Progetto Trave PREM nativa nella modellazione

- Formato Assoprem per l'interfaccia con il post-processor proprietario -

Versione per NTC 2008

- Formato del file generale.prm:

```
/revisione
201001                          (AAAANN)
/modello
nome                            (max 64 caratteri alfanumerici)
/data
20100910 1448                   (AAAAMMGG HHmm)
/normativa
1                               (1=NTC 2008)
/um
1                               (1=daN,cm)
/metodo
1                               (1=SL, 2=TA)
/approccio
1                               (1,2)
/vita
50                              (num. intero positivo)
/uso
1                               (1=I, 2=II, 3=III, 4=IV)
/sezioni
11                              (num. intero ≥ 3)
/duttilita                      (non accentata)
2                               (2=B)
/nomifilestravate
00400001.prm                    (xxxxxyyy.prm)
00400002.prm
00400003.prm
00800001.prm
..
..
..
/eof                            (fine del file)
```

- Formato del file xxxxxyyy.prm:

```
/nometravata
xxxxxyyy                              (xxxxx = quota e yyy = num. travata)
/numnodi
100  912                              (numeri interi)
/gerarchia
1                                     (0=no, 1=si)
```

INIZIO CICLO DATI PER OGNI TRAVE DELLA TRAVATA

```
/nometrave
101                                   (max 20 caratteri alfanumerici)
/categoria
1                                     [1 = a), 2 = b), 3 = c)]
/fondello
1                                     (0 = senza, 1= acciaio, 2= c.a)
/esposizione
XC1                                   (3 caratteri alfanumerici)
/calcestruzzo
300.0 300.0                           (numeri reali> 0)
/acciaio
1                                     (1 = B450C)
/dimensioni
750.0 40.0 160.0                      (numeri reali > 0)
/ridistribuzioni
0.70 1.0                              (numeri reali ≥ 0.70)
/geometria
60.0 80.0 75.0 5.0 75.0 5.0 0.0 0.0 0.0 0.0     (numeri reali> 0)
/inerzia
3000000.0   1000000.0                 (numeri reali> 0)
/carichiconcentratiprimafase
450.0 1000.0
550.0 -500.0                          (numeri reali)
/carichidistribuitiprimafase
0.0 1000.0 750.0 1000.0
450.0 1015.0 700.0 850.0              (numeri reali)
/mrdtrave
145000 -245000 39000 -43000           (numeri reali)
/mrdpilastri
345000 -245000 319000 -143000         (numeri reali)
/vsdgravtrave
34500 -24500 31900 -14000             (numeri reali)
/ascissesezioni
#
# NS          cm
#
   1        0.00
   S       20.00          (sezione a filo appoggio sinistro)
   2       75.00
   3      150.00
   4      225.00
   5      300.00
   6      375.00
   7      450.00
   8      525.00
   9      600.00
   D      670.00          (sezione a filo appoggio destro)
  10      675.00
  11      750.00
```

N.B. : DA QUESTO PUNTO SEGUONO DUE BLOCCHI ALTERNATIVI PER SL E TA.

```
/SLUini
#
# NS          N          V2          V3          MT          M2          M3 CMB   GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismNmax
#
# NS       Nmax          V2          V3          MT          M2          M3 CMB   GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismNmin
#
# NS       Nmin          V2          V3          MT          M2          M3 CMB   GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismV2max
#
# NS          N       V2max          V3          MT          M2          M3 CMB   GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismV2min
#
# NS          N       V2min          V3          MT          M2          M3 CMB   GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismV3max
```

```
#
# NS          N          V2      V3max          MT          M2          M3 CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismV3min
#
# NS          N          V2      V3min          MT          M2          M3 CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismMTmax
#
# NS          N          V2          V3      MTmax          M2          M3 CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismMTmin
#
# NS          N          V2          V3      MTmin          M2          M3 CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismM2max
#
# NS          N          V2          V3          MT       M2max          M3 CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismM2min
#
# NS          N          V2          V3          MT       M2min          M3 CMB  GAM
#
```

```
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismM3max
#
# NS          N          V2          V3          MT          M2       M3max CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
 (numeri reali)
/SLUnosismM3min
#
# NS          N          V2          V3          MT          M2       M3min CMB  GAM
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1 1.00
/SLUsismNmax
..          (il formato dei dati seguenti é uguale, si modifica solo il nome
            della chiave)
..
/SLUsismNmin
..
..
/SLUsismV2max
..
..
/SLUsismV2min
..
..
/SLUsismV3max
..
..
/SLUsismV3min
..
..
/SLUsismMTmax
..
..
/SLUsismMTmin
..
..
/SLUsismM2max
..
..
/SLUsismM2min
..
..
/SLUsismM3max
```

