.176	0.2406E-01	23.34
136	A	-13.50	6.176	0.2406E-01	27.16
	B	-13.60	8.892	0.9304E-02	27.16
137	A	-13.60	8.892	0.9304E-02	31.05
	B	-13.70	12.00	0.6544E-05	31.05
138	A	-13.70	12.00	0.6544E-05	35.01
	B	-13.80	15.50	0.2127E-12	35.01
139	A	-13.80	15.50	0.2127E-12	39.05
	B	-13.90	19.40	0.1087E-12	39.05
140	A	-13.90	19.40	0.1087E-12	7.326
	B	-14.00	19.67	0.3752E-13	7.326
141	A	-14.00	19.67	0.3752E-13	21.51
	B	-14.10	17.52	0.1364E-17	21.51
142	A	-14.10	17.52	0.1364E-17	33.00
	B	-14.20	14.22	0.2620E-09	33.00
143	A	-14.20	14.22	0.2620E-09	35.38
	B	-14.30	10.68	0.7640E-09	35.38
144	A	-14.30	10.68	0.7640E-09	32.62
	B	-14.40	7.422	0.9693E-09	32.62
145	A	-14.40	7.422	0.9693E-09	27.42
	B	-14.50	4.679	0.9783E-09	27.42
146	A	-14.50	4.679	0.9783E-09	21.21
	B	-14.60	2.558	0.8712E-09	21.21
147	A	-14.60	2.558	0.8712E-09	15.16
	B	-14.70	1.042	0.7098E-09	15.16
148	A	-14.70	1.042	0.7098E-09	9.909
	B	-14.80	0.1806	0.5364E-09	9.909
149	A	-14.80	0.1806	0.5364E-09	5.738
	B	-14.90	0.4328E-06	0.5222	5.738
150	A	-14.90	0.4328E-06	0.5222	2.674
	B	-15.00	0.2923E-14	0.7896	2.674
151	A	-15.00	0.2923E-14	0.7896	0.6675
	B	-15.10	0.1538E-14	0.8499	0.6675
152	A	-15.10	0.1538E-14	0.8499	0.6564
	B	-15.20	0.4587E-15	0.7843	0.6564
153	A	-15.20	0.4587E-15	0.7843	1.303
	B	-15.30	0.2313E-18	0.6540	1.303
154	A	-15.30	0.2313E-18	0.6540	1.512
	B	-15.40	0.2390E-10	0.5028	1.512
155	A	-15.40	0.2390E-10	0.5028	1.444
	B	-15.50	0.3758E-10	0.3584	1.444

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
156	A	-15.50	0.3758E-10	0.3584	1.246
	B	-15.60	0.4083E-10	0.2337	1.246
157	A	-15.60	0.4083E-10	0.2337	0.9884
	B	-15.70	0.3777E-10	0.1349	0.9884
158	A	-15.70	0.3777E-10	0.1349	0.7249
	B	-15.80	0.3153E-10	0.6240E-01	0.7249
159	A	-15.80	0.3153E-10	0.6240E-01	0.4891
	B	-15.90	0.2432E-10	0.1584E-01	0.4891
160	A	-15.90	0.2432E-10	0.1584E-01	0.2967
	B	-16.00	0.1617E-01	0.1691E-04	0.2967
161	A	-16.00	0.1617E-01	0.1691E-04	0.1515
	B	-16.10	0.3132E-01	0.3200E-07	0.1515
162	A	-16.10	0.3132E-01	0.3200E-07	0.5041E-01
	B	-16.20	0.3637E-01	0.5114E-08	0.5041E-01
163	A	-16.20	0.3637E-01	0.5114E-08	0.1363E-01
	B	-16.30	0.3500E-01	0.3062E-15	0.1363E-01
164	A	-16.30	0.3500E-01	0.3062E-15	0.4897E-01
	B	-16.40	0.3011E-01	0.1644E-15	0.4897E-01
165	A	-16.40	0.3011E-01	0.1644E-15	0.6373E-01
	B	-16.50	0.2373E-01	0.7075E-12	0.6373E-01
166	A	-16.50	0.2373E-01	0.7075E-12	0.6377E-01
	B	-16.60	0.1736E-01	0.1487E-11	0.6377E-01
167	A	-16.60	0.1736E-01	0.1487E-11	0.5668E-01
	B	-16.70	0.1169E-01	0.1773E-11	0.5668E-01
168	A	-16.70	0.1169E-01	0.1773E-11	0.4608E-01
	B	-16.80	0.7079E-02	0.1736E-11	0.4608E-01
169	A	-16.80	0.7079E-02	0.1736E-11	0.3450E-01
	B	-16.90	0.3629E-02	0.1515E-11	0.3450E-01
170	A	-16.90	0.3629E-02	0.1515E-11	0.2367E-01
	B	-17.00	0.1262E-02	0.1216E-11	0.2367E-01
171	A	-17.00	0.1262E-02	0.1216E-11	0.1452E-01
	B	-17.10	0.1563E-03	0.1901E-03	0.1452E-01
172	A	-17.10	0.1563E-03	0.1901E-03	0.7383E-02
	B	-17.20	0.8705E-06	0.9284E-03	0.7383E-02
173	A	-17.20	0.8705E-06	0.9284E-03	0.2243E-02
	B	-17.30	0.2314E-06	0.1153E-02	0.2243E-02
174	A	-17.30	0.2314E-06	0.1153E-02	0.1101E-02
	B	-17.40	0.1021E-08	0.1043E-02	0.1101E-02
175	A	-17.40	0.1021E-08	0.1043E-02	0.2914E-02
	B	-17.50	0.3683E-09	0.7512E-03	0.2914E-02
176	A	-17.50	0.3683E-09	0.7512E-03	0.3420E-02
	B	-17.60	0.6598E-10	0.4091E-03	0.3420E-02
177	A	-17.60	0.6598E-10	0.4091E-03	0.2829E-02
	B	-17.70	0.2705E-17	0.1262E-03	0.2829E-02
178	A	-17.70	0.2705E-17	0.1262E-03	0.1262E-02
	B	-17.80	0.1016E-19	0.5204E-17	0.1262E-02

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -1.4000

FASE 1	inattivo		
FASE 2	inattivo		
FASE 3	FORZA	0.27491E-09	kN/m
FASE 4	FORZA	1.4901	kN/m
FASE 5	FORZA	1.4906	kN/m
FASE 6	FORZA	1.6739	kN/m
FASE 7	FORZA	1.6796	kN/m
FASE 8	FORZA	1.6995	kN/m
FASE 9	FORZA	1.6995	kN/m
FASE 10	FORZA	1.6995	kN/m
FASE 11	FORZA	1.6995	kN/m
FASE 12	FORZA	1.6995	kN/m
FASE 13	FORZA	1.6995	kN/m
FASE 14	FORZA	6.0764	kN/m

TIRANTE chiodo_2 1 PARETE LeftWall QUOTA -3.4000

FASE 1	inattivo		
FASE 2	inattivo		
FASE 3	inattivo		
FASE 4	inattivo		
FASE 5	FORZA	-0.12083E-04	kN/m
FASE 6	FORZA	10.640	kN/m
FASE 7	FORZA	10.639	kN/m
FASE 8	FORZA	10.613	kN/m
FASE 9	FORZA	10.613	kN/m
FASE 10	FORZA	10.616	kN/m
FASE 11	FORZA	10.616	kN/m
FASE 12	FORZA	10.616	kN/m
FASE 13	FORZA	10.616	kN/m
FASE 14	FORZA	25.330	kN/m

TIRANTE chiodo_3 1 PARETE LeftWall QUOTA -5.9000

FASE 1	inattivo		
FASE 2	inattivo		
FASE 3	inattivo		
FASE 4	inattivo		
FASE 5	inattivo		
FASE 6	inattivo		
FASE 7	FORZA	0.14668E-02	kN/m
FASE 8	FORZA	6.8913	kN/m
FASE 9	FORZA	6.8913	kN/m
FASE 10	FORZA	6.9823	kN/m
FASE 11	FORZA	6.9829	kN/m

FASE 12 FORZA 6.9840 kN/m
FASE 13 FORZA 6.9840 kN/m
FASE 14 FORZA 12.663 kN/m

TIRANTE chiodo_4 1 PARETE LeftWall QUOTA -8.4000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 FORZA 0.41630E-08 kN/m
FASE 10 FORZA 3.4180 kN/m
FASE 11 FORZA 3.4180 kN/m
FASE 12 FORZA 3.4535 kN/m
FASE 13 FORZA 3.4535 kN/m
FASE 14 FORZA 11.140 kN/m

TIRANTE chiodo_5 1 PARETE LeftWall QUOTA -10.900
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 inattivo
FASE 10 inattivo
FASE 11 FORZA -0.23044E-06 kN/m
FASE 12 FORZA 19.981 kN/m
FASE 13 FORZA 19.981 kN/m
FASE 14 FORZA 58.137 kN/m

TIRANTE chiodo_6 1 PARETE LeftWall QUOTA -13.400
FASE 1 inattivo
FASE 2 inattivo
FASE 3 inattivo
FASE 4 inattivo
FASE 5 inattivo
FASE 6 inattivo
FASE 7 inattivo
FASE 8 inattivo
FASE 9 inattivo
FASE 10 inattivo

FASE 11 inattivo
FASE 12 inattivo
FASE 13 FORZA 0.23613E-04 kN/m
FASE 14 FORZA 16.558 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 14
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	8.778	55.00	0.	0.
2	-0.1000	6.493	56.20	0.	0.
3	-0.2000	4.250	57.40	0.	0.
4	-0.3000	3.600	58.60	0.	0.
5	-0.4000	4.800	59.80	0.	0.
6	-0.5000	6.000	61.00	0.	0.
7	-0.6000	7.200	62.20	0.	0.
8	-0.7000	8.400	63.40	0.	0.
9	-0.8000	9.600	64.60	0.	0.
10	-0.9000	10.80	65.80	0.	0.
11	-1.000	12.00	67.00	0.	0.
12	-1.100	13.20	68.20	0.	0.
13	-1.200	14.40	69.40	0.	0.
14	-1.300	15.60	70.60	0.	0.
15	-1.400	16.80	71.80	0.	0.
16	-1.500	18.00	73.00	0.	0.
17	-1.600	19.20	74.20	0.	0.
18	-1.700	20.40	75.40	0.	0.
19	-1.800	21.60	76.60	0.	0.
20	-1.900	22.80	77.80	0.	0.
21	-2.000	24.00	79.00	0.	0.
22	-2.100	25.20	80.20	0.	0.
23	-2.200	26.40	81.40	0.	0.
24	-2.300	27.60	82.60	0.	0.
25	-2.400	29.01	83.63	0.	0.
26	-2.500	30.47	84.61	0.	0.
27	-2.600	31.77	85.60	0.	0.
28	-2.700	32.97	86.58	0.	0.
29	-2.800	34.12	87.57	0.	0.
30	-2.900	35.23	88.55	0.	0.
31	-3.000	36.33	89.54	0.	0.
32	-3.100	37.44	90.52	0.	0.
33	-3.200	38.55	91.51	0.	0.
34	-3.300	39.69	92.50	0.	0.
35	-3.400	40.84	93.48	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.01	94.47	0.	0.
37	-3.600	43.20	95.45	0.	0.
38	-3.700	44.40	96.44	0.	0.
39	-3.800	45.60	97.42	0.	0.
40	-3.900	46.80	98.41	0.	0.
41	-4.000	48.00	99.40	0.	0.
42	-4.100	49.20	100.4	0.	0.
43	-4.200	50.40	101.4	0.	0.
44	-4.300	51.60	102.4	0.	0.
45	-4.400	52.80	103.3	0.	0.
46	-4.500	54.19	104.3	0.	0.
47	-4.600	55.94	105.3	0.	0.
48	-4.700	57.38	106.3	0.	0.
49	-4.800	58.61	107.3	0.	0.
50	-4.900	59.70	108.3	0.	0.
51	-5.000	122.7	115.0	0.	0.
52	-5.100	124.7	116.3	0.	0.
53	-5.200	126.7	117.7	0.	0.
54	-5.300	128.9	119.1	0.	0.
55	-5.400	131.1	120.4	0.	0.
56	-5.500	133.6	121.8	0.	0.
57	-5.600	136.2	123.1	0.	0.
58	-5.700	138.9	124.4	0.	0.
59	-5.800	141.6	125.8	0.	0.
60	-5.900	144.3	127.2	0.	0.
61	-6.000	147.0	128.5	0.	0.
62	-6.100	149.7	129.9	0.	0.
63	-6.200	152.4	131.2	0.	0.
64	-6.300	155.1	132.6	0.	0.
65	-6.400	157.8	133.9	0.	0.
66	-6.500	160.5	135.2	0.	0.
67	-6.600	163.2	136.6	0.	0.
68	-6.700	165.9	137.9	0.	0.
69	-6.800	171.5	139.3	0.	0.
70	-6.900	177.3	140.6	0.	0.
71	-7.000	181.2	142.0	0.	0.
72	-7.100	183.7	143.4	0.	0.
73	-7.200	185.5	144.7	0.	0.
74	-7.300	187.0	146.1	0.	0.
75	-7.400	188.5	147.4	0.	0.
76	-7.500	190.1	148.8	0.	0.
77	-7.600	191.8	150.1	0.	0.
78	-7.700	193.7	151.4	0.	0.
79	-7.800	195.9	152.8	0.	0.
80	-7.900	198.3	154.1	0.	0.
81	-8.000	201.0	155.5	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	203.7	156.9	0.	0.
83	-8.200	206.4	158.2	0.	0.
84	-8.300	209.1	159.6	0.	0.
85	-8.400	211.8	160.9	0.	0.
86	-8.500	214.5	162.2	0.	0.
87	-8.600	217.2	163.6	0.	0.
88	-8.700	219.9	164.9	0.	0.
89	-8.800	222.6	166.3	0.	0.
90	-8.900	225.3	167.6	0.	0.
91	-9.000	228.0	169.0	0.	0.
92	-9.100	230.7	170.4	0.	0.
93	-9.200	233.4	171.7	0.	0.
94	-9.300	236.1	173.1	0.	0.
95	-9.400	238.8	174.4	0.	0.
96	-9.500	244.2	175.8	0.	0.
97	-9.600	248.8	177.1	0.	0.
98	-9.700	252.2	178.4	0.	0.
99	-9.800	254.8	179.8	0.	0.
100	-9.900	257.0	181.1	0.	0.
101	-10.00	258.9	182.2	0.	0.
102	-10.10	260.7	183.2	0.	0.
103	-10.20	262.6	184.3	0.	0.
104	-10.30	264.6	185.4	0.	0.
105	-10.40	266.7	186.5	0.	0.
106	-10.50	269.0	187.6	0.	0.
107	-10.60	271.4	188.7	0.	0.
108	-10.70	273.9	189.8	0.	0.
109	-10.80	276.6	190.8	0.	0.
110	-10.90	279.3	191.9	0.	0.
111	-11.00	282.0	193.0	0.	0.
112	-11.10	284.7	194.1	0.	0.
113	-11.20	287.4	195.2	0.	0.
114	-11.30	290.1	196.3	0.	0.
115	-11.40	292.8	197.3	0.	0.
116	-11.50	295.5	198.4	0.	0.
117	-11.60	298.2	199.5	0.	0.
118	-11.70	300.9	200.6	0.	0.
119	-11.80	303.6	201.7	0.	0.
120	-11.90	306.9	202.8	0.	0.
121	-12.00	313.7	203.9	0.	0.
122	-12.10	318.4	204.9	0.	0.
123	-12.20	321.6	206.0	0.	0.
124	-12.30	323.8	207.1	0.	0.
125	-12.40	325.5	208.2	0.	0.
126	-12.50	327.1	209.3	0.	0.
127	-12.60	328.6	210.4	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	330.2	211.5	0.	0.
129	-12.80	332.0	212.5	0.	0.
130	-12.90	334.1	213.6	0.	0.
131	-13.00	336.3	214.7	0.	0.
132	-13.10	338.7	215.8	0.	0.
133	-13.20	341.4	216.9	0.	0.
134	-13.30	344.1	218.0	0.	0.
135	-13.40	346.8	219.1	0.	0.
136	-13.50	349.5	220.1	0.	0.
137	-13.60	352.2	221.2	0.	0.
138	-13.70	354.9	219.2	0.	0.
139	-13.80	357.6	213.6	0.	0.
140	-13.90	360.3	175.4	0.	0.
141	-14.00	363.0	125.3	0.	0.
142	-14.10	365.7	88.34	0.	0.
143	-14.20	368.4	63.72	0.	0.
144	-14.30	379.4	55.00	0.	0.
145	-14.40	393.3	55.00	0.	0.
146	-14.50	400.1	55.00	0.	0.
147	-14.60	402.2	55.00	0.	0.
148	-14.70	401.9	55.00	0.	0.
149	-14.80	400.5	55.00	0.	0.
150	-14.90	399.0	55.00	0.	0.
151	-15.00	397.9	55.00	0.	0.
152	-15.10	397.5	55.00	0.	0.
153	-15.20	397.9	55.00	0.	0.
154	-15.30	398.8	55.00	0.	0.
155	-15.40	400.8	55.26	0.	0.
156	-15.50	403.5	55.59	0.	0.
157	-15.60	406.2	55.75	0.	0.
158	-15.70	408.9	55.76	0.	0.
159	-15.80	411.6	55.68	0.	0.
160	-15.90	414.3	55.56	0.	0.
161	-16.00	417.0	55.42	0.	0.
162	-16.10	419.7	55.29	0.	0.
163	-16.20	422.4	55.19	0.	0.
164	-16.30	425.1	55.10	0.	0.
165	-16.40	427.8	55.04	0.	0.
166	-16.50	430.5	55.01	0.	0.
167	-16.60	433.2	55.00	0.	0.
168	-16.70	435.9	55.00	0.	0.
169	-16.80	438.6	55.00	0.	0.
170	-16.90	441.3	55.00	0.	0.
171	-17.00	444.0	55.00	0.	0.
172	-17.10	446.7	55.00	0.	0.
173	-17.20	449.4	55.00	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	452.1	55.00	0.	0.
175	-17.40	454.8	55.00	0.	0.
176	-17.50	457.5	55.00	0.	0.
177	-17.60	460.2	55.00	0.	0.
178	-17.70	462.9	55.00	0.	0.
179	-17.80	465.6	55.01	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 14
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	1.200	0.6000	0.	0.
3	-0.2000	2.400	1.200	0.	0.
4	-0.3000	3.600	1.800	0.	0.
5	-0.4000	4.800	2.400	0.	0.
6	-0.5000	6.000	3.000	0.	0.
7	-0.6000	7.200	3.600	0.	0.
8	-0.7000	8.400	4.200	0.	0.
9	-0.8000	9.600	4.800	0.	0.
10	-0.9000	10.80	5.400	0.	0.
11	-1.000	12.00	6.000	0.	0.
12	-1.100	13.20	6.600	0.	0.
13	-1.200	14.40	7.200	0.	0.
14	-1.300	15.60	7.800	0.	0.
15	-1.400	16.80	8.400	0.	0.
16	-1.500	18.00	9.000	0.	0.
17	-1.600	19.20	9.600	0.	0.
18	-1.700	20.40	10.20	0.	0.
19	-1.800	21.60	10.80	0.	0.
20	-1.900	25.13	12.57	0.	0.
21	-2.000	25.48	12.00	0.	0.
22	-2.100	26.01	12.60	0.	0.
23	-2.200	26.73	13.20	0.	0.
24	-2.300	27.61	13.80	0.	0.
25	-2.400	28.80	14.40	0.	0.
26	-2.500	30.00	15.00	0.	0.
27	-2.600	31.20	15.60	0.	0.
28	-2.700	32.40	16.20	0.	0.
29	-2.800	33.60	16.80	0.	0.
30	-2.900	34.80	17.40	0.	0.
31	-3.000	36.00	18.00	0.	0.
32	-3.100	37.20	18.60	0.	0.
33	-3.200	38.40	19.20	0.	0.
34	-3.300	39.60	19.80	0.	0.
35	-3.400	40.80	20.40	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	42.00	21.00	0.	0.
37	-3.600	43.20	21.60	0.	0.
38	-3.700	44.41	22.20	0.	0.
39	-3.800	45.61	22.80	0.	0.
40	-3.900	52.87	26.44	0.	0.
41	-4.000	52.39	25.00	0.	0.
42	-4.100	52.16	24.60	0.	0.
43	-4.200	52.17	25.20	0.	0.
44	-4.300	52.44	25.80	0.	0.
45	-4.400	52.99	26.40	0.	0.
46	-4.500	54.00	27.00	0.	0.
47	-4.600	55.20	27.60	0.	0.
48	-4.700	56.40	28.20	0.	0.
49	-4.800	57.60	28.80	0.	0.
50	-4.900	58.80	29.40	0.	0.
51	-5.000	120.0	45.82	0.	0.
52	-5.100	122.7	46.09	0.	0.
53	-5.200	125.4	46.33	0.	0.
54	-5.300	128.1	46.53	0.	0.
55	-5.400	130.8	46.67	0.	0.
56	-5.500	133.5	46.77	0.	0.
57	-5.600	136.2	46.81	0.	0.
58	-5.700	139.0	46.83	0.	0.
59	-5.800	141.7	46.84	0.	0.
60	-5.900	144.4	46.83	0.	0.
61	-6.000	147.1	46.83	0.	0.
62	-6.100	149.7	46.82	0.	0.
63	-6.200	152.4	46.81	0.	0.
64	-6.300	155.1	46.81	0.	0.
65	-6.400	179.7	89.83	0.	0.
66	-6.500	173.0	85.16	0.	0.
67	-6.600	168.1	81.33	0.	0.
68	-6.700	165.9	78.85	0.	0.
69	-6.800	168.6	77.41	0.	0.
70	-6.900	171.3	76.74	0.	0.
71	-7.000	174.0	76.34	0.	0.
72	-7.100	176.7	76.40	0.	0.
73	-7.200	179.4	76.71	0.	0.
74	-7.300	182.1	77.14	0.	0.
75	-7.400	184.8	77.58	0.	0.
76	-7.500	187.5	77.99	0.	0.
77	-7.600	190.2	78.32	0.	0.
78	-7.700	192.9	78.58	0.	0.
79	-7.800	195.6	78.77	0.	0.
80	-7.900	198.3	78.89	0.	0.
81	-8.000	201.1	78.94	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
82	-8.100	203.8	78.96	0.	0.
83	-8.200	206.5	78.96	0.	0.
84	-8.300	209.2	78.96	0.	0.
85	-8.400	211.9	78.95	0.	0.
86	-8.500	214.6	78.94	0.	0.
87	-8.600	217.3	78.93	0.	0.
88	-8.700	219.9	78.92	0.	0.
89	-8.800	222.6	78.91	0.	0.
90	-8.900	252.9	126.5	0.	0.
91	-9.000	247.3	122.3	0.	0.
92	-9.100	243.0	118.8	0.	0.
93	-9.200	240.2	116.1	0.	0.
94	-9.300	239.0	114.1	0.	0.
95	-9.400	239.0	112.7	0.	0.
96	-9.500	241.5	111.7	0.	0.
97	-9.600	244.2	111.0	0.	0.
98	-9.700	246.9	110.7	0.	0.
99	-9.800	249.6	110.8	0.	0.
100	-9.900	252.3	111.0	0.	0.
101	-10.00	255.0	111.3	0.	0.
102	-10.10	257.7	111.6	0.	0.
103	-10.20	260.4	111.9	0.	0.
104	-10.30	263.1	112.1	0.	0.
105	-10.40	265.8	112.3	0.	0.
106	-10.50	268.5	112.5	0.	0.
107	-10.60	271.2	112.6	0.	0.
108	-10.70	273.9	112.7	0.	0.
109	-10.80	276.7	112.7	0.	0.
110	-10.90	279.4	112.7	0.	0.
111	-11.00	282.1	112.7	0.	0.
112	-11.10	284.8	112.7	0.	0.
113	-11.20	287.5	112.7	0.	0.
114	-11.30	290.2	112.7	0.	0.
115	-11.40	342.8	171.4	0.	0.
116	-11.50	329.4	163.3	0.	0.
117	-11.60	318.8	156.7	0.	0.
118	-11.70	311.5	151.7	0.	0.
119	-11.80	307.1	148.2	0.	0.
120	-11.90	306.3	145.9	0.	0.
121	-12.00	309.0	144.1	0.	0.
122	-12.10	311.7	143.1	0.	0.
123	-12.20	314.4	142.9	0.	0.
124	-12.30	317.1	143.1	0.	0.
125	-12.40	319.8	143.6	0.	0.
126	-12.50	322.5	144.1	0.	0.
127	-12.60	325.2	144.7	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
128	-12.70	327.9	145.2	0.	0.
129	-12.80	330.6	145.7	0.	0.
130	-12.90	333.3	146.0	0.	0.
131	-13.00	336.0	146.2	0.	0.
132	-13.10	338.7	146.4	0.	0.
133	-13.20	341.5	146.5	0.	0.
134	-13.30	344.3	146.5	0.	0.
135	-13.40	347.0	146.5	0.	0.
136	-13.50	349.7	146.5	0.	0.
137	-13.60	352.4	146.5	0.	0.
138	-13.70	355.0	146.5	0.	0.
139	-13.80	357.7	146.4	0.	0.
140	-13.90	483.0	241.5	0.	0.
141	-14.00	464.6	231.0	0.	0.
142	-14.10	413.9	204.3	0.	0.
143	-14.20	376.5	184.2	0.	0.
144	-14.30	371.1	176.1	0.	0.
145	-14.40	373.8	171.9	0.	0.
146	-14.50	376.5	169.2	0.	0.
147	-14.60	379.2	169.0	0.	0.
148	-14.70	381.9	170.2	0.	0.
149	-14.80	384.6	172.0	0.	0.
150	-14.90	387.3	174.0	0.	0.
151	-15.00	390.0	175.9	0.	0.
152	-15.10	392.7	177.5	0.	0.
153	-15.20	395.4	178.7	0.	0.
154	-15.30	398.1	179.5	0.	0.
155	-15.40	401.0	180.2	0.	0.
156	-15.50	404.3	180.6	0.	0.
157	-15.60	407.3	180.7	0.	0.
158	-15.70	410.0	180.7	0.	0.
159	-15.80	412.6	180.6	0.	0.
160	-15.90	415.1	180.6	0.	0.
161	-16.00	417.6	180.5	0.	0.
162	-16.10	420.1	180.4	0.	0.
163	-16.20	422.7	180.3	0.	0.
164	-16.30	425.2	180.2	0.	0.
165	-16.40	427.9	180.2	0.	0.
166	-16.50	430.5	180.2	0.	0.
167	-16.60	433.2	180.1	0.	0.
168	-16.70	435.9	180.1	0.	0.
169	-16.80	438.6	180.1	0.	0.
170	-16.90	441.3	180.1	0.	0.
171	-17.00	444.0	180.1	0.	0.
172	-17.10	446.7	180.1	0.	0.
173	-17.20	449.4	180.1	0.	0.

