NASA TECHNICAL NOTE

NASA TN D-2454

NASA TN D-2454

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION • WASHINGTON, D. C. • SEPTEMBER 1964

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SUMMARY

The Fano X-functions[2] X(abc,def,ghk) and the Λ_{ghk} angular functions are useful for the analysis of triple correlation measurements in nuclear reaction studies. The tables in this report give these coefficients as a function of the various parameters. The parameters a and d are restricted to integral values up to 3; b, c, e, and f can take either all half-integrals or all integral values up to 5, whereas g, h, and k are restricted to even integral values up to 8.

INTRODUCTION

The triple angular correlation expressions between nuclear reaction products are usually expressed in terms of Clebsch-Gordan coefficients, associated Racah coefficients, the X-coefficients[2] and the Λ-functions. (See refs. 1 to 4.) All these functions are complicated algebraic functions of their arguments; hence, the usefulness of this approach is dependent on the availability of numerical tabulations of these functions. There is ample material about the Racah coefficients and the Clebsch-Gordan coefficients. (See refs. 5 to 10.) The tables on X-coefficients are not complete, and no tabulations of the Λ-functions exist. Smith and others (refs. 11 to 13) have given detailed tables

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[2]The X-function of Fano, written as $X\begin{pmatrix} a & b & c \\ d & e & f \\ g & h & k \end{pmatrix}$, is identical with the 9-j symbol of Wigner $\begin{pmatrix} a & b & c \\ d & e & f \\ g & h & k \end{pmatrix}$. This transformation function has also been called U-coefficient in the literature. (See ref. 15.)

of $X(abc,def,ghk)$ for $1/2 \leq b,c,e,f \leq 7/2$ (half-integral values only)[3] and $0 \leq g,h,k \leq 7$ (integral values only). Sharp et al. (ref. 3) and Kennedy at al. (ref. 14) have extended the range to include many cases for integral values of b, c, e, and f, but there are a large number of cases of interest in nuclear-structure studies for which the pertinent values of X-coefficients have not been tabulated. This report is an attempt to fill these needs. Tables of X-coefficients and Λ-functions have been prepared by use of the Langley Research Center computer facilities.

For the convenience of those who might wish to extend the tables, the computer program is given in an appendix.

SYMBOLS

h Planck's constant

I spin of final state of nucleus

J_1, J_1' spin of compound nuclear state

J_2, J_2' spin of intermediate level

$k_1, k_{12}, k_2 \leq 2l_1, 2L_{12}, 2L_2$, respectively, they can take even values only; this restriction implies that only states with well-defined parity are involved in transitions

$\left.\begin{matrix}(K_1K_20\mu_2|K_{12}\mu_2) \\ (k_1k_2\mu_1\mu_2|k_2(\mu_1+\mu_2)) \\ (L_{12}L_{12}' - 11|K_{12}0)\end{matrix}\right\}$ Clebsch-Gordan coefficients

l_1, l_1' orbital angular momentum (in units of $h/2\pi$) of ingoing particle

L_2, L_2' multipolarity of final radiation

L_{12}, L_{12}' multipolarity of intermediate radiation

[3]The ordering of abc,def,ghk in the X-coefficients in these tables is slightly different from that used in references 11 to 13. In the present arrangement, the parameters which can be either all integers or all half integers are confined to the first two rows in the second and third columns as opposed to the first two rows in the first and second columns in references 11 to 13. In the Introduction, ranges of corresponding parameters in references 11 to 13, in terms of the present arrangement, have been stated. The arrangement used here lends itself to a more convenient speedometer listing of the parameters.

$P_k^{|\mu|}(\cos\theta)$ associated Legendre polynomial of kth order

s channel spin, which is equal to sum of target nucleus spin and incident particle spin (in units of $h/2\pi$)

t,t' interfering radiations in a transition

$W(abcd,ef)$ Racah coefficient defined as transformation function between two different coupling schemes of any three angular momenta a, b, and d to give c.

$W_{tt'}(\theta,\Phi)$ angular distribution function between two successive radiations in terms of the angles θ,Φ between them

$X\begin{pmatrix} a & b & c \\ d & e & f \\ g & h & k \end{pmatrix}$ Fano X-coefficient, defined as the transformation function between two different coupling orders in pairs of any angular momenta a, b, d, and e to give k.

$Y_l^{|\mu|}(\theta,\phi)$ spherical harmonic function

$Z(ljl'j';sk)$
$Z_1(LjL'j';Ik)$ associated Racah coefficients

$\alpha_{kK_{12}K_2}^{\mu_2}$ angular function of kth order

γ gamma ray

$\Delta(abc)$ triangle coefficient

θ,Φ variable angles between directions of incoming particle and outgoing radiations

$\theta_1,\Phi_1;\ \theta_2,\Phi_2;\ \theta_{12},\Phi_{12}$ angles that radiations 1, 2, and 12, respectively, make with reference axis

$\Lambda_{k_1k_2k_{12}}$ angular function of coordinates of three successive radiations (See ref. 3 for detailed discussion)

μ_1,μ_{12},μ_2 Z components of k_1, k_{12}, and k_2, respectively $(\mu_{12} = \mu_1 + \mu_2)$

π intrinsic parity of gamma radiation

π_L intrinsic parity of gamma radiation, defined as 0 for electric radiation and 1 for magnetic radiation

π_{12}, π'_{12} intrinsic parities of intermediate radiations

Subscripts:

1 first radiation

2 second radiation

12 intermediate radiation

An asterisk on a symbol denotes a complex conjugate.

DEFINITIONS AND PROPERTIES

X-Coefficients

The X-coefficient $X(abc,def,ghk)$ arises in the relation between different ways of combining the vectors a, b, d, and e to give a resultant k. In terms of the Racah coefficients, these coefficients may be described as follows (ref. 1):

$$X\begin{pmatrix} a & b & c \\ d & e & f \\ g & h & k \end{pmatrix} = \sum_x (2x + 1)\, W(abkf,cx)\, W(dfhb,ex)\, W(adkh,gx) \qquad (1)$$

where x is limited to the values that simultaneously fulfill the triangular conditions for the three Racah coefficients.

From this definition, it follows that X is defined only if the parameters in each row and each column form the sides of a triangle with an integral sum. The X-coefficient is unchanged by interchanging the roles of the rows and the columns; and interchanging of any two rows or any two columns multiplies X by $(-1)^{a+b+c+d+e+f+g+h+k}$. Even though an X-coefficient containing a zero is essentially a Racah coefficient, these cases have also been included in these tables. The tables are given for all integral values of a from 1 to 3 and b, c, e, and f can take all half-integral or integral values from 1/2 up to 5 with the condition that they are all half integers or all integers in a particular case and d is either equal to a or a + 1. The triad ghk is composed of even integers up to 8. These restrictions have been imposed because one seldom observes outgoing l-values of the particles (or the gamma multipolarities) in excess of 4 and interfering radiations with multipolarities differing by more than 1.

Λ_{ghk} Angular Functions

The Λ functions[4] include the angular dependence of the reaction amplitude. These are real quantities and are very tedious to calculate. These angular functions have been calculated for all even values of g, h, and k up to 8. The combinations ghk are consistent with the triangular conditions of the Racah and X-coefficients.

The mathematical definition of the Λ-function (from ref. 3) is as follows:

$$\Lambda_{k_1k_2k_{12}} = \sum_{\mu_1\mu_2} \left(k_1k_2\mu_1\mu_2 \middle| k_{12}(\mu_1+\mu_2)\right) \left[\frac{(4\pi)^3}{(2k_1+1)(2k_2+1)(2k_{12}+1)}\right]^{1/2} Y_{k_1}^{\mu_1}(\theta_1,\phi_1)\, Y_{k_2}^{\mu_2}(\theta_2,\phi_2)\, Y_{k_{12}}^{\mu_{12}*}(\theta_{12},\phi_{12}) \quad (2)$$

where $\left(k_1k_2\mu_1\mu_2 \middle| k_{12}(\mu_1+\mu_2)\right)$ are the Clebsch-Gordan coefficients and $\mu_{12} = \mu_1 + \mu_2$. The $Y_k^{\mu}(\theta,\phi)$ terms are the usual spherical harmonics defined as follows:

$$Y_k^{\mu}(\theta,\phi) = (-1)^{1/2(\mu+|\mu|)} \left[\frac{(k-|\mu|)!}{(k+|\mu|)!}\right]^{1/2} e^{i\mu\phi} P_k^{|\mu|}(\cos\theta) \quad (3)$$

Substitution of the values of the spherical harmonics in equation (2) yields

$$\Lambda_{k_1k_2k_{12}} = \sum_{\mu_1\mu_2} \left(k_1k_2\mu_1\mu_2 \middle| k_{12}\mu_1+\mu_2\right) \left[\frac{(k_1-|\mu_1|)!}{(k_1+|\mu_1|)!}\right]^{1/2} \left[\frac{(k_2-|\mu_2|)!}{(k_2+|\mu_2|)!}\right]^{1/2} \left[\frac{(k_{12}-|\mu_1+\mu_2|)!}{(k_{12}+|\mu_1+\mu_2|)!}\right]^{1/2}$$

$$\times \left(e^{i\mu_1\phi_1} e^{i\mu_2\phi_2} e^{-i(\mu_1+\mu_2)\phi_{12}}\right) P_{k_1}^{|\mu_1|}(\cos\theta_1)\, P_{k_2}^{|\mu_2|}(\cos\theta_2)\, P_{k_{12}}^{|\mu_1+\mu_2|}(\cos\theta_{12}) \quad (4)$$

Since one generally fixes the direction of the Z-axis along the incoming radiation, only $\mu_1 = 0$ contributes to the $\Lambda_{k_1k_{12}k_2}$. Thus the associated Legendre polynomial $P_{k_{12}}^{|\mu_1+\mu_2|}(\cos\theta_{12})$ really becomes $P_{k_{12}}^{|\mu_2|}(\cos\theta_{12})$, and thereby restricts μ_2 to the values equal to or less than k_{12}. When these simplifications are introduced in equation (4),

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[4] Ferguson et al. (ref. 2) have tabulated the values of a closely related function $\alpha_{kK_{12}K_2}^{\mu_2}$. This function differs from the Λ-function by a factor of $\left(K_1K_20\mu_2 \middle| K_{12}\mu_2\right)$.

$$\Lambda_{k_1k_2k_{12}} = \sum_{\mu_2} \left(k_1 k_2 0\mu_2 | k_{12}\mu_2\right) \left[\frac{(k_2 - |\mu_2|)!}{(k_2 + |\mu_2|)!}\right]^{1/2} \left[\frac{(k_{12} - |\mu_2|)!}{(k_{12} + |\mu_2|)!}\right]^{1/2} e^{i\mu_2(\phi_2 - \phi_{12})} P_{k_1}(\cos\theta_1)\, P_{k_2}^{|\mu_2|}(\cos\theta_2)\, P_{k_{12}}^{|\mu_2|}(\cos\theta_{12}) \quad (5)$$

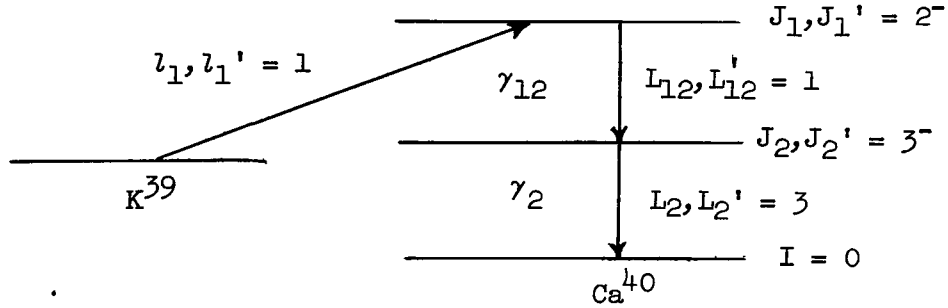
where μ_2 is restricted to even values up to k_{12}. The coefficients of $P_{k_1}(\cos\theta_1) P_{k_2}^{|\mu_2|}(\cos\theta_2) P_{k_{12}}^{|\mu_2|}(\cos\theta_{12})$ have been calculated for all possible values of μ_2 for a given $\Delta(k_1k_2k_{12})$ triad. In order to get the complete values of $\Lambda_{k_1k_2k_{12}}$, the corresponding factors for all possible μ_2 values should be added. Values of k_1, k_2, and k_{12} considered in this report range from 0 up to 8.

USE OF TABLES

Suppose one wishes to calculate the triple angular correlation expression in the following example and sketch: $K^{39} + H' \rightarrow Ca^{40} + \gamma_{12} + \gamma_2$.

$s = \left(K^{39} \text{ ground state spin } \pm 1/2\right)$

$s = 1, 2$



If a pure p-wave formation and a pure magnetic dipole transition are assumed in the first step and channel spin $s = 2$, the angular distribution of γ_2 with respect to γ_{12} is described (refs. 1 and 3) by the following expression:

$$W_{tt'}(\theta) = 4 \sum_{k_1k_2k_{12}} (-1)^{\psi} Z\left(l_1 J_1 l_1' J_1', s k_1\right) Z_1\left(L_2 J_2 L_2' J_2', I k_2\right) G_1 \begin{pmatrix} J_1 & L_{12} & J_2 \\ k_1 & k_{12} & k_2 \\ J_1' & L_{12}' & J_2' \end{pmatrix} \Lambda_{k_1k_2k_{12}}$$

where $\psi = \left(s + I + l_1 + l_1' + L_{12} + L_{12}' + L_2 + L_2' + J_1 + J_2\right)$

and

$$G_1\begin{pmatrix} J_1 & L_{12} & J_2 \\ k_1 & k_{12} & k_2 \\ J_1' & L_{12}' & J_2' \end{pmatrix} = \text{Real part of } \left(i^{-L_{12}+\pi_{12}-L_{12}'-\pi_{12}'-k_1-k_2+2}\right)\left(2L_{12}+1\right)^{1/2}$$

$$\times \left(2L_{12}'+1\right)^{1/2}\left(2k_1+1\right)^{1/2}\left(2k_2+1\right)^{1/2}\left(L_{12}L_{12}' - 11\middle|K_{12}0\right) X\begin{pmatrix} J_1 & L_{12} & J_2 \\ k_1 & k_{12} & k_2 \\ J_1' & L_{12}' & J_2' \end{pmatrix}$$

$$W_{tt'}(\theta) = 4 \sum_{k_1 k_2 k_{12}} (-1)\, Z(1212, 2k_1)\, Z_1(3333, 0k_2)\, G_1\begin{pmatrix} 2 & 1 & 3 \\ k_1 & k_{12} & k_2 \\ 2 & 1 & 3 \end{pmatrix} \Lambda_{k_1 k_2 k_{12}} \qquad (6)$$

The X-coefficient of interest from table I is

$$X\begin{pmatrix} 2 & 1 & 3 \\ k_1 & k_{12} & k_2 \\ 2 & 1 & 3 \end{pmatrix} = X\begin{pmatrix} 2 & 1 & 3 \\ 2 & 1 & 3 \\ k_1 & k_{12} & k_2 \end{pmatrix} = X\begin{pmatrix} 1 & 2 & 3 \\ 1 & 2 & 3 \\ k_{12} & k_1 & k_2 \end{pmatrix} = 0.01849$$

for $k_{12}k_1k_2 = 224$.

The $\Lambda_{k_1k_2k_{12}}$ factors of interest correspond to the following values of the $\Delta(k_1k_2k_{12})$: 000, 022, 220, 202, 222, and 242. If it is assumed that the intermediate radiation is emitted at right angles to the Z-direction,

$$\theta_1 = \phi_1 = 0$$

$$\theta_{12} = \frac{\pi}{2} \qquad \phi_{12} = 0$$

$$\theta_2 = \theta \qquad \phi_2 = 0$$

This arrangement simplifies the expression for $\Lambda_{k_1k_2k_{12}}$ (eq. (5)) as follows:

$$\Lambda_{k_1k_2k_{12}} = \sum_{\mu_2} \left(K_1K_20\mu_2\middle|K_{12}\mu_2\right)\left[\frac{(k_2 - |\mu_2|)!}{(k_2 + |\mu_2|)!}\right]^{1/2}\left[\frac{(k_{12} - |\mu_2|)!}{(k_{12} + |\mu_2|)!}\right]^{1/2} P_{k_1}(\cos\theta)\, P_{k_2}^{|\mu_2|}(\cos\theta)\, P_{k_{12}}^{|\mu_2|}\left(\cos\frac{\pi}{2}\right)$$

For $k_1,k_2,k_{12} = 2,4,2$, the value of the A coefficient from table II is

$$A_{k_1k_2k_{12}} = (2400|20)P_2(1)\ P_4(\cos\theta)\ P_2(\cos\pi/2) + (2402|22)P_2(1)\ P_4^2(\cos\theta)\ P_2^2(\cos\pi/2)$$
$$+ (240\text{-}2|2\text{-}2)P_2(1)\ P_4^2(\cos\theta)\ P_2^2(\cos\pi/2)$$
$$= 0.2673\left(-P_4(\cos\theta) + 0.0834P_4^2(\cos\theta)\right)$$

CONCLUDING REMARKS

The X-coefficients and the A angular functions have been calculated for most cases of interest in experimental nuclear spectroscopy. Interference terms have been restricted to magnetic dipole/electric quadrupole and magnetic quadrupole/electric octupole radiations for gamma rays. The running time for all the tables given in this report is of the order of 10 minutes.

Langley Research Center,
National Aeronautics and Space Administration,
Langley Station, Hampton, Va., May 6, 1964.

APPENDIX

FORTRAN PROGRAMS

For the convenience of those who might wish to extend the tables, the FORTRAN programs for the various coefficients are presented as follows.