..
..
/SLUsismM3min
..
..
/SLUfuocoNmax
..
..
/SLUfuocoNmin
..
..
/SLUfuocoV2max
..
..
/SLUfuocoV2min
..
..
/SLUfuocoV3max
..
..
/SLUfuocoV3min
..
..
/SLUfuocoMTmax
..
..
/SLUfuocoMTmin
..
..
/SLUfuocoM2max
..
..
/SLUfuocoM2min
..
..
/SLUfuocoM3max
..
..
/SLUfuocoM3min
..
..
/SLUeccezNmax
..
..
/SLUeccezNmin
..
..
/SLUeccezV2max
..
..
/SLUeccezV2min
..
..
/SLUeccezV3max
..
..
/SLUeccezV3min
..
..
/SLUeccezMTmax
..
..
/SLUeccezMTmin

```
..
..
/SLUeccezM2max
..
..
/SLUeccezM2min
..
..
/SLUeccezM3max
..
..
/SLUeccezM3min
..
..
/SLDNmax
..
..
/SLDNmin
..
..
/SLDV2max
..
..
/SLDV2min
..
..
/SLDV3max
..
..
/SLDV3min
..
..
/SLDMTmax
..
..
/SLDMTmin
..
..
/SLDM2max
..
..
/SLDM2min
..
..
/SLDM3max
..
..
/SLDM3min
..
..
/SLEquasiperm
3                       (numero combinazioni quasi-permanenti)
#
# NS          N          M2          M3   CMB QP/QP    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04   16  1.00   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04   16  1.00   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04   16  1.00 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04   16  1.00  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04   16  1.00   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04   16  1.00   1.00
#
```

```
# NS          N         M2          M3   CMB QP/QP    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00 -10.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    17  1.00  -7.80
  10 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   1.00
#
# NS          N         M2          M3   CMB QP/QP    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    18  1.00  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   1.00
/SLEfrequenti
2                      (numero combinazioni frequenti)
#
# NS          N         M2          M3   CMB  QP/F    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    19  0.70   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    19  0.70   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    19  0.70 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    19  0.70  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04    19  0.70   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    19  0.70   1.00
#
# NS          N         M2          M3   CMB  QP/F    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    20  0.70   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    20  0.70   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    20  0.70 -10.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    20  0.70  -7.80
  10 -8.604e+04 -8.604e+04 -8.604e+04    20  0.70   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    20  0.70   1.00
/SLErare
3                      (numero combinazioni rare)
#
# NS          N         M2          M3   CMB  QP/R    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    22  0.40   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    22  0.40   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    22  0.40 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    22  0.40  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04    22  0.40   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    22  0.40   1.00
#
# NS          N         M2          M3   CMB  QP/R    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    23  0.40   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    23  0.40   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    23  0.40 -10.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    23  0.40  -7.80
  10 -8.604e+04 -8.604e+04 -8.604e+04    23  0.40   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    23  0.40   1.00
```

```
#
# NS          N         M2          M3   CMB   QP/R    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    24   0.40   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    24   0.40   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    24   0.40 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    24   0.40  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04    24   0.40   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    24   0.40   1.00
```

N.B. : DA QUESTO PUNTO SEGUE IL BLOCCO TA ALTERNATIVO AL BLOCCO SL.

```
/TAMini
#
# NS          N         V2          V3          MT          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismNmax
#
# NS       Nmax         V2          V3          MT          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismNmin
#
# NS       Nmin         V2          V3          MT          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismV2max
#
# NS          N      V2max          V3          MT          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismV2min
#
# NS          N      V2min          V3          MT          M2          M3 CMB
```

```
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismV3max
#
# NS           N          V2       V3max          MT          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismV3min
#
# NS           N          V2       V3min          MT          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismMTmax
#
# NS           N          V2          V3       MTmax          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismMTmin
#
# NS           N          V2          V3       MTmin          M2          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismM2max
#
# NS           N          V2          V3          MT       M2max          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
```

```
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismM2min
#
# NS          N          V2          V3          MT       M2min          M3 CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismM3max
#
# NS          N          V2          V3          MT          M2       M3max CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
 (numeri reali)
/TAMnosismM3min
#
# NS          N          V2          V3          MT          M2       M3min CMB
#
   1 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   S -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
   2 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  10 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
  11 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04 -8.604e+04   1
/TAMsismNmax
..          (il formato dei dati seguenti é uguale, si modifica solo il nome
            della chiave)
..
/TAMsismNmin
..
..
/TAMsismV2max
..
..
/TAMsismV2min
..
..
/TAMsismV3max
..
..
/TAMsismV3min
..
..
/TAMsismMTmax
..
..
```