History 0 - Paratia 2 Sez_G - H = 13.9 m 6 chiodi

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
174	-17.30	452.1	180.1	0.	0.
175	-17.40	454.8	180.1	0.	0.
176	-17.50	457.5	180.1	0.	0.
177	-17.60	460.2	180.2	0.	0.
178	-17.70	462.9	180.2	0.	0.
179	-17.80	465.6	180.2	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3900.8	3900.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3900.8	3900.8
SPINTA ATTIVA (POSSIBILE)	39.359	39.359
SPINTA PASSIVA (POSSIBILE)	44824.	44824.
RAPPORTO PASSIVA/VERA	11.491	11.491
SPINTA PASSIVA MOBILITATA	9.%	9.%
RAPPORTO VERA/ATTIVA	99.108	99.108

FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3880.6	3880.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3880.6	3880.6
SPINTA ATTIVA (POSSIBILE)	181.24	12.441
SPINTA PASSIVA (POSSIBILE)	63730.	37035.
RAPPORTO PASSIVA/VERA	16.423	9.5437
SPINTA PASSIVA MOBILITATA	6.%	10.%
RAPPORTO VERA/ATTIVA	21.412	311.92

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3880.6	3880.6
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3880.6	3880.6
SPINTA ATTIVA (POSSIBILE)	181.24	12.441
SPINTA PASSIVA (POSSIBILE)	63730.	37035.
RAPPORTO PASSIVA/VERA	16.423	9.5437
SPINTA PASSIVA MOBILITATA	6.%	10.%
RAPPORTO VERA/ATTIVA	21.412	311.92

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3814.2	3812.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3814.2	3812.8
SPINTA ATTIVA (POSSIBILE)	181.24	0.40550
SPINTA PASSIVA (POSSIBILE)	63730.	29860.
RAPPORTO PASSIVA/VERA	16.709	7.8314
SPINTA PASSIVA MOBILITATA	6.%	13.%
RAPPORTO VERA/ATTIVA	21.045	9402.6

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3814.2	3812.8
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3814.2	3812.8
SPINTA ATTIVA (POSSIBILE)	181.24	0.40550
SPINTA PASSIVA (POSSIBILE)	63730.	29860.
RAPPORTO PASSIVA/VERA	16.709	7.8314
SPINTA PASSIVA MOBILITATA	6.%	13.%
RAPPORTO VERA/ATTIVA	21.045	9402.6

FASE 6 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3573.8	3562.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3573.8	3562.1
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	21521.
RAPPORTO PASSIVA/VERA	17.833	6.0417
SPINTA PASSIVA MOBILITATA	6.%	17.%
RAPPORTO VERA/ATTIVA	19.719	0.10000E+06

FASE 7 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3573.7	3562.1
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3573.7	3562.1
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	21521.
RAPPORTO PASSIVA/VERA	17.833	6.0417
SPINTA PASSIVA MOBILITATA	6.%	17.%
RAPPORTO VERA/ATTIVA	19.718	0.10000E+06

FASE 8 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3108.3	3090.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3108.3	3090.3
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	14069.
RAPPORTO PASSIVA/VERA	20.503	4.5527
SPINTA PASSIVA MOBILITATA	5.%	22.%
RAPPORTO VERA/ATTIVA	17.151	0.10000E+06

FASE 9 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	3108.3	3090.3
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	3108.3	3090.3
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	14069.
RAPPORTO PASSIVA/VERA	20.503	4.5527
SPINTA PASSIVA MOBILITATA	5.%	22.%
RAPPORTO VERA/ATTIVA	17.151	0.10000E+06

FASE 10 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2470.4	2449.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2470.4	2449.0
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	8155.2
RAPPORTO PASSIVA/VERA	25.798	3.3300
SPINTA PASSIVA MOBILITATA	4.%	30.%
RAPPORTO VERA/ATTIVA	13.631	0.10000E+06

FASE 11 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	2470.4	2449.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	2470.4	2449.0
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	8155.2
RAPPORTO PASSIVA/VERA	25.798	3.3300
SPINTA PASSIVA MOBILITATA	4.%	30.%
RAPPORTO VERA/ATTIVA	13.631	0.10000E+06

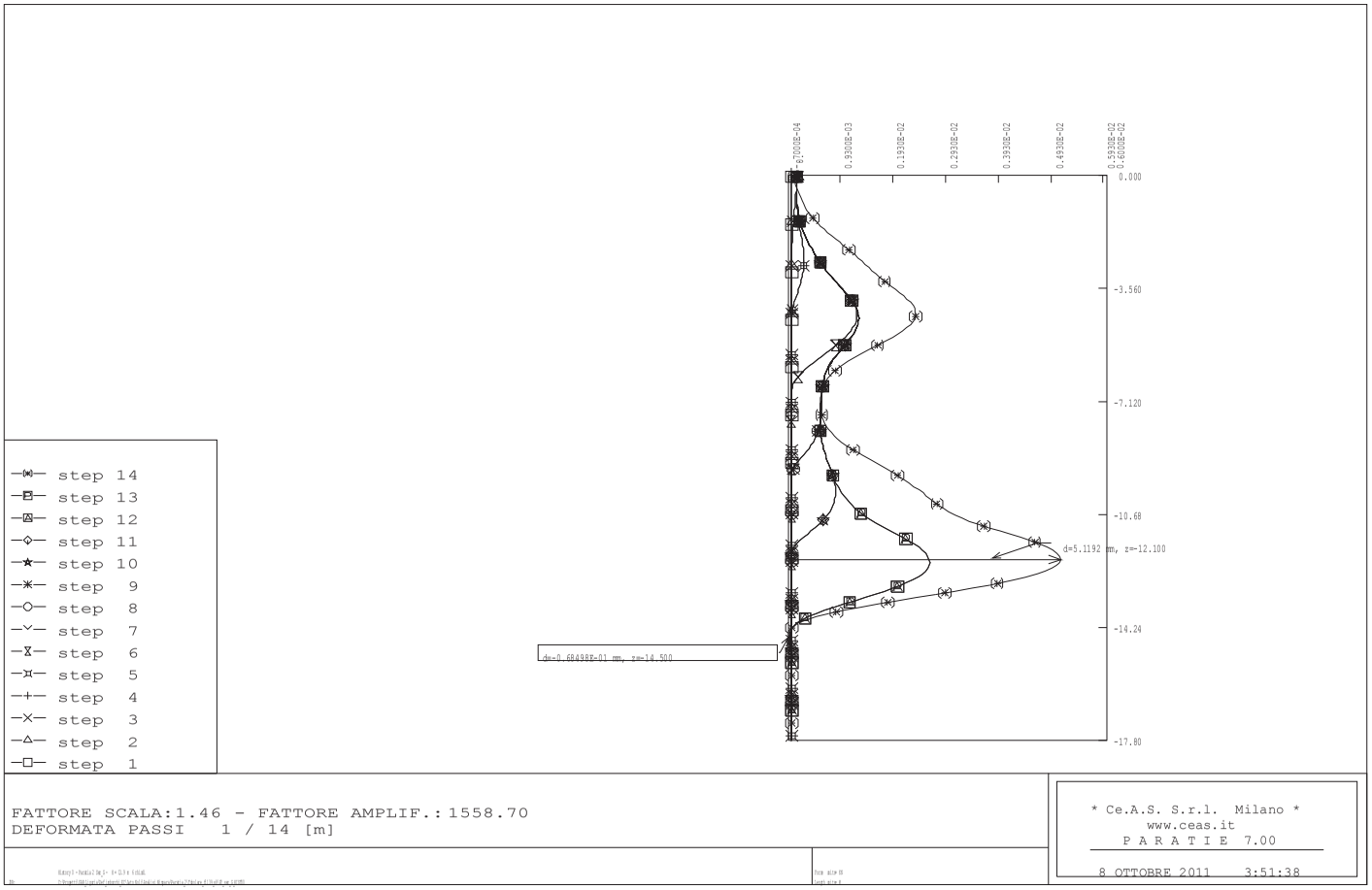
FASE 12 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1678.6	1638.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1678.6	1638.4
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	3779.4
RAPPORTO PASSIVA/VERA	37.966	2.3067
SPINTA PASSIVA MOBILITATA	3.%	43.%
RAPPORTO VERA/ATTIVA	9.2619	0.10000E+06

FASE 13 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	1678.6	1638.4
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1678.6	1638.4
SPINTA ATTIVA (POSSIBILE)	181.24	0.
SPINTA PASSIVA (POSSIBILE)	63730.	3779.4
RAPPORTO PASSIVA/VERA	37.966	2.3067
SPINTA PASSIVA MOBILITATA	3.%	43.%
RAPPORTO VERA/ATTIVA	9.2619	0.10000E+06

FASE 14 GRUPPO --> UHLe DHLe

SPINTA EFFICACE VERA	1756.1	1634.0
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	1756.1	1634.0
SPINTA ATTIVA (POSSIBILE)	369.74	0.
SPINTA PASSIVA (POSSIBILE)	63730.	3779.4
RAPPORTO PASSIVA/VERA	36.291	2.3130
SPINTA PASSIVA MOBILITATA	3.%	43.%
RAPPORTO VERA/ATTIVA	4.7495	0.10000E+06

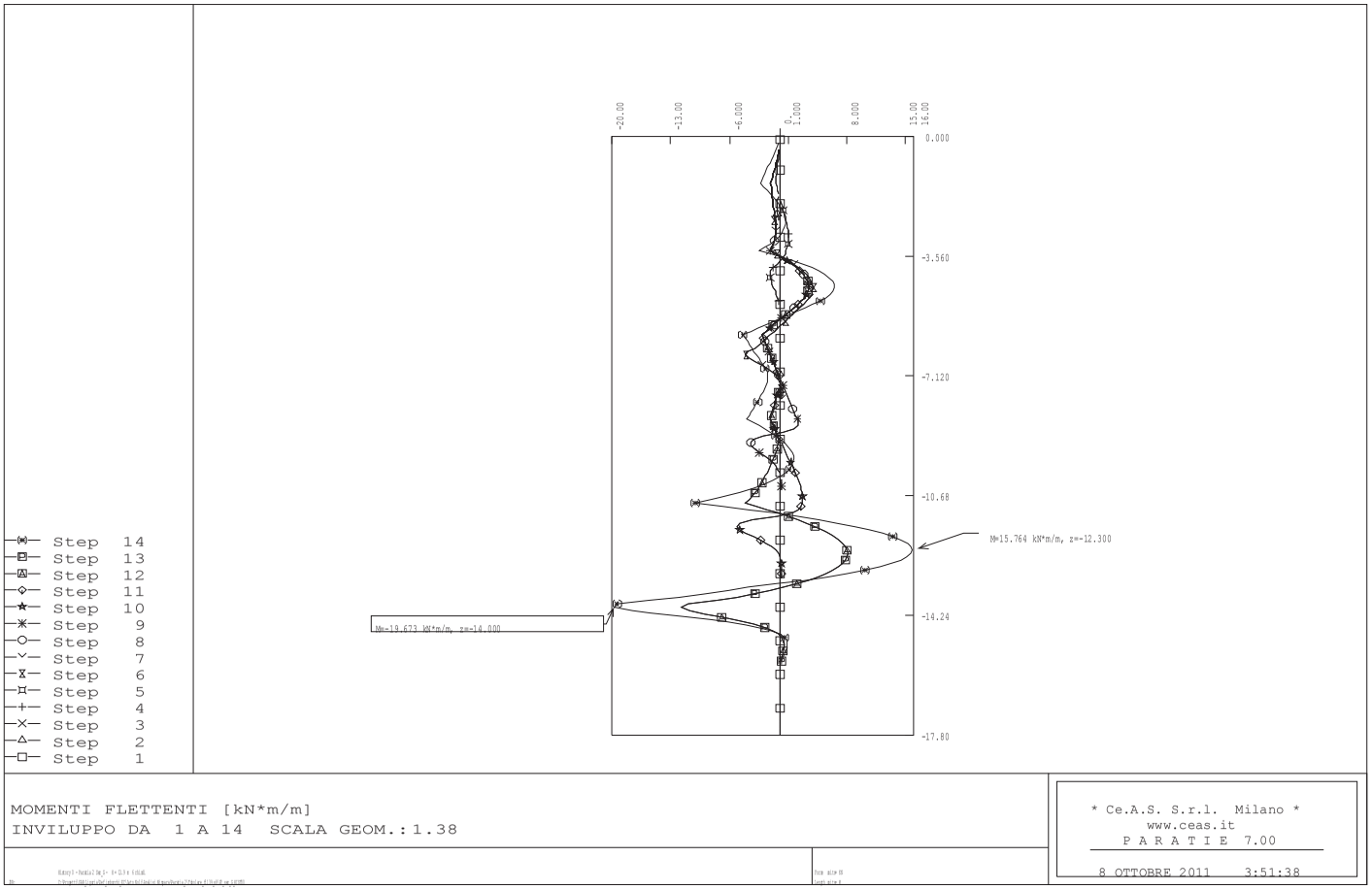
OUTPUT PLOTS:



FATTORE SCALA:1.46 - FATTORE AMPLIF.:1558.70
DEFORMATA PASSI 1 / 14 [m]

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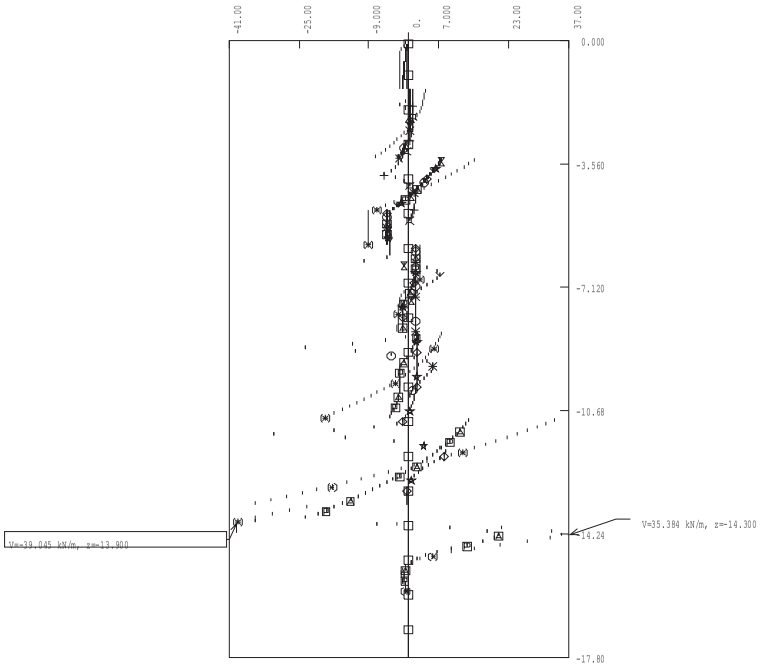
8 OTTOBRE 2011 3:51:38