The FORTRAN program for the X-coefficients for whole integers is as follows:

```
      DIMENSION MT(20)

      DIMENSION MT(20)
      DIMENSION NCK(20),MST(9,120),XXX(120)
      DIMENSION F(50),KB(50),  K(20),WR(20),W(20),WW(20) ,T(99,18)
  758 READ INPUT TAPE5,757,JJJ
  757 FORMAT(I2)
      A=1.
      DO 100 J=1,33
      AB=J
      A=A*AB
      F(J+1)=A
  100 CONTINUE
      F(1)=1.0
      J=-1
      M=-1
      L=-1
  954 J=J+1
  952 M=M+1
  950 L=L+1
      K1=J+M-L
      K2=M+L-J
      K3=J+L-M
      K4=M+J+L+1
      JM=10*J+M+11
      IF(K1)    102,103,103
  103 IF(K2)    102,104,104
  104 IF(K3)    102,105,105
  105 IF(K4)    102,106,106
  106 T(JM,L+1)      =SQRTF(F(K1+1)/F(K4+1)*F(K3+1)*F(K2+1))
  878 FORMAT(2I4,E20.8)
      GO TO 101
  102 T(JM,L+1)=-1.
  101 IF(L-17)  950,951,951
  951 L=-1
      IF(M-8)  952,953,953
  953 M=-1
      IF(J-8)  954,955,955
C     DETERMINE ALLOWED VALUES OF Z AND STORE IN KZ(N)
  955 J1=0
      NCC=0
      J1=0
      J2=0
      J3=0
```

```
      DIMENSION MT(20)

      J7=-1
      J8=-1
      J9=-1
711   J1=J1+1
709   J2=J2+1
707   J3=J3+1
      J4=J1
      J5=J2
      J6=J3+JJJ
705   J7=J7+2
703   J8=J8+2
701   J9=J9+2
777   FORMAT(9I2)
      MT(1)=J1+J4-J7
      MT(2)=J4+J7-J1
      MT(3)=J7+J1-J4
      MT(4)=J1+J2-J3
      MT(5)=J2+J3-J1
      MT(6)=J3+J1-J2
      MT(7)=J9+J6-J3
      MT(8)=J6+J3-J9
      MT(9)=J3+J9-J6
      MT(10)=J4+J6-J5
      MT(11)=J6+J5-J4
      MT(12)=J5+J4-J6
      MT(13)=J8+J2-J5
      MT(14)=J2+J5-J8
      MT(15)=J5+J8-J2
      MT(16)=J9+J8-J7
      MT(17)=J8+J7-J9
      MT(18)=J7+J9-J8
      DO 201 JE=1,18
      IF(MT(JE))     200,200,201
201   CONTINUE
206   NN=0
      KBB=0
      KN=0
210   KBB=KBB+1
      KN=KN+1
      NCK(1)=J1+J9-KN
      NCK(2)=J9+KN-J1
      NCK(3)=KN+J1-J9
```

```
      DIMENSION MT(20)

      NCK(4)=J2+J6-KN
      NCK(5)=J6+KN-J2
      NCK(6)=KN+J2-J6
      NCK(7)=J4+J8-KN
      NCK(8)=J8+KN-J4
      NCK(9)=KN+J4-J8
      NCK(10)=J6+J2-KN
      NCK(11)=J2+KN-J6
      NCK(12)=KN+J6-J2
      DO 209 JB=1,12
      IF(NCK(JB))  208,208,209
209   CONTINUE
      NN=NN+1
      KB(NN)=KN
877   FORMAT(2I4)
208   IF(KBB-17)   210,211,211
211   I=0
      X=0.
      IF(NN)  200,200,221
221   I=I+1
      WR(1)=0.
      WR(2)=0.
      WR(3)=0.
      NN5=0
      DO 121 J=1,3
      GO TO (12,13,14),J
 12   MA1=J1-1
      MB1=J2-1
      MC1=J9-1
      MD1=J6-1
      ME1=J3-1
      GO TO 15
 13   MA1=J4-1
      MB1=J6-1
      MC1=J8-1
      MD1=J2-1
      ME1=J5-1
      GO TO 15
 14   MA1=J1-1
      MB1=J4-1
      MC1=J9-1
      MD1=J8-1
```

```
      DIMENSION MT(20)

      ME1=J7-1
      GO TO 15
   15 KZZ=-1
      DO  121  KM=1,27
      KZZ=KZZ+1
      MF1=KB(I)-1
      K1=KZZ+2
      I2=-MA1-MB1-ME1
      K2=KZZ+I2+1
      IF(K2)    121,121,123
  123 I3=-MC1-MD1-ME1
      K3=KZZ+I3+1
      IF(K3)    121,121,124
  124 I4=-MA1-MC1-MF1
      K4=KZZ+I4+1
      IF(K4)    121,121,125
  125 I5=-MB1-MD1-MF1
      K5=KZZ+I5+1
      IF(K5)    121,121,126
  126 I6=+MA1+MB1+MC1+MD1
      K6=I6-KZZ+1
      IF(K6)    121,121,127
  127 I7=+MA1+MD1+ME1+MF1
      K7=I7-KZZ+1
      IF(K7)    121,121,128
  128 I8=+MB1+MC1+ME1+MF1
      K8=I8-KZZ+1
      IF(K8)    121,121,129
  129 MT1=MA1+MB1-ME1+1
      MT2=MB1+ME1-MA1+1
      MT3=ME1+MA1-MB1+1
      MT4=MA1+MB1+ME1+2
      MT5=MC1+MD1-ME1+1
      MT6=MD1+ME1-MC1+1
      MT7=ME1+MC1-MD1+1
      MT8=MC1+MD1+ME1+2
      MT9=MA1+MC1-MF1+1
      MT10=MC1+MF1-MA1+1
      MT11=MF1+MA1-MC1+1
      MT12=MA1+MC1+MF1+2
      MT13=MB1+MD1-MF1+1
      MT14=MD1+MF1-MB1+1
```

```
      DIMENSION MT(2C)

      MT15=MF1+MB1-MC1+1
      MT16=MB1+MC1+MF1+2
      RR1=F(MT1)/F(MT4)*F(MT2)*F(MT3)
      RR2=F(MT5)/F(MT8)*F(MT6)*F(MT7)
      RR3=F(MT9)/F(MT12)*F(MT1C)*F(MT11)
      RR4=F(MT13)/F(MT16)*F(MT14)*F(MT15)
      RR1=SQRTF(RR1)
      RR2=SQRTF(RR2)
      RR3=SQRTF(RR3)
      RR4=SQRTF(RR4)
      R=RR1*RR2*RR3*RR4
      KF=MA1+MB1+MC1+MC1+KZZ+2
      S=1.
      DO 614 JH=1,KF
  614 S=-1.*S
      NN5=NN5+1
      Q=S*F(K1)*R
      WR(J)=WR(J)+Q/    (F(K8)* F(K2)*F(K3)*F(K4)*F(K5)*F(K6)*F(K7))
  871 FORMAT( 6I3,2E20.8,4E1C.3)
  121 CXZ=C.
      IF(NN5)    2CC,2CC,741
  741 Z=KB(I)-1
      X=    WR(1)*WR(2)*WR(3)*(2.*Z+1.)+X
      IF(I-NN)   221,899,899
  899 MA5=J1-1
      MB5=J2-1
      MC5=J3-1
      MG5=J4-1
      MH5=J5-1
      MK5=J6-1
      ML5=J7-1
      MM5=J8-1
      MN5=J9-1
      NCC=NCC+1
      MST(1,NCC)=J1-1
      MST(2,NCC)=J2-1
      MST(3,NCC)=J3-1
      MST(4,NCC)=J4-1
      MST(5,NCC)=J5-1
      MST(6,NCC)=J6-1
      MST(7,NCC)=J7-1
      MST(8,NCC)=J8-1
```

```
      DIMENSION MT(20)

      MST(9,NCC)=J9-1
      XXX(NCC)=X
      IF( NCC-80)   200,961,961
  961 WRITE OUTPUT TAPE 6,965
  965 FORMAT(1H1////)
      WRITE OUTPUT TAPE 6,962
  962 FORMAT(     1CX,74H A B C D E F G H K    X(ABC,DEF,GHK)    A B C D
     1E F G H K   X(ABC,DEF,GHK))
      DO 963 NCC=1,4C
      NCD=NCC+40
  963 WRITE OUTPUT TAPE 6,964,MST(1,NCC),MST(2,NCC),MST(3,NCC),MST(4,NCC
     1),MST(5,NCC),MST(6,NCC),MST(7,NCC),MST(8,NCC),MST(9,NCC),XXX(NCC),
     2                          MST(1,NCD),MST(2,NCD),MST(3,NCD),MST(4,NCD
     3),MST(5,NCD),MST(6,NCD),MST(7,NCD),MST(8,NCD),MST(9,NCD),XXX(NCD)
  964 FORMAT(10X,9I2,E18.8,3X,9I2,E17.8)
      NCC=0
  200 IF(J9-9)  701,700,700
  700 J9=-1
      IF(J8-9)  703,702,702
  702 J8=-1
      IF(J7-9)  705,704,704
  704 J7=-1
      IF(J3-6)  707,706,706
  706 J3=0
      IF(J2-6)  709,708,708
  708 J2=0
      IF(J1-4)  711,710,710
  710 WRITE OUTPUT TAPE 6,962
      KLJ=NCC
      DO 263 NCC=1,KLJ
  263 WRITE OUTPUT TAPE 6,964,MST(1,NCC),MST(2,NCC),MST(3,NCC),MST(4,NCC
     1),MST(5,NCC),MST(6,NCC),MST(7,NCC),MST(8,NCC),MST(9,NCC),XXX(NCC),
      GO TO 758
  430 FORMAT(9I2,E18.8)
   89 FORMAT(F20.4)
      END(1,1,0,0,0,1,1,1,0,0,0,0,0,0,0)
```

The FORTRAN program for X-coefficients for half integers is as follows:

```
      DIMENSION MT(20)
      DIMENSION NCK(20),MST(9,120),XXX(120)
      DIMENSION F(50),KB(50),  K(20),WR(20),W(20),WW(20) ,T(99,18)
  758 READ INPUT TAPE5,757,JJJ
  757 FORMAT(I2)
C     COMPUTE FACTORIAL AND STORE IN F(J)  J=0,25
      F(1)=1.0
      A=1.
      DO 100 J=1,33
      AB=J
      A=A*AB
      F(J+1)=A
  100 CONTINUE
      NCC=0
      J1=0
      J2=-1
      J3=-1
      J7=0
      J8=0
      J9=-4
  711 J1=2+J1
  709 J2=2+J2
  707 J3=2+J3
      J4=J1+JJJ
      J5=J2
      J6=J3
  705 J7=4+J7
  703 J8=4+J8
  701 J9=4+J9
  777 FORMAT(9I2)
      MT(1)=J1+J4-J7
      MT(2)=J4+J7-J1
      MT(3)=J7+J1-J4
      MT(4)=J1+J2-J3
      MT(5)=J2+J3-J1
      MT(6)=J3+J1-J2
      MT(7)=J9+J6-J3
      MT(8)=J6+J3-J9
      MT(9)=J3+J9-J6
      MT(10)=J4+J6-J5
      MT(11)=J6+J5-J4
      MT(12)=J5+J4-J6
```

```
      DIMENSION MT(20)

      MT(13)=J8+J2-J5
      MT(14)=J2+J5-J8
      MT(15)=J5+J8-J2
      MT(16)=J9+J8-J7
      MT(17)=J8+J7-J9
      MT(18)=J7+J9-J8
      DO 201 JE=1,18
      IF(MT(JE))    200,201,201
  201 CONTINUE
  206 NN=0
      KBB=0
      KN=-2
  210 KBB=KBB+1
      KN=KN+2
      NCK(1)=J1+J9-KN
      NCK(2)=J9+KN-J1
      NCK(3)=KN+J1-J9
      NCK(4)=J2+J6-KN
      NCK(5)=J6+KN-J2
      NCK(6)=KN+J2-J6
      NCK(7)=J4+J8-KN
      NCK(8)=J8+KN-J4
      NCK(9)=KN+J4-J8
      NCK(10)=J6+J2-KN
      NCK(11)=J2+KN-J6
      NCK(12)=KN+J6-J2
      DO 209 JB=1,12
      IF(NCK(JB))  208,209,209
  209 CONTINUE
      NN=NN+1
      KB(NN)=KN
  877 FORMAT(2I4)
  208 IF(KBB-17)   210,211,211
  211 I=0
      X=0.
      IF(NN)  200,200,221
  221 I=I+1
      WR(1)=0.
      WR(2)=0.
      WR(3)=0.
      NN5=0
      DO 121 J=1,3
```

```
      DIMENSION MT(20)

      GO TO (12,13,14),J
   12 MA1=J1
      MB1=J2
      MC1=J9
      MD1=J6
      ME1=J3
      GO TO 15
   13 MA1=J4
      MB1=J6
      MC1=J8
      MD1=J2
      ME1=J5
      GO TO 15
   14 MA1=J1
      MB1=J4
      MC1=J9
      MD1=J8
      ME1=J7
      GO TO 15
   15 KZZ=-2
      DO 121 KM=1,27
      KZZ=KZZ+2
      MF1=KD(I)
      K1=KZZ+3
      I2=-MA1-MB1-ME1
      K2=KZZ+I2+1
      IF(K2)    121,121,123
  123 I3=-MC1-MD1-ME1
      K3=KZZ+I3+1
      IF(K3)    121,121,124
  124 I4=-MA1-MC1-MF1
      K4=KZZ+I4+1
      IF(K4)    121,121,125
  125 I5=-MB1-MD1-MF1
      K5=KZZ+I5+1
      IF(K5)    121,121,126
  126 I6=+MA1+MB1+MC1+MD1
      K6=I6-KZZ+1
      IF(K6)    121,121,127
  127 I7=+MA1+MD1+ME1+MF1
      K7=I7-KZZ+1
      IF(K7)    121,121,128
```

```
      DIMENSION MT(20)

  128 I8=+MB1+MC1+ME1+MF1
      K8=I8-KZZ+1
      IF(K8)    121,121,129
  129 MT1=MA1+MB1-ME1+1
      MT2=MB1+ME1-MA1+1
      MT3=ME1+MA1-MB1+1
      MT4=MA1+MB1+ME1+3
      MT5=MC1+MD1-ME1+1
      MT6=MD1+ME1-MC1+1
      MT7=ME1+MC1-MD1+1
      MT8=MC1+MD1+ME1+3
      MT9=MA1+MC1-MF1+1
      MT10=MC1+MF1-MA1+1
      MT11=MF1+MA1-MC1+1
      MT12=MA1+MC1+MF1+3
      MT13=MB1+MD1-MF1+1
      MT14=MD1+MF1-MB1+1
      MT15=MF1+MB1-MD1+1
      MT16=MB1+MD1+MF1+3
      MT1=(MT1-1)/2+1
      MT2=(MT2-1)/2+1
      MT3=(MT3-1)/2+1
      MT4=(MT4-1)/2+1
      MT5=(MT5-1)/2+1
      MT6=(MT6-1)/2+1
      MT7=(MT7-1)/2+1
      MT8=(MT8-1)/2+1
      MT9=(MT9-1)/2+1
      MT10=(MT10-1)/2+1
      MT11=(MT11-1)/2+1
      MT12=(MT12-1)/2+1
      MT13=(MT13-1)/2+1
      MT14=(MT14-1)/2+1
      MT15=(MT15-1)/2+1
      MT16=(MT16-1)/2+1
      RR1=F(MT1)/F(MT4)*F(MT2)*F(MT3)
      RR2=F(MT5)/F(MT8)*F(MT6)*F(MT7)
      RR3=F(MT9)/F(MT12)*F(MT10)*F(MT11)
      RR4=F(MT13)/F(MT16)*F(MT14)*F(MT15)
      RR1=SQRTF(RR1)
      RR2=SQRTF(RR2)
      RR3=SQRTF(RR3)
```

```
      DIMENSION MT(20)

      RR4=SQRTF(RR4)
      R=RR1*RR2*RR3*RR4
      S=1.
      K1=(K1-1)/2+1
      K2=(K2-1)/2+1
      K3=(K3-1)/2+1
      K4=(K4-1)/2+1
      K5=(K5-1)/2+1
      K6=(K6-1)/2+1
      K7=(K7-1)/2+1
      K8=(K8-1)/2+1
      KF=MA1+MB1+MC1+MC1+KZZ+4
      KF=KF/2
      DO 614 JH=1,KF
  614 S=-1.*S
      NN5=NN5+1
      Q=S*F(K1)*R
      WR(J)=WR(J)+Q/    (F(K8)* F(K2)*F(K3)*F(K4)*F(K5)*F(K6)*F(K7))
  369 FORMAT(14I3,2E17.8)
  871 FORMAT( 6I3,2E20.8,4E10.3)
  121 CXZ=C.
      IF(NN5)    200,200,741
  741 Z=KB(I)
      X=    WR(1)*WR(2)*WR(3)*(    Z+1.)+X
      IF(I-NN)   221,899,899
  899 MA5=J1-1
      MB5=J2-1
      MC5=J3-1
      MG5=J4-1
      MH5=J5-1
      MK5=J6-1
      ML5=J7-1
      MM5=J8-1
      MN5=J9-1
      NCC=NCC+1
      MST(1,NCC)=J1/2
      MST(2,NCC)=J2
      MST(3,NCC)=J3
      MST(4,NCC)=J4/2
      MST(5,NCC)=J5
      MST(6,NCC)=J6
      MST(7,NCC)=J7/2
```

```
      DIMENSION MT(20)

      MST(8,NCC)=J8/2
      MST(9,NCC)=J9/2
      XXX(NCC)=X
      IF( NCC-80)   200,961,961
  961 WRITE OUTPUT TAPE 6,965
  965 FORMAT(1H1////)
      WRITE OUTPUT TAPE 6,962
  962 FORMAT(7X,   99H A  B   C  D  E   F  G H K      X(ABC,DEF,GHK)
     1   A  B   C  D  E   F  G H K      X(ABC,DEF,GHK) )
      DO 963 NCC=1,40
      NCD=NCC+40
  963 WRITE OUTPUT TAPE 6,964,MST(1,NCC),MST(2,NCC),MST(3,NCC),MST(4,NCC
     1),MST(5,NCC),MST(6,NCC),MST(7,NCC),MST(8,NCC),MST(9,NCC),XXX(NCC),
     2                        MST(1,NCD),MST(2,NCD),MST(3,NCD),MST(4,NCD
     3),MST(5,NCD),MST(6,NCD),MST(7,NCD),MST(8,NCD),MST(9,NCD),XXX(NCD)
  964 FORMAT(1X,2(I8,I3,2H/2,I2,2H/2,I2,I2,2H/2,I2,2H/2,I2,I2,I2,E20.8))
      NCC=0
  200 IF(J9-16) 701,700,700
  700 J9=-4
      IF(J8-16) 703,702,702
  702 J8=-0
      IF(J7-16) 705,704,704
  704 J7=-0
      IF(J3- 9) 707,706,706
  706 J3=-1
      IF(J2- 9) 709,708,708
  708 J2=-1
      IF(J1-5)  711,710,710
  710 WRITE OUTPUT TAPE 6,965
      WRITE OUTPUT TAPE 6,962
      KLJ=NCC
      DO 263 NCC=1,KLJ
  263 WRITE OUTPUT TAPE 6,964,MST(1,NCC),MST(2,NCC),MST(3,NCC),MST(4,NCC
     1),MST(5,NCC),MST(6,NCC),MST(7,NCC),MST(8,NCC),MST(9,NCC),XXX(NCC),
      GO TO 758
  430 FORMAT(9I2,E18.8)
   89 FORMAT(F20.4)
      END(1,1,0,0,0,1,1,1,0,0,0,0,0,0)
```

The FORTRAN program for the Λ-coefficients is as follows:

```
      XEQ
      1620
      DIMENSION F(30)
      F(1)=1.
      F(2)=1.
      A=1
      DO   15 J=2,29
      B=J
   15 F(J+1)=B*F(J)
   16 READ 1,K1,K2,K12,KK
      NN=0
      J1=K1
      J2=K2
      J=K12
    1 FORMAT(4I2)
      DO11 JA=1,KK
      READ 3,L1,L2,L12
      C=C
      M1=L1
      M2=L2
      M=L12
      M9=K1-L1+1
      M8=K1+L1+1
      M3=K2-L2+1
      M4=K2+L2+1
      M5=K12-L12+1
      M6=K12+L12+1
      C=SQRTF(F(M9)/F(M8)*F(M3)/F(M4)*F(M5)/F(M6))
      N1=J+J1-J2+1
      N2=J-J1+J2+1
      N3=J1+J2-J+1
      N4=J+M+1
      N5=J-M+1
      N6=J+J1+J2+2
      N7=J1-M1+1
      N8=J1+M1+1
      N9=J2-M2+1
      N10=J2+M2+1
```

```
      D=F(N1)/F(N6)*F(N2)/F(N7)*F(N3)/F(N8)*F(N4)/F(N9)*F(N5)/F(N10)
      AA=K12
      D=SQRTF(D*(2.*AA+1.))
      DO 4 LK=1,29
      K=LK-1
      N1=J+J2+M1-K
      IF(N1)  4,5,5
    5 N2=J1-M1+K
      IF(N2)  4,6,6
    6 N3=J-J1+J2-K
      IF(N3)  4,7,7
    7 N4=J+M-K
      IF(N4)  4,8,8
    8 N5=K
      IF(N5)  4,9,9
    9 N6=K+J1-J2-M
      IF(N6)  4,10,10
   10 NN=NN+1
      NS=K+J2+M2+2
      S=1.
      DO 60 JNM=1,NS
   60 S=-1.*S
      E=F(N1+1)/F(N3+1)*F(N2+1)/F(N4+1)/(F(N5+1)*F(N6+1))*S+E
    4 CONTINUE
      E=C*D*E
      IF(NN)  11,11,12
   12 PUNCH 13,K1,K2,K12,L1,L2,L12,E
   11 CONTINUE
      GO TO 16
   13 FORMAT(6I4,E20.8)
    3 FORMAT(3I2)
      END
```

