

SUBROUTINE TRI(A,B,C,N,T,D,E,F)

DIMENSION T(N),D(N),F(N),E(N)

N1=N-1

E(1)=1.0

F(1)=0.

DO 10 I=2,N1

DEN=B+C\*E(I-1)

E(I)=-A/DEN

10 F(I)=(D(I)-C\*F(I-1))/DEN

T(N)=F(N1)/(1.0-E(N1))

DO 20 J=1,N1

I=N-J

20 T(I)=E(I)\*T(I+1)+F(I)

RETURN

END