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 14 SCALA GEOM.: 1.38

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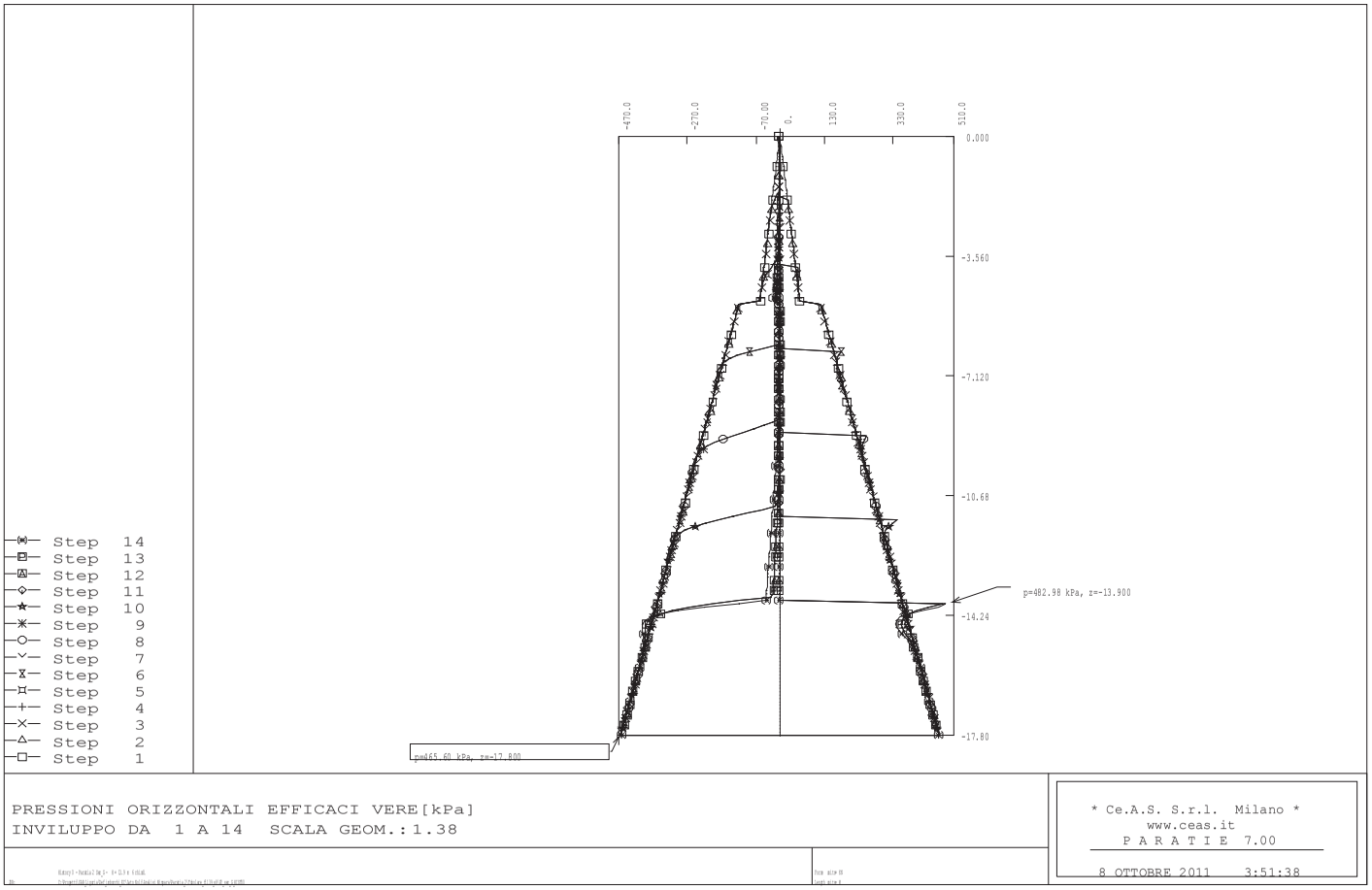


Step 14
Step 13
Step 12
Step 11
Step 10
Step 9
Step 8
Step 7
Step 6
Step 5
Step 4
Step 3
Step 2
Step 1

TAGLI [kN/m]
INVILUPPO DA 1 A 14 SCALA GEOM.: 1.38

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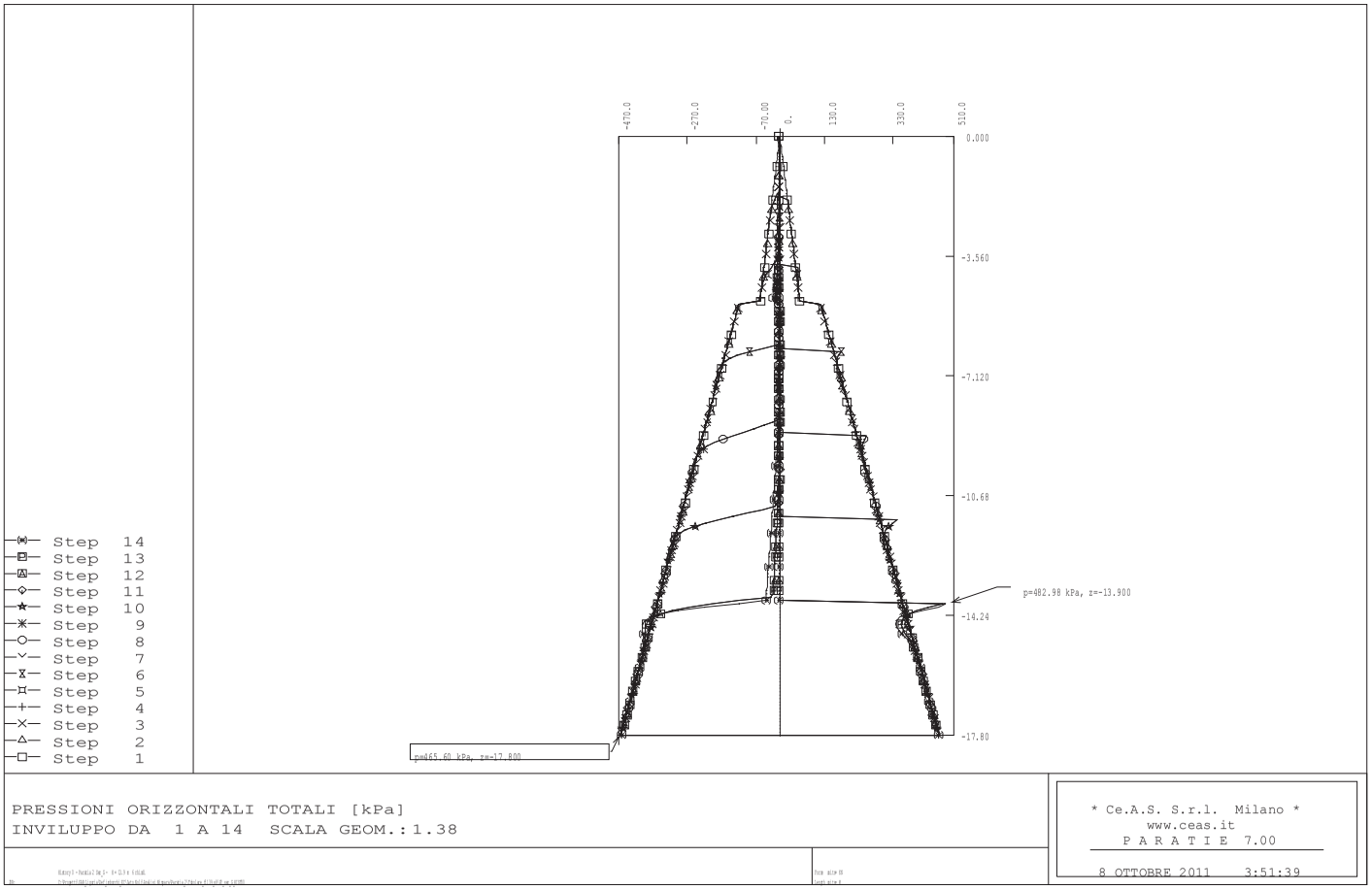
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PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 14 SCALA GEOM.:1.38

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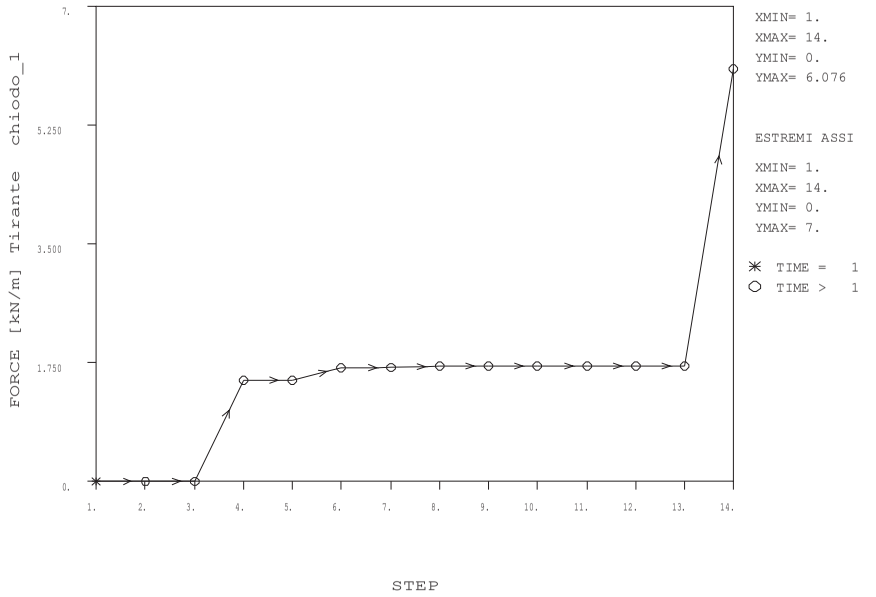
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 14 SCALA GEOM.:1.38

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Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.2749E-09
4.	1.490
5.	1.491
6.	1.674
7.	1.680
8.	1.700
9.	1.700
10.	1.700
11.	1.700
12.	1.700
13.	1.700
14.	6.076



DAL PASSO 1 AL PASO 14

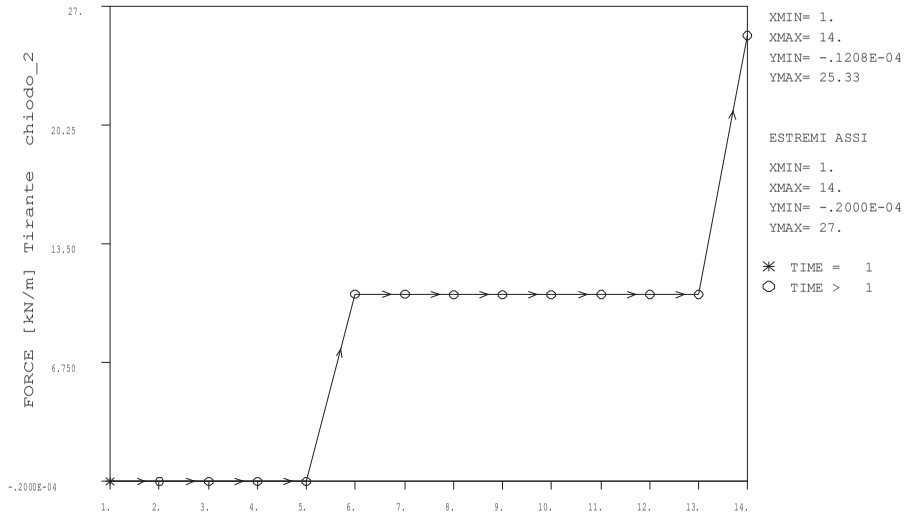
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_2

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	-.1208E-04
6.	10.64
7.	10.64
8.	10.61
9.	10.61
10.	10.62
11.	10.62
12.	10.62
13.	10.62
14.	25.33



DAL PASSO 1 AL PASSO 14

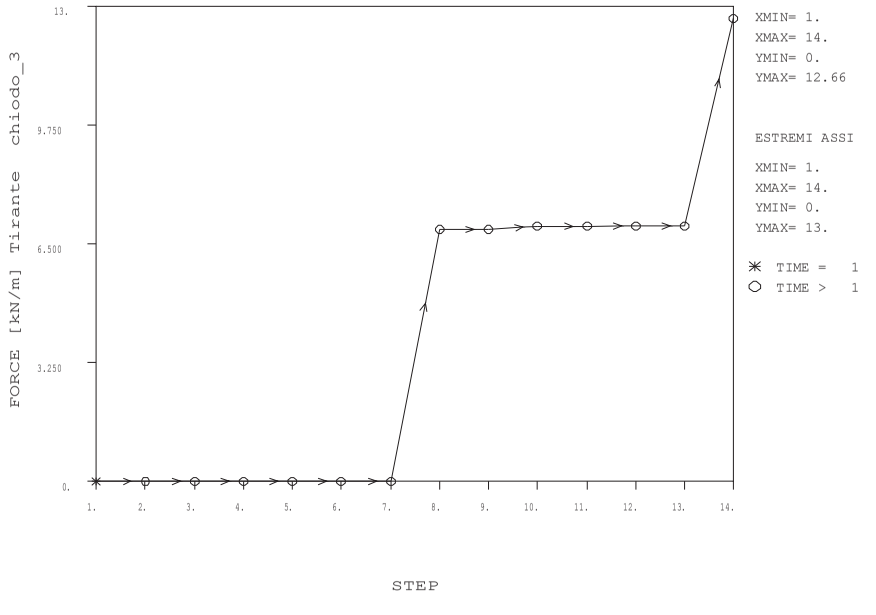
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_3

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.1467E-02
8.	6.891
9.	6.891
10.	6.982
11.	6.983
12.	6.984
13.	6.984
14.	12.66



DAL PASSO 1 AL PASSO 14

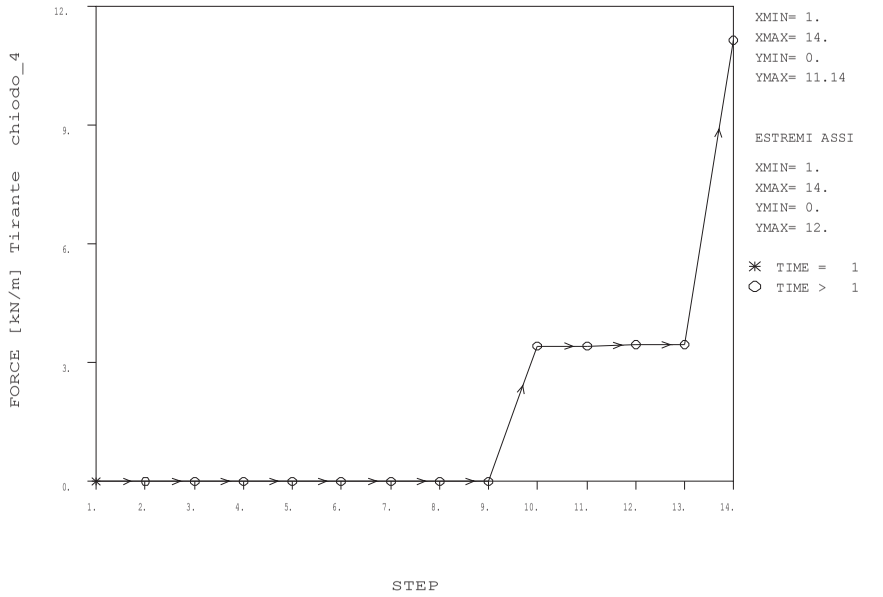
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_4

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.4163E-08
10.	3.418
11.	3.418
12.	3.453
13.	3.453
14.	11.14



DAL PASSO 1 AL PASSO 14

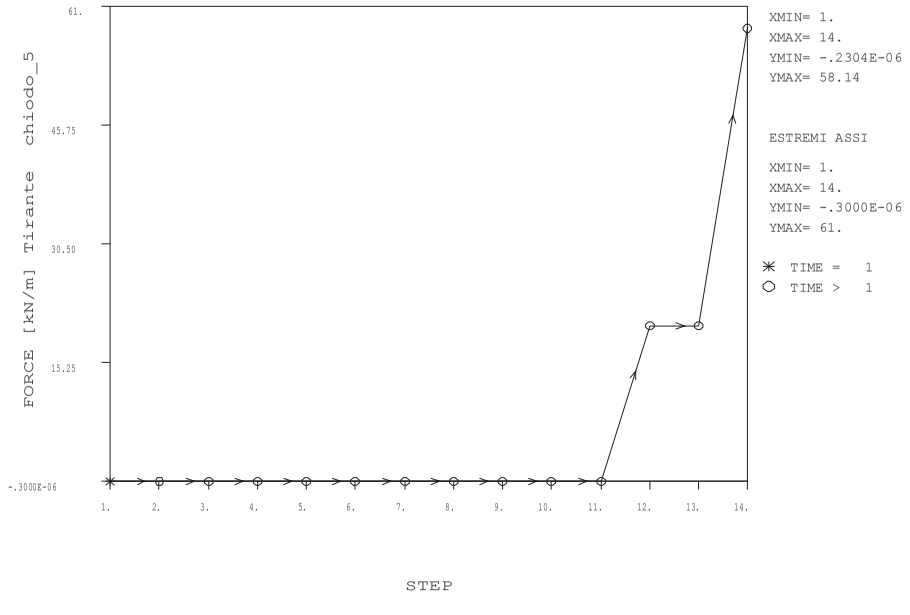
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_5

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	-.2304E-06
12.	19.98
13.	19.98
14.	58.14



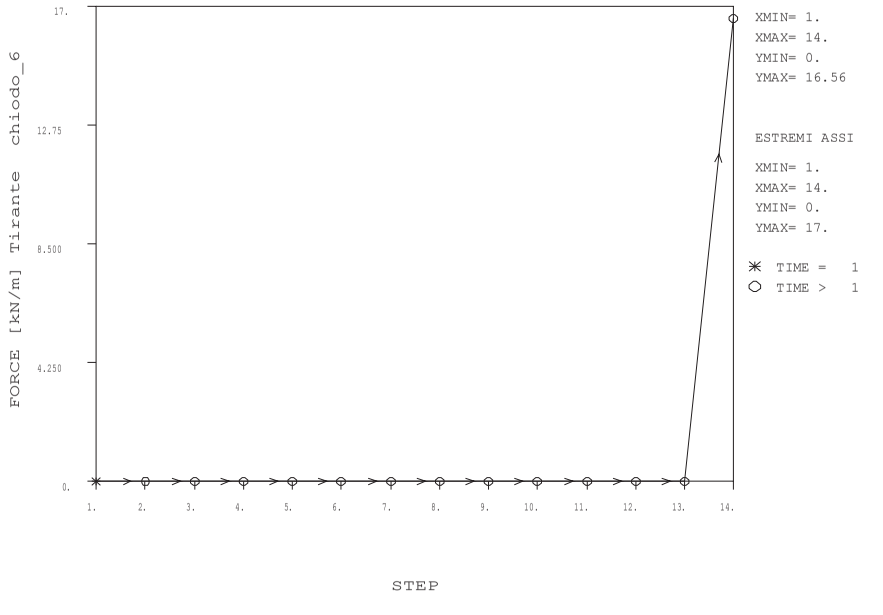
DAL PASSO 1 AL PASSO 14
DIAGRAMMA VARIABILE X / VARIABILE Y

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Tirante chiodo_6

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.
4.	0.
5.	0.
6.	0.
7.	0.
8.	0.
9.	0.
10.	0.
11.	0.
12.	0.
13.	0.2361E-04
14.	16.56



DAL PASSO 1 AL PASSO 14

DIAGRAMMA VARIABILE X / VARIABILE Y

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Appendice Q

P3 - Sezione A – Tabulati di calcolo PARATIE

History 0 - Paratia 3 Sez_A H = 4.7 m 1 chiodo

****
** **
** P A R A T I E **
** **
** RELEASE 7.00 VERSIONE WIN **
** **
** Ce.A.S. s.r.l. - Viale Giustiniano, 10 **
** 20129 MILANO **
** **
****

JOBNAME C:\Progetti\SAB_Liguria\Def_imbocchi_EC\Lato Noli\Analisi Winpara\P

8 OTTOBRE 2011 3:54:51

ELENCO DEI DATI DI INPUT(PARAGEN)

Per il significato dei vari comandi
si faccia riferimento al manuale di
input PARAGEN, versione 7.00.

```
  N.  comando
   1: * Paratie for Windows version 7.0
   2: * Filename= <c:\progetti\sab_liguria\def_imbocchi_ec\lato noli\analisi
      winpara\p
   3: * project with "run time" parameters
   4: * Force=kN Lenght=m
   5: *
   6: units m kN
   7: title History 0 - Paratia 3 Sez_A   H = 4.7 m  1 chiodo
   8: delta 0.1
   9: option param itemax 20
  10: option noprint echo
  11: option noprint displ
  12: option noprint react
  13: option noprint stresses
  14:     wall LeftWall 0 -6.8 0
  15: *
  16: soil UHLeft LeftWall -6.8 0 1 0
  17: soil DHLeft LeftWall -6.8 0 2 180
  18: *
  19: material Acciaio 2.1E+008
  20: material Acciaio_chiodi 2.1E+008
  21: *
  22: beam paratia LeftWall -6.8 0 Acciaio 0.06 00 00
  23: *
  24: wire chiodo_1 LeftWall -2.5 Acciaio_chiodi 0.000105 0 20
  25: *
  26: * Soil Profile
  27: *
  28:     ldata          1_ 0
  29:         weight     27 27 0
  30:         atrest     1 0 1 1
  31:         resistance 80 38 0.195942 9.11404
  32:         young      2E+006 3E+006
  33:     endlayer
  34: *
  35: step 1 :  geostatica
  36:     setwall LeftWall
  37:         geom 0 0
  38: endstep
```

```
  N.  comando

  39: *
  40: step 2 :  scavo a  quota -3 m+sovraccarico 50 kPa
  41:     setwall LeftWall
  42:         geom 0 -3
  43:         surcharge 50 0 0 0
  44: endstep
  45: *
  46: step 3 :  inserimento primo chiodo
  47:     setwall LeftWall
  48:         geom 0 -3
  49:         surcharge 40 0 0 0
  50:         add chiodo_1
  51: endstep
  52: *
  53: step 4 :  scavo finale -4.7 m
  54:     setwall LeftWall
  55:         geom 0 -4.7
  56:         surcharge 50 0 0 0
  57: endstep
  58: *
  59: step 5 :  sisma kh=0.114
  60:     change 1_ U-KA=0.261
  61:     setwall LeftWall
  62:         geom 0 -4.7
  63:         surcharge 50 0 0 0
  64: endstep
  65: *
  66: *
```