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TABLE I.- X-COEFFICIENTS

(a) Integral parameters

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
0	0	0	0	0	0	0	0	0	C.09999999E C1
0	1	1	0	1	1	0	0	0	C.33333331E-CC
0	1	1	0	1	1	0	2	2	C.14907118E-C0
0	2	2	0	2	2	0	0	0	C.19999998E-00
0	2	2	0	2	2	0	2	2	C.894427C5E-C1
0	2	2	0	2	2	0	4	4	C.66666657E-01
0	3	3	0	3	3	0	0	0	C.14285713E-00
0	3	3	0	3	3	0	2	2	C.63887645E-C1
0	3	3	0	3	3	0	4	4	C.47619041E-01
0	3	3	0	3	3	0	6	6	C.39621436E-01
0	4	4	0	4	4	0	0	0	C.11111110E-C0
0	4	4	0	4	4	0	2	2	C.4969C393E-C1
0	4	4	0	4	4	0	4	4	C.37C37033E-C1
0	4	4	0	4	4	0	6	6	C.30816673E-01
0	4	4	0	4	4	0	8	8	C.26948399E-01
0	5	5	0	5	5	0	0	0	C.9C909083E-C1
0	5	5	0	5	5	0	2	2	C.4C655777E-C1
0	5	5	0	5	5	0	4	4	C.30303026E-01
0	5	5	0	5	5	0	6	6	C.25213642E-C1
0	5	5	0	5	5	0	8	8	C.22048690E-C1
1	0	1	1	0	1	0	0	0	C.33333330E-00
1	0	1	1	0	1	2	0	2	C.14907118E-00
1	1	0	1	1	0	0	0	0	C.33333329E-00
1	1	0	1	1	0	2	2	0	C.14907118E-00
1	1	1	1	1	1	0	0	0	C.19245007E-00
1	1	1	1	1	1	0	2	2	-C.43033143E-C1
1	1	1	1	1	1	2	0	2	-C.43033145E-01
1	1	1	1	1	1	2	2	0	-C.43033145E-C1
1	1	1	1	1	1	2	2	2	C.50917502E-C1
1	1	2	1	1	2	0	0	0	C.14907118E-C0
1	1	2	1	1	2	0	2	2	C.3944C527E-01
1	1	2	1	1	2	2	0	2	C.3944C528E-01
1	1	2	1	1	2	2	2	0	C.66666662E-C2
1	1	2	1	1	2	2	2	2	-C.66666655E-C2
1	1	2	1	1	2	2	2	4	C.39999995E-C1
1	2	1	1	2	1	0	0	0	C.14907118E-CC
1	2	1	1	2	1	0	2	2	C.3944C528E-C1
1	2	1	1	2	1	2	0	2	C.66666662E-02
1	2	1	1	2	1	2	2	0	C.3944C528E-C1
1	2	1	1	2	1	2	2	2	-C.66666656E-C2

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
1	2	1	1	2	1	2	4	2	C.39999995E-01
1	2	2	1	2	2	0	0	0	C.11547004E-00
1	2	2	1	2	2	0	2	2	C.25819886E-C1
1	2	2	1	2	2	0	4	4	-C.25660007E-01
1	2	2	1	2	2	2	0	2	-C.3055C5C1E-01
1	2	2	1	2	2	2	2	0	-C.3055C5C1E-01
1	2	2	1	2	2	2	2	2	C.21821789E-01
1	2	2	1	2	2	2	2	4	-C.87287145E-02
1	2	2	1	2	2	2	4	2	-C.87287145E-02
1	2	2	1	2	2	2	4	4	C.22745165E-C1
1	2	3	1	2	3	0	0	C	C.97589994E-C1
1	2	3	1	2	3	C	2	2	C.3614C311E-01
1	2	3	1	2	3	0	4	4	C.13592836E-01
1	2	3	1	2	3	2	0	2	C.21380894E-C1
1	2	3	1	2	3	2	2	C	C.73771103E-C2
1	2	3	1	2	3	2	2	2	-0.61C88274E-02
1	2	3	1	2	3	2	2	4	C.18495394E-01
1	2	3	1	2	3	2	4	2	C.10181379E-02
1	2	3	1	2	3	2	4	4	-0.21906839E-02
1	2	3	1	2	3	2	4	6	C.21295882E-01
1	3	2	1	3	2	C	0	C	C.97589994E-01
1	3	2	1	3	2	C	2	2	0.36140312E-01
1	3	2	1	3	2	0	4	4	0.13592836E-01
1	3	2	1	3	2	2	0	2	C.73771104E-C2
1	3	2	1	3	2	2	2	C	C.21380897E-C1
1	3	2	1	3	2	2	2	2	-0.61C88274E-02
1	3	2	1	3	2	2	2	4	C.10181379E-02
1	3	2	1	3	2	2	4	2	C.18495394E-01
1	3	2	1	3	2	2	4	4	-0.21906839E-02
1	3	2	1	3	2	2	6	4	C.21295882E-01
1	3	3	1	3	3	0	0	C	C.82478599E-C1
1	3	3	1	3	3	C	2	2	C.2766416?E-01
1	3	3	1	3	3	C	4	4	C.45821445E-02
1	3	3	1	3	3	C	6	6	-C.1715658?E-C1
1	3	3	1	3	3	2	0	2	-C.22587694E-01
1	3	3	1	3	3	2	2	C	-0.22587694E-01
1	3	3	1	3	3	2	2	2	0.14028291E-01
1	3	3	1	3	3	2	2	4	-C.94383913E-02
1	3	3	1	3	3	2	4	2	-C.94383917E-02
1	3	3	1	3	3	2	4	4	C.12554150E-01

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
1 3 3 1 3 3 2 4 6	-C.358942C2E-C2	1 4 4 1 4 4 2 4 2	-0.82935547E-02
1 3 3 1 3 3 2 6 4	-C.358942C1E-C2	1 4 4 1 4 4 2 4 4	0.86155934E-02
1 3 3 1 3 3 2 6 6	C.13686220E-C1	1 4 4 1 4 4 2 4 6	-C.47605162E-02
1 3 4 1 3 4 C C 0	C.72739286E-01	1 4 4 1 4 4 2 6 4	-0.47605161E-02
1 3 4 1 3 4 C 2 2	C.29429355E-C1	1 4 4 1 4 4 2 6 6	0.86578019E-02
1 3 4 1 3 4 0 4 4	C.16521156E-01	1 4 4 1 4 4 2 6 8	-C.18829299E-02
1 3 4 1 3 4 C 6 6	C.65112106E-02	1 4 4 1 4 4 2 8 6	-C.18829299E-02
1 3 4 1 3 4 2 0 2	C.14417380E-C1	1 4 4 1 4 4 2 8 8	0.93972270E-02
1 3 4 1 3 4 2 2 C	C.664C1581E-02	1 4 5 1 4 5 0 0 0	0.58C25878E-01
1 3 4 1 3 4 2 2 2	-C.49744687E-02	1 4 5 1 4 5 0 2 2	C.24376728E-01
1 3 4 1 3 4 2 2 4	C.113435 34E-C1	1 4 5 1 4 5 0 4 4	0.15429545E-01
1 3 4 1 3 4 2 4 2	C.16430130E-02	1 4 5 1 4 5 0 6 6	0.92407563E-02
1 3 4 1 3 4 2 4 4	-C.26626253E-02	1 4 5 1 4 5 0 8 8	C.36991991E-02
1 3 4 1 3 4 2 4 6	C.12260204E-01	1 4 5 1 4 5 2 0 2	C.1C803831E-01
1 3 4 1 3 4 2 6 4	C.33184201E-03	1 4 5 1 4 5 2 2 C	0.58551010E-02
1 3 4 1 3 4 2 6 6	-C.10388298E-02	1 4 5 1 4 5 2 2 2	-0.41204188E-02
1 3 4 1 3 4 2 6 8	C.13781635E-01	1 4 5 1 4 5 2 2 4	C.79791576E-02
1 4 3 1 4 3 0 0 0	C.72739286E-01	1 4 5 1 4 5 2 4 2	0.18069234E-02
1 4 3 1 4 3 C 2 2	C.29429355E-C1	1 4 5 1 4 5 2 4 4	-0.24866962E-02
1 4 3 1 4 3 C 4 4	C.16521156E-C1	1 4 5 1 4 5 2 4 6	C.82416696E-02
1 4 3 1 4 3 0 6 6	C.65112106E-02	1 4 5 1 4 5 2 6 4	0.65429311E-03
1 4 3 1 4 3 2 C 2	C.66401580E-02	1 4 5 1 4 5 2 6 6	-0.14743140E-02
1 4 3 1 4 3 2 2 C	C.14417380E-C1	1 4 5 1 4 5 2 6 8	0.89536376E-02
1 4 3 1 4 3 2 2 2	-C.49744687E-02	1 4 5 1 4 5 2 8 6	C.14381614E-03
1 4 3 1 4 3 2 2 4	C.16430130E-02	1 4 5 1 4 5 2 8 8	-0.58796503E-03
1 4 3 1 4 3 2 4 2	C.113435 34E-C1	1 5 4 1 5 4 C 0 C	0.58C25878E-01
1 4 3 1 4 3 2 4 4	-C.26626252E-02	1 5 4 1 5 4 0 2 2	C.2437672 8E-01
1 4 3 1 4 3 2 4 6	C.33184201E-03	1 5 4 1 5 4 C 4 4	C.15429545E-01
1 4 3 1 4 3 2 6 4	C.12260204E-C1	1 5 4 1 5 4 0 6 6	0.92407563E-02
1 4 3 1 4 3 2 6 6	-C.10388298E-C2	1 5 4 1 5 4 C 8 8	0.36991991E-02
1 4 3 1 4 3 2 8 6	C.13781635E-01	1 5 4 1 5 4 2 0 2	C.58551010E-02
1 4 4 1 4 4 0 C 0	0.6415C020E-C1	1 5 4 1 5 4 2 2 C	0.10803831E-01
1 4 4 1 4 4 C 2 2	C.24385447E-C1	1 5 4 1 5 4 2 2 2	-0.41204188E-02
1 4 4 1 4 4 0 4 4	C.10691670E-C1	1 5 4 1 5 4 2 2 4	C.18069234E-02
1 4 4 1 4 4 0 6 6	-0.8896C156E-03	1 5 4 1 5 4 2 4 2	0.79791576E-02
1 4 4 1 4 4 C 8 8	-C.12446932E-C1	1 5 4 1 5 4 2 4 4	-0.24866962E-02
1 4 4 1 4 4 2 0 2	-C.1780C909E-C1	1 5 4 1 5 4 2 4 6	0.65429312E-03
1 4 4 1 4 4 2 2 0	-C.1780C908E-C1	1 5 4 1 5 4 2 6 4	C.82416695E-02
1 4 4 1 4 4 2 2 2	C.10425964E-C1	1 5 4 1 5 4 2 6 6	-C.14743148E-02
1 4 4 1 4 4 2 2 4	-C.82935546E-C2	1 5 4 1 5 4 2 6 8	0.14381614E-03

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
1	5	4	1	5	4	2	8	6	C.89536374E-C2	2	1	3	2	1	3	2	2	C	0.737711C3E-02
1	5	4	1	5	4	2	8	8	-C.587965C4E-C3	2	1	3	2	1	3	2	2	2	-0.61C88274E-02
1	5	5	1	5	5	0	0	0	C.52486382E-01	2	1	3	2	1	3	2	2	4	C.18495394E-01
1	5	5	1	5	5	0	2	2	C.21125361E-01	2	1	3	2	1	3	4	0	4	C.13592836E-01
1	5	5	1	5	5	0	4	4	C.11663640E-C1	2	1	3	2	1	3	4	2	2	C.10181379E-02
1	5	5	1	5	5	0	6	6	C.43671305E-02	2	1	3	2	1	3	4	2	4	-C.219C6839E-02
1	5	5	1	5	5	0	8	8	-0.25459632E-02	2	1	3	2	1	3	4	2	6	C.21295883E-01
1	5	5	1	5	5	2	0	2	-C.14658649E-C1	2	2	C	2	2	C	C	0	C	0.19999997E-00
1	5	5	1	5	5	2	2	0	-C.14658649E-C1	2	2	0	2	2	C	2	2	C	0.89442708E-01
1	5	5	1	5	5	2	2	2	C.83319549E-02	2	2	C	2	2	C	4	4	0	C.66666656E-01
1	5	5	1	5	5	2	2	4	-C.7171C047E-C2	2	2	1	2	2	1	C	0	C	C.11547004E-00
1	5	5	1	5	5	2	4	2	-C.7171C047E-C2	2	2	1	2	2	1	C	2	2	-0.30550500E-01
1	5	5	1	5	5	2	4	4	C.657918C3E-C2	2	2	1	2	2	1	2	0	2	-0.30550501E-01
1	5	5	1	5	5	2	4	6	-C.46725873E-C2	2	2	1	2	2	1	2	2	C	C.25819886E-01
1	5	5	1	5	5	2	6	4	-C.46725872E-C2	2	2	1	2	2	1	2	2	2	0.21821785E-01
1	5	5	1	5	5	2	6	6	C.62707772E-C2	2	2	1	2	2	1	2	4	2	-0.87287141E-02
1	5	5	1	5	5	2	6	8	-C.28209599E-02	2	2	1	2	2	1	4	2	2	-0.87287147E-02
1	5	5	1	5	5	2	8	6	-C.28209599E-02	2	2	1	2	2	1	4	4	C	-0.25660007E-01
1	5	5	1	5	5	2	8	8	C.64746448E-02	2	2	1	2	2	1	4	4	2	0.22745166E-01
2	0	2	2	C	2	C	C	0	C.19999997E-00	2	2	2	2	2	2	C	0	0	0.89442709E-01
2	0	2	2	C	2	2	C	2	C.89442705E-01	2	2	2	2	2	2	C	2	2	-C.85714274E-02
2	0	2	2	C	2	4	0	4	C.66666656E-C1	2	2	2	2	2	2	0	4	4	0.85183524E-02
2	1	1	2	1	1	C	0	C	C.14907118E-CC	2	2	2	2	2	2	2	0	2	-0.85714270E-02
2	1	1	2	1	1	0	2	2	C.66666645E-02	2	2	2	2	2	2	2	2	0	-0.85714273E-02
2	1	1	2	1	1	2	0	2	C.3944C528E-C1	2	2	2	2	2	2	2	2	2	C.16734690E-01
2	1	1	2	1	1	2	2	0	C.3944C528E-C1	2	2	2	2	2	2	2	2	4	0.13877540E-01
2	1	1	2	1	1	2	2	2	-C.66666666E-C2	2	2	2	2	2	2	2	4	2	C.13877548E-01
2	1	1	2	1	1	4	2	2	0.39999996E-C1	2	2	2	2	2	2	2	4	4	-C.63815168E-02
2	1	2	2	1	2	C	0	0	C.11547004E-C0	2	2	2	2	2	2	4	0	4	0.85183530E-02
2	1	2	2	1	2	C	2	2	-C.3C55C500E-C1	2	2	2	2	2	2	4	2	2	0.13877548E-01
2	1	2	2	1	2	2	0	2	C.25819885E-01	2	2	2	2	2	2	4	2	4	-C.6381516BE-02
2	1	2	2	1	2	2	2	0	-C.30550502E-01	2	2	2	2	2	2	4	4	C	0.85183530E-02
2	1	2	2	1	2	2	2	2	C.21821786E-C1	2	2	2	2	2	2	4	4	2	-0.63815168E-02
2	1	2	2	1	2	2	2	4	-C.87287141E-C2	2	2	2	2	2	2	4	4	4	0.14552097E-01
2	1	2	2	1	2	4	0	4	-C.2566C008E-01	2	2	3	2	2	3	C	0	C	C.75592883E-01
2	1	2	2	1	2	4	2	2	-C.87287147E-02	2	2	3	2	2	3	0	2	2	0.69985416E-02
2	1	2	2	1	2	4	2	4	C.22745166E-C1	2	2	3	2	2	3	C	4	4	-0.15793448E-01
2	1	3	2	1	3	0	C	0	C.97589996E-C1	2	2	3	2	2	3	2	0	2	C.69985408E-02
2	1	3	2	1	3	0	2	2	C.2138C896E-01	2	2	3	2	2	3	2	2	C	-0.19317809E-01
2	1	3	2	1	3	2	0	2	C.3614C311E-C1	2	2	3	2	2	3	2	2	2	0.99979158E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	2	3	2	2	3	2	2	4	C.12108076E-C1
2	2	3	2	2	3	2	4	2	-C.63320132E-C2
2	2	3	2	2	3	2	4	4	C.86048356E-02
2	2	3	2	2	3	2	4	6	-C.69707135E-02
2	2	3	2	2	3	4	0	4	-C.15793449E-01
2	2	3	2	2	3	4	2	2	-C.63320134E-C2
2	2	3	2	2	3	4	2	4	C.86048357E-02
2	2	3	2	2	3	4	2	6	-C.69707136E-C2
2	2	3	2	2	3	4	4	0	-C.17998305E-C2
2	2	3	2	2	3	4	4	2	C.13026216E-C2
2	2	3	2	2	3	4	4	4	-C.24527554E-C2
2	2	3	2	2	3	4	4	6	C.11617856E-C1
2	2	4	2	2	4	0	0	0	C.66666657E-C1
2	2	4	2	2	4	0	2	2	C.22335510E-01
2	2	4	2	2	4	0	4	4	C.63271208E-C2
2	2	4	2	2	4	2	0	2	C.22335310E-C1
2	2	4	2	2	4	2	2	0	C.85183531E-02
2	2	4	2	2	4	2	2	2	-C.63815168E-02
2	2	4	2	2	4	2	2	4	C.14552097E-C1
2	2	4	2	2	4	2	4	2	C.10635861E-C2
2	2	4	2	2	4	2	4	4	-C.17236207E-02
2	2	4	2	2	4	2	4	6	C.79365065E-C2
2	2	4	2	2	4	4	0	4	C.63271210E-C2
2	2	4	2	2	4	4	2	2	C.10635862E-02
2	2	4	2	2	4	4	2	4	-C.17236209E-02
2	2	4	2	2	4	4	2	6	C.79365067E-C2
2	2	4	2	2	4	4	4	0	C.17636681E-C3
2	2	4	2	2	4	4	4	2	-C.12597626E-03
2	2	4	2	2	4	4	4	4	C.22675733E-C3
2	2	4	2	2	4	4	4	6	-C.88183402E-C3
2	2	4	2	2	4	4	4	8	C.12345676E-01
2	3	1	2	3	1	0	0	0	C.97589994E-C1
2	3	1	2	3	1	0	2	2	C.21380896E-C1
2	3	1	2	3	1	2	0	2	C.737711C1E-C2
2	3	1	2	3	1	2	2	0	C.3614C312E-C1
2	3	1	2	3	1	2	2	2	-C.61C88274E-C2
2	3	1	2	3	1	2	4	2	C.18495394E-C1
2	3	1	2	3	1	4	2	2	C.10181379E-02
2	3	1	2	3	1	4	4	0	C.13592836E-01
2	3	1	2	3	1	4	4	2	-C.21906839E-C2

