

SUBROUTINE G3(GB,G,M,N,XX,YY,ZZ,XN,YN,ZN,S,AF)

REAL GB(M,M),G(M,M),XX(M),YY(M),ZZ(M)

REAL AF(M),XN(M),YN(M),ZN(M),S(M)

PAI=3.1415927

DO 100 I=1,N

DO 100 J=1,N

IF(I.EQ.J) GO TO 200

R=SQRT((XX(I)-XX(J))\*\*2+(YY(I)-YY(J))\*\*2+(ZZ(I)-ZZ(J))\*\*2)

RN=((XX(J)-XX(I))\*XN(J)+(YY(J)-YY(I))\*YN(J)+(ZZ(J)-ZZ(I))\*ZN(J))  
&/R\*(-1)

GB(I,J)=0.5/PAI/R\*\*2\*RN\*S(J)

G(I,J)=0.5/PAI/R\*S(J)

GO TO 100

200 GB(I,J)=1.0

B=AF(J)

G(I,J)=SQRT((LOG(B+SQRT(B\*\*2+1))+B\*(LOG((1+SQRT(B\*\*2+1))/B)))  
&/SQRT(B\*PAI))\*SQRT(S(J)/PAI)

100 CONTINUE

CALL MINVS(GB,M,N,1E-12,ILL)

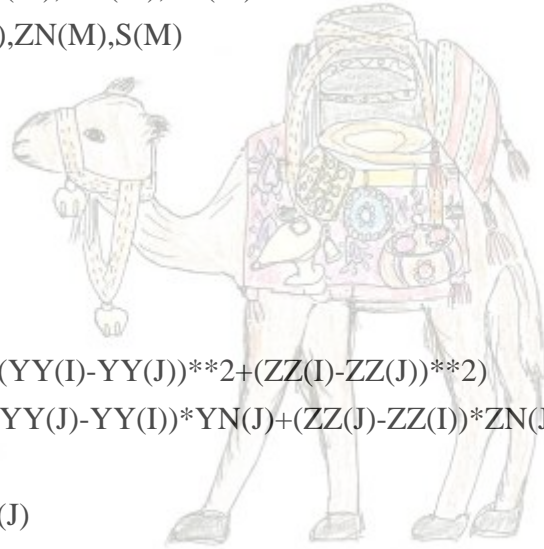
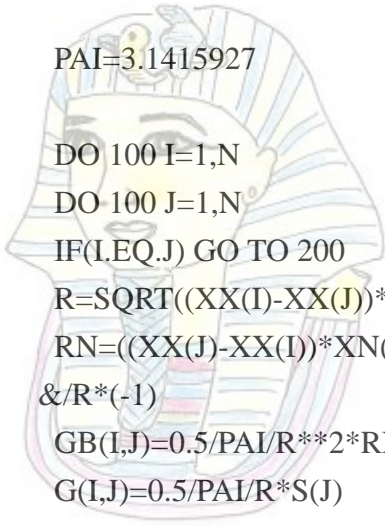
IF(ILL.NE.0) WRITE(3,1) ILL

1 FORMAT(1H0,'ILL G3',I7)

CALL SEKI(GB,G,M,N,N,N)

RETURN

END



載滿珠寶的駱駝



載滿貨品的驢子



阿拉丁神燈