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 1

LAYER 1_

natura 1=granulare, 2=argilla	= 1.0000		
quota superiore	= 0.0000	m	
quota inferiore	=-0.10000E+31	m	
peso fuori falda	= 27.000	kN/m³	
peso efficace in falda	= 27.000	kN/m³	
coesione	= 80.000	kPa	(A MONTE)
angolo di attrito	= 38.000	DEG	(A MONTE)
coeff. spinta attiva ka	= 0.19594		(A MONTE)
coeff. spinta passiva kp	= 9.1140		(A MONTE)
Konc normal consolidato	= 1.0000		
OCR: grado di sovraconsolidazione	= 1.0000		
coeff Ko - release 5.1	= 1.0000		
modello di rigidezza	= 1.0000		
modulo el. compr. vergine	= 0.20000E+07	kPa	
modulo el. scarico/ricarico	= 0.30000E+07	kPa	
natura 1=granulare, 2=argilla	= 1.0000		(A VALLE)
coesione	= 80.000	kPa	(A VALLE)
angolo di attrito	= 38.000	DEG	(A VALLE)
coeff. spinta attiva ka	= 0.19594		(A VALLE)
coeff. spinta passiva kp	= 9.1140		(A VALLE)

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 2

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 3

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 4

(SOLO I PARAMETRI CHE POSSONO VARIARE)

NESSUN CAMBIAMENTO RISPETTO AL PASSO PRECEDENTE

RIASSUNTO PARAMETRI GEOTECNICI PER LA FASE 5

(SOLO I PARAMETRI CHE POSSONO VARIARE)

LAYER 1_
coeff. spinta attiva ka = 0.26100 (A MONTE)

RIASSUNTO DATI RELATIVI ALLA FASE 1

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= 0.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 0.0000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	=-0.99900E+30	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -6.8000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 2

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 50.000	kPa
quota del sovraccarico a monte	= 0.0000	m
depressione falda a valle	= 0.0000	m
sovraccarico a valle	= 0.0000	kPa
quota del sovraccarico a valle	= 0.0000	m
quota di taglio	= 0.0000	m
quota di equil. pressioni dell'acqua	= -6.8000	m
indicatore comportamento acqua	= 0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	= 0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 3

WALL LeftWall

coordinata y	= 0.0000	m
quota piano campagna	= 0.0000	m
quota del fondo scavo	= -3.0000	m
quota della falda	=-0.99900E+30	m
sovraccarico a monte	= 40.000	kPa

RIASSUNTO DATI RELATIVI ALLA FASE 3

quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-6.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 4

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-4.7000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	50.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-6.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO DATI RELATIVI ALLA FASE 5

WALL LeftWall

coordinata y	=	0.0000	m
quota piano campagna	=	0.0000	m
quota del fondo scavo	=	-4.7000	m
quota della falda	=	-0.99900E+30	m
sovraccarico a monte	=	50.000	kPa
quota del sovraccarico a monte	=	0.0000	m
depressione falda a valle	=	0.0000	m
sovraccarico a valle	=	0.0000	kPa
quota del sovraccarico a valle	=	0.0000	m
quota di taglio	=	0.0000	m
quota di equil. pressioni dell'acqua	=	-6.8000	m
indicatore comportamento acqua	=	0.0000	(1=REMOVE)
opzione aggiornamento pressioni acqua	=	0.0000	(1=NO UPD)

RIASSUNTO ELEMENTI

RIASSUNTO ELEMENTI SOIL

Name	Wall	Z1	Z2	Flag	Angle
		m	m		deg
UHLeft	LeftWall	0.	-6.800	UPHILL	0.
DHLeft	LeftWall	0.	-6.800	DOWNHILL	180.0

RIASSUNTO ELEMENTI BEAM

Name	Wall	Z1	Z2	Mat	thick
		m	m		m
paratia	LeftWall	0.	-6.800	_	0.6000E-01

RIASSUNTO ELEMENTI WIRE

Name	Wall	Zeta	Mat	A/L	Pinit	Angle
		m			kN/m	deg
chiodo_1	LeftWall	-2.500	_	0.1050E-03	0.	20.00

RIASSUNTO DATI VARI

MATERIALI	
Name	YOUNG MODULUS
	kPa
Acci	2.1E+008
Acci	2.1E+008

RIASSUNTO ANALISI INCREMENTALE

FASE	N. DI ITERAZIONI	CONVERGENZA
1	2	SI
2	10	SI
3	2	SI
4	8	SI
5	2	SI

STEP DI CARICO NO. 1

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.00000000E+00	0.00000000E+00
2	0.00000000E+00	0.00000000E+00
3	0.00000000E+00	0.00000000E+00
4	0.00000000E+00	0.00000000E+00
5	0.00000000E+00	0.00000000E+00
6	0.00000000E+00	0.00000000E+00
7	0.00000000E+00	0.00000000E+00
8	0.00000000E+00	0.00000000E+00
9	0.00000000E+00	0.00000000E+00
10	0.00000000E+00	0.00000000E+00
11	0.00000000E+00	0.00000000E+00
12	0.00000000E+00	0.00000000E+00
13	0.00000000E+00	0.00000000E+00
14	0.00000000E+00	0.00000000E+00
15	0.00000000E+00	0.00000000E+00
16	0.00000000E+00	0.00000000E+00
17	0.00000000E+00	0.00000000E+00
18	0.00000000E+00	0.00000000E+00
19	0.00000000E+00	0.00000000E+00
20	0.00000000E+00	0.00000000E+00
21	0.00000000E+00	0.00000000E+00
22	0.00000000E+00	0.00000000E+00
23	0.00000000E+00	0.00000000E+00
24	0.00000000E+00	0.00000000E+00
25	0.00000000E+00	0.00000000E+00
26	0.00000000E+00	0.00000000E+00
27	0.00000000E+00	0.00000000E+00
28	0.00000000E+00	0.00000000E+00
29	0.00000000E+00	0.00000000E+00
30	0.00000000E+00	0.00000000E+00
31	0.00000000E+00	0.00000000E+00
32	0.00000000E+00	0.00000000E+00
33	0.00000000E+00	0.00000000E+00
34	0.00000000E+00	0.00000000E+00
35	0.00000000E+00	0.00000000E+00
36	0.00000000E+00	0.00000000E+00
37	0.00000000E+00	0.00000000E+00
38	0.00000000E+00	0.00000000E+00
39	0.00000000E+00	0.00000000E+00
40	0.00000000E+00	0.00000000E+00
41	0.00000000E+00	0.00000000E+00
42	0.00000000E+00	0.00000000E+00
43	0.00000000E+00	0.00000000E+00

History 0 - Paratia 3 Sez_A H = 4.7 m 1 chiodo

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.00000000E+00	0.00000000E+00
45	0.00000000E+00	0.00000000E+00
46	0.00000000E+00	0.00000000E+00
47	0.00000000E+00	0.00000000E+00
48	0.00000000E+00	0.00000000E+00
49	0.00000000E+00	0.00000000E+00
50	0.00000000E+00	0.00000000E+00
51	0.00000000E+00	0.00000000E+00
52	0.00000000E+00	0.00000000E+00
53	0.00000000E+00	0.00000000E+00
54	0.00000000E+00	0.00000000E+00
55	0.00000000E+00	0.00000000E+00
56	0.00000000E+00	0.00000000E+00
57	0.00000000E+00	0.00000000E+00
58	0.00000000E+00	0.00000000E+00
59	0.00000000E+00	0.00000000E+00
60	0.00000000E+00	0.00000000E+00
61	0.00000000E+00	0.00000000E+00
62	0.00000000E+00	0.00000000E+00
63	0.00000000E+00	0.00000000E+00
64	0.00000000E+00	0.00000000E+00
65	0.00000000E+00	0.00000000E+00
66	0.00000000E+00	0.00000000E+00
67	0.00000000E+00	0.00000000E+00
68	0.00000000E+00	0.00000000E+00
69	0.00000000E+00	0.00000000E+00

STEP DI CARICO NO. 2

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32406804E-03	-0.10211103E-03
2	0.31385693E-03	-0.10211103E-03
3	0.30364582E-03	-0.10211103E-03
4	0.29343474E-03	-0.10211103E-03
5	0.28322364E-03	-0.10211103E-03
6	0.27301253E-03	-0.10211103E-03
7	0.26280142E-03	-0.10211103E-03
8	0.25259031E-03	-0.10211103E-03
9	0.24237922E-03	-0.10211103E-03
10	0.23216811E-03	-0.10211103E-03
11	0.22195702E-03	-0.10211103E-03
12	0.21174591E-03	-0.10211103E-03
13	0.20153480E-03	-0.10211103E-03
14	0.19132371E-03	-0.10211103E-03
15	0.18111260E-03	-0.10211103E-03
16	0.17090149E-03	-0.10211103E-03
17	0.16069040E-03	-0.10211103E-03
18	0.15047929E-03	-0.10211103E-03
19	0.14026818E-03	-0.10211103E-03
20	0.13005709E-03	-0.10211103E-03
21	0.11984598E-03	-0.10211103E-03
22	0.10963488E-03	-0.10211103E-03
23	0.99423771E-04	-0.10211103E-03
24	0.89212670E-04	-0.10211103E-03
25	0.79001569E-04	-0.10211103E-03
26	0.68790469E-04	-0.10211103E-03
27	0.58579364E-04	-0.10211103E-03
28	0.48368260E-04	-0.10211103E-03
29	0.38157155E-04	-0.10211103E-03
30	0.28020677E-04	-0.99872319E-04
31	0.18487197E-04	-0.88498527E-04
32	0.10616157E-04	-0.68269183E-04
33	0.48706388E-05	-0.46921457E-04
34	0.11340238E-05	-0.28508992E-04
35	-0.97936652E-06	-0.14542728E-04
36	-0.19235456E-05	-0.50471735E-05
37	-0.21151664E-05	0.65742773E-06
38	-0.18871419E-05	0.35095684E-05
39	-0.14773335E-05	0.44392832E-05
40	-0.10373057E-05	0.42283896E-05
41	-0.65019623E-06	0.34612783E-05
42	-0.35060353E-06	0.25275599E-05
43	-0.14270168E-06	0.16533179E-05

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.14396634E-07	0.94537518E-06
45	0.52894908E-07	0.43307884E-06
46	0.78271391E-07	0.10235023E-06
47	0.78245819E-07	-0.81952500E-07
48	0.65363963E-07	-0.16176314E-06
49	0.48093739E-07	-0.17555732E-06
50	0.31439800E-07	-0.15373242E-06
51	0.17825633E-07	-0.11755618E-06
52	0.79708036E-08	-0.80112812E-07
53	0.16200270E-08	-0.48160704E-07
54	-0.19251214E-08	-0.24122100E-07
55	-0.34654488E-08	-0.79151707E-08
56	-0.37274570E-08	0.17127105E-08
57	-0.32864933E-08	0.64329919E-08
58	-0.25501166E-08	0.78755358E-08
59	-0.17754347E-08	0.73966220E-08
60	-0.11013661E-08	0.60004917E-08
61	-0.58381860E-09	0.43498951E-08
62	-0.22718601E-09	0.28253300E-08
63	-0.86758985E-11	0.16030656E-08
64	0.10497315E-09	0.72718193E-09
65	0.14727634E-09	0.16677387E-09
66	0.14659103E-09	-0.14574075E-09
67	0.12376690E-09	-0.28909430E-09
68	0.91996084E-10	-0.33573050E-09
69	0.57927628E-10	-0.34316161E-09

STEP DI CARICO NO. 3

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32406804E-03	-0.10211103E-03
2	0.31385693E-03	-0.10211103E-03
3	0.30364582E-03	-0.10211103E-03
4	0.29343474E-03	-0.10211103E-03
5	0.28322364E-03	-0.10211103E-03
6	0.27301253E-03	-0.10211103E-03
7	0.26280142E-03	-0.10211103E-03
8	0.25259031E-03	-0.10211103E-03
9	0.24237922E-03	-0.10211103E-03
10	0.23216811E-03	-0.10211103E-03
11	0.22195702E-03	-0.10211103E-03
12	0.21174591E-03	-0.10211103E-03
13	0.20153480E-03	-0.10211103E-03
14	0.19132371E-03	-0.10211103E-03
15	0.18111260E-03	-0.10211103E-03
16	0.17090149E-03	-0.10211103E-03
17	0.16069040E-03	-0.10211103E-03
18	0.15047929E-03	-0.10211103E-03
19	0.14026818E-03	-0.10211103E-03
20	0.13005709E-03	-0.10211103E-03
21	0.11984598E-03	-0.10211103E-03
22	0.10963488E-03	-0.10211103E-03
23	0.99423778E-04	-0.10211103E-03
24	0.89212670E-04	-0.10211103E-03
25	0.79001569E-04	-0.10211103E-03
26	0.68790469E-04	-0.10211103E-03
27	0.58579364E-04	-0.10211103E-03
28	0.48368260E-04	-0.10211103E-03
29	0.38157159E-04	-0.10211103E-03
30	0.28020679E-04	-0.99872319E-04
31	0.18487197E-04	-0.88498527E-04
32	0.10616159E-04	-0.68269197E-04
33	0.48706383E-05	-0.46921476E-04
34	0.11340211E-05	-0.28509023E-04
35	-0.97937311E-06	-0.14542773E-04
36	-0.19235572E-05	-0.50472336E-05
37	-0.21151848E-05	0.65735691E-06
38	-0.18871675E-05	0.35094979E-05
39	-0.14773653E-05	0.44392341E-05
40	-0.10373399E-05	0.42283968E-05
41	-0.65022664E-06	0.34613392E-05
42	-0.35062681E-06	0.25276370E-05
43	-0.14271740E-06	0.16533897E-05

NOD	Y-DISPL [m]	X-ROT [rad]
44	-0.14405872E-07	0.94543208E-06
45	0.52890492E-07	0.43311852E-06
46	0.78270148E-07	0.10237450E-06
47	0.78246373E-07	-0.81940073E-07
48	0.65365327E-07	-0.16175878E-06
49	0.48095277E-07	-0.17555777E-06
50	0.31441161E-07	-0.15373521E-06
51	0.17826665E-07	-0.11755966E-06
52	0.79714972E-08	-0.80116031E-07
53	0.16204316E-08	-0.48163241E-07
54	-0.19249313E-08	-0.24123860E-07
55	-0.34653995E-08	-0.79162463E-08
56	-0.37274877E-08	0.17121620E-08
57	-0.32865592E-08	0.64328041E-08
58	-0.25501894E-08	0.78755660E-08
59	-0.17754985E-08	0.73967574E-08
60	-0.11014143E-08	0.60006573E-08
61	-0.58385063E-09	0.43500492E-08
62	-0.22720403E-09	0.28254548E-08
63	-0.86830924E-11	0.16031582E-08
64	0.10497378E-09	0.72724710E-09
65	0.14728241E-09	0.16681857E-09
66	0.14660077E-09	-0.14571153E-09
67	0.12377883E-09	-0.28907976E-09
68	0.92008894E-10	-0.33572572E-09
69	0.57940784E-10	-0.34315881E-09

STEP DI CARICO NO. 4

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32624046E-03	-0.10477735E-03
2	0.31576271E-03	-0.10477735E-03
3	0.30528498E-03	-0.10477735E-03
4	0.29480734E-03	-0.10477497E-03
5	0.28433042E-03	-0.10475968E-03
6	0.27385654E-03	-0.10470957E-03
7	0.26339074E-03	-0.10459201E-03
8	0.25294177E-03	-0.10436560E-03
9	0.24252279E-03	-0.10398476E-03
10	0.23215149E-03	-0.10340418E-03
11	0.22185114E-03	-0.10254797E-03
12	0.21165518E-03	-0.10129334E-03
13	0.20161009E-03	-0.99509729E-04
14	0.19177362E-03	-0.97114033E-04
15	0.18220842E-03	-0.94084571E-04
16	0.17297785E-03	-0.90421345E-04
17	0.16414527E-03	-0.86124361E-04
18	0.15577409E-03	-0.81193619E-04
19	0.14792767E-03	-0.75629112E-04
20	0.14066939E-03	-0.69430840E-04
21	0.13406263E-03	-0.62598810E-04
22	0.12817077E-03	-0.55133016E-04
23	0.12305715E-03	-0.47033460E-04
24	0.11878520E-03	-0.38300139E-04
25	0.11541825E-03	-0.28933060E-04
26	0.11301971E-03	-0.18932218E-04
27	0.11161497E-03	-0.94367306E-05
28	0.11107755E-03	-0.15857127E-05
29	0.11124300E-03	0.46208356E-05
30	0.11194689E-03	0.91829143E-05
31	0.11302477E-03	0.12100522E-04
32	0.11431218E-03	0.13373661E-04
33	0.11564469E-03	0.13002330E-04
34	0.11685784E-03	0.10986530E-04
35	0.11778718E-03	0.73262586E-05
36	0.11826827E-03	0.20215180E-05
37	0.11813667E-03	-0.49276928E-05
38	0.11722792E-03	-0.13521373E-04
39	0.11537757E-03	-0.23759523E-04
40	0.11242120E-03	-0.35642144E-04
41	0.10819433E-03	-0.49169234E-04
42	0.10253253E-03	-0.64340791E-04
43	0.95271360E-04	-0.81156824E-04

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.86246357E-04	-0.99617318E-04
45	0.75293079E-04	-0.11972229E-03
46	0.62320411E-04	-0.13927181E-03
47	0.47693386E-04	-0.15118127E-03
48	0.32763885E-04	-0.14269895E-03
49	0.19799429E-04	-0.11484159E-03
50	0.99672179E-05	-0.81834667E-04
51	0.33371866E-05	-0.51687017E-04
52	-0.58342607E-06	-0.27936592E-04
53	-0.24873691E-05	-0.11303287E-04
54	-0.30548995E-05	-0.99445811E-06
55	-0.28494287E-05	0.44193339E-05
56	-0.22834486E-05	0.64606479E-05
57	-0.16255963E-05	0.64530450E-05
58	-0.10275510E-05	0.54041016E-05
59	-0.55675036E-06	0.39959245E-05
60	-0.22684516E-06	0.26333739E-05
61	-0.21949466E-07	0.15146071E-05
62	0.86228617E-07	0.70041079E-06
63	0.12764245E-06	0.17150698E-06
64	0.12810233E-06	-0.13022742E-06
65	0.10685345E-06	-0.27426728E-06
66	0.76377958E-07	-0.32443450E-06
67	0.43437151E-07	-0.33048357E-06
68	0.10670007E-07	-0.32486975E-06
69	-0.21630882E-07	-0.32207848E-06

STEP DI CARICO NO. 5

NOD	Y-DISPL [m]	X-ROT [rad]
1	0.32624046E-03	-0.10477735E-03
2	0.31576271E-03	-0.10477735E-03
3	0.30528498E-03	-0.10477735E-03
4	0.29480734E-03	-0.10477497E-03
5	0.28433042E-03	-0.10475968E-03
6	0.27385654E-03	-0.10470957E-03
7	0.26339074E-03	-0.10459201E-03
8	0.25294177E-03	-0.10436560E-03
9	0.24252279E-03	-0.10398476E-03
10	0.23215149E-03	-0.10340418E-03
11	0.22185114E-03	-0.10254797E-03
12	0.21165518E-03	-0.10129334E-03
13	0.20161009E-03	-0.99509729E-04
14	0.19177362E-03	-0.97114033E-04
15	0.18220842E-03	-0.94084571E-04
16	0.17297785E-03	-0.90421345E-04
17	0.16414527E-03	-0.86124361E-04
18	0.15577409E-03	-0.81193619E-04
19	0.14792767E-03	-0.75629112E-04
20	0.14066939E-03	-0.69430840E-04
21	0.13406263E-03	-0.62598810E-04
22	0.12817077E-03	-0.55133016E-04
23	0.12305715E-03	-0.47033460E-04
24	0.11878520E-03	-0.38300139E-04
25	0.11541825E-03	-0.28933060E-04
26	0.11301971E-03	-0.18932218E-04
27	0.11161497E-03	-0.94367306E-05
28	0.11107755E-03	-0.15857127E-05
29	0.11124300E-03	0.46208356E-05
30	0.11194689E-03	0.91829143E-05
31	0.11302477E-03	0.12100522E-04
32	0.11431218E-03	0.13373661E-04
33	0.11564469E-03	0.13002330E-04
34	0.11685784E-03	0.10986530E-04
35	0.11778718E-03	0.73262586E-05
36	0.11826827E-03	0.20215180E-05
37	0.11813667E-03	-0.49276928E-05
38	0.11722792E-03	-0.13521373E-04
39	0.11537757E-03	-0.23759523E-04
40	0.11242120E-03	-0.35642144E-04
41	0.10819433E-03	-0.49169234E-04
42	0.10253253E-03	-0.64340791E-04
43	0.95271360E-04	-0.81156824E-04