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	3	1	2	3	1	4	6	2	0.21295882E-01
2	3	2	2	3	2	0	0	0	0.75592883E-01
2	3	2	2	3	2	0	2	2	C.69985416E-02
2	3	2	2	3	2	0	4	4	-C.15793448E-01
2	3	2	2	3	2	2	0	2	-C.19317808E-01
2	3	2	2	3	2	2	2	0	0.69985409E-02
2	3	2	2	3	2	2	2	2	C.99979159E-02
2	3	2	2	3	2	2	2	4	-0.63320132E-02
2	3	2	2	3	2	2	4	2	0.12108077E-01
2	3	2	2	3	2	2	4	4	C.86048356E-02
2	3	2	2	3	2	2	6	4	-0.69707137E-02
2	3	2	2	3	2	4	0	4	-0.17998305E-02
2	3	2	2	3	2	4	2	2	-C.63320134E-02
2	3	2	2	3	2	4	2	4	C.13026217E-02
2	3	2	2	3	2	4	4	C	-C.15793449E-01
2	3	2	2	3	2	4	4	2	0.86048357E-02
2	3	2	2	3	2	4	4	4	-C.24527554E-02
2	3	2	2	3	2	4	6	2	-C.69707134E-02
2	3	2	2	3	2	4	6	4	0.11617856E-01
2	3	3	2	3	3	0	0	0	C.63887645E-01
2	3	3	2	3	3	C	2	2	C.90476176E-02
2	3	3	2	3	3	0	4	4	-C.10647941E-01
2	3	3	2	3	3	C	6	6	C.73830189E-02
2	3	3	2	3	3	2	0	2	-C.10843885E-01
2	3	3	2	3	3	2	2	C	-C.10843886E-01
2	3	3	2	3	3	2	2	2	0.10680270E-01
2	3	3	2	3	3	2	2	4	C.37073263E-02
2	3	3	2	3	3	2	4	2	C.37073263E-02
2	3	3	2	3	3	2	4	4	0.72517239E-02
2	3	3	2	3	3	2	4	6	C.70494812E-02
2	3	3	2	3	3	2	6	4	C.70494813E-02
2	3	3	2	3	3	2	6	6	-C.49776302E-02
2	3	3	2	3	3	4	0	4	0.88986003E-02
2	3	3	2	3	3	4	2	2	0.89342389E-02
2	3	3	2	3	3	4	2	4	-C.55621067E-02
2	3	3	2	3	3	4	2	6	0.18971880E-02
2	3	3	2	3	3	4	4	0	0.88986003E-02
2	3	3	2	3	3	4	4	2	-C.55621067E-02
2	3	3	2	3	3	4	4	4	C.66145898E-02
2	3	3	2	3	3	4	4	6	-C.26109190E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
2 3 3 2 3 3 4 6 2	C.18971879E-02	2 3 5 2 3 5 2 4 6	C.83372281E-02
2 3 3 2 3 3 4 6 4	-C.26109190E-02	2 3 5 2 3 5 2 6 4	0.31350940E-03
2 3 3 2 3 3 4 6 6	C.86533810E-02	2 3 5 2 3 5 2 6 6	-C.70642881E-03
2 3 4 2 3 4 0 0 0	C.56343608E-01	2 3 5 2 3 5 2 6 8	C.42902018E-02
2 3 4 2 3 4 0 2 2	C.13677528E-01	2 3 5 2 3 5 4 0 4	0.38585108E-02
2 3 4 2 3 4 0 4 4	-C.42657437E-02	2 3 5 2 3 5 4 2 2	0.92236055E-03
2 3 4 2 3 4 0 6 6	-C.90784116E-02	2 3 5 2 3 5 4 2 4	-C.12693568E-02
2 3 4 2 3 4 2 0 2	C.18876782E-02	2 3 5 2 3 5 4 2 6	0.42070353E-02
2 3 4 2 3 4 2 2 0	-C.13041011E-01	2 3 5 2 3 5 4 4 0	0.32266489E-03
2 3 4 2 3 4 2 2 2	C.58617978E-02	2 3 5 2 3 5 4 4 2	-0.21650223E-03
2 3 4 2 3 4 2 2 4	C.74260861E-02	2 3 5 2 3 5 4 4 4	C.33093968E-03
2 3 4 2 3 4 2 4 2	-C.69555753E-02	2 3 5 2 3 5 4 4 6	-C.92635863E-03
2 3 4 2 3 4 2 4 4	C.63913571E-02	2 3 5 2 3 5 4 4 8	0.59369063E-02
2 3 4 2 3 4 2 4 6	C.58858707E-02	2 3 5 2 3 5 4 6 2	0.26982593E-04
2 3 4 2 3 4 2 6 4	-C.23896574E-02	2 3 5 2 3 5 4 6 4	-C.34834376E-04
2 3 4 2 3 4 2 6 6	C.44884867E-02	2 3 5 2 3 5 4 6 6	0.90301064E-04
2 3 4 2 3 4 2 6 8	-C.54133184E-02	2 3 5 2 3 5 4 6 8	-0.46921782E-03
2 3 4 2 3 4 4 0 4	-C.10694786E-01	2 4 2 2 4 2 0 0 0	C.66666657E-01
2 3 4 2 3 4 4 2 2	-C.47762796E-02	2 4 2 2 4 2 0 2 2	0.22335310E-01
2 3 4 2 3 4 4 2 4	C.52774896E-02	2 4 2 2 4 2 0 4 4	0.63271209E-02
2 3 4 2 3 4 4 2 6	-C.64801305E-02	2 4 2 2 4 2 2 0 2	C.85183527E-02
2 3 4 2 3 4 4 4 0	-C.26159426E-02	2 4 2 2 4 2 2 2 0	0.22335310E-01
2 3 4 2 3 4 4 4 2	C.17156506E-02	2 4 2 2 4 2 2 2 2	-0.63815168E-02
2 3 4 2 3 4 4 4 4	-C.24460760E-02	2 4 2 2 4 2 2 2 4	0.10635861E-02
2 3 4 2 3 4 4 4 6	0.55886045E-02	2 4 2 2 4 2 2 4 2	C.14552097E-01
2 3 4 2 3 4 4 4 8	-C.33293814E-02	2 4 2 2 4 2 2 4 4	-C.17236208E-02
2 3 4 2 3 4 4 6 2	-C.33025803E-03	2 4 2 2 4 2 2 6 4	0.79365065E-02
2 3 4 2 3 4 4 6 4	C.43448316E-03	2 4 2 2 4 2 4 0 4	C.17636681E-03
2 3 4 2 3 4 4 6 6	-C.11822770E-02	2 4 2 2 4 2 4 2 2	C.10635862E-02
2 3 4 2 3 4 4 6 8	C.74993358E-02	2 4 2 2 4 2 4 2 4	-0.12597629E-03
2 3 5 2 3 5 0 0 0	C.50964713E-01	2 4 2 2 4 2 4 4 0	0.63271210E-02
2 3 5 2 3 5 0 2 2	0.19369570E-01	2 4 2 2 4 2 4 4 2	-0.17236208E-02
2 3 5 2 3 5 0 4 4	0.92340801E-02	2 4 2 2 4 2 4 4 4	0.22675737E-03
2 3 5 2 3 5 0 6 6	C.26195081E-02	2 4 2 2 4 2 4 6 2	0.79365066E-02
2 3 5 2 3 5 2 0 2	C.16039528E-01	2 4 2 2 4 2 4 6 4	-0.88183401E-03
2 3 5 2 3 5 2 2 0	0.78640260E-02	2 4 2 2 4 2 4 8 4	0.12345677E-01
2 3 5 2 3 5 2 2 2	-0.55341630E-02	2 4 3 2 4 3 0 0 0	0.56343608E-01
2 3 5 2 3 5 2 2 4	C.10716860E-01	2 4 3 2 4 3 0 2 2	0.13677528E-01
2 3 5 2 3 5 2 4 2	0.18278739E-02	2 4 3 2 4 3 0 4 4	-C.42657437E-02
2 3 5 2 3 5 2 4 4	-0.25155285E-02	2 4 3 2 4 3 0 6 6	-C.90784116E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
2 4 3 2 4 3 2 0 2	-0.13041011E-01	2 4 4 2 4 4 4 0 4	0.77170216E-02
2 4 3 2 4 3 2 2 0	0.18876782E-02	2 4 4 2 4 4 4 2 2	0.66914026E-02
2 4 3 2 4 3 2 2 2	0.58617978E-02	2 4 4 2 4 4 4 2 4	-0.44598371E-02
2 4 3 2 4 3 2 2 4	-0.69555753E-02	2 4 4 2 4 4 4 2 6	0.27688400E-02
2 4 3 2 4 3 2 4 2	0.74260861E-02	2 4 4 2 4 4 4 4 0	0.77170216E-02
2 4 3 2 4 3 2 4 4	0.63913572E-02	2 4 4 2 4 4 4 4 2	-0.44598370E-02
2 4 3 2 4 3 2 4 6	-0.23896574E-02	2 4 4 2 4 4 4 4 4	0.43634705E-02
2 4 3 2 4 3 2 6 4	0.58858706E-02	2 4 4 2 4 4 4 4 6	-0.28871372E-02
2 4 3 2 4 3 2 6 6	0.44884867E-02	2 4 4 2 4 4 4 4 8	0.75551259E-03
2 4 3 2 4 3 2 8 6	-0.54133185E-02	2 4 4 2 4 4 4 6 2	0.27688399E-02
2 4 3 2 4 3 4 0 4	-0.26159426E-02	2 4 4 2 4 4 4 6 4	-0.28871372E-02
2 4 3 2 4 3 4 2 2	-0.47762796E-02	2 4 4 2 4 4 4 6 6	0.46256253E-02
2 4 3 2 4 3 4 2 4	0.17156506E-02	2 4 4 2 4 4 4 6 8	-0.13971877E-02
2 4 3 2 4 3 4 2 6	-0.33025803E-03	2 4 4 2 4 4 4 8 4	0.75551260E-03
2 4 3 2 4 3 4 4 0	-0.10694786E-01	2 4 4 2 4 4 4 8 6	-0.13971877E-02
2 4 3 2 4 3 4 4 2	0.52774896E-02	2 4 4 2 4 4 4 8 8	0.59471059E-02
2 4 3 2 4 3 4 4 4	-0.24460761E-02	2 4 5 2 4 5 0 0 0	0.44946649E-01
2 4 3 2 4 3 4 4 6	0.43448316E-03	2 4 5 2 4 5 0 2 2	0.14161599E-01
2 4 3 2 4 3 4 6 2	-0.64801304E-02	2 4 5 2 4 5 0 4 4	0.19919458E-02
2 4 3 2 4 3 4 6 4	0.55886044E-02	2 4 5 2 4 5 0 6 6	-0.53683940E-02
2 4 3 2 4 3 4 6 6	-0.11822770E-02	2 4 5 2 4 5 0 8 8	-0.57307744E-02
2 4 3 2 4 3 4 8 4	-0.33293815E-02	2 4 5 2 4 5 2 0 2	-0.
2 4 3 2 4 3 4 8 6	0.74993357E-02	2 4 5 2 4 5 2 2 0	-0.95826578E-02
2 4 4 2 4 4 0 0 0	0.49690393E-01	2 4 5 2 4 5 2 2 2	0.40461713E-02
2 4 4 2 4 4 0 2 2	0.12741700E-01	2 4 5 2 4 5 2 2 4	0.43529870E-02
2 4 4 2 4 4 0 4 4	-0.24737637E-02	2 4 5 2 4 5 2 4 2	-0.59145448E-02
2 4 4 2 4 4 0 6 6	-0.70787487E-02	2 4 5 2 4 5 2 4 4	0.43411329E-02
2 4 4 2 4 4 0 8 8	0.61354060E-02	2 4 5 2 4 5 2 4 6	0.53954388E-02
2 4 4 2 4 4 2 0 2	-0.98373110E-02	2 4 5 2 4 5 2 6 4	-0.34980722E-02
2 4 4 2 4 4 2 2 0	-0.98373110E-02	2 4 5 2 4 5 2 6 6	0.43432446E-02
2 4 4 2 4 4 2 2 2	0.76293533E-02	2 4 5 2 4 5 2 6 8	0.29307657E-02
2 4 4 2 4 4 2 2 4	-0.35255885E-03	2 4 5 2 4 5 2 8 6	-0.11297971E-02
2 4 4 2 4 4 2 4 2	-0.35255885E-03	2 4 5 2 4 5 2 8 8	0.26943944E-02
2 4 4 2 4 4 2 4 4	0.63141270E-02	2 4 5 2 4 5 4 0 4	-0.79400685E-02
2 4 4 2 4 4 2 4 6	0.41688103E-02	2 4 5 2 4 5 4 2 2	-0.38213840E-02
2 4 4 2 4 4 2 6 4	0.41688104E-02	2 4 5 2 4 5 4 2 4	0.38153575E-02
2 4 4 2 4 4 2 6 6	0.34885646E-02	2 4 5 2 4 5 4 2 6	-0.51264557E-02
2 4 4 2 4 4 2 6 8	0.41462433E-02	2 4 5 2 4 5 4 4 0	-0.27145644E-02
2 4 4 2 4 4 2 8 6	0.41462433E-02	2 4 5 2 4 5 4 4 2	0.16813137E-02
2 4 4 2 4 4 2 8 8	-0.39148643E-02	2 4 5 2 4 5 4 4 4	-0.20702876E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	4	5	2	4	5	4	4	6	C.35969593E-02	2	5	4	2	5	4	0	8	8	-C.57307744E-02
2	4	5	2	4	5	4	4	8	-C.38420702E-02	2	5	4	2	5	4	2	0	2	-0.95826577E-02
2	4	5	2	4	5	4	6	2	-C.64514169E-03	2	5	4	2	5	4	2	2	0	-0.
2	4	5	2	4	5	4	6	4	C.72182443E-03	2	5	4	2	5	4	2	2	2	0.40461712E-02
2	4	5	2	4	5	4	6	6	-C.14188089E-02	2	5	4	2	5	4	2	2	4	-C.59145448E-02
2	4	5	2	4	5	4	6	8	C.41669790E-02	2	5	4	2	5	4	2	4	2	0.43529870E-02
2	4	5	2	4	5	4	8	4	-C.11104991E-03	2	5	4	2	5	4	2	4	4	0.43411329E-02
2	4	5	2	4	5	4	8	6	C.19564540E-03	2	5	4	2	5	4	2	4	6	-C.34980722E-02
2	4	5	2	4	5	4	8	8	-0.68217980E-03	2	5	4	2	5	4	2	6	4	0.53954388E-02
2	5	3	2	5	3	0	0	0	C.50964713E-01	2	5	4	2	5	4	2	6	6	0.43432446E-02
2	5	3	2	5	3	0	2	2	C.19369570E-01	2	5	4	2	5	4	2	6	8	-C.11297970E-02
2	5	3	2	5	3	0	4	4	0.92340801E-02	2	5	4	2	5	4	2	8	6	C.29307657E-02
2	5	3	2	5	3	0	6	6	C.26195082E-02	2	5	4	2	5	4	2	8	8	0.26943944E-02
2	5	3	2	5	3	2	0	2	C.78640258E-02	2	5	4	2	5	4	4	0	4	-0.27145644E-02
2	5	3	2	5	3	2	2	0	C.16039529E-01	2	5	4	2	5	4	4	2	2	-0.38213839E-02
2	5	3	2	5	3	2	2	2	-0.55341630E-02	2	5	4	2	5	4	4	2	4	0.16813137E-02
2	5	3	2	5	3	2	2	4	C.18278738E-02	2	5	4	2	5	4	4	2	6	-0.64514170E-03
2	5	3	2	5	3	2	4	2	C.10716860E-01	2	5	4	2	5	4	4	4	0	-0.79400685E-02
2	5	3	2	5	3	2	4	4	-C.25155285E-02	2	5	4	2	5	4	4	4	2	C.38153575E-02
2	5	3	2	5	3	2	4	6	0.31350940E-03	2	5	4	2	5	4	4	4	4	-0.20702875E-02
2	5	3	2	5	3	2	6	4	C.83372281E-02	2	5	4	2	5	4	4	4	6	0.72182442E-03
2	5	3	2	5	3	2	6	6	-C.70642881E-03	2	5	4	2	5	4	4	4	8	-0.11104991E-03
2	5	3	2	5	3	2	8	6	C.42902018E-02	2	5	4	2	5	4	4	6	2	-C.51264556E-02
2	5	3	2	5	3	4	0	4	C.32266489E-03	2	5	4	2	5	4	4	6	4	0.35969593E-02
2	5	3	2	5	3	4	2	2	C.92236055E-03	2	5	4	2	5	4	4	6	6	-0.14188089E-02
2	5	3	2	5	3	4	2	4	-C.21650223E-03	2	5	4	2	5	4	4	6	8	C.19564540E-03
2	5	3	2	5	3	4	2	6	0.26982593E-04	2	5	4	2	5	4	4	8	4	-0.38420703E-02
2	5	3	2	5	3	4	4	0	C.38585109E-02	2	5	4	2	5	4	4	8	6	0.41669790E-02
2	5	3	2	5	3	4	4	2	-C.12693568E-02	2	5	4	2	5	4	4	8	8	-0.68217980E-03
2	5	3	2	5	3	4	4	4	C.33093968E-03	2	5	5	2	5	5	0	0	0	C.40655777E-01
2	5	3	2	5	3	4	4	6	-C.34834375E-04	2	5	5	2	5	5	0	2	2	0.12913750E-01
2	5	3	2	5	3	4	6	2	C.42070352E-02	2	5	5	2	5	5	0	4	4	0.20849118E-02
2	5	3	2	5	3	4	6	4	-C.92635868E-03	2	5	5	2	5	5	0	6	6	-0.43079653E-02
2	5	3	2	5	3	4	6	6	0.90301069E-04	2	5	5	2	5	5	0	8	8	-0.43992881E-02
2	5	3	2	5	3	4	8	4	C.59369063E-02	2	5	5	2	5	5	2	0	2	-0.86120980E-02
2	5	3	2	5	3	4	8	6	-C.46921782E-03	2	5	5	2	5	5	2	2	0	-C.86120982E-02
2	5	4	2	5	4	0	0	0	0.44946650E-01	2	5	5	2	5	5	2	2	2	C.59207451E-02
2	5	4	2	5	4	0	2	2	C.14161599E-01	2	5	5	2	5	5	2	2	4	-0.18055864E-02
2	5	4	2	5	4	0	4	4	C.19919460E-02	2	5	5	2	5	5	2	4	2	-0.18055864E-02
2	5	4	2	5	4	0	6	6	-0.53683940E-02	2	5	5	2	5	5	2	4	4	C.49697128E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	5	5	2	5	5	2	4	6	C.16471141E-C2	3	1	3	3	1	3	2	2	2	C.14C28291E-01
2	5	5	2	5	5	2	6	4	C.16471142E-02	3	1	3	3	1	3	2	2	4	-0.94383912E-02
2	5	5	2	5	5	2	6	6	C.4C506075E-C2	3	1	3	3	1	3	4	0	4	0.45821443E-02
2	5	5	2	5	5	2	6	8	C.345674C5E-C2	3	1	3	3	1	3	4	2	2	-0.94383913E-02
2	5	5	2	5	5	2	8	6	C.34567405E-02	3	1	3	3	1	3	4	2	4	C.12554150E-01
2	5	5	2	5	5	2	8	8	C.17117625E-C2	3	1	3	3	1	3	4	2	6	-0.35894204E-02
2	5	5	2	5	5	4	0	4	C.66295963E-C2	3	1	3	3	1	3	6	0	6	-0.17156585E-01
2	5	5	2	5	5	4	2	2	C.53768446E-02	3	1	3	3	1	3	6	2	4	-C.35894202E-02
2	5	5	2	5	5	4	2	4	-C.36784331E-C2	3	1	3	3	1	3	6	2	6	C.1368622CE-01
2	5	5	2	5	5	4	2	6	C.28352205E-C2	3	1	4	3	1	4	0	0	0	0.72739284E-01
2	5	5	2	5	5	4	4	0	0.66295963E-02	3	1	4	3	1	4	0	2	2	C.14417380E-01
2	5	5	2	5	5	4	4	2	-C.36784331E-02	3	1	4	3	1	4	2	0	2	0.29429354E-01
2	5	5	2	5	5	4	4	4	C.33126321E-C2	3	1	4	3	1	4	2	2	0	0.66401578E-02
2	5	5	2	5	5	4	4	6	-C.25621776E-02	3	1	4	3	1	4	2	2	2	-C.49744689E-02
2	5	5	2	5	5	4	4	8	C.13404610E-C2	3	1	4	3	1	4	2	2	4	0.11343534E-01
2	5	5	2	5	5	4	6	2	C.28352205E-C2	3	1	4	3	1	4	4	0	4	C.16521156E-01
2	5	5	2	5	5	4	6	4	-C.25621776E-02	3	1	4	3	1	4	4	2	2	0.16430129E-02
2	5	5	2	5	5	4	6	6	C.31555117E-C2	3	1	4	3	1	4	4	2	4	-0.26626252E-02
2	5	5	2	5	5	4	6	8	-C.17919128E-C2	3	1	4	3	1	4	4	2	6	0.12260204E-01
2	5	5	2	5	5	4	8	4	C.13404610E-02	3	1	4	3	1	4	6	0	6	0.651121C5E-02
2	5	5	2	5	5	4	8	6	-C.17919128E-C2	3	1	4	3	1	4	6	2	4	C.33184201E-03
2	5	5	2	5	5	4	8	8	C.35393706E-C2	3	1	4	3	1	4	6	2	6	-0.10388299E-02
3	0	3	3	C	3	0	0	0	C.14285712E-C0	3	1	4	3	1	4	6	2	8	C.13781635E-01
3	0	3	3	0	3	2	0	2	C.63887646E-01	3	2	1	3	2	1	0	0	C	0.97589993E-01
3	0	3	3	C	3	4	0	4	C.4761904OE-C1	3	2	1	3	2	1	C	2	2	0.73771096E-02
3	0	3	3	0	3	6	C	6	C.39621436E-01	3	2	1	3	2	1	2	0	2	C.2138C896E-01
3	1	2	3	1	2	0	0	0	C.97589996E-01	3	2	1	3	2	1	2	2	C	0.36140310E-01
3	1	2	3	1	2	0	2	2	C.73771098E-C2	3	2	1	3	2	1	2	2	2	-0.61088274E-02
3	1	2	3	1	2	2	0	2	C.3614C311E-C1	3	2	1	3	2	1	2	4	2	0.10181379E-02
3	1	2	3	1	2	2	2	0	C.2138C896E-01	3	2	1	3	2	1	4	2	2	C.18495394E-01
3	1	2	3	1	2	2	2	2	-C.61C88274E-C2	3	2	1	3	2	1	4	4	C	0.13592837E-01
3	1	2	3	1	2	2	2	4	C.10181379E-C2	3	2	1	3	2	1	4	4	2	-0.219C6839E-02
3	1	2	3	1	2	4	0	4	C.13592836E-01	3	2	1	3	2	1	6	4	2	C.21295882E-01
3	1	2	3	1	2	4	2	2	0.18495394E-01	3	2	2	3	2	2	0	0	C	0.75592887E-01
3	1	2	3	1	2	4	2	4	-C.21906839E-C2	3	2	2	3	2	2	0	2	2	-0.193178C9E-01
3	1	2	3	1	2	6	2	4	C.21295882E-01	3	2	2	3	2	2	0	4	4	-0.17998304E-02
3	1	3	3	1	3	0	0	0	0.82478599E-01	3	2	2	3	2	2	2	0	2	C.69985408E-02
3	1	3	3	1	3	0	2	2	-C.22587694E-C1	3	2	2	3	2	2	2	2	0	0.69985408E-02
3	1	3	3	1	3	2	0	2	C.27664163E-C1	3	2	2	3	2	2	2	2	2	0.99979162E-02
3	1	3	3	1	3	2	2	0	-C.22587694E-01	3	2	2	3	2	2	2	2	4	-C.63320132E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	2	2	3	2	2	2	4	2	-C.63320132E-02
3	2	2	3	2	2	2	4	4	C.13026217E-02
3	2	2	3	2	2	4	0	4	-C.15793449E-01
3	2	2	3	2	2	4	2	2	C.12108077E-01
3	2	2	3	2	2	4	2	4	C.86048358E-02
3	2	2	3	2	2	4	4	0	-C.15793449E-01
3	2	2	3	2	2	4	4	2	C.86048358E-02
3	2	2	3	2	2	4	4	4	-C.24527555E-02
3	2	2	3	2	2	6	2	4	-C.69707137E-02
3	2	2	3	2	2	6	4	2	-C.69707137E-02
3	2	2	3	2	2	6	4	4	C.11617856E-01
3	2	3	3	2	3	0	0	0	C.63887646E-01
3	2	3	3	2	3	0	2	2	-C.10843885E-01
3	2	3	3	2	3	0	4	4	C.88986006E-02
3	2	3	3	2	3	2	0	2	C.90476178E-02
3	2	3	3	2	3	2	2	0	-C.10843886E-01
3	2	3	3	2	3	2	2	2	C.10680270E-01
3	2	3	3	2	3	2	2	4	C.37073266E-02
3	2	3	3	2	3	2	4	2	C.89342389E-02
3	2	3	3	2	3	2	4	4	-C.55621068E-02
3	2	3	3	2	3	2	4	6	C.18971880E-02
3	2	3	3	2	3	4	0	4	-C.10647941E-01
3	2	3	3	2	3	4	2	2	C.37073264E-02
3	2	3	3	2	3	4	2	4	C.72517239E-02
3	2	3	3	2	3	4	2	6	C.70494814E-02
3	2	3	3	2	3	4	4	0	C.88986006E-02
3	2	3	3	2	3	4	4	2	-C.55621065E-02
3	2	3	3	2	3	4	4	4	C.66145901E-02
3	2	3	3	2	3	4	4	6	-C.26109190E-02
3	2	3	3	2	3	6	0	6	C.73830186E-02
3	2	3	3	2	3	6	2	4	C.70494812E-02
3	2	3	3	2	3	6	2	6	-C.49776302E-02
3	2	3	3	2	3	6	4	2	C.18971980E-02
3	2	3	3	2	3	6	4	4	-C.26109189E-02
3	2	3	3	2	3	6	4	6	C.86533811E-02
3	2	4	3	2	4	0	0	0	C.56343609E-01
3	2	4	3	2	4	0	2	2	C.18876785E-02
3	2	4	3	2	4	0	4	4	-C.10694786E-01
3	2	4	3	2	4	2	0	2	C.13677528E-01
3	2	4	3	2	4	2	2	0	-C.13041010E-01

