

5-3-68

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GFC,SOFT,F1559.13/2/68.STARITA

SOFTENING DI UNA CURVA

#DIMENSION KFI(2000),TAU(4),T(2000)

#NB=0

#CALL LETT(KFI,NB)

#READ Q,DELT,AK,N

#DO 5 L=1,N

5#READ Q,TAU(L)

#L=1

10#I=1

#Z=1

#XZ=0

#FO=0

15#FI=KFI(I)

#FI1=KFI(I+1)

#T(I)=FI1-FI

#IF(T(I))20,16,20

19#T(I)=T(I-1)

20#AT=ABS(T(I))

#XA=0

25#FO=1./TAU(L)*(FO+FI*DELT)

#XA=XA+DELT

#XZ=XZ+DELT

#IF(XZ-(Z-1.)*TAU(L)-AK*DELT)35,30,35

30#I=1

18 S=0
DO 14 I=1,NB
14 S=S+T(I)
31 S=S/NB

16 #IF (I-1) 18,18,19
18 #T(I)=S1
19 #GO TO 20
19 #T(I)=T(I-1)

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