NOD	Y-DISPL [m]	X-ROT [rad]
44	0.86246357E-04	-0.99617318E-04
45	0.75293079E-04	-0.11972229E-03
46	0.62320411E-04	-0.13927181E-03
47	0.47693386E-04	-0.15118127E-03
48	0.32763885E-04	-0.14269895E-03
49	0.19799429E-04	-0.11484159E-03
50	0.99672179E-05	-0.81834667E-04
51	0.33371866E-05	-0.51687017E-04
52	-0.58342607E-06	-0.27936592E-04
53	-0.24873691E-05	-0.11303287E-04
54	-0.30548995E-05	-0.99445811E-06
55	-0.28494287E-05	0.44193339E-05
56	-0.22834486E-05	0.64606479E-05
57	-0.16255963E-05	0.64530450E-05
58	-0.10275510E-05	0.54041016E-05
59	-0.55675036E-06	0.39959245E-05
60	-0.22684516E-06	0.26333739E-05
61	-0.21949466E-07	0.15146071E-05
62	0.86228617E-07	0.70041079E-06
63	0.12764245E-06	0.17150698E-06
64	0.12810233E-06	-0.13022742E-06
65	0.10685345E-06	-0.27426728E-06
66	0.76377958E-07	-0.32443450E-06
67	0.43437151E-07	-0.33048357E-06
68	0.10670007E-07	-0.32486975E-06
69	-0.21630882E-07	-0.32207848E-06

MASSIMI SPOSTAMENTI LATERALI
TUTTI I PASSI
* PARETE LeftWall*
* I PASSI NON EQUILIBRATI SONO ESCLUSI *
* NOTA: LE QUOTE ESPRESSE IN m
E GLI SPOSTAMENTI IN m

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
1	0.0000	0.32624E-03	5
2	-0.10000	0.31576E-03	5
3	-0.20000	0.30528E-03	5
4	-0.30000	0.29481E-03	5
5	-0.40000	0.28433E-03	5
6	-0.50000	0.27386E-03	5
7	-0.60000	0.26339E-03	5
8	-0.70000	0.25294E-03	5
9	-0.80000	0.24252E-03	5
10	-0.90000	0.23217E-03	3
11	-1.0000	0.22196E-03	3
12	-1.1000	0.21175E-03	3
13	-1.2000	0.20161E-03	5
14	-1.3000	0.19177E-03	5
15	-1.4000	0.18221E-03	5
16	-1.5000	0.17298E-03	5
17	-1.6000	0.16415E-03	5
18	-1.7000	0.15577E-03	5
19	-1.8000	0.14793E-03	5
20	-1.9000	0.14067E-03	5
21	-2.0000	0.13406E-03	5
22	-2.1000	0.12817E-03	5
23	-2.2000	0.12306E-03	5
24	-2.3000	0.11879E-03	5
25	-2.4000	0.11542E-03	5
26	-2.5000	0.11302E-03	5
27	-2.6000	0.11161E-03	5
28	-2.7000	0.11108E-03	5
29	-2.8000	0.11124E-03	5
30	-2.9000	0.11195E-03	5
31	-3.0000	0.11302E-03	5
32	-3.1000	0.11431E-03	5
33	-3.2000	0.11564E-03	5
34	-3.3000	0.11686E-03	5
35	-3.4000	0.11779E-03	5
36	-3.5000	0.11827E-03	5
37	-3.6000	0.11814E-03	5
38	-3.7000	0.11723E-03	5

NODO	QUOTA ZETA	SPOSTAMENTO MASSIMO	FASE PARETE LeftWall
39	-3.8000	0.11538E-03	5
40	-3.9000	0.11242E-03	5
41	-4.0000	0.10819E-03	5
42	-4.1000	0.10253E-03	5
43	-4.2000	0.95271E-04	5
44	-4.3000	0.86246E-04	5
45	-4.4000	0.75293E-04	5
46	-4.5000	0.62320E-04	5
47	-4.6000	0.47693E-04	5
48	-4.7000	0.32764E-04	5
49	-4.8000	0.19799E-04	5
50	-4.9000	0.99672E-05	5
51	-5.0000	0.33372E-05	5
52	-5.1000	-0.58343E-06	5
53	-5.2000	-0.24874E-05	5
54	-5.3000	-0.30549E-05	5
55	-5.4000	-0.28494E-05	5
56	-5.5000	-0.22834E-05	5
57	-5.6000	-0.16256E-05	5
58	-5.7000	-0.10276E-05	5
59	-5.8000	-0.55675E-06	5
60	-5.9000	-0.22685E-06	5
61	-6.0000	-0.21949E-07	5
62	-6.1000	0.86229E-07	5
63	-6.2000	0.12764E-06	5
64	-6.3000	0.12810E-06	5
65	-6.4000	0.10685E-06	5
66	-6.5000	0.76378E-07	5
67	-6.6000	0.43437E-07	5
68	-6.7000	0.10670E-07	5
69	-6.8000	-0.21631E-07	5

INVILUPPO AZIONI INTERNE NEGLI ELEMENTI DI PARETE
(PER UNITA' DI PROFONDITA')
* PARETE LeftWall GRUPPO paratia*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
MOMENTO SX = Momento che tende le fibre sulla faccia sinistra [kN*m/m]
MOMENTO DX = Momento che tende le fibre sulla faccia destra [kN*m/m]
TAGLIO = forza tagliante (valore assoluto, priva di segno)[kN/m]

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
1	A	0.	0.1918E-12	0.1199E-12	0.1742E-09
	B	-0.1000	0.	0.1732E-10	0.1742E-09
2	A	-0.1000	0.	0.1723E-10	0.3861E-09
	B	-0.2000	0.1048E-12	0.5570E-10	0.3861E-09
3	A	-0.2000	0.1616E-12	0.5566E-10	0.1799E-02
	B	-0.3000	0.1799E-03	0.1009E-09	0.1799E-02
4	A	-0.3000	0.1799E-03	0.1007E-09	0.7956E-02
	B	-0.4000	0.9755E-03	0.1360E-09	0.7956E-02
5	A	-0.4000	0.9755E-03	0.1361E-09	0.1837E-01
	B	-0.5000	0.2813E-02	0.1711E-09	0.1837E-01
6	A	-0.5000	0.2813E-02	0.1710E-09	0.3263E-01
	B	-0.6000	0.6076E-02	0.2063E-09	0.3263E-01
7	A	-0.6000	0.6076E-02	0.2063E-09	0.4964E-01
	B	-0.7000	0.1104E-01	0.2414E-09	0.4964E-01
8	A	-0.7000	0.1104E-01	0.2413E-09	0.6712E-01
	B	-0.8000	0.1775E-01	0.2766E-09	0.6712E-01
9	A	-0.8000	0.1775E-01	0.2766E-09	0.8388E-01
	B	-0.9000	0.2614E-01	0.3117E-09	0.8388E-01
10	A	-0.9000	0.2614E-01	0.3118E-09	0.1245
	B	-1.000	0.3859E-01	0.3470E-09	0.1245
11	A	-1.000	0.3859E-01	0.3470E-09	0.1767
	B	-1.100	0.5626E-01	0.3820E-09	0.1767
12	A	-1.100	0.5626E-01	0.3821E-09	0.2232
	B	-1.200	0.7858E-01	0.4173E-09	0.2232
13	A	-1.200	0.7858E-01	0.4172E-09	0.2396
	B	-1.300	0.1025	0.4524E-09	0.2396
14	A	-1.300	0.1025	0.4525E-09	0.2396
	B	-1.400	0.1265	0.3979E-12	0.2396
15	A	-1.400	0.1265	0.4547E-12	0.2396
	B	-1.500	0.1504	0.3411E-12	0.2396
16	A	-1.500	0.1504	0.3340E-12	0.2396
	B	-1.600	0.1744	0.4690E-12	0.2396
17	A	-1.600	0.1744	0.3277E-12	0.2396
	B	-1.700	0.1984	0.2540E-12	0.2396

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
18	A	-1.700	0.1984	0.3029E-12	0.2396
	B	-1.800	0.2223	0.2469E-12	0.2396
19	A	-1.800	0.2223	0.1972E-12	0.2396
	B	-1.900	0.2463	0.2309E-12	0.2396
20	A	-1.900	0.2463	0.2061E-12	0.2396
	B	-2.000	0.2702	0.2132E-12	0.2396
21	A	-2.000	0.2702	0.2576E-12	0.2396
	B	-2.100	0.2942	0.3091E-12	0.2396
22	A	-2.100	0.2942	0.3046E-12	0.2396
	B	-2.200	0.3181	0.3002E-12	0.2396
23	A	-2.200	0.3181	0.2549E-12	0.2396
	B	-2.300	0.3421	0.3428E-12	0.2396
24	A	-2.300	0.3421	0.2771E-12	0.2396
	B	-2.400	0.3661	0.2700E-12	0.2396
25	A	-2.400	0.3661	0.3082E-12	0.2396
	B	-2.500	0.3900	0.7512E-08	0.2396
26	A	-2.500	0.3900	0.7512E-08	0.6216
	B	-2.600	0.3278	0.1926E-07	0.6216
27	A	-2.600	0.3278	0.1926E-07	0.6216
	B	-2.700	0.2657	0.3100E-07	0.6216
28	A	-2.700	0.2657	0.3100E-07	0.6216
	B	-2.800	0.2035	0.4275E-07	0.6216
29	A	-2.800	0.2035	0.4275E-07	1.692
	B	-2.900	0.1692	0.	1.692
30	A	-2.900	0.1692	0.	5.214
	B	-3.000	0.6906	0.	5.214
31	A	-3.000	0.6906	0.	1.481
	B	-3.100	0.8387	0.	1.481
32	A	-3.100	0.8387	0.	0.6356
	B	-3.200	0.7752	0.4512E-01	0.6356
33	A	-3.200	0.7752	0.4512E-01	1.583
	B	-3.300	0.6168	0.1073	1.583
34	A	-3.300	0.6168	0.1073	1.778
	B	-3.400	0.4390	0.1694	1.778
35	A	-3.400	0.4390	0.1694	1.602
	B	-3.500	0.2788	0.2316	1.602
36	A	-3.500	0.2788	0.2316	1.264
	B	-3.600	0.1524	0.2938	1.264
37	A	-3.600	0.1524	0.2938	0.8924
	B	-3.700	0.6319E-01	0.3559	0.8924
38	A	-3.700	0.6319E-01	0.3559	0.6216
	B	-3.800	0.7099E-02	0.4181	0.6216
39	A	-3.800	0.7099E-02	0.4181	0.6216
	B	-3.900	0.	0.4802	0.6216
40	A	-3.900	0.	0.4802	0.6216
	B	-4.000	0.	0.5424	0.6216

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
41	A	-4.000	0.	0.5424	0.6216
	B	-4.100	0.	0.6046	0.6216
42	A	-4.100	0.	0.6046	0.6216
	B	-4.200	0.	0.6667	0.6216
43	A	-4.200	0.	0.6667	0.6216
	B	-4.300	0.	0.7289	0.6216
44	A	-4.300	0.	0.7289	0.6216
	B	-4.400	0.	0.7910	0.6216
45	A	-4.400	0.	0.7910	1.042
	B	-4.500	0.	0.6869	1.042
46	A	-4.500	0.	0.6869	4.734
	B	-4.600	0.	0.2135	4.734
47	A	-4.600	0.	0.2135	10.68
	B	-4.700	0.8547	0.1438E-02	10.68
48	A	-4.700	0.8547	0.1438E-02	3.966
	B	-4.800	1.251	0.	3.966
49	A	-4.800	1.251	0.	0.7266E-01
	B	-4.900	1.244	0.	0.7266E-01
50	A	-4.900	1.244	0.	2.089
	B	-5.000	1.035	0.	2.089
51	A	-5.000	1.035	0.	2.747
	B	-5.100	0.7604	0.	2.747
52	A	-5.100	0.7604	0.	2.633
	B	-5.200	0.4971	0.	2.633
53	A	-5.200	0.4971	0.	2.148
	B	-5.300	0.2823	0.	2.148
54	A	-5.300	0.2823	0.	1.553
	B	-5.400	0.1270	0.	1.553
55	A	-5.400	0.1270	0.	0.9971
	B	-5.500	0.2731E-01	0.	0.9971
56	A	-5.500	0.2731E-01	0.	0.5519
	B	-5.600	0.1021E-03	0.2788E-01	0.5519
57	A	-5.600	0.1021E-03	0.2788E-01	0.2353
	B	-5.700	0.7019E-05	0.5142E-01	0.2353
58	A	-5.700	0.7019E-05	0.5142E-01	0.3625E-01
	B	-5.800	0.	0.5504E-01	0.3625E-01
59	A	-5.800	0.	0.5504E-01	0.7075E-01
	B	-5.900	0.	0.4797E-01	0.7075E-01
60	A	-5.900	0.	0.4797E-01	0.1136
	B	-6.000	0.	0.3661E-01	0.1136
61	A	-6.000	0.	0.3661E-01	0.1167
	B	-6.100	0.	0.2494E-01	0.1167
62	A	-6.100	0.	0.2494E-01	0.9898E-01
	B	-6.200	0.	0.1504E-01	0.9898E-01
63	A	-6.200	0.	0.1504E-01	0.7276E-01
	B	-6.300	0.	0.7767E-02	0.7276E-01

BEAM EL.	ESTREMO	QUOTA	MOMENTO SX	MOMENTO DX	TAGLIO
64	A	-6.300	0.	0.7767E-02	0.4646E-01
	B	-6.400	0.	0.3122E-02	0.4646E-01
65	A	-6.400	0.	0.3122E-02	0.2451E-01
	B	-6.500	0.	0.6707E-03	0.2451E-01
66	A	-6.500	0.	0.6707E-03	0.8841E-02
	B	-6.600	0.2134E-03	0.2964E-05	0.8841E-02
67	A	-6.600	0.2134E-03	0.2964E-05	0.2403E-04
	B	-6.700	0.2110E-03	0.5619E-06	0.2403E-04
68	A	-6.700	0.2110E-03	0.5619E-06	0.2110E-02
	B	-6.800	0.2711E-19	0.1355E-19	0.2110E-02

FORZE NEGLI ANCORAGGI ATTIVI (PER UNITA' DI PROFONDITA')

TIRANTE chiodo_1 1 PARETE LeftWall QUOTA -2.5000
FASE 1 inattivo
FASE 2 inattivo
FASE 3 FORZA 0.26956E-07 kN/m
FASE 4 FORZA 0.91644 kN/m
FASE 5 FORZA 0.91644 kN/m

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO UHLeft*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.4413E-11	25.00	0.	0.
2	-0.1000	2.700	26.35	0.	0.
3	-0.2000	5.400	27.70	0.	0.
4	-0.3000	8.100	29.05	0.	0.
5	-0.4000	10.80	30.40	0.	0.
6	-0.5000	13.50	31.75	0.	0.
7	-0.6000	16.20	33.10	0.	0.
8	-0.7000	18.90	34.45	0.	0.
9	-0.8000	21.60	35.80	0.	0.
10	-0.9000	24.30	37.15	0.	0.
11	-1.000	27.00	38.50	0.	0.
12	-1.100	29.70	39.85	0.	0.
13	-1.200	32.40	41.20	0.	0.
14	-1.300	35.10	42.55	0.	0.
15	-1.400	37.80	43.90	0.	0.
16	-1.500	40.50	45.25	0.	0.
17	-1.600	43.20	46.60	0.	0.
18	-1.700	45.90	47.95	0.	0.
19	-1.800	48.60	49.30	0.	0.
20	-1.900	51.30	50.65	0.	0.
21	-2.000	54.00	52.00	0.	0.
22	-2.100	56.70	53.35	0.	0.
23	-2.200	59.40	54.70	0.	0.
24	-2.300	62.10	56.05	0.	0.
25	-2.400	64.80	57.40	0.	0.
26	-2.500	67.50	58.75	0.	0.
27	-2.600	70.20	60.10	0.	0.
28	-2.700	72.90	61.45	0.	0.
29	-2.800	75.60	62.80	0.	0.
30	-2.900	78.30	64.15	0.	0.
31	-3.000	81.00	65.50	0.	0.
32	-3.100	83.70	66.85	0.	0.
33	-3.200	86.40	68.20	0.	0.
34	-3.300	89.10	69.55	0.	0.
35	-3.400	92.80	70.90	0.	0.

History 0 - Paratia 3 Sez_A H = 4.7 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	96.47	72.25	0.	0.
37	-3.600	99.37	73.60	0.	0.
38	-3.700	101.8	74.95	0.	0.
39	-3.800	104.1	76.30	0.	0.
40	-3.900	106.4	77.65	0.	0.
41	-4.000	108.6	79.00	0.	0.
42	-4.100	111.0	80.35	0.	0.
43	-4.200	113.5	81.70	0.	0.
44	-4.300	116.1	83.05	0.	0.
45	-4.400	118.8	76.08	0.	0.
46	-4.500	121.5	67.29	0.	0.
47	-4.600	124.2	57.36	0.	0.
48	-4.700	126.9	47.23	0.	0.
49	-4.800	129.6	38.44	0.	0.
50	-4.900	132.3	31.76	0.	0.
51	-5.000	135.0	27.27	0.	0.
52	-5.100	138.2	25.01	0.	0.
53	-5.200	142.6	25.00	0.	0.
54	-5.300	145.9	25.00	0.	0.
55	-5.400	148.4	25.00	0.	0.
56	-5.500	150.6	25.00	0.	0.
57	-5.600	152.7	25.00	0.	0.
58	-5.700	154.8	25.00	0.	0.
59	-5.800	157.1	25.00	0.	0.
60	-5.900	159.5	25.00	0.	0.
61	-6.000	162.0	25.00	0.	0.
62	-6.100	164.7	25.06	0.	0.
63	-6.200	167.4	25.09	0.	0.
64	-6.300	170.1	25.09	0.	0.
65	-6.400	172.8	25.07	0.	0.
66	-6.500	175.5	25.05	0.	0.
67	-6.600	178.2	25.03	0.	0.
68	-6.700	180.9	25.01	0.	0.
69	-6.800	183.6	25.00	0.	0.

INVILUPPO RISULTATI NEGLI ELEMENTI TERRENO
* PARETE LeftWall GRUPPO DHLeft*
STEP 1 - 5
* I PASSI NON EQUILIBRATI SONO ESCLUSI *

Nella tabella si stampano i seguenti risultati:
SIGMA-H = massimo sforzo orizzontale efficace [kPa]
TAGLIO = massimo sforzo di taglio [kPa]
PR. ACQUA =massima pressione interstiziale [kPa]
GRAD. MAX =massimo gradiente idraulico

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
1	0.	0.	0.	0.	0.
2	-0.1000	2.700	0.	0.	0.
3	-0.2000	5.400	0.	0.	0.
4	-0.3000	8.100	0.	0.	0.
5	-0.4000	10.80	0.	0.	0.
6	-0.5000	13.50	0.	0.	0.
7	-0.6000	16.20	0.	0.	0.
8	-0.7000	18.90	0.	0.	0.
9	-0.8000	21.60	0.	0.	0.
10	-0.9000	24.30	0.	0.	0.
11	-1.000	27.00	0.	0.	0.
12	-1.100	29.70	0.	0.	0.
13	-1.200	32.40	0.	0.	0.
14	-1.300	35.10	0.	0.	0.
15	-1.400	37.80	0.	0.	0.
16	-1.500	40.50	0.	0.	0.
17	-1.600	43.20	0.	0.	0.
18	-1.700	45.90	0.	0.	0.
19	-1.800	48.60	0.	0.	0.
20	-1.900	51.30	0.	0.	0.
21	-2.000	54.00	0.	0.	0.
22	-2.100	56.70	0.	0.	0.
23	-2.200	59.40	0.	0.	0.
24	-2.300	62.10	0.	0.	0.
25	-2.400	64.80	0.	0.	0.
26	-2.500	67.50	0.	0.	0.
27	-2.600	70.20	0.	0.	0.
28	-2.700	72.90	0.	0.	0.
29	-2.800	75.60	0.	0.	0.
30	-2.900	78.30	0.	0.	0.
31	-3.000	89.90	44.95	0.	0.
32	-3.100	88.54	42.92	0.	0.
33	-3.200	88.39	41.49	0.	0.
34	-3.300	89.30	40.60	0.	0.
35	-3.400	91.80	40.12	0.	0.

History 0 - Paratia 3 Sez_A H = 4.7 m 1 chiodo

SOIL EL.	QUOTA	SIGMA-H	TAGLIO	PR. ACQUA	GRAD. MAX
36	-3.500	94.50	39.80	0.	0.
37	-3.600	97.20	39.73	0.	0.
38	-3.700	99.90	39.81	0.	0.
39	-3.800	102.6	39.96	0.	0.
40	-3.900	105.3	40.12	0.	0.
41	-4.000	108.0	40.26	0.	0.
42	-4.100	110.7	40.37	0.	0.
43	-4.200	113.4	40.45	0.	0.
44	-4.300	116.1	40.49	0.	0.
45	-4.400	118.8	40.51	0.	0.
46	-4.500	121.5	40.52	0.	0.
47	-4.600	124.2	40.52	0.	0.
48	-4.700	149.6	74.80	0.	0.
49	-4.800	143.1	70.21	0.	0.
50	-4.900	138.9	66.77	0.	0.
51	-5.000	137.1	64.48	0.	0.
52	-5.100	137.7	63.14	0.	0.
53	-5.200	140.4	62.15	0.	0.
54	-5.300	143.1	61.85	0.	0.
55	-5.400	145.8	61.96	0.	0.
56	-5.500	148.5	62.26	0.	0.
57	-5.600	151.2	62.60	0.	0.
58	-5.700	153.9	62.91	0.	0.
59	-5.800	156.6	63.16	0.	0.
60	-5.900	159.3	63.33	0.	0.
61	-6.000	162.0	63.44	0.	0.
62	-6.100	164.8	63.48	0.	0.
63	-6.200	167.5	63.49	0.	0.
64	-6.300	170.2	63.49	0.	0.
65	-6.400	172.9	63.49	0.	0.
66	-6.500	175.6	63.48	0.	0.
67	-6.600	178.2	63.46	0.	0.
68	-6.700	180.9	63.45	0.	0.
69	-6.800	183.6	63.44	0.	0.