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	2	4	3	2	4	2	2	2	C.58617975E-02
3	2	4	3	2	4	2	2	4	C.74260865E-02
3	2	4	3	2	4	2	4	2	-C.47762796E-02
3	2	4	3	2	4	2	4	4	C.52774896E-02
3	2	4	3	2	4	2	4	6	-C.64801305E-02
3	2	4	3	2	4	4	0	4	-C.42657444E-02
3	2	4	3	2	4	4	2	2	-C.69555756E-02
3	2	4	3	2	4	4	2	4	C.63913576E-02
3	2	4	3	2	4	4	2	6	C.58858709E-02
3	2	4	3	2	4	4	4	0	-C.26159427E-02
3	2	4	3	2	4	4	4	2	C.17156506E-02
3	2	4	3	2	4	4	4	4	-C.24460763E-02
3	2	4	3	2	4	4	4	6	C.55886045E-02
3	2	4	3	2	4	4	4	8	-C.33293813E-02
3	2	4	3	2	4	6	0	6	-C.90784116E-02
3	2	4	3	2	4	6	2	4	-C.23896573E-02
3	2	4	3	2	4	6	2	6	C.44884867E-02
3	2	4	3	2	4	6	2	8	-C.54133188E-02
3	2	4	3	2	4	6	4	2	-C.33025802E-03
3	2	4	3	2	4	6	4	4	C.43448316E-03
3	2	4	3	2	4	6	4	6	-C.11822769E-02
3	2	4	3	2	4	6	4	8	C.74993359E-02
3	2	5	3	2	5	0	0	0	C.50964712E-01
3	2	5	3	2	5	0	2	2	C.16039528E-01
3	2	5	3	2	5	0	4	4	C.38585108E-02
3	2	5	3	2	5	2	0	2	C.19369570E-01
3	2	5	3	2	5	2	2	0	C.78640258E-02
3	2	5	3	2	5	2	2	2	-C.55341631E-02
3	2	5	3	2	5	2	2	4	C.10716860E-01
3	2	5	3	2	5	2	4	2	C.92236050E-03
3	2	5	3	2	5	2	4	4	-C.12693568E-02
3	2	5	3	2	5	2	4	6	C.42070353E-02
3	2	5	3	2	5	4	0	4	C.92340805E-02
3	2	5	3	2	5	4	2	2	C.18278739E-02
3	2	5	3	2	5	4	2	4	-C.25155284E-02
3	2	5	3	2	5	4	2	6	C.83372283E-02
3	2	5	3	2	5	4	4	0	C.32266489E-03
3	2	5	3	2	5	4	4	2	-C.21650223E-03
3	2	5	3	2	5	4	4	4	C.33093969E-03
3	2	5	3	2	5	4	4	6	-C.92635865E-03

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 2 5 3 2 5 4 4 8	C.59369063E-02	3 3 2 3 3 2 4 4 2	C.72517238E-02
3 2 5 3 2 5 6 0 6	C.26195082E-02	3 3 2 3 3 2 4 4 4	C.66145901E-02
3 2 5 3 2 5 6 2 4	C.31350941E-03	3 3 2 3 3 2 4 6 2	C.70494812E-02
3 2 5 3 2 5 6 2 6	-C.70642888E-03	3 3 2 3 3 2 4 6 4	-C.26109190E-02
3 2 5 3 2 5 6 2 8	C.42902018E-02	3 3 2 3 3 2 6 2 4	C.18971880E-02
3 2 5 3 2 5 6 4 2	C.26982594E-04	3 3 2 3 3 2 6 4 2	C.70494812E-02
3 2 5 3 2 5 6 4 4	-C.34834362E-04	3 3 2 3 3 2 6 4 4	-C.26109189E-02
3 2 5 3 2 5 6 4 6	C.90301019E-04	3 3 2 3 3 2 6 6 C	C.73830186E-02
3 2 5 3 2 5 6 4 8	-C.46921787E-03	3 3 2 3 3 2 6 6 2	-C.49776302E-02
3 3 0 3 3 0 C 0 0	C.14285712E-CC	3 3 2 3 3 2 6 6 4	C.86533811E-02
3 3 C 3 3 0 2 2 0	C.63887646E-C1	3 3 3 3 3 3 C 0 C	C.53994917E-01
3 3 0 3 3 0 4 4 0	C.47619041E-C1	3 3 3 3 3 3 C 2 2	-C.4C245435E-02
3 3 0 3 3 0 6 6 0	C.39621436E-C1	3 3 3 3 3 3 C 4 4	-C.29997172E-02
3 3 1 3 3 1 C C C	C.82478599E-C1	3 3 3 3 3 3 0 6 6	-C.24959157E-02
3 3 1 3 3 1 C 2 2	-C.22587694E-C1	3 3 3 3 3 3 2 0 2	-C.4C245434E-02
3 3 1 3 3 1 2 0 2	-C.22587694E-C1	3 3 3 3 3 3 2 2 C	-C.40245433E-02
3 3 1 3 3 1 2 2 C	C.27664163E-C1	3 3 3 3 3 3 2 2 2	C.94424763E-02
3 3 1 3 3 1 2 2 2	C.14C28291E-C1	3 3 3 3 3 3 2 2 4	C.67267095E-02
3 3 1 3 3 1 2 4 2	-C.943839l2E-C2	3 3 3 3 3 3 2 4 2	C.67267095E-02
3 3 1 3 3 1 4 2 2	-C.943839l3E-C2	3 3 3 3 3 3 2 4 4	-C.19736694E-03
3 3 1 3 3 1 4 4 0	C.45821443E-C2	3 3 3 3 3 3 2 4 6	-C.51163355E-02
3 3 1 3 3 1 4 4 2	C.12554150E-C1	3 3 3 3 3 3 2 6 4	-C.51163355E-02
3 3 1 3 3 1 4 6 2	-C.35894205E-C2	3 3 3 3 3 3 2 6 6	C.16256872E-02
3 3 1 3 3 1 6 4 2	-C.358942C2E-C2	3 3 3 3 3 3 4 0 4	-C.29997173E-02
3 3 1 3 3 1 6 6 0	-C.17156585E-C1	3 3 3 3 3 3 4 2 2	C.67267098E-02
3 3 1 3 3 1 6 6 2	C.13686220E-C1	3 3 3 3 3 3 4 2 4	-C.19736683E-03
3 3 2 3 3 2 0 C 0	C.63887646E-C1	3 3 3 3 3 3 4 2 6	-C.51163355E-02
3 3 2 3 3 2 0 2 2	-C.10843885E-01	3 3 3 3 3 3 4 4 0	-C.29997173E-02
3 3 2 3 3 2 C 4 4	C.88986006E-02	3 3 3 3 3 3 4 4 2	-C.19736682E-03
3 3 2 3 3 2 2 0 2	-C.10843886E-C1	3 3 3 3 3 3 4 4 4	C.55744447E-02
3 3 2 3 3 2 2 2 0	C.90476178E-C2	3 3 3 3 3 3 4 4 6	C.45767312E-02
3 3 2 3 3 2 2 2 2	C.10680270E-C1	3 3 3 3 3 3 4 6 2	-C.51163355E-02
3 3 2 3 3 2 2 2 4	C.89342389E-02	3 3 3 3 3 3 4 6 4	C.45767312E-02
3 3 2 3 3 2 2 4 2	C.37C73265E-C2	3 3 3 3 3 3 4 6 6	-C.23336432E-02
3 3 2 3 3 2 2 4 4	-C.55621068E-C2	3 3 3 3 3 3 6 0 6	-C.24959159E-02
3 3 2 3 3 2 2 6 4	C.18971880E-02	3 3 3 3 3 3 6 2 4	-C.51163355E-02
3 3 2 3 3 2 4 0 4	C.88986004E-C2	3 3 3 3 3 3 6 2 6	C.16256872E-02
3 3 2 3 3 2 4 2 2	C.37C73264E-C2	3 3 3 3 3 3 6 4 2	-C.51163355E-02
3 3 2 3 3 2 4 2 4	-C.55621065E-C2	3 3 3 3 3 3 6 4 4	C.45767312E-02
3 3 2 3 3 2 4 4 0	-C.10647941E-C1	3 3 3 3 3 3 6 4 6	-C.23336433E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 3 3 3 3 3 6 6 0	-0.24959159E-02	3 3 4 3 3 4 6 6 2	-0.38590339E-03
3 3 3 3 3 3 6 6 2	0.16256872E-02	3 3 4 3 3 4 6 6 4	0.52955689E-03
3 3 3 3 3 3 6 6 4	-0.23336433E-02	3 3 4 3 3 4 6 6 6	-0.12165728E-02
3 3 3 3 3 3 6 6 6	0.65298951E-02	3 3 4 3 3 4 6 6 8	0.54646301E-02
3 3 4 3 3 4 0 0 0	0.47619041E-01	3 3 5 3 3 5 0 0 0	0.43073043E-01
3 3 4 3 3 4 0 2 2	0.21017494E-02	3 3 5 3 3 5 0 2 2	0.81851378E-02
3 3 4 3 3 4 0 4 4	-0.75381703E-02	3 3 5 3 3 5 0 4 4	-0.52028149E-02
3 3 4 3 3 4 0 6 6	0.69751437E-02	3 3 5 3 3 5 0 6 6	-0.55347212E-02
3 3 4 3 3 4 2 0 2	0.21017493E-02	3 3 5 3 3 5 2 0 2	0.81851375E-02
3 3 4 3 3 4 2 2 0	-0.10647941E-01	3 3 5 3 3 5 2 2 0	-0.80261876E-02
3 3 4 3 3 4 2 2 2	0.72517239E-02	3 3 5 3 3 5 2 2 2	0.28241407E-02
3 3 4 3 3 4 2 2 4	0.66145900E-02	3 3 5 3 3 5 2 2 4	0.72919002E-02
3 3 4 3 3 4 2 4 2	0.17032287E-02	3 3 5 3 3 5 2 4 2	-0.52857702E-02
3 3 4 3 3 4 2 4 4	0.34286980E-02	3 3 5 3 3 5 2 4 4	0.42790011E-02
3 3 4 3 3 4 2 4 6	-0.15886919E-02	3 3 5 3 3 5 2 4 6	0.14181913E-02
3 3 4 3 3 4 2 6 4	0.44505505E-02	3 3 5 3 3 5 2 6 4	-0.17065290E-02
3 3 4 3 3 4 2 6 6	-0.39374249E-02	3 3 5 3 3 5 2 6 6	0.25234856E-02
3 3 4 3 3 4 2 6 8	0.20090710E-02	3 3 5 3 3 5 2 6 8	-0.43786687E-02
3 3 4 3 3 4 4 0 4	-0.75381701E-02	3 3 5 3 3 5 4 0 4	-0.52028149E-02
3 3 4 3 3 4 4 2 2	0.17032288E-02	3 3 5 3 3 5 4 2 2	-0.52857704E-02
3 3 4 3 3 4 4 2 4	0.34286981E-02	3 3 5 3 3 5 4 2 4	0.42790012E-02
3 3 4 3 3 4 4 2 6	-0.15886920E-02	3 3 5 3 3 5 4 2 6	0.14181913E-02
3 3 4 3 3 4 4 4 0	0.77761736E-02	3 3 5 3 3 5 4 4 0	-0.36981907E-02
3 3 4 3 3 4 4 4 2	-0.41676290E-02	3 3 5 3 3 5 4 4 2	0.22624695E-02
3 3 4 3 3 4 4 4 4	0.28578920E-02	3 3 5 3 3 5 4 4 4	-0.26774339E-02
3 3 4 3 3 4 4 4 6	0.42779884E-02	3 3 5 3 3 5 4 4 6	0.40595809E-02
3 3 4 3 3 4 4 4 8	0.43873066E-02	3 3 5 3 3 5 4 4 8	0.40026614E-02
3 3 4 3 3 4 4 6 2	0.21051483E-02	3 3 5 3 3 5 4 6 2	-0.48207901E-03
3 3 4 3 3 4 4 6 4	-0.22102786E-02	3 3 5 3 3 5 4 6 4	0.54016264E-03
3 3 4 3 3 4 4 6 6	0.36231405E-02	3 3 5 3 3 5 4 6 6	-0.10654164E-02
3 3 4 3 3 4 4 6 8	-0.22982050E-02	3 3 5 3 3 5 4 6 8	0.31634665E-02
3 3 4 3 3 4 6 0 6	0.69751438E-02	3 3 5 3 3 5 6 0 6	-0.55347212E-02
3 3 4 3 3 4 6 2 4	0.44505505E-02	3 3 5 3 3 5 6 2 4	-0.17065290E-02
3 3 4 3 3 4 6 2 6	-0.39374250E-02	3 3 5 3 3 5 6 2 6	0.25234856E-02
3 3 4 3 3 4 6 2 8	0.20090710E-02	3 3 5 3 3 5 6 2 8	-0.43786690E-02
3 3 4 3 3 4 6 4 2	0.21051484E-02	3 3 5 3 3 5 6 4 2	-0.48207901E-03
3 3 4 3 3 4 6 4 4	-0.22102787E-02	3 3 5 3 3 5 6 4 4	0.54016263E-03
3 3 4 3 3 4 6 4 6	0.36231406E-02	3 3 5 3 3 5 6 4 6	-0.10654164E-02
3 3 4 3 3 4 6 4 8	-0.22982050E-02	3 3 5 3 3 5 6 4 8	0.31634665E-02
3 3 4 3 3 4 6 6 0	0.60032481E-03	3 3 5 3 3 5 6 6 0	-0.90502370E-04

