5 - 3 - 68

```
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 0,DELT,AK,N
#DO 5 L=1,N
5#READ 0,TAU(L)
#L=1
10#I=1
#Z=1
#XZ=0
#FO=0
15#FI=KFI(I)
#FI1=KFI(I+1)
#T(1)=FI1-FI
#IF(T(1))20,16,20
19#T(1)=T(1-1)
20#AT=ABSF(T(1))
#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#J=1
```

Handwritten annotations:

```
S = 0
  DO 14 I=1, NB
14 S = S + T(I)
S1 = S/NB

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

N   3 2
    3 6 7
      3 6 2
        4
        6 5   1

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```