RIASSUNTO SPINTE NEGLI ELEMENTI TERRENO
(LE SPINTE SONO CALCOLATE INTEGRANDO GLI SFORZI NEI SINGOLI ELEMENTI MOLLA)

SPINTA EFFICACE VERA = Integrale delle pressioni orizzontali efficaci in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA ACQUA = Integrale delle pressioni interstiziali in tutti gli elementi nel gruppo: unita' di misura kN/m
SPINTA TOTALE VERA = Somma della SPINTA EFFICACE e della SPINTA DELL'ACQUA: e' l' azione totale sulla parete: unita' di misura kN/m
SPINTA ATTIVA POSSIBILE = La minima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
SPINTA PASSIVA POSSIBILE = La massima spinta che puo' essere esercitata da questo gruppo di elementi terreno, in questa fase: unita' di misura kN/m
RAPPORTO PASSIVA/VERA = e' il rapporto tra la massima spinta possibile e la spinta efficace vera: fornisce un'indicazione su quanta spinta passiva venga mobilitata;
SPINTA PASSIVA MOBILITATA = e' l'inverso del rapporto precedente, espresso in unita' percentuale: indica quanta parte della massima spinta possibile e' stata mobilitata;
RAPPORTO VERA/ATTIVA = e' il rapporto tra la spinta efficace vera e la minima spinta possibile: fornisce un'indicazione di quanto questa porzione di terreno sia prossima alla condizione di massimo rilascio.

FASE 1 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	624.24	624.24
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	624.24	624.24
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	8973.9	8973.9
RAPPORTO PASSIVA/VERA	14.376	14.376
SPINTA PASSIVA MOBILITATA	7.%	7.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

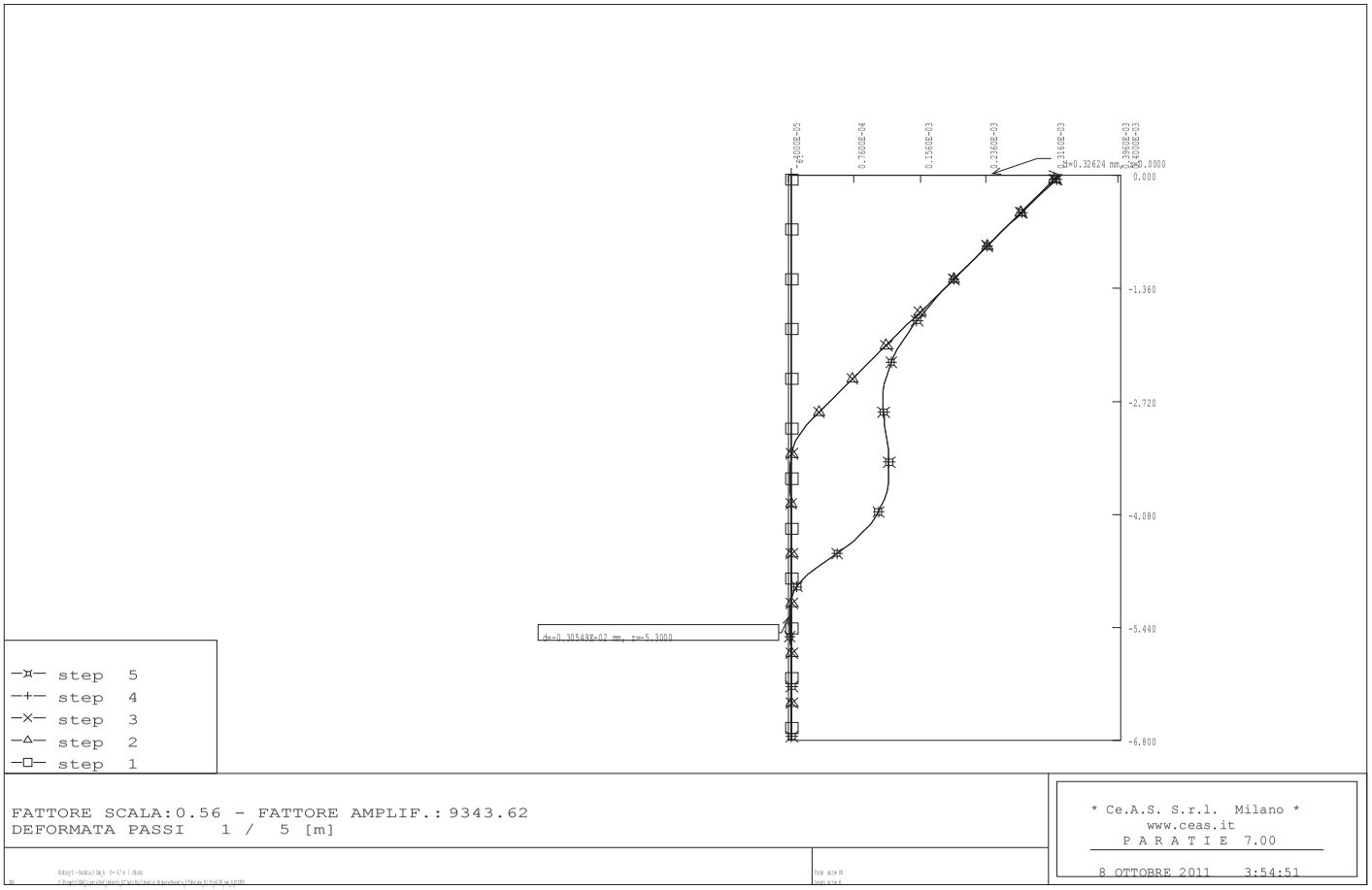
FASE 2 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	507.62	507.62
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	507.62	507.62
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	12073.	3636.4
RAPPORTO PASSIVA/VERA	23.783	7.1635
SPINTA PASSIVA MOBILITATA	4.%	14.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 3 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	507.62	507.62
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	507.62	507.62
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	11453.	3636.4
RAPPORTO PASSIVA/VERA	22.562	7.1635
SPINTA PASSIVA MOBILITATA	4.%	14.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 4 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	336.22	335.36
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	336.22	335.36
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	12073.	1581.1
RAPPORTO PASSIVA/VERA	35.907	4.7147
SPINTA PASSIVA MOBILITATA	3.%	21.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

FASE 5 GRUPPO -->	UHLe	DHLe
SPINTA EFFICACE VERA	336.22	335.36
SPINTA ACQUA	0.	0.
SPINTA TOTALE VERA	336.22	335.36
SPINTA ATTIVA (POSSIBILE)	0.	0.
SPINTA PASSIVA (POSSIBILE)	12073.	1581.1
RAPPORTO PASSIVA/VERA	35.907	4.7147
SPINTA PASSIVA MOBILITATA	3.%	21.%
RAPPORTO VERA/ATTIVA	0.10000E+06	0.10000E+06

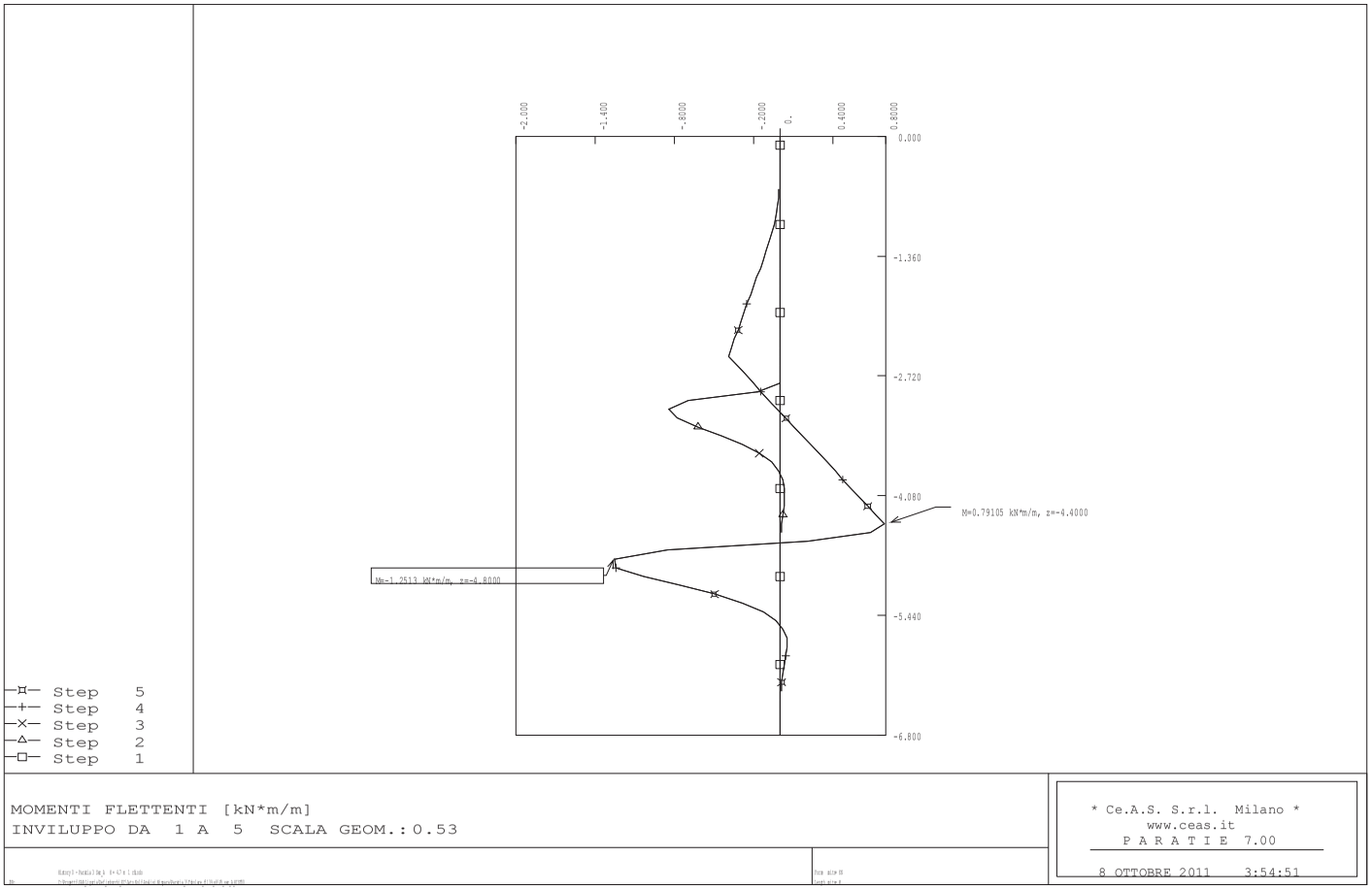
OUTPUT PLOTS:



FATTORE SCALA: 0.56 - FATTORE AMPLIF.: 9343.62
DEFORMATA PASSI 1 / 5 [m]

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

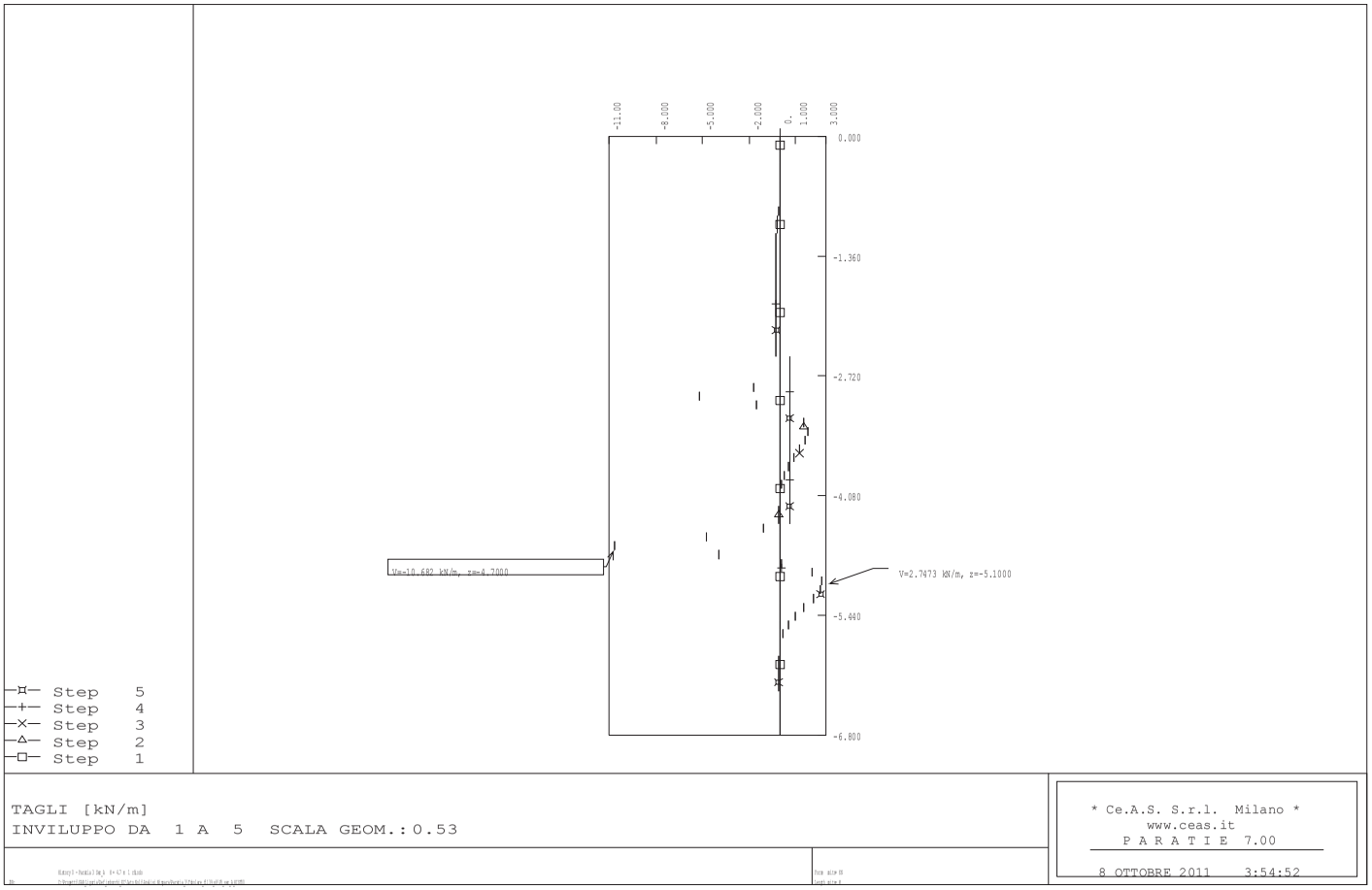
8 OTTOBRE 2011 3:54:51



MOMENTI FLETTENTI [kN*m/m]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.53

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

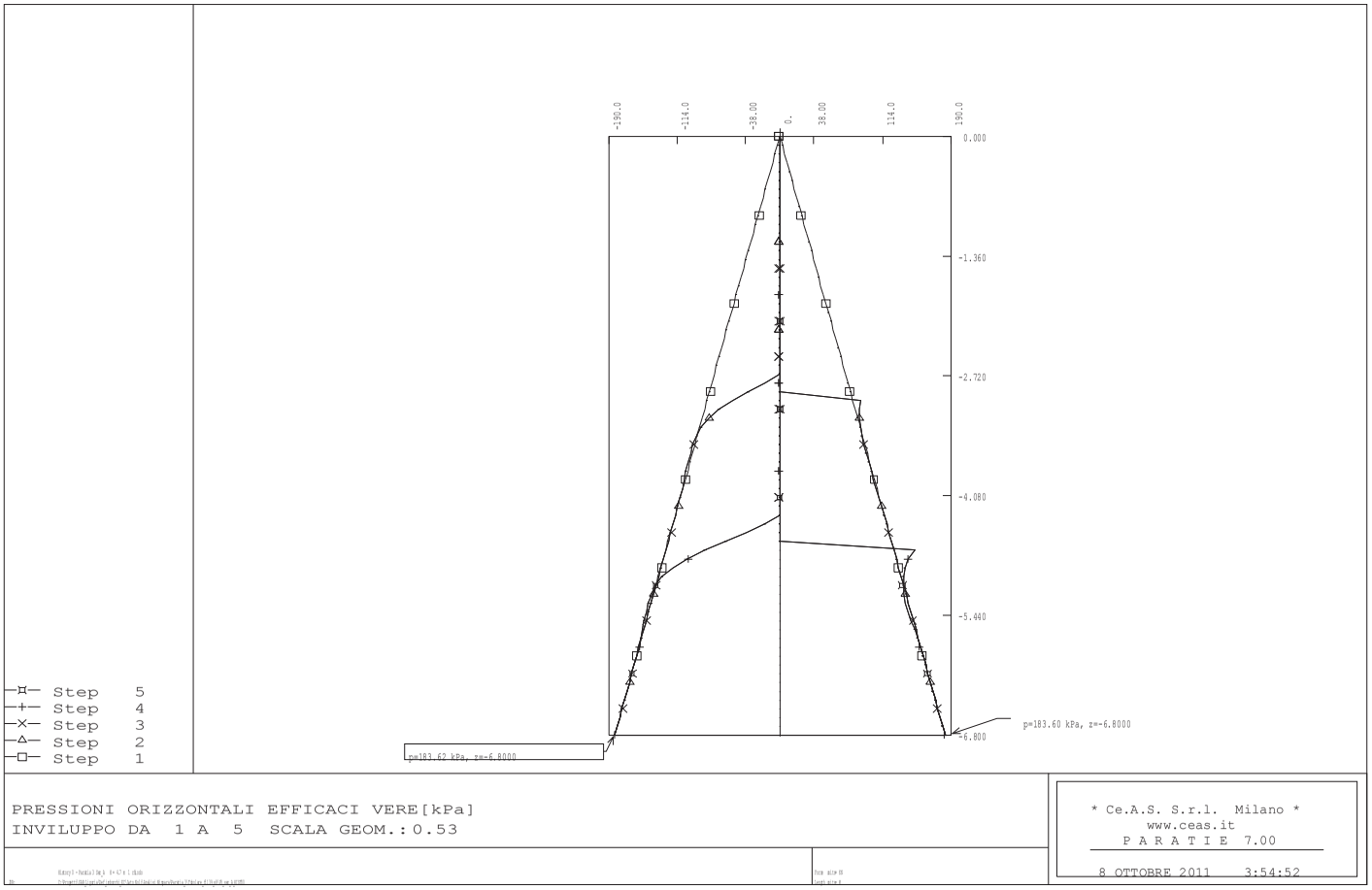
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TAGLI [kN/m]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.53

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

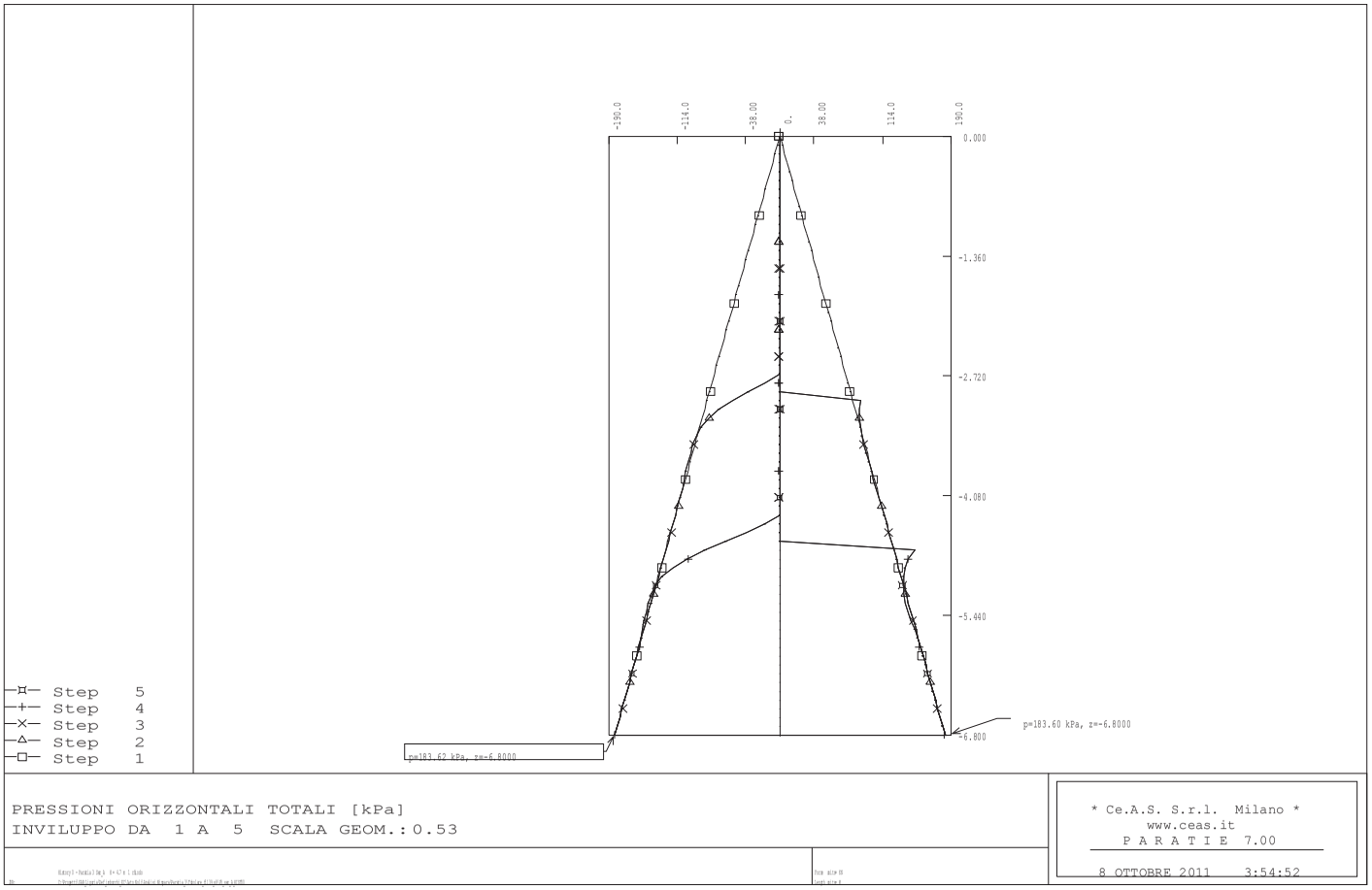
8 OTTOBRE 2011 3:54:52



PRESSIONI ORIZZONTALI EFFICACI VERE[kPa]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.53