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	3	5	3	3	5	6	6	2	C.57802996E-04	3	4	2	3	4	2	6	6	0	-0.90784116E-02
3	3	5	3	3	5	6	6	4	-C.77837541E-04	3	4	2	3	4	2	6	6	2	C.44884868E-02
3	3	5	3	3	5	6	6	6	C.17035428E-03	3	4	2	3	4	2	6	6	4	-0.11822769E-02
3	3	5	3	3	5	6	6	8	-C.62683608E-C3	3	4	2	3	4	2	6	8	2	-0.54133188E-02
3	4	1	3	4	1	0	0	0	C.72739284E-01	3	4	2	3	4	2	6	8	4	C.74993359E-02
3	4	1	3	4	1	0	2	2	C.14417380E-C1	3	4	3	3	4	3	0	0	0	C.47619041E-01
3	4	1	3	4	1	2	0	2	C.66401578E-C2	3	4	3	3	4	3	0	2	2	0.21017495E-02
3	4	1	3	4	1	2	2	0	C.29429354E-01	3	4	3	3	4	3	0	4	4	-C.75381704E-02
3	4	1	3	4	1	2	2	2	-C.49744688E-02	3	4	3	3	4	3	0	6	6	C.69751437E-02
3	4	1	3	4	1	2	4	2	C.11343534E-01	3	4	3	3	4	3	2	0	2	-0.10647941E-01
3	4	1	3	4	1	4	2	2	C.16430129E-C2	3	4	3	3	4	3	2	2	0	C.21017493E-02
3	4	1	3	4	1	4	4	0	C.16521156E-01	3	4	3	3	4	3	2	2	2	C.72517239E-02
3	4	1	3	4	1	4	4	2	-C.26626252E-C2	3	4	3	3	4	3	2	2	4	0.17032287E-02
3	4	1	3	4	1	4	6	2	C.12260204E-C1	3	4	3	3	4	3	2	4	2	0.66145899E-02
3	4	1	3	4	1	6	4	2	C.33184201E-03	3	4	3	3	4	3	2	4	4	C.34286980E-02
3	4	1	3	4	1	6	6	0	C.65112104E-C2	3	4	3	3	4	3	2	4	6	C.44505503E-02
3	4	1	3	4	1	6	6	2	-C.10388299E-C2	3	4	3	3	4	3	2	6	4	-0.15886919E-02
3	4	1	3	4	1	6	8	2	C.13781635E-01	3	4	3	3	4	3	2	6	6	-C.39374249E-02
3	4	2	3	4	2	0	0	0	C.56343609E-01	3	4	3	3	4	3	2	8	6	C.20090711E-02
3	4	2	3	4	2	0	2	2	C.18876785E-C2	3	4	3	3	4	3	4	0	4	0.77761735E-02
3	4	2	3	4	2	0	4	4	-C.10694786E-C1	3	4	3	3	4	3	4	2	2	C.17032289E-02
3	4	2	3	4	2	2	0	2	-C.13041010E-01	3	4	3	3	4	3	4	2	4	-C.41676289E-02
3	4	2	3	4	2	2	2	0	C.13677528E-01	3	4	3	3	4	3	4	2	6	C.21051484E-02
3	4	2	3	4	2	2	2	2	C.58617975E-C2	3	4	3	3	4	3	4	4	0	-0.75381702E-02
3	4	2	3	4	2	2	2	4	-C.47762796E-C2	3	4	3	3	4	3	4	4	2	0.34286980E-02
3	4	2	3	4	2	2	4	2	0.74260864E-C2	3	4	3	3	4	3	4	4	4	0.28578920E-02
3	4	2	3	4	2	2	4	4	C.52774896E-C2	3	4	3	3	4	3	4	4	6	-C.22102786E-02
3	4	2	3	4	2	2	6	4	-C.64801306E-C2	3	4	3	3	4	3	4	6	2	-C.15886920E-02
3	4	2	3	4	2	4	0	4	-C.26159427E-C2	3	4	3	3	4	3	4	6	4	C.42779884E-02
3	4	2	3	4	2	4	2	2	-C.69555756E-C2	3	4	3	3	4	3	4	6	6	0.36231405E-02
3	4	2	3	4	2	4	2	4	0.17156506E-C2	3	4	3	3	4	3	4	8	4	C.43873069E-02
3	4	2	3	4	2	4	4	0	-0.42657445E-C2	3	4	3	3	4	3	4	8	6	-C.22982051E-02
3	4	2	3	4	2	4	4	2	C.63913576E-C2	3	4	3	3	4	3	6	0	6	0.60032481E-03
3	4	2	3	4	2	4	4	4	-C.24460763E-C2	3	4	3	3	4	3	6	2	4	0.21051483E-02
3	4	2	3	4	2	4	6	2	C.58858708E-02	3	4	3	3	4	3	6	2	6	-C.38590337E-03
3	4	2	3	4	2	4	6	4	C.55886046E-C2	3	4	3	3	4	3	6	4	2	C.44505503E-02
3	4	2	3	4	2	4	8	4	-C.33293813E-C2	3	4	3	3	4	3	6	4	4	-C.22102787E-02
3	4	2	3	4	2	6	2	4	-C.33025802E-C3	3	4	3	3	4	3	6	4	6	C.52955689E-03
3	4	2	3	4	2	6	4	2	-C.23896575E-C2	3	4	3	3	4	3	6	6	0	0.69751438E-02
3	4	2	3	4	2	6	4	4	C.43448316E-C3	3	4	3	3	4	3	6	6	2	-C.39374250E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 4 3 3 4 3 6 6 4	C.362314C5E-C2	3 4 4 3 4 4 6 2 6	0.2C211035E-02
3 4 3 3 4 3 6 6 6	-C.12165728E-C2	3 4 4 3 4 4 6 2 8	-C.58289061E-03
3 4 3 3 4 3 6 8 2	0.2009C711E-02	3 4 4 3 4 4 6 4 2	-C.39186195E-02
3 4 3 3 4 3 6 8 4	-C.22982050E-C2	3 4 4 3 4 4 6 4 4	0.30240727E-02
3 4 3 3 4 3 6 8 6	C.54646301E-02	3 4 4 3 4 4 6 4 6	-C.22107324E-02
3 4 4 3 4 4 0 0 0	C.41996046E-C1	3 4 4 3 4 4 6 4 8	0.63740739E-03
3 4 4 3 4 4 0 2 2	C.40733255E-C2	3 4 4 3 4 4 6 6 0	-0.34174991E-02
3 4 4 3 4 4 0 4 4	-C.66357385E-02	3 4 4 3 4 4 6 6 2	C.2C211035E-02
3 4 4 3 4 4 0 6 6	C.18C0C845E-02	3 4 4 3 4 4 6 6 4	-0.22107324E-02
3 4 4 3 4 4 0 8 8	-C.25926819E-C2	3 4 4 3 4 4 6 6 6	0.3047284JE-02
3 4 4 3 4 4 2 0 2	-C.58C78481E-C2	3 4 4 3 4 4 6 6 8	-C.12443510E-02
3 4 4 3 4 4 2 2 0	-C.58C78481E-C2	3 4 4 3 4 4 6 8 2	-0.58289061E-03
3 4 4 3 4 4 2 2 2	C.6911C171E-C2	3 4 4 3 4 4 6 8 4	0.63740739E-03
3 4 4 3 4 4 2 2 4	C.35311203E-C2	3 4 4 3 4 4 6 8 6	-C.12443510E-02
3 4 4 3 4 4 2 4 2	C.35311203E-02	3 4 4 3 4 4 6 8 8	C.44443199E-02
3 4 4 3 4 4 2 4 4	C.37978181E-C2	3 4 5 3 4 5 0 0 0	0.37986854E-01
3 4 4 3 4 4 2 4 6	C.26878057E-02	3 4 5 3 4 5 0 2 2	C.66419911E-02
3 4 4 3 4 4 2 6 4	C.26878057E-02	3 4 5 3 4 5 0 4 4	-C.46990038E-02
3 4 4 3 4 4 2 6 6	-C.18897381E-C2	3 4 5 3 4 5 0 6 6	-0.29665790E-02
3 4 4 3 4 4 2 6 8	-C.37513819E-02	3 4 5 3 4 5 0 8 8	C.52159568E-02
3 4 4 3 4 4 2 8 6	-C.37513819E-C2	3 4 5 3 4 5 2 0 2	-0.33316681E-03
3 4 4 3 4 4 2 8 8	C.15982366E-02	3 4 5 3 4 5 2 2 C	-0.88860641E-02
3 4 4 3 4 4 4 0 4	C.86713579E-C3	3 4 5 3 4 5 2 2 2	C.51415867E-02
3 4 4 3 4 4 4 2 2	C.4792C856E-C2	3 4 5 3 4 5 2 2 4	0.4636081?E-02
3 4 4 3 4 4 4 2 4	-C.16329180E-C2	3 4 5 3 4 5 2 4 2	-C.13492589E-02
3 4 4 3 4 4 4 2 6	-C.33186693E-C2	3 4 5 3 4 5 2 4 4	0.40934827E-02
3 4 4 3 4 4 4 4 0	C.86713580E-C3	3 4 5 3 4 5 2 4 6	0.27412459E-02
3 4 4 3 4 4 4 4 2	-0.16329179E-02	3 4 5 3 4 5 2 6 4	C.2815810CE-02
3 4 4 3 4 4 4 4 4	C.36305356E-C2	3 4 5 3 4 5 2 6 6	0.67060389E-03
3 4 4 3 4 4 4 4 6	C.12673523E-02	3 4 5 3 4 5 2 6 8	-C.2346941?E-02
3 4 4 3 4 4 4 4 8	-C.24619380E-C2	3 4 5 3 4 5 2 8 6	0.2456978CE-02
3 4 4 3 4 4 4 6 2	-C.33186693E-C2	3 4 5 3 4 5 2 8 8	-0.27922617E-02
3 4 4 3 4 4 4 6 4	0.12673523E-02	3 4 5 3 4 5 4 0 4	-C.50590619E-02
3 4 4 3 4 4 4 6 6	C.32671005E-C2	3 4 5 3 4 5 4 2 2	0.1060028CE-02
3 4 4 3 4 4 4 6 8	C.28259512E-C2	3 4 5 3 4 5 4 2 4	0.19290443E-02
3 4 4 3 4 4 4 8 4	-0.24619380E-C2	3 4 5 3 4 5 4 2 6	-C.29814955E-02
3 4 4 3 4 4 4 8 6	C.28259513E-C2	3 4 5 3 4 5 4 4 0	0.58122634E-02
3 4 4 3 4 4 4 8 8	-C.20047689E-C2	3 4 5 3 4 5 4 4 2	-C.28572094E-02
3 4 4 3 4 4 6 0 6	-C.34174991E-02	3 4 5 3 4 5 4 4 4	0.14259353E-02
3 4 4 3 4 4 6 2 4	-C.39186195E-C2	3 4 5 3 4 5 4 4 6	0.27914950E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 4 5 3 4 5 4 4 8	0.540836 70E-03	3 5 2 3 5 2 4 4 4	0.33093969E-03
3 4 5 3 4 5 4 6 2	0.28511025E-02	3 5 2 3 5 2 4 6 2	0.83372281E-02
3 4 5 3 4 5 4 6 4	-0.24094100E-02	3 5 2 3 5 2 4 6 4	-0.92635865E-03
3 4 5 3 4 5 4 6 6	0.23338163E-02	3 5 2 3 5 2 4 8 4	0.59369063E-02
3 4 5 3 4 5 4 6 8	0.26265178E-02	3 5 2 3 5 2 6 2 4	0.26982594E-04
3 4 5 3 4 5 4 8 4	0.81780898E-03	3 5 2 3 5 2 6 4 2	0.31350941E-03
3 4 5 3 4 5 4 8 6	-0.11059652E-02	3 5 2 3 5 2 6 4 4	-0.34834362E-04
3 4 5 3 4 5 4 8 8	0.22642487E-02	3 5 2 3 5 2 6 6 0	0.26195082E-02
3 4 5 3 4 5 6 0 6	0.56321139E-02	3 5 2 3 5 2 6 6 2	-0.70642888E-03
3 4 5 3 4 5 6 2 4	0.32660354E-02	3 5 2 3 5 2 6 6 4	0.90301019E-04
3 4 5 3 4 5 6 2 6	-0.29687770E-02	3 5 2 3 5 2 6 8 2	0.42902018E-02
3 4 5 3 4 5 6 2 8	0.26384830E-02	3 5 2 3 5 2 6 8 4	-0.46921788E-03
3 4 5 3 4 5 6 4 2	0.19100942E-02	3 5 3 3 5 3 0 0 0	0.43073044E-01
3 4 5 3 4 5 6 4 4	-0.17662037E-02	3 5 3 3 5 3 0 2 2	0.81851378E-02
3 4 5 3 4 5 6 4 6	0.23282278E-02	3 5 3 3 5 3 0 4 4	-0.52028149E-02
3 4 5 3 4 5 6 4 8	-0.22947063E-02	3 5 3 3 5 3 0 6 6	-0.55347212E-02
3 4 5 3 4 5 6 6 0	0.10700461E-02	3 5 3 3 5 3 2 0 2	-0.80261876E-02
3 4 5 3 4 5 6 6 2	-0.64697869E-03	3 5 3 3 5 3 2 2 0	0.81851376E-02
3 4 5 3 4 5 6 6 4	0.75669506E-03	3 5 3 3 5 3 2 2 2	0.28241407E-02
3 4 5 3 4 5 6 6 6	-0.12622117E-02	3 5 3 3 5 3 2 2 4	-0.52857702E-02
3 4 5 3 4 5 6 6 8	0.26680810E-02	3 5 3 3 5 3 2 4 2	0.72919001E-02
3 4 5 3 4 5 6 8 2	0.12088933E-03	3 5 3 3 5 3 2 4 4	0.42790011E-02
3 4 5 3 4 5 6 8 4	-0.12972472E-03	3 5 3 3 5 3 2 4 6	-0.17065290E-02
3 4 5 3 4 5 6 8 6	0.24126096E-03	3 5 3 3 5 3 2 6 4	0.14181913E-02
3 4 5 3 4 5 6 8 8	-0.70587473E-03	3 5 3 3 5 3 2 6 6	0.25234856E-02
3 5 2 3 5 2 0 0 0	0.50964713E-01	3 5 3 3 5 3 2 8 6	-0.43786688E-02
3 5 2 3 5 2 0 2 2	0.16039528E-01	3 5 3 3 5 3 4 0 4	-0.36981907E-02
3 5 2 3 5 2 0 4 4	0.38585108E-02	3 5 3 3 5 3 4 2 2	-0.52857704E-02
3 5 2 3 5 2 2 0 2	0.78640258E-02	3 5 3 3 5 3 4 2 4	0.22624694E-02
3 5 2 3 5 2 2 2 0	0.19369570E-01	3 5 3 3 5 3 4 2 6	-0.48207901E-03
3 5 2 3 5 2 2 2 2	-0.55341630E-02	3 5 3 3 5 3 4 4 0	-0.52028150E-02
3 5 2 3 5 2 2 2 4	0.92236052E-03	3 5 3 3 5 3 4 4 2	0.42790012E-02
3 5 2 3 5 2 2 4 2	0.10716860E-01	3 5 3 3 5 3 4 4 4	-0.26774338E-02
3 5 2 3 5 2 2 4 4	-0.12693568E-02	3 5 3 3 5 3 4 4 6	0.54016263E-03
3 5 2 3 5 2 2 6 4	0.42070353E-02	3 5 3 3 5 3 4 6 2	0.14181913E-02
3 5 2 3 5 2 4 0 4	0.32266489E-03	3 5 3 3 5 3 4 6 4	0.40595809E-02
3 5 2 3 5 2 4 2 2	0.18276739E-02	3 5 3 3 5 3 4 6 6	-0.10654164E-02
3 5 2 3 5 2 4 2 4	-0.21650222E-03	3 5 3 3 5 3 4 8 4	0.40026614E-02
3 5 2 3 5 2 4 4 0	0.92340808E-02	3 5 3 3 5 3 4 8 6	0.31634665E-02
3 5 2 3 5 2 4 4 2	-0.25155284E-02	3 5 3 3 5 3 6 0 6	-0.90502370E-04

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 5 3 3 5 3 6 2 4	-C.48207901E-C3	3 5 4 3 5 4 4 6 6	0.23338163E-02
3 5 3 3 5 3 6 2 6	C.57802997E-C4	3 5 4 3 5 4 4 6 8	-0.11059652E-02
3 5 3 3 5 3 6 4 2	-C.17065290E-02	3 5 4 3 5 4 4 8 4	C.54C83671E-03
3 5 3 3 5 3 6 4 4	0.54016262E-C3	3 5 4 3 5 4 4 8 6	0.26265178E-02
3 5 3 3 5 3 6 4 6	-C.77837537E-C4	3 5 4 3 5 4 4 8 8	0.22642487E-02
3 5 3 3 5 3 6 6 0	-0.55347212E-02	3 5 4 3 5 4 6 0 6	C.10700461E-02
3 5 3 3 5 3 6 6 2	0.25234856E-02	3 5 4 3 5 4 6 2 4	C.1910094 2E-02
3 5 3 3 5 3 6 6 4	-C.10654163E-C2	3 5 4 3 5 4 6 2 6	-0.64697869E-03
3 5 3 3 5 3 6 6 6	C.17035428E-03	3 5 4 3 5 4 6 2 8	0.12088933E-03
3 5 3 3 5 3 6 8 2	-C.43786690E-02	3 5 4 3 5 4 6 4 2	C.32860354E-02
3 5 3 3 5 3 6 8 4	C.31634665E-C2	3 5 4 3 5 4 6 4 4	-0.17662037E-02
3 5 3 3 5 3 6 8 6	-C.62683608E-C3	3 5 4 3 5 4 6 4 6	0.75669506E-03
3 5 4 3 5 4 0 0 0	C.37986854E-01	3 5 4 3 5 4 6 4 8	-C.12972472E-03
3 5 4 3 5 4 0 2 2	0.66419911E-02	3 5 4 3 5 4 6 6 C	C.56321139E-02
3 5 4 3 5 4 0 4 4	-C.4699C038E-C2	3 5 4 3 5 4 6 6 2	-0.29687770E-02
3 5 4 3 5 4 0 6 6	-C.29665790E-C2	3 5 4 3 5 4 6 6 4	C.23282278E-02
3 5 4 3 5 4 0 8 8	C.52159568E-C2	3 5 4 3 5 4 6 6 6	-C.12622117E-02
3 5 4 3 5 4 2 0 2	-C.88860641E-02	3 5 4 3 5 4 6 6 8	0.24126095E-03
3 5 4 3 5 4 2 2 0	-C.33316681E-C3	3 5 4 3 5 4 6 8 2	0.26384830E-02
3 5 4 3 5 4 2 2 2	C.51415867E-C2	3 5 4 3 5 4 6 8 4	-0.22947063E-02
3 5 4 3 5 4 2 2 4	-C.13492589E-C2	3 5 4 3 5 4 6 8 6	0.26680811E-02
3 5 4 3 5 4 2 4 2	C.46360817E-C2	3 5 4 3 5 4 6 8 8	-0.70587473E-03
3 5 4 3 5 4 2 4 4	C.40934827E-C2	3 5 5 3 5 5 0 0 0	0.34360402E-01
3 5 4 3 5 4 2 4 6	C.28158100E-02	3 5 5 3 5 5 0 2 2	C.69345979E-02
3 5 4 3 5 4 2 6 4	C.27412459E-C2	3 5 5 3 5 5 0 4 4	-0.33773042E-02
3 5 4 3 5 4 2 6 6	C.67C6C390E-C3	3 5 5 3 5 5 0 6 6	-0.36164596E-02
3 5 4 3 5 4 2 6 8	C.24569780E-02	3 5 5 3 5 5 0 8 8	0.28206103E-02
3 5 4 3 5 4 2 8 6	-C.23469415E-02	3 5 5 3 5 5 2 0 2	-0.58263059E-02
3 5 4 3 5 4 2 8 8	-C.27922617E-C2	3 5 5 3 5 5 2 2 C	-0.5826305 8E-02
3 5 4 3 5 4 4 0 4	C.58122633E-C2	3 5 5 3 5 5 2 2 2	0.52964874E-02
3 5 4 3 5 4 4 2 2	C.1060C282E-02	3 5 5 3 5 5 2 2 4	C.11864243E-02
3 5 4 3 5 4 4 2 4	-C.28572094E-02	3 5 5 3 5 5 2 4 2	0.11864243E-02
3 5 4 3 5 4 4 2 6	C.28511026E-C2	3 5 5 3 5 5 2 4 4	0.39514790E-02
3 5 4 3 5 4 4 4 0	-C.50590620E-02	3 5 5 3 5 5 2 4 6	0.31059934E-02
3 5 4 3 5 4 4 4 2	0.19290443E-02	3 5 5 3 5 5 2 6 4	C.31059934E-02
3 5 4 3 5 4 4 4 4	C.14259354E-C2	3 5 5 3 5 5 2 6 6	0.11714042E-02
3 5 4 3 5 4 4 4 6	-C.24094100E-C2	3 5 5 3 5 5 2 6 8	0.61861183E-03
3 5 4 3 5 4 4 4 8	C.81780898E-03	3 5 5 3 5 5 2 8 6	C.61861182E-03
3 5 4 3 5 4 4 6 2	-C.29814954E-02	3 5 5 3 5 5 2 8 8	-0.19051276E-02
3 5 4 3 5 4 4 6 4	C.27914950E-C2	3 5 5 3 5 5 4 0 4	0.20752052E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5	5	3	5	5	4	2	2	C.37657601E-02										
3	5	5	3	5	5	4	2	4	-C.18126239E-02										
3	5	5	3	5	5	4	2	6	-C.15018970E-02										
3	5	5	3	5	5	4	4	0	C.20752052E-02										
3	5	5	3	5	5	4	4	2	-C.18126238E-02										
3	5	5	3	5	5	4	4	4	C.25902125E-02										
3	5	5	3	5	5	4	4	6	-C.14101380E-03										
3	5	5	3	5	5	4	4	8	-C.24852811E-02										
3	5	5	3	5	5	4	6	2	-C.15018970E-02										
3	5	5	3	5	5	4	6	4	-C.14101379E-03										
3	5	5	3	5	5	4	6	6	C.26421718E-02										
3	5	5	3	5	5	4	6	8	C.14595054E-02										
3	5	5	3	5	5	4	8	4	-C.24852811E-02										
3	5	5	3	5	5	4	8	6	C.14595054E-02										
3	5	5	3	5	5	4	8	8	C.20070878E-02										
3	5	5	3	5	5	6	0	6	-C.33962923E-02										
3	5	5	3	5	5	6	2	4	-C.31739883E-02										
3	5	5	3	5	5	6	2	6	C.19088777E-02										
3	5	5	3	5	5	6	2	8	-C.10538887E-02										
3	5	5	3	5	5	6	4	2	-C.31739883E-02										
3	5	5	3	5	5	6	4	4	C.23132689E-02										
3	5	5	3	5	5	6	4	6	-C.18385231E-02										
3	5	5	3	5	5	6	4	8	C.98210944E-03										
3	5	5	3	5	5	6	6	0	-C.33962923E-02										
3	5	5	3	5	5	6	6	2	C.19088777E-02										
3	5	5	3	5	5	6	6	4	-C.18385231E-02										
3	5	5	3	5	5	6	6	6	C.20382082E-02										
3	5	5	3	5	5	6	6	8	-C.13916332E-02										
3	5	5	3	5	5	6	8	2	-C.10538887E-02										
3	5	5	3	5	5	6	8	4	C.98210944E-03										
3	5	5	3	5	5	6	8	6	-C.13916332E-02										
3	5	5	3	5	5	6	8	8	C.23365452E-02										