/TAMsismMTmin
..
..
/TAMsismM2max
..
..
/TAMsismM2min
..
..
/TAMsismM3max
..
..
/TAMsismM3min
..
..
/SLUfuocoNmax
..
..
/SLUfuocoNmin
..
..
/SLUfuocoV2max
..
..
/SLUfuocoV2min
..
..
/SLUfuocoV3max
..
..
/SLUfuocoV3min
..
..
/SLUfuocoMTmax
..
..
/SLUfuocoMTmin
..
..
/SLUfuocoM2max
..
..
/SLUfuocoM2min
..
..
/SLUfuocoM3max
..
..
/SLUfuocoM3min
..
..
/SLUeccezNmax
..
..
/SLUeccezNmin
..
..
/SLUeccezV2max
..
..
/SLUeccezV2min
..
..

```
/SLUeccezV3max
..
..
/SLUeccezV3min
..
..
/SLUeccezMTmax
..
..
/SLUeccezMTmin
..
..
/SLUeccezM2max
..
..
/SLUeccezM2min
..
..
/SLUeccezM3max
..
..
/SLUeccezM3min
..
..
/SLEquasiperm
3                       (numero combinazioni quasi-permanenti)
#
# NS          N         M2          M3   CMB QP/QP    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    16  1.00   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    16  1.00   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    16  1.00 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    16  1.00  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04    16  1.00   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    16  1.00   1.00
#
# NS          N         M2          M3   CMB QP/QP    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00 -10.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    17  1.00  -7.80
  10 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    17  1.00   1.00
#
# NS          N         M2          M3   CMB QP/QP    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04    18  1.00  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04    18  1.00   1.00
/SLEfrequenti
2                       (numero combinazioni frequenti)
#
# NS          N         M2          M3   CMB  QP/F    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04    19  0.70   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04    19  0.70   0.01
```

```
   2 -8.604e+04 -8.604e+04 -8.604e+04   19  0.70 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04   19  0.70  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04   19  0.70   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04   19  0.70   1.00
#
# NS          N         M2          M3   CMB  QP/F    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04   20  0.70   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04   20  0.70   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04   20  0.70 -10.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04   20  0.70  -7.80
  10 -8.604e+04 -8.604e+04 -8.604e+04   20  0.70   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04   20  0.70   1.00
/SLErare
3                       (numero combinazioni rare)
#
# NS          N         M2          M3   CMB  QP/R    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04   22  0.40   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04   22  0.40   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04   22  0.40 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04   22  0.40  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04   22  0.40   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04   22  0.40   1.00
#
# NS          N         M2          M3   CMB  QP/R    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04   23  0.40   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04   23  0.40   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04   23  0.40 -10.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04   23  0.40  -7.80
  10 -8.604e+04 -8.604e+04 -8.604e+04   23  0.40   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04   23  0.40   1.00
#
# NS          N         M2          M3   CMB  QP/R    FRE
#
   1 -8.604e+04 -8.604e+04 -8.604e+04   24  0.40   0.00
   S -8.604e+04 -8.604e+04 -8.604e+04   24  0.40   0.01
   2 -8.604e+04 -8.604e+04 -8.604e+04   24  0.40 -11.00
  ..
   D -8.604e+04 -8.604e+04 -8.604e+04   24  0.40  -8.00
  10 -8.604e+04 -8.604e+04 -8.604e+04   24  0.40   1.00
  11 -8.604e+04 -8.604e+04 -8.604e+04   24  0.40   1.00
/eof                                  (fine del file)
```

FINE CICLO DATI PER OGNI TRAVE DELLA TRAVATA

N.B. : i caratteri in rosso sono commenti esplicativi e non vanno riportati nel file di interfaccia.

/ Carattere iniziale per lettura chiave
Carattere iniziale per commento