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:54:52



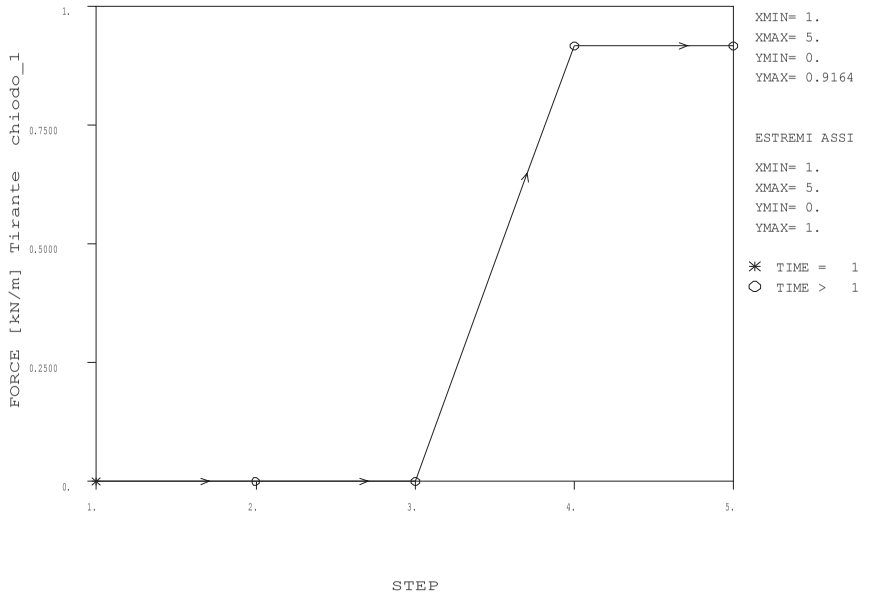
PRESSIONI ORIZZONTALI TOTALI [kPa]
INVILUPPO DA 1 A 5 SCALA GEOM.: 0.53

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:54:52

Tirante chiodo_1

STEP	FORCE [kN/m]
1.	0.
2.	0.
3.	0.2696E-07
4.	0.9164
5.	0.9164



DAL PASSO 1 AL PASSO 5

DIAGRAMMA VARIABILE X / VARIABILE Y

* Ce.A.S. S.r.l. Milano *
www.ceas.it
P A R A T I E 7.00

8 OTTOBRE 2011 3:54:52

Appendice R

Asse longitudinale:
figure relative alle analisi di stabilità globale

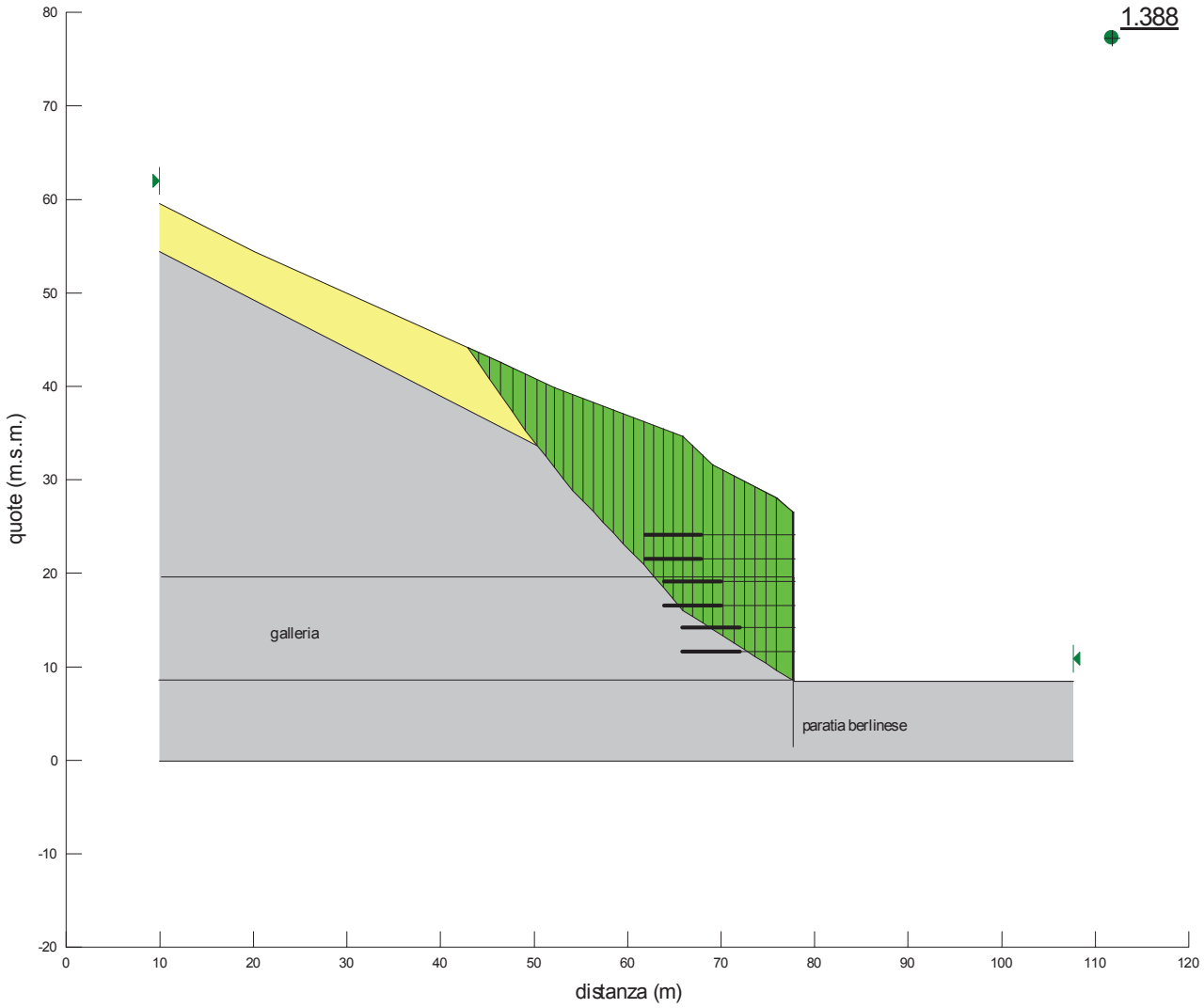


Figura R.1 – Asse Lato Noli: fase costruttiva - (k_h = 0.04, k_v = 0.02 - s.s n.10)

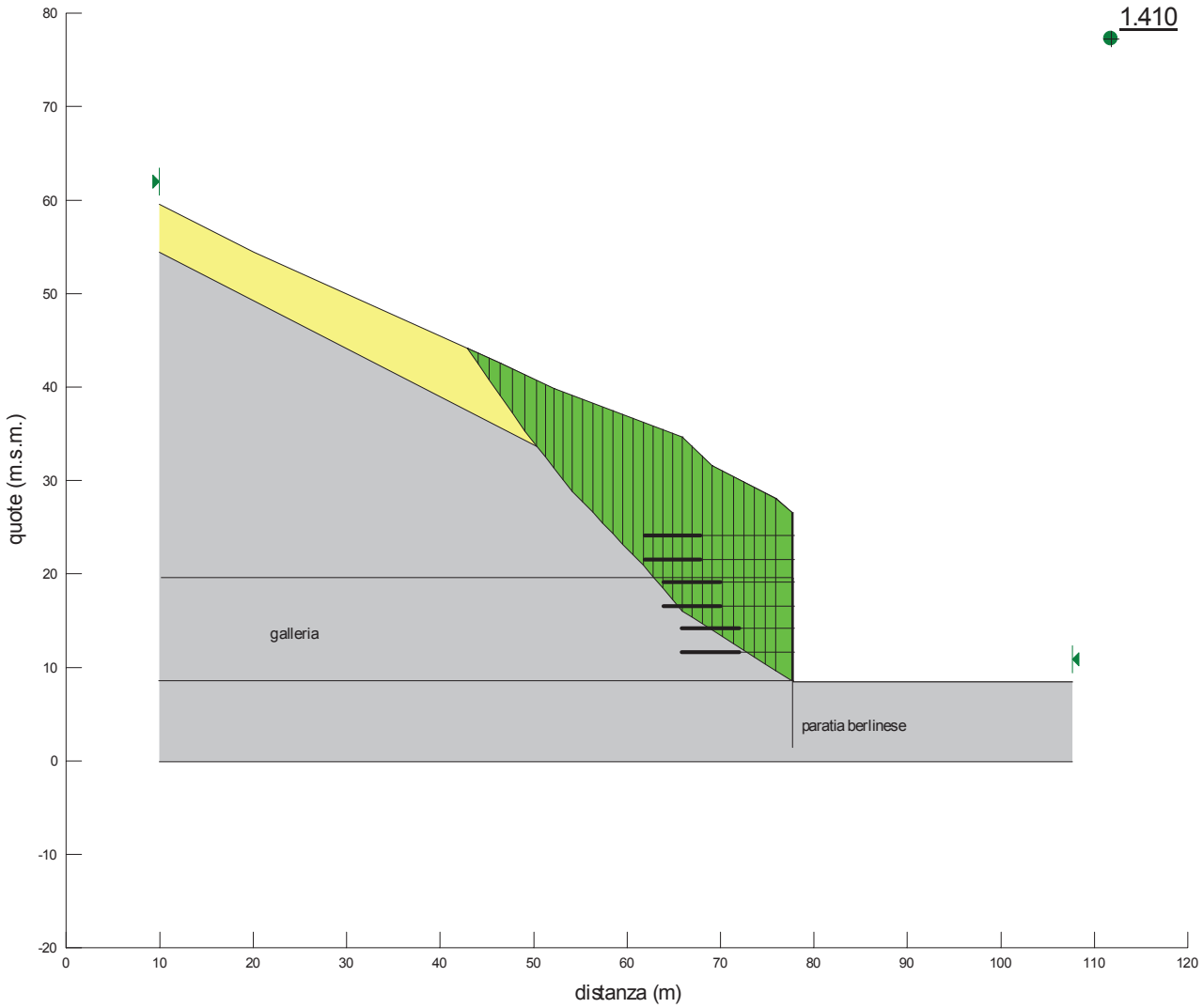


Figura R.2 - Asse Lato Noli: fase costruttiva - (k_h = 0.04, k_v = - 0.02 - s.s n.10)

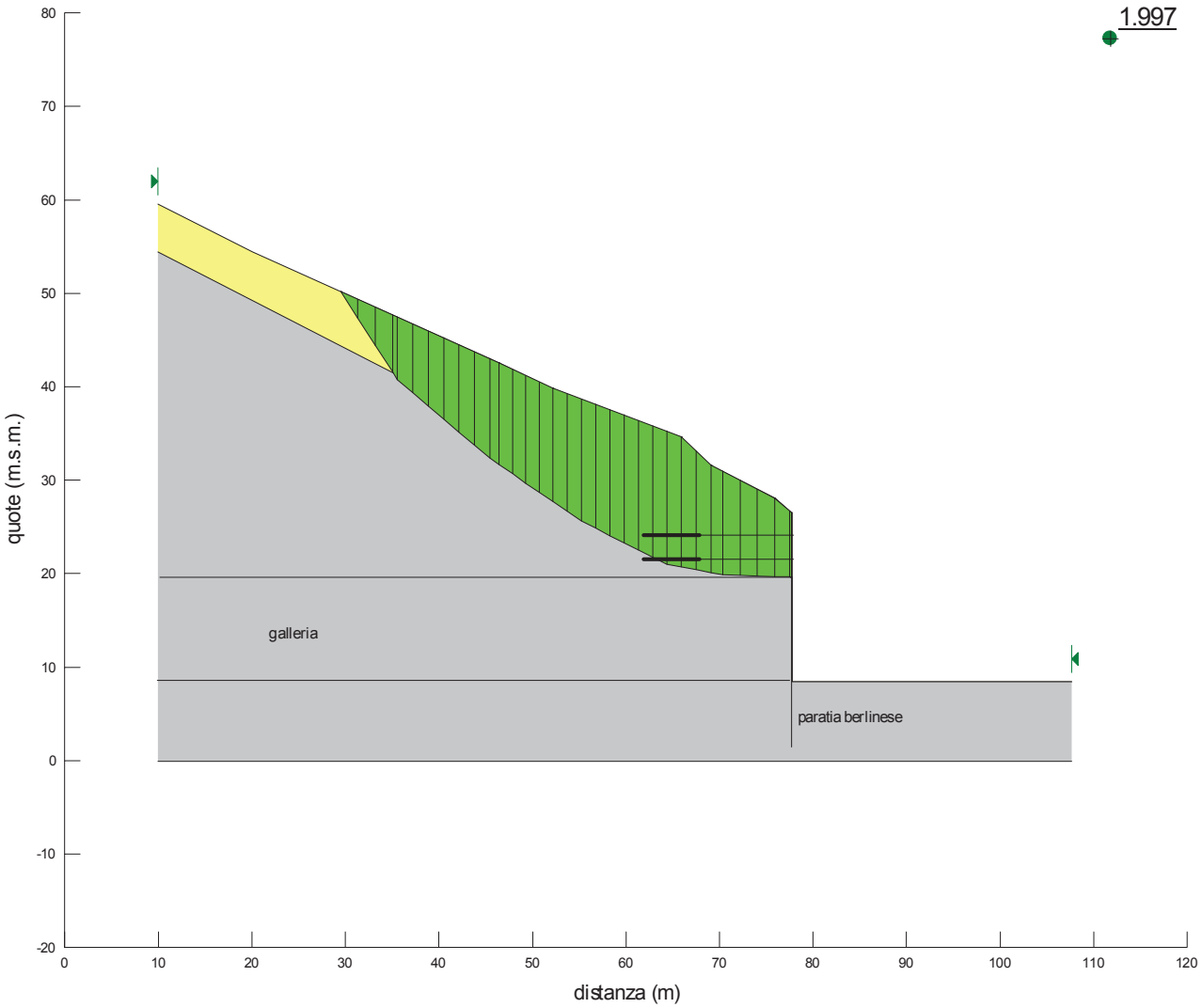


Figura R.3. - Asse Lato Noli: fase di esercizio - sezione in asse alla galleria - (k_h = 0.114, k_v = 0.057- s.s n.3 passante al disopra della galleria)

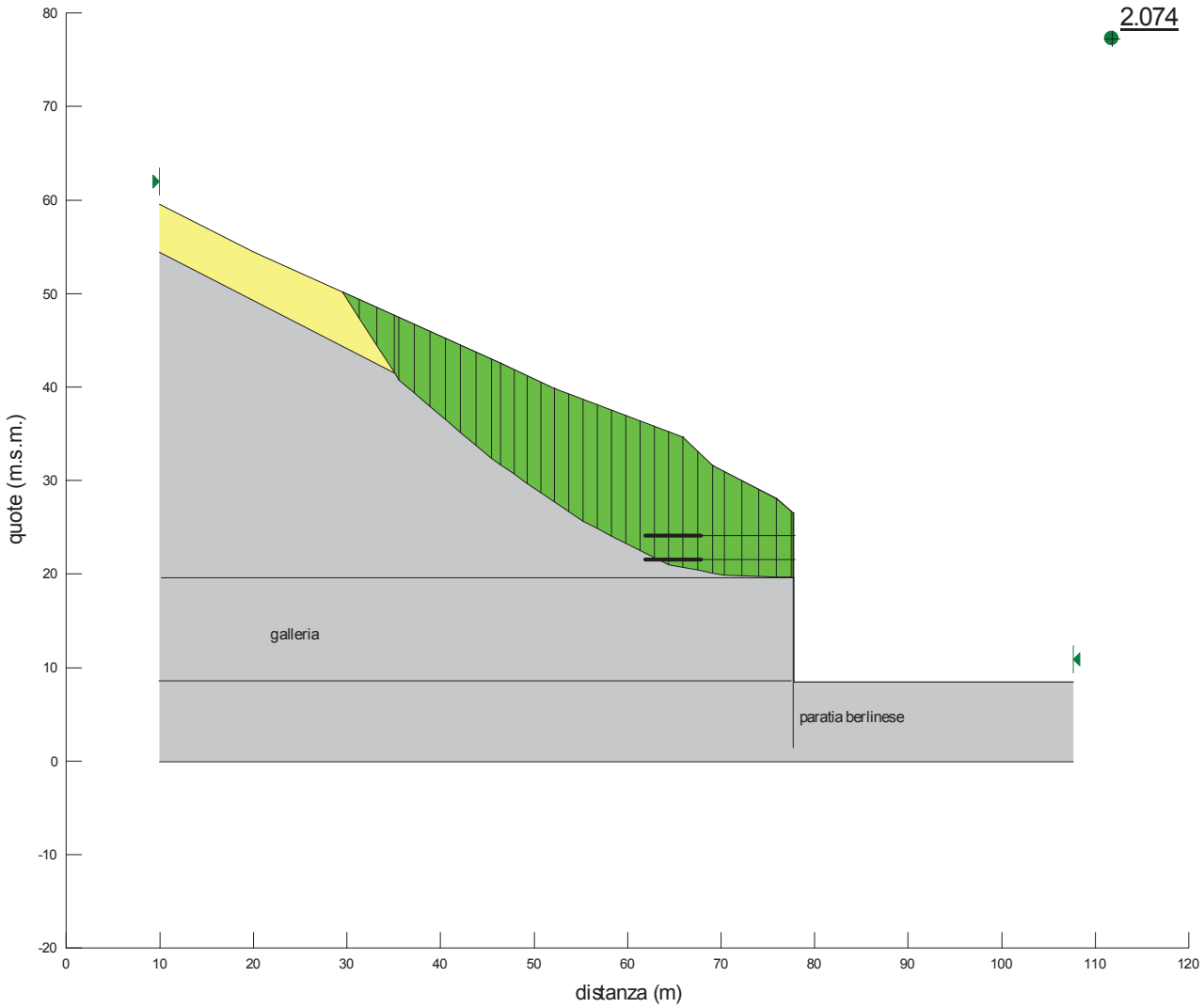


Figura R.4. - Asse Lato Noli: fase di esercizio - sezione in asse alla galleria - (k_h = 0.114, k_v = - 0.057- s.s n.3 passante al disopra della galleria)

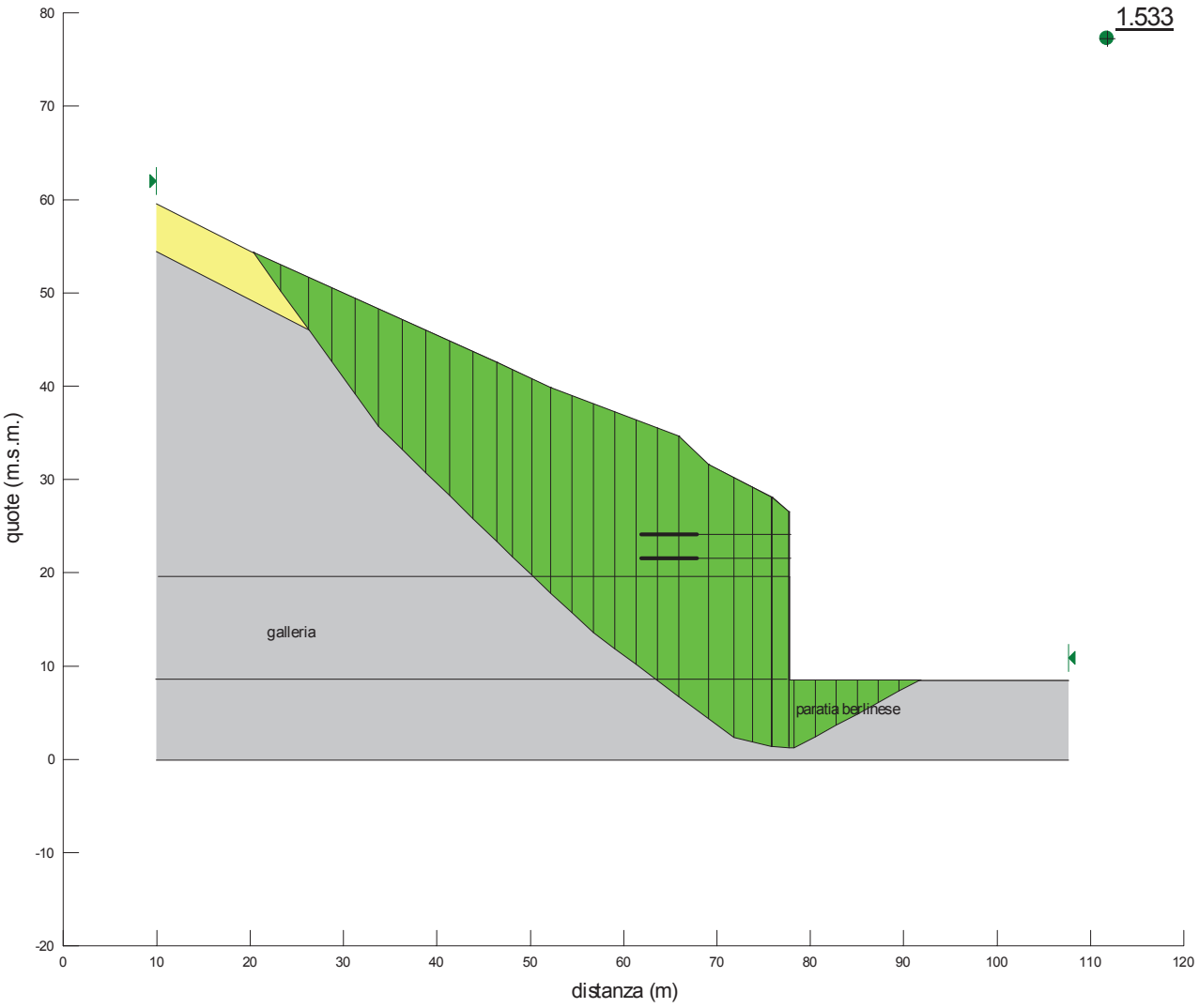


Figura R.5. - Asse Lato Noli: fase di esercizio - sezione in asse alla galleria - (k_h = 0.114, k_v = 0.057- s.s n.1 profonda)