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
1 1 1 1 1 2 0 2 2	C.57735019E-01	1 4 3 1 4 4 2 4 4	-0.37571438E-02
1 1 1 1 1 2 2 0 2	-0.57735022E-01	1 4 3 1 4 4 2 4 6	C.15868387E-02
1 1 1 1 1 2 2 2 2	C.	1 4 3 1 4 4 2 6 4	-0.64874900E-02
1 2 1 1 2 2 0 2 2	C.3944C526E-01	1 4 3 1 4 4 2 6 6	-0.27372441E-02
1 2 1 1 2 2 2 0 2	C.19999998E-01	1 4 3 1 4 4 2 8 6	-C.4C348498E-02
1 2 1 1 2 2 2 2 2	-0.13333332E-01	1 4 4 1 4 5 0 2 2	0.97095865E-02
1 2 1 1 2 2 2 4 2	-0.13333332E-01	1 4 4 1 4 5 0 4 4	0.12061831E-01
1 2 2 1 2 3 0 2 2	C.27602617E-01	1 4 4 1 4 5 C 6 6	0.12043260E-01
1 2 2 1 2 3 0 4 4	C.24246429E-01	1 4 4 1 4 5 0 8 8	C.84440053E-02
1 2 2 1 2 3 2 0 2	-C.32659858E-01	1 4 4 1 4 5 2 0 2	-0.17213257E-01
1 2 2 1 2 3 2 2 2	C.23328470E-C2	1 4 4 1 4 5 2 2 2	0.24618293E-02
1 2 2 1 2 3 2 2 4	-C.16495720E-C1	1 4 4 1 4 5 2 2 4	-C.93563916E-02
1 2 2 1 2 3 2 4 2	0.23328470E-02	1 4 4 1 4 5 2 4 2	0.31187972E-02
1 2 2 1 2 3 2 4 4	-C.21492160E-C2	1 4 4 1 4 5 2 4 4	-0.48598495E-03
1 3 2 1 3 3 0 2 2	C.20203048E-C1	1 4 4 1 4 5 2 4 6	-0.71607824E-02
1 3 2 1 3 3 0 4 4	0.21492162E-01	1 4 4 1 4 5 2 6 4	C.15344533E-02
1 3 2 1 3 3 2 0 2	0.16495720E-01	1 4 4 1 4 5 2 6 6	-0.12352111E-02
1 3 2 1 3 3 2 2 2	-C.85373460E-C2	1 4 4 1 4 5 2 6 8	-0.51095225E-02
1 3 2 1 3 3 2 2 4	0.40245435E-02	1 4 4 1 4 5 2 8 6	C.45519244E-03
1 3 2 1 3 3 2 4 2	-0.10339239E-01	1 4 4 1 4 5 2 8 8	-C.10625140E-02
1 3 2 1 3 3 2 4 4	-0.50224743E-C2	1 5 4 1 5 5 0 2 2	0.79791569E-02
1 3 2 1 3 3 2 6 4	-C.67343493E-C2	1 5 4 1 5 5 0 4 4	0.10101008E-01
1 3 3 1 3 4 0 2 2	C.15368979E-C1	1 5 4 1 5 5 0 6 6	0.10586616E-01
1 3 3 1 3 4 0 4 4	C.17746568E-C1	1 5 4 1 5 5 0 8 8	0.90611500E-02
1 3 3 1 3 4 0 6 6	C.13344011E-01	1 5 4 1 5 5 2 0 2	0.11499190E-01
1 3 3 1 3 4 2 0 2	-C.22587694E-C1	1 5 4 1 5 5 2 2 2	-0.47205334E-02
1 3 3 1 3 4 2 2 2	0.25978315E-02	1 5 4 1 5 5 2 2 4	C.41401815E-02
1 3 3 1 3 4 2 2 4	-C.12184910E-C1	1 5 4 1 5 5 2 4 2	-0.60941821E-02
1 3 3 1 3 4 2 4 2	C.31461303E-C2	1 5 4 1 5 5 2 4 4	-0.28488686E-02
1 3 3 1 3 4 2 4 4	-C.11440472E-02	1 5 4 1 5 5 2 4 6	C.19988985E-02
1 3 3 1 3 4 2 4 6	-0.83753139E-02	1 5 4 1 5 5 2 6 4	-0.53954390E-02
1 3 3 1 3 4 2 6 4	C.92678431E-03	1 5 4 1 5 5 2 6 6	-0.22922680E-02
1 3 3 1 3 4 2 6 6	-0.15206911E-02	1 5 4 1 5 5 2 6 8	C.79262134E-03
1 4 3 1 4 4 0 2 2	C.12062446E-01	1 5 4 1 5 5 2 8 6	-0.43961487E-02
1 4 3 1 4 4 0 4 4	C.14570290E-C1	1 5 4 1 5 5 2 8 8	-0.17402589E-02
1 4 3 1 4 4 0 6 6	0.13344011E-01	1 5 5 1 5 6 0 2 2	0.66709025E-02
1 4 3 1 4 4 2 0 2	0.13608274E-01	1 5 5 1 5 6 0 4 4	0.85587717E-02
1 4 3 1 4 4 2 2 2	-C.61167764E-C2	1 5 5 1 5 6 0 6 6	0.92508774E-02
1 4 3 1 4 4 2 2 4	0.43470038E-02	1 5 5 1 5 6 0 8 8	C.86482076E-02
1 4 3 1 4 4 2 4 2	-0.77491093E-02	1 5 5 1 5 6 2 0 2	-0.13886591E-01

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
1 5 5 1 5 6 2 2 2	C.22551765E-02	2 2 3 2 2 4 0 4 4	C.11771741E-01
1 5 5 1 5 6 2 2 4	-0.75172555E-02	2 2 3 2 2 4 2 0 2	-0.20203047E-01
1 5 5 1 5 6 2 4 2	C.29114205E-02	2 2 3 2 2 4 2 2 2	C.
1 5 5 1 5 6 2 4 4	-C.13793714E-03	2 2 3 2 2 4 2 2 4	-0.58207661E-10
1 5 5 1 5 6 2 4 6	-0.59387546E-02	2 2 3 2 2 4 2 4 2	C.22447830E-02
1 5 5 1 5 6 2 6 4	C.17143708E-02	2 2 3 2 2 4 2 4 4	-0.22447829E-02
1 5 5 1 5 6 2 6 6	-C.84338816E-03	2 2 3 2 2 4 2 4 6	0.939C6013E-02
1 5 5 1 5 6 2 6 8	-0.47911623E-02	2 2 3 2 2 4 4 0 4	-C.11771742E-01
1 5 5 1 5 6 2 8 6	0.85366133E-03	2 2 3 2 2 4 4 2 2	-0.22447830E-02
1 5 5 1 5 6 2 8 8	-C.1C309347E-02	2 2 3 2 2 4 4 2 4	0.22447830E-02
2 1 1 2 1 2 0 2 2	-C.19999997E-01	2 2 3 2 2 4 4 2 6	-C.939C6013E-02
2 1 1 2 1 2 2 0 2	-C.3944C527E-01	2 2 3 2 2 4 4 4 2	C.
2 1 1 2 1 2 2 2 2	C.13333331E-01	2 2 3 2 2 4 4 4 4	0.12732925E-10
2 1 1 2 1 2 4 2 2	C.13333332E-01	2 2 3 2 2 4 4 4 6	C.58207661E-10
2 1 2 2 1 3 0 2 2	C.32659858E-01	2 3 1 2 3 2 0 2 2	C.26186142E-01
2 1 2 2 1 3 2 0 2	-C.27602618E-01	2 3 1 2 3 2 2 0 2	0.18070155E-01
2 1 2 2 1 3 2 2 2	-C.23328467E-02	2 3 1 2 3 2 2 2 2	-0.11222632E-01
2 1 2 2 1 3 2 2 4	0.16495720E-01	2 3 1 2 3 2 2 4 2	C.75507126E-02
2 1 2 2 1 3 4 0 4	-0.24246428E-01	2 3 1 2 3 2 4 2 2	C.33252245E-02
2 1 2 2 1 3 4 2 2	-C.23328470E-02	2 3 1 2 3 2 4 4 2	-0.40245435E-02
2 1 2 2 1 3 4 2 4	C.21492162E-02	2 3 1 2 3 2 4 6 2	-0.86940072E-02
2 2 1 2 2 2 0 2 2	0.19999997E-01	2 3 2 2 3 3 0 2 2	C.19999997E-01
2 2 1 2 2 2 2 0 2	-C.19999997E-01	2 3 2 2 3 3 0 4 4	0.17462298E-09
2 2 1 2 2 2 2 2 2	C.34924597E-09	2 3 2 2 3 3 2 0 2	-0.59148465E-02
2 2 1 2 2 2 2 4 2	C.13333331E-01	2 3 2 2 3 3 2 2 2	-C.34693871E-02
2 2 1 2 2 2 4 2 2	-0.13333331E-01	2 3 2 2 3 3 2 2 4	-C.91394737E-02
2 2 1 2 2 2 4 4 2	-C.87311491E-10	2 3 2 2 3 3 2 4 2	-0.24715510E-02
2 2 2 2 2 3 0 2 2	C.22857138E-01	2 3 2 2 3 3 2 4 4	C.3726CC30E-02
2 2 2 2 2 3 0 4 4	-C.15058462E-01	2 3 2 2 3 3 2 6 4	C.80490868E-02
2 2 2 2 2 3 2 0 2	-C.22857139E-01	2 3 2 2 3 3 4 0 4	-0.51956632E-02
2 2 2 2 2 3 2 2 2	C.	2 3 2 2 3 3 4 2 2	-0.82312910E-02
2 2 2 2 2 3 2 2 4	-0.87311491E-10	2 3 2 2 3 3 4 2 4	0.31962932E-02
2 2 2 2 2 3 2 4 2	-C.85714269E-02	2 3 2 2 3 3 4 4 2	0.13173411E-02
2 2 2 2 2 3 2 4 4	C.78967241E-02	2 3 2 2 3 3 4 4 4	-0.35402477E-02
2 2 2 2 2 3 4 0 4	C.15058462E-01	2 3 2 2 3 3 4 6 2	C.28457819E-02
2 2 2 2 2 3 4 2 2	0.85714272E-02	2 3 2 2 3 3 4 6 4	-C.16768930E-02
2 2 2 2 2 3 4 2 4	-C.78967243E-02	2 3 3 2 3 4 0 2 2	0.16666663E-01
2 2 2 2 2 3 4 4 2	-C.43655746E-10	2 3 3 2 3 4 0 4 4	0.64150018E-02
2 2 2 2 2 3 4 4 4	C.87311491E-10	2 3 3 2 3 4 C 6 6	-C.10336226E-01
2 2 3 2 2 4 0 2 2	0.20203047E-01	2 3 3 2 3 4 2 0 2	-0.14787117E-01

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	3	3	2	3	4	2	2	2	-0.34013600E-03	2	3	4	2	3	5	4	6	8	-0.23077601E-03
2	3	3	2	3	4	2	2	4	-0.58497240E-02	2	4	2	2	4	3	0	2	2	0.15793448E-01
2	3	3	2	3	4	2	4	2	-0.61788771E-02	2	4	2	2	4	3	0	4	4	0.12654241E-01
2	3	3	2	3	4	2	4	4	0.15478399E-02	2	4	2	2	4	3	2	0	2	0.15058462E-01
2	3	3	2	3	4	2	4	6	0.32897579E-02	2	4	2	2	4	3	2	2	2	-0.78967243E-02
2	3	3	2	3	4	2	6	4	-0.39234738E-02	2	4	2	2	4	3	2	2	4	0.37225515E-02
2	3	3	2	3	4	2	6	6	0.49776302E-02	2	4	2	2	4	3	2	4	2	-0.11641532E-09
2	3	3	2	3	4	4	0	4	0.11488044E-01	2	4	2	2	4	3	2	4	4	-0.42228711E-02
2	3	3	2	3	4	4	2	2	0.62736195E-02	2	4	2	2	4	3	2	6	4	0.63492054E-02
2	3	3	2	3	4	4	2	4	-0.52154186E-02	2	4	2	2	4	3	4	0	4	0.88183408E-03
2	3	3	2	3	4	4	2	6	0.44267718E-02	2	4	2	2	4	3	4	2	2	0.26322415E-02
2	3	3	2	3	4	4	4	2	-0.29274245E-03	2	4	2	2	4	3	4	2	4	-0.57319214E-03
2	3	3	2	3	4	4	4	4	0.85393990E-03	2	4	2	2	4	3	4	4	2	-0.21328720E-02
2	3	3	2	3	4	4	4	6	-0.36552864E-02	2	4	2	2	4	3	4	4	4	0.79365060E-03
2	3	3	2	3	4	4	6	2	-0.63239598E-03	2	4	2	2	4	3	4	6	2	-0.56119576E-02
2	3	3	2	3	4	4	6	4	0.40448180E-03	2	4	2	2	4	3	4	6	4	-0.16313929E-02
2	3	3	2	3	4	4	6	6	-0.57689217E-03	2	4	2	2	4	3	4	8	4	-0.49382708E-02
2	3	4	2	3	5	0	2	2	0.12598813E-01	2	4	3	2	4	4	0	2	2	0.13809521E-01
2	3	4	2	3	5	0	4	4	0.11787944E-01	2	4	3	2	4	4	0	4	4	0.86278920E-02
2	3	4	2	3	5	0	6	6	0.55749459E-02	2	4	3	2	4	4	0	6	6	-0.36874802E-02
2	3	4	2	3	5	2	0	2	-0.15649213E-01	2	4	3	2	4	4	2	0	2	-0.16647758E-02
2	3	4	2	3	5	2	2	2	0.89991526E-03	2	4	3	2	4	4	2	2	2	-0.30158723E-02
2	3	4	2	3	5	2	2	4	-0.34202044E-02	2	4	3	2	4	4	2	2	4	-0.57530340E-02
2	3	4	2	3	5	2	4	2	0.31704771E-02	2	4	3	2	4	4	2	4	2	-0.42228711E-02
2	3	4	2	3	5	2	4	4	-0.20070293E-02	2	4	3	2	4	4	2	4	4	-0.58207661E-10
2	3	4	2	3	5	2	4	6	0.29572724E-02	2	4	3	2	4	4	2	4	6	-0.48531696E-02
2	3	4	2	3	5	2	6	4	0.80043305E-03	2	4	3	2	4	4	2	6	4	0.79365067E-03
2	3	4	2	3	5	2	6	6	-0.12349775E-02	2	4	3	2	4	4	2	6	6	0.33858294E-02
2	3	4	2	3	5	2	6	8	0.59970015E-02	2	4	3	2	4	4	2	8	6	0.53399146E-02
2	3	4	2	3	5	4	0	4	-0.73884855E-02	2	4	3	2	4	4	4	0	4	-0.52910043E-02
2	3	4	2	3	5	4	2	2	-0.18998211E-02	2	4	3	2	4	4	4	2	2	-0.60317449E-02
2	3	4	2	3	5	4	2	4	0.18229750E-02	2	4	3	2	4	4	4	2	4	0.29341023E-02
2	3	4	2	3	5	4	2	6	-0.59690581E-02	2	4	3	2	4	4	4	2	6	-0.12073014E-02
2	3	4	2	3	5	4	4	2	0.35205615E-04	2	4	3	2	4	4	4	4	2	0.12861702E-02
2	3	4	2	3	5	4	4	4	-0.10561689E-03	2	4	3	2	4	4	4	4	4	-0.24050019E-02
2	3	4	2	3	5	4	4	6	0.49287878E-03	2	4	3	2	4	4	4	4	6	0.12353522E-02
2	3	4	2	3	5	4	4	8	-0.55325502E-02	2	4	3	2	4	4	4	6	2	0.33841377E-02
2	3	4	2	3	5	4	6	2	0.76052841E-04	2	4	3	2	4	4	4	6	4	-0.81770061E-03
2	3	4	2	3	5	4	6	4	-0.50027061E-04	2	4	3	2	4	4	4	6	6	-0.18522719E-02
2	3	4	2	3	5	4	6	6	0.77788164E-04	2	4	3	2	4	4	4	8	4	0.13468011E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
2 4 3 2 4 4 4 8 6	-C.13054667E-C2	2 4 5 2 4 6 2 4 6	-C.29103830E-10
2 4 4 2 4 5 0 2 2	C.11515148E-C1	2 4 5 2 4 6 2 6 4	0.14577824E-02
2 4 4 2 4 5 0 4 4	C.90346161E-02	2 4 5 2 4 6 2 6 6	-C.15239628E-02
2 4 4 2 4 5 0 6 6	C.75172560E-03	2 4 5 2 4 6 2 6 8	0.31481474E-02
2 4 4 2 4 5 C 8 8	-C.73789030E-C2	2 4 5 2 4 6 2 8 6	0.35137633E-03
2 4 4 2 4 5 2 0 2	-C.10594026E-01	2 4 5 2 4 6 2 8 8	-C.72356095E-03
2 4 4 2 4 5 2 2 2	-C.10101002E-03	2 4 5 2 4 6 4 0 4	-C.52642142E-02
2 4 4 2 4 5 2 2 4	-C.57584603E-C2	2 4 5 2 4 6 4 2 2	-C.16161613E-02
2 4 4 2 4 5 2 4 2	-C.38389736E-02	2 4 5 2 4 6 4 2 4	C.14835512E-02
2 4 4 2 4 5 2 4 4	C.14551915E-C9	2 4 5 2 4 6 4 2 6	-C.41208345E-02
2 4 4 2 4 5 2 4 6	-C.13851063E-C2	2 4 5 2 4 6 4 4 2	0.62959377E-04
2 4 4 2 4 5 2 6 4	-C.41553192E-02	2 4 5 2 4 6 4 4 4	-C.16565712E-03
2 4 4 2 4 5 2 6 6	C.19379573E-C2	2 4 5 2 4 6 4 4 6	0.60236853E-03
2 4 4 2 4 5 2 6 8	C.332439C2E-C2	2 4 5 2 4 6 4 4 8	-0.41270453E-02
2 4 4 2 4 5 2 8 6	-0.20971346E-02	2 4 5 2 4 6 4 6 2	C.16565709E-03
2 4 4 2 4 5 2 8 8	C.34C04473E-C2	2 4 5 2 4 6 4 6 4	-C.84669179E-04
2 4 4 2 4 5 4 0 4	C.90C31914E-C2	2 4 5 2 4 6 4 6 6	0.70838020E-04
2 4 4 2 4 5 4 2 2	C.49494939E-C2	2 4 5 2 4 6 4 6 8	0.57385303E-04
2 4 4 2 4 5 4 2 4	-C.38877416E-02	2 4 5 2 4 6 4 8 4	C.25768881E-04
2 4 4 2 4 5 4 2 6	C.4307C844E-C2	2 4 5 2 4 6 4 8 6	-C.28083392E-04
2 4 4 2 4 5 4 4 2	-C.40923599E-C3	2 4 5 2 4 6 4 8 8	0.61064878E-04
2 4 4 2 4 5 4 4 4	C.97587027E-C3	2 5 3 2 5 4 C 2 2	0.1C249413E-01
2 4 4 2 4 5 4 4 6	-0.27072533E-02	2 5 3 2 5 4 C 4 4	C.1C513462E-01
2 4 4 2 4 5 4 4 8	C.21201519E-C2	2 5 3 2 5 4 C 6 6	C.69305671E-02
2 4 4 2 4 5 4 6 2	-C.10767710E-02	2 5 3 2 5 4 2 0 2	C.12483753E-01
2 4 4 2 4 5 4 6 4	C.45645544E-C3	2 5 3 2 5 4 2 2 2	-0.58568077E-02
2 4 4 2 4 5 4 6 6	-C.94400536E-04	2 5 3 2 5 4 2 2 4	C.41622519E-02
2 4 4 2 4 5 4 6 8	-C.22093669E-C2	2 5 3 2 5 4 2 4 2	-0.18902765E-02
2 4 4 2 4 5 4 8 4	-C.25183754E-C3	2 5 3 2 5 4 2 4 4	-C.37232717E-02
2 4 4 2 4 5 4 8 6	C.26613095E-C3	2 5 3 2 5 4 2 4 6	C.13824464E-02
2 4 4 2 4 5 4 8 8	-C.52981030E-C3	2 5 3 2 5 4 2 6 4	0.189847C4E-02
2 4 5 2 4 6 0 2 2	C.84848469E-C2	2 5 3 2 5 4 2 6 6	-C.21360399E-02
2 4 5 2 4 6 C 4 4	C.92445298E-C2	2 5 3 2 5 4 2 8 6	0.48646314E-02
2 4 5 2 4 6 0 6 6	C.71921892E-02	2 5 3 2 5 4 4 0 4	0.11021104E-02
2 4 5 2 4 6 C 8 8	C.30779196E-C2	2 5 3 2 5 4 4 2 2	0.21149583E-02
2 4 5 2 4 6 2 0 2	-C.12712832E-01	2 5 3 2 5 4 4 2 4	-C.66554634E-03
2 4 5 2 4 6 2 2 2	C.12121210E-C2	2 5 3 2 5 4 4 2 6	0.16657487E-03
2 4 5 2 4 6 2 2 4	-C.40404032E-02	2 5 3 2 5 4 4 4 2	-C.13433609E-02
2 4 5 2 4 6 2 4 2	C.31893013E-C2	2 5 3 2 5 4 4 4 4	0.75358278E-03
2 4 5 2 4 6 2 4 4	-C.13851063E-C2	2 5 3 2 5 4 4 4 6	-C.18432619E-03