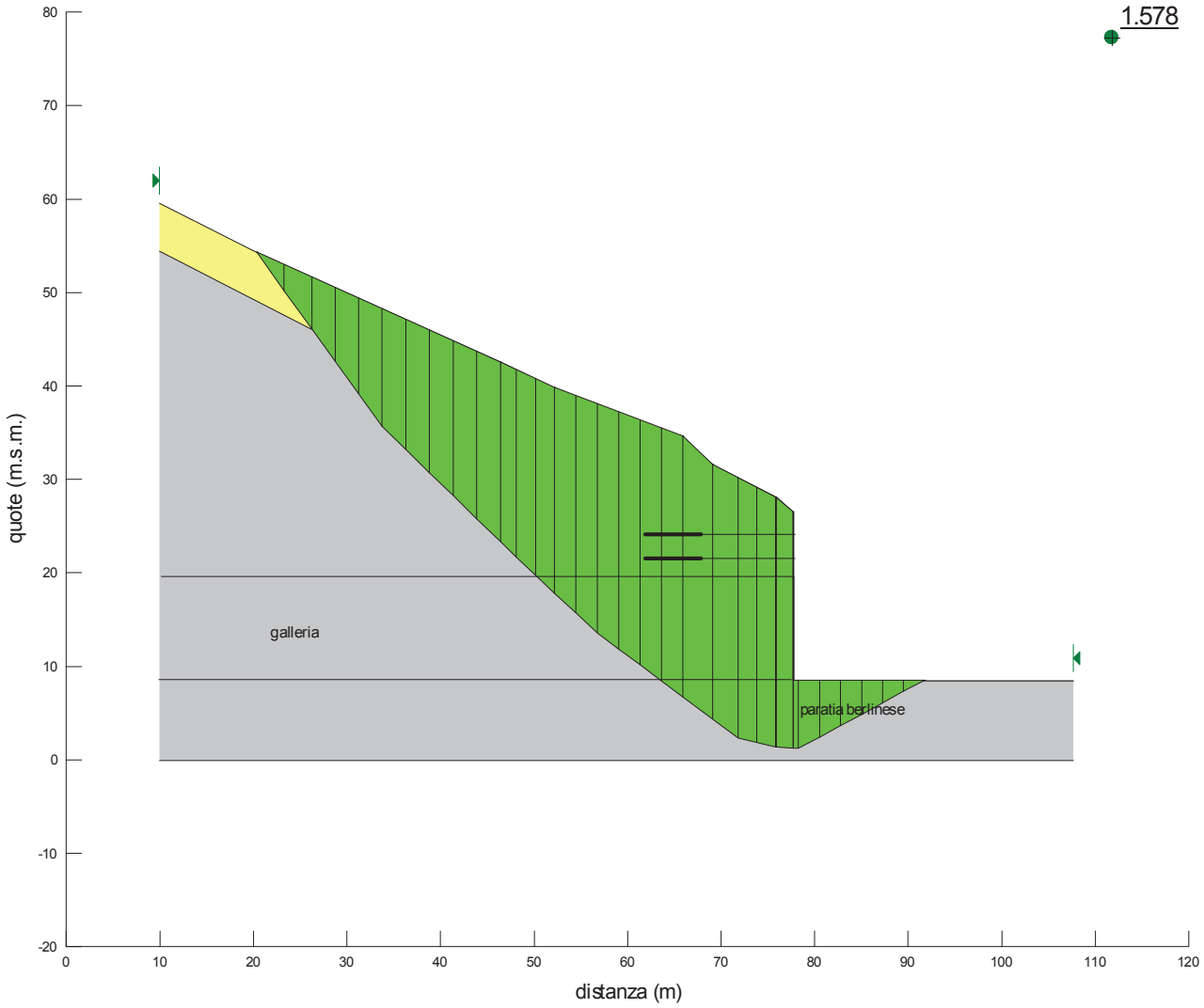


Figura R.6. - Asse Lato Noli: fase di esercizio - sezione in asse alla galleria - (k_h = 0.114, k_v = - 0.057- s.s n.1 profonda)

Appendice S

P1 – Sezione L:
figure relative alle analisi di stabilità globale

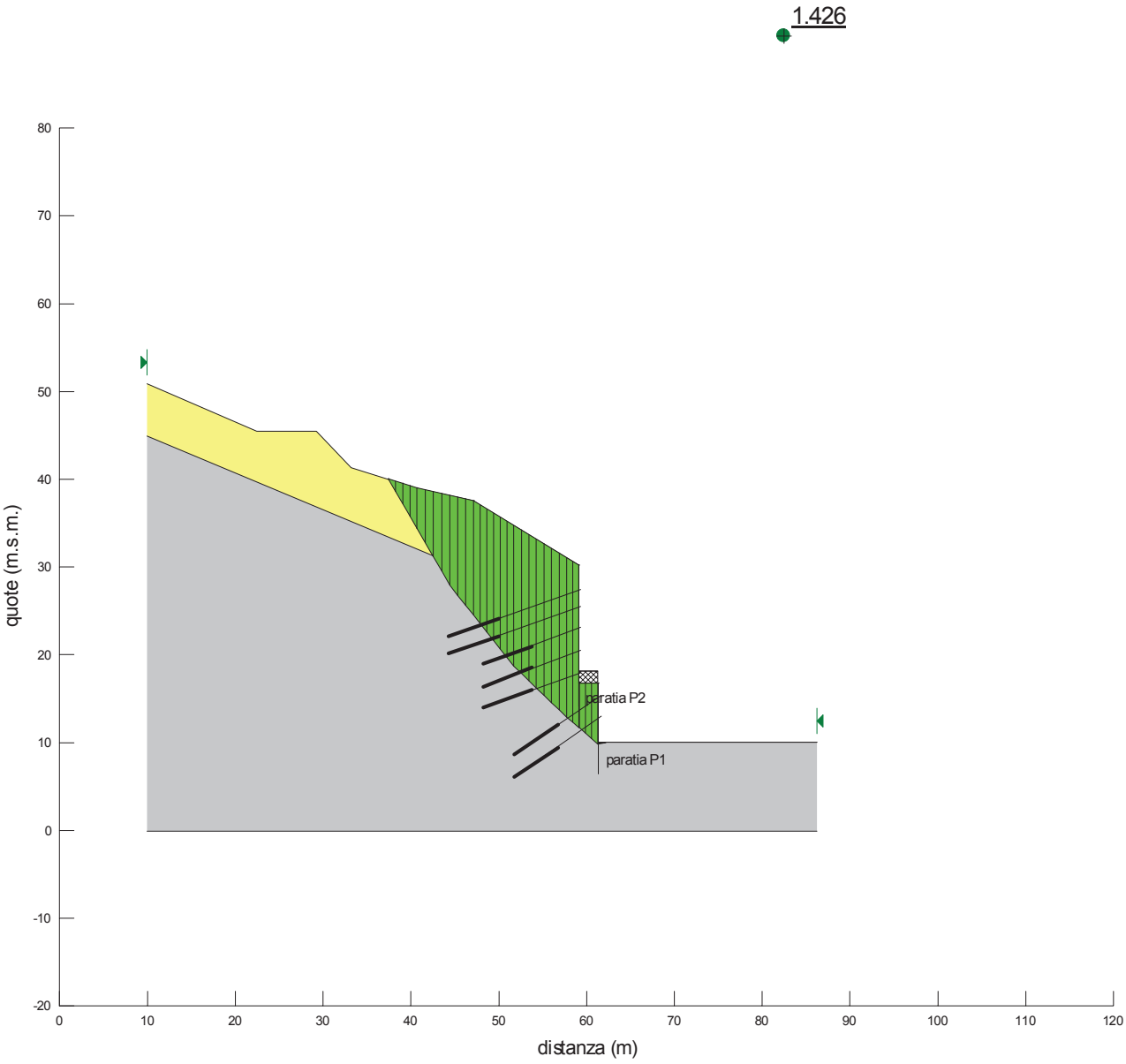


Figura S.1 – Sezione P1-L: fase costruttiva - (k_h = 0.04, k_v = 0.02 - s.s n.4)

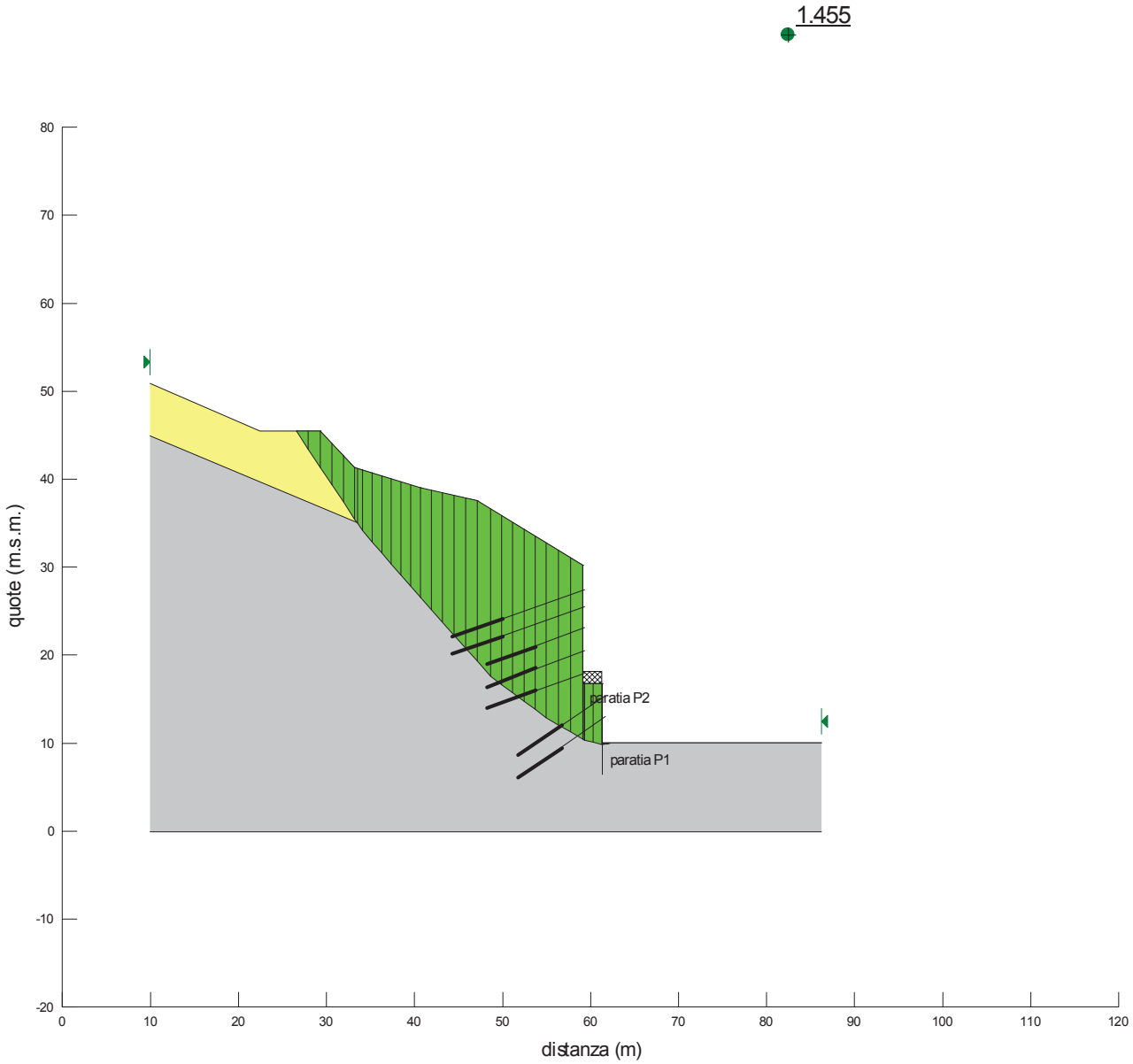


Figura S.2 – Sezione P1-L: fase costruttiva - (k_h = 0.04, k_v = -0.02 - s.s n.9)

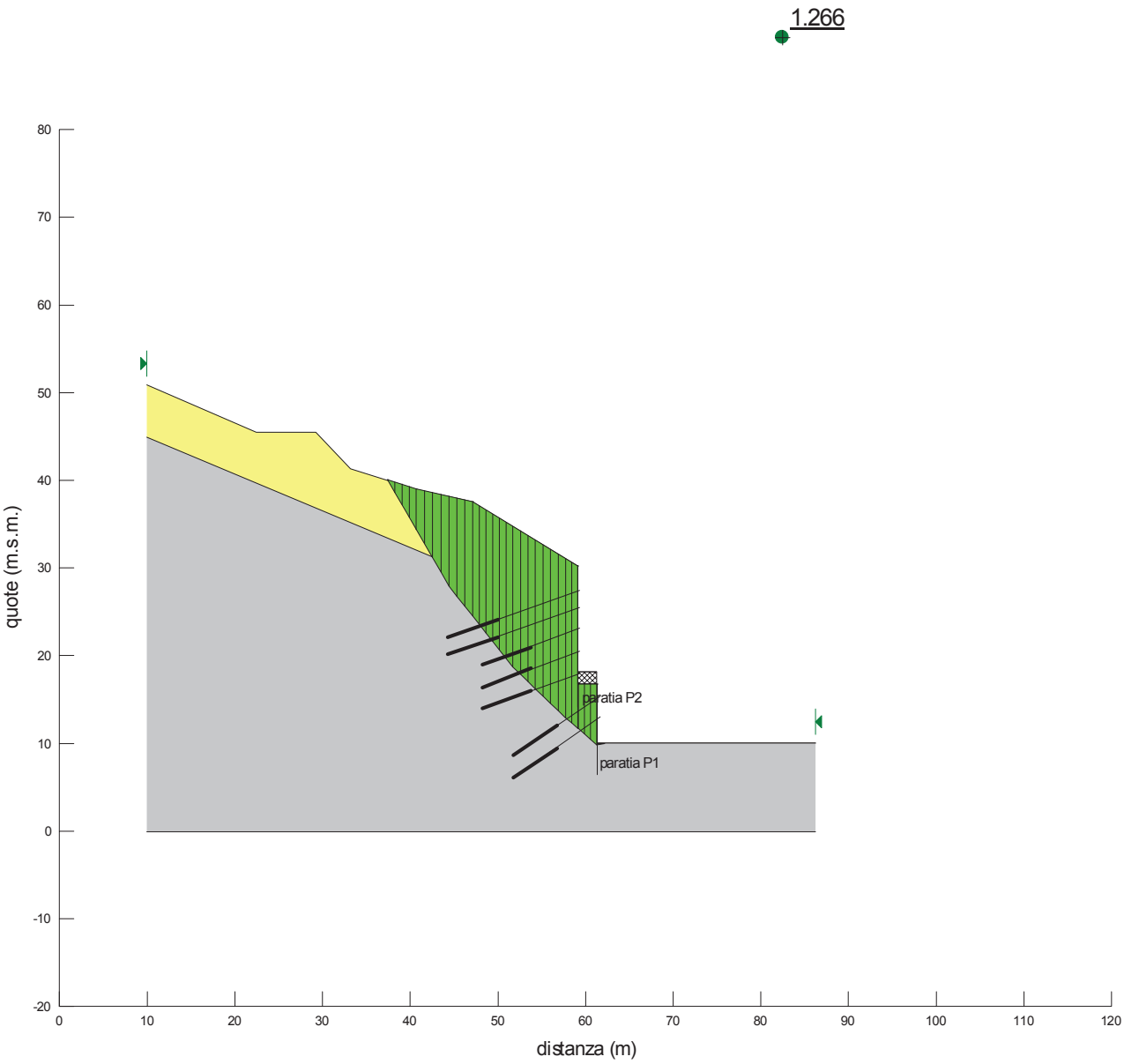


Figura S.3 – Sezione P1-L: fase di esercizio - (k_h = 0.114, k_v = 0.057 - s.s n.4)

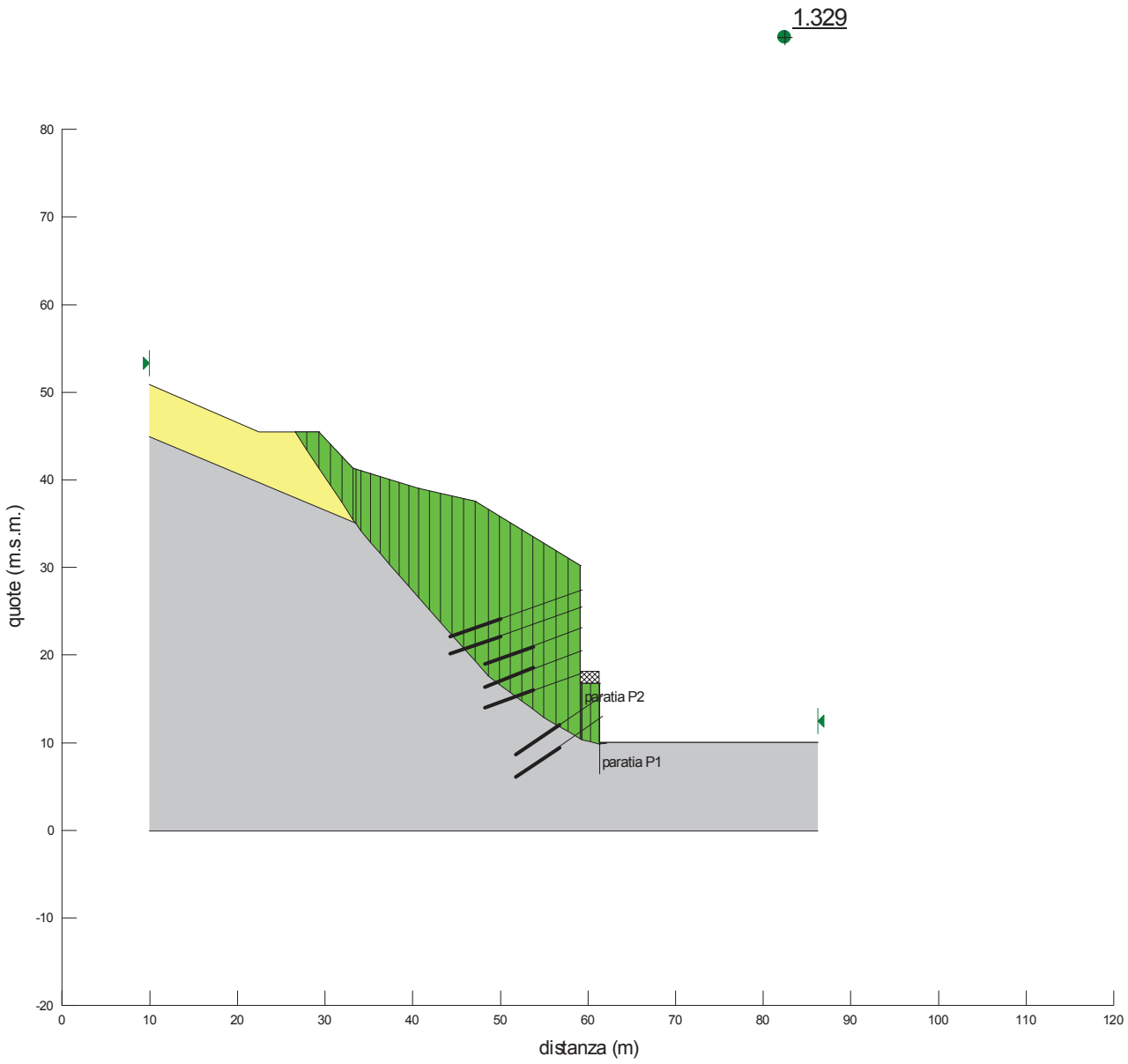


Figura S.4 – Sezione P1-L: fase di esercizio - (k_h = 0.114, k_v = - 0.057 - s.s n.9)