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
2 5 3 2 5 4 4 6 2	-C.37102562E-02	2 5 5 2 5 6 2 2 2	C.799201C8E-04
2 5 3 2 5 4 4 6 4	-C.94923509E-03	2 5 5 2 5 6 2 2 4	-C.49284041E-02
2 5 3 2 5 4 4 6 6	C.35268271E-03	2 5 5 2 5 6 2 4 2	-C.24246444E-02
2 5 3 2 5 4 4 8 4	-C.40556791E-02	2 5 5 2 5 6 2 4 4	-C.32995909E-03
2 5 3 2 5 4 4 8 6	-C.94585440E-03	2 5 5 2 5 6 2 4 6	-C.26307566E-02
2 5 4 2 5 5 0 2 2	C.96969683E-02	2 5 5 2 5 6 2 6 4	-C.32503777E-02
2 5 4 2 5 5 0 4 4	C.86952355E-C2	2 5 5 2 5 6 2 6 6	C.53051936E-03
2 5 4 2 5 5 0 6 6	C.32164449E-02	2 5 5 2 5 6 2 6 8	C.25468737E-03
2 5 4 2 5 5 C 8 8	-C.41294625E-C2	2 5 5 2 5 6 2 8 6	-C.27681013E-02
2 5 4 2 5 5 2 0 2	C.	2 5 5 2 5 6 2 8 8	C.18612440E-02
2 5 4 2 5 5 2 2 2	-C.24242419E-C2	2 5 5 2 5 6 4 0 4	C.733609C1E-02
2 5 4 2 5 5 2 2 4	-C.35436682E-C2	2 5 5 2 5 6 4 2 2	C.4C892434E-02
2 5 4 2 5 5 2 4 2	-C.39121037E-C2	2 5 5 2 5 6 4 2 4	-C.31C48872E-02
2 5 4 2 5 5 2 4 4	-C.85344224E-C3	2 5 5 2 5 6 4 2 6	C.38C38474E-02
2 5 4 2 5 5 2 4 6	-C.41C61577E-C2	2 5 5 2 5 6 4 4 2	-C.43994551E-03
2 5 4 2 5 5 2 6 4	-C.16162243E-C2	2 5 5 2 5 6 4 4 4	C.93248945E-03
2 5 4 2 5 5 2 6 6	C.96C34757E-03	2 5 5 2 5 6 4 4 6	-C.2104605?E-02
2 5 4 2 5 5 2 6 8	-C.28493691E-C2	2 5 5 2 5 6 4 4 8	C.24C32360E-02
2 5 4 2 5 5 2 8 6	C.16932400E-C2	2 5 5 2 5 6 4 6 2	-C.12150945E-02
2 5 4 2 5 5 2 8 8	C.27504835E-02	2 5 5 2 5 6 4 6 4	C.38477989E-03
2 5 4 2 5 5 4 0 4	-C.48792506E-02	2 5 5 2 5 6 4 6 6	C.13945049E-03
2 5 4 2 5 5 4 2 2	-C.47811440E-C2	2 5 5 2 5 6 4 6 8	-C.17827246E-02
2 5 4 2 5 5 4 2 4	C.25498550E-02	2 5 5 2 5 6 4 8 4	-C.51915830E-03
2 5 4 2 5 5 4 2 6	-C.15461329E-02	2 5 5 2 5 6 4 8 6	C.38380946E-03
2 5 4 2 5 5 4 4 2	C.11120844E-02	2 5 5 2 5 6 4 8 8	-C.29497387E-03
2 5 4 2 5 5 4 4 4	-C.17964440E-02	3 1 2 3 1 3 0 2 2	-C.1649572CE-C1
2 5 4 2 5 5 4 4 6	C.13259467E-C2	3 1 2 3 1 3 2 0 2	-C.2C203047E-01
2 5 4 2 5 5 4 4 8	-C.48011988E-C3	3 1 2 3 1 3 2 2 2	C.85373461E-02
2 5 4 2 5 5 4 6 2	C.30714888E-C2	3 1 2 3 1 3 2 2 4	-C.4C245439E-02
2 5 4 2 5 5 4 6 4	-C.40408107E-03	3 1 2 3 1 3 4 0 4	-C.21492162E-01
2 5 4 2 5 5 4 6 6	-C.13609068E-C2	3 1 2 3 1 3 4 2 2	C.10339239E-01
2 5 4 2 5 5 4 6 8	C.63048281E-03	3 1 2 3 1 3 4 2 4	C.5C224746E-02
2 5 4 2 5 5 4 8 4	C.19731051E-02	3 1 2 3 1 3 6 2 4	0.67343494E-02
2 5 4 2 5 5 4 8 6	-C.95338089E-03	3 1 3 3 1 4 0 2 2	0.22587694E-01
2 5 4 2 5 5 4 8 8	-C.11742891E-02	3 1 3 3 1 4 2 0 2	-0.15368979E-01
2 5 5 2 5 6 0 2 2	C.82517467E-02	3 1 3 3 1 4 2 2 2	-0.25978315E-02
2 5 5 2 5 6 C 4 4	C.80748272E-C2	3 1 3 3 1 4 2 2 4	0.12184910E-01
2 5 5 2 5 6 0 6 6	C.44608752E-C2	3 1 3 3 1 4 4 0 4	-0.17746568E-01
2 5 5 2 5 6 0 8 8	-C.12692099E-C2	3 1 3 3 1 4 4 2 2	-0.31461304E-02
2 5 5 2 5 6 2 0 2	-C.81199781E-C2	3 1 3 3 1 4 4 2 4	0.1144C476E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 1 3 3 1 4 4 2 6	C.83753140E-02	3 2 3 3 2 4 4 4 6	0.36552864E-02
3 1 3 3 1 4 6 0 6	-C.13344011E-01	3 2 3 3 2 4 6 0 6	C.10336226E-01
3 1 3 3 1 4 6 2 4	-C.92678431E-03	3 2 3 3 2 4 6 2 4	0.39234738E-02
3 1 3 3 1 4 6 2 6	C.15206913E-02	3 2 3 3 2 4 6 2 6	-C.49776301E-02
3 2 1 3 2 2 0 2 2	-0.18070155E-01	3 2 3 3 2 4 6 4 2	C.63239598E-03
3 2 1 3 2 2 2 0 2	-C.26186143E-01	3 2 3 3 2 4 6 4 4	-C.40448182E-03
3 2 1 3 2 2 2 2 2	C.11222632E-01	3 2 3 3 2 4 6 4 6	C.57689207E-03
3 2 1 3 2 2 2 4 2	-C.33252244E-02	3 2 4 3 2 5 0 2 2	0.15649214E-01
3 2 1 3 2 2 4 2 2	-C.75507129E-02	3 2 4 3 2 5 0 4 4	C.73884857E-02
3 2 1 3 2 2 4 4 2	C.40245432E-02	3 2 4 3 2 5 2 0 2	-C.12598813E-01
3 2 1 3 2 2 6 4 2	C.86940076E-02	3 2 4 3 2 5 2 2 2	-C.89991517E-03
3 2 2 3 2 3 0 2 2	C.59148469E-02	3 2 4 3 2 5 2 2 4	0.34202044E-02
3 2 2 3 2 3 0 4 4	C.51956639E-02	3 2 4 3 2 5 2 4 2	C.18998211E-02
3 2 2 3 2 3 2 0 2	-C.19999997E-01	3 2 4 3 2 5 2 4 4	-0.18229750E-02
3 2 2 3 2 3 2 2 2	C.34693872E-02	3 2 4 3 2 5 2 4 6	C.59690581E-02
3 2 2 3 2 3 2 2 4	C.91394742E-02	3 2 4 3 2 5 4 0 4	-C.11787945E-01
3 2 2 3 2 3 2 4 2	C.82312912E-02	3 2 4 3 2 5 4 2 2	-0.31704772E-02
3 2 2 3 2 3 2 4 4	-C.31962933E-02	3 2 4 3 2 5 4 2 4	C.20070294E-02
3 2 2 3 2 3 4 0 4	C.69416678E-10	3 2 4 3 2 5 4 2 6	-0.29572725E-02
3 2 2 3 2 3 4 2 2	C.24715510E-02	3 2 4 3 2 5 4 4 2	-C.35205594E-04
3 2 2 3 2 3 4 2 4	-C.37260032E-02	3 2 4 3 2 5 4 4 4	C.10561685E-03
3 2 2 3 2 3 4 4 2	-C.13173409E-02	3 2 4 3 2 5 4 4 6	-C.49287860E-03
3 2 2 3 2 3 4 4 4	C.35402478E-02	3 2 4 3 2 5 4 4 8	C.55325502E-02
3 2 2 3 2 3 6 2 4	-C.80490868E-02	3 2 4 3 2 5 6 0 6	-C.55749460E-02
3 2 2 3 2 3 6 4 2	-0.28457820E-02	3 2 4 3 2 5 6 2 4	-0.80043305E-03
3 2 2 3 2 3 6 4 4	C.16768931E-02	3 2 4 3 2 5 6 2 6	C.12349778E-02
3 2 3 3 2 4 0 2 2	C.14787116E-01	3 2 4 3 2 5 6 2 8	-C.59970015E-02
3 2 3 3 2 4 0 4 4	-C.11488044E-01	3 2 4 3 2 5 6 4 2	-0.76052842E-04
3 2 3 3 2 4 2 0 2	-C.16666663E-01	3 2 4 3 2 5 6 4 4	C.50027067E-04
3 2 3 3 2 4 2 2 2	C.34013600E-03	3 2 4 3 2 5 6 4 6	-0.77788099E-04
3 2 3 3 2 4 2 2 4	C.58497240E-02	3 2 4 3 2 5 6 4 8	0.23077612E-03
3 2 3 3 2 4 2 4 2	-C.62736195E-02	3 3 1 3 3 2 0 2 2	0.10101524E-01
3 2 3 3 2 4 2 4 4	C.52154186E-02	3 3 1 3 3 2 2 0 2	-0.10101524E-01
3 2 3 3 2 4 2 4 6	-C.44267720E-02	3 3 1 3 3 2 2 2 2	0.14551915E-10
3 2 3 3 2 4 4 0 4	-C.64150020E-02	3 3 1 3 3 2 2 4 2	C.98489459E-02
3 2 3 3 2 4 4 2 2	C.61788774E-02	3 3 1 3 3 2 4 2 2	-0.98489462E-02
3 2 3 3 2 4 4 2 4	-C.15478400E-02	3 3 1 3 3 2 4 4 2	0.29103830E-10
3 2 3 3 2 4 4 2 6	-C.32897580E-02	3 3 1 3 3 2 4 6 2	0.58858708E-02
3 2 3 3 2 4 4 4 2	C.29274237E-03	3 3 1 3 3 2 6 4 2	-0.58858710E-02
3 2 3 3 2 4 4 4 4	-C.85393985E-03	3 3 1 3 3 2 6 6 2	0.43655746E-10

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	3	2	3	3	3	0	2	2	C.12469592E-C1	3	3	3	3	3	4	4	6	6	0.25799397E-02
3	3	2	3	3	3	0	4	4	-C.99489379E-C2	3	3	3	3	3	4	6	0	6	-0.52678287E-02
3	3	2	3	3	3	2	0	2	-0.12469591E-01	3	3	3	3	3	4	6	2	4	-C.50784036E-02
3	3	2	3	3	3	2	2	2	-0.87311491E-10	3	3	3	3	3	4	6	2	6	0.2940978°E-02
3	3	2	3	3	3	2	2	4	-C.43655746E-10	3	3	3	3	3	4	6	4	2	-C.2828160ᵹE-02
3	3	2	3	3	3	2	4	2	C.45591760E-C2	3	3	3	3	3	4	6	4	4	0.18088977E-02
3	3	2	3	3	3	2	4	4	C.43530370E-C2	3	3	3	3	3	4	6	4	6	-C.25799397E-02
3	3	2	3	3	3	2	6	4	-0.3818C172E-C2	3	3	3	3	3	4	6	6	2	-C.72759576E-11
3	3	2	3	3	3	4	0	4	C.99489377E-02	3	3	3	3	3	4	6	6	4	-C.28194335E-10
3	3	2	3	3	3	4	2	2	-C.45591762E-02	3	3	3	3	3	4	6	6	6	C.87311491E-1C
3	3	2	3	3	3	4	2	4	-C.43530370E-C2	3	3	4	3	3	5	C	2	2	C.12841900E-01
3	3	2	3	3	3	4	4	2	C.29103830E-10	3	3	4	3	3	5	C	4	4	C.15C19231E-02
3	3	2	3	3	3	4	4	4	-C.58207661E-10	3	3	4	3	3	5	C	6	6	-C.71C31386E-02
3	3	2	3	3	3	4	6	2	-C.54492575E-02	3	3	4	3	3	5	2	0	2	-C.1284190ᵹE-01
3	3	2	3	3	3	4	6	4	C.3211C057E-C2	3	3	4	3	3	5	2	2	2	0.5820766ᵹE-10
3	3	2	3	3	3	6	2	4	C.3818C171E-C2	3	3	4	3	3	5	2	2	4	C.
3	3	2	3	3	3	6	4	2	C.54492575E-C2	3	3	4	3	3	5	2	4	2	-0.44107369E-02
3	3	2	3	3	3	6	4	4	-C.3211C058E-C2	3	3	4	3	3	5	2	4	4	0.15564039E-02
3	3	2	3	3	3	6	6	2	-C.	3	3	4	3	3	5	2	4	6	0.42468423E-02
3	3	2	3	3	3	6	6	4	C.43655746E-10	3	3	4	3	3	5	2	6	4	-0.27341104E-02
3	3	3	3	3	4	0	2	2	C.13347900E-C1	3	3	4	3	3	5	2	6	6	C.30733519E-02
3	3	3	3	3	4	0	4	4	-C.58381924E-C2	3	3	4	3	3	5	2	6	8	-0.36908992E-02
3	3	3	3	3	4	0	6	6	C.52678289E-C2	3	3	4	3	3	5	4	0	4	-C.15019233E-02
3	3	3	3	3	4	2	0	2	-C.13347900E-C1	3	3	4	3	3	5	4	2	2	0.44107371E-02
3	3	3	3	3	4	2	2	2	C.11641532E-09	3	3	4	3	3	5	4	2	4	-C.15564039E-02
3	3	3	3	3	4	2	2	4	-C.62755134E-1C	3	3	4	3	3	5	4	2	6	-0.42468425E-02
3	3	3	3	3	4	2	4	2	-C.23662092E-C2	3	3	4	3	3	5	4	4	2	-C.1018634lE-09
3	3	3	3	3	4	2	4	4	C.38719785E-C2	3	3	4	3	3	5	4	4	4	C.65483619E-10
3	3	3	3	3	4	2	4	6	C.35994775E-C2	3	3	4	3	3	5	4	4	6	C.5820766lE-10
3	3	3	3	3	4	2	6	4	0.50784037E-C2	3	3	4	3	3	5	4	4	8	0.2728484CE-10
3	3	3	3	3	4	2	6	6	-C.29409789E-02	3	3	4	3	3	5	4	6	2	-C.85C29661E-03
3	3	3	3	3	4	4	0	4	C.58381924E-C2	3	3	4	3	3	5	4	6	4	C.55931956E-03
3	3	3	3	3	4	4	2	2	C.23662091E-C2	3	3	4	3	3	5	4	6	6	-0.86969751E-03
3	3	3	3	3	4	4	2	4	-C.38719786E-02	3	3	4	3	3	5	4	6	8	C.25801552E-02
3	3	3	3	3	4	4	2	6	-C.35994775E-C2	3	3	4	3	3	5	6	0	6	0.71031389E-02
3	3	3	3	3	4	4	4	2	0.29103830E-10	3	3	4	3	3	5	6	2	4	C.27341103E-02
3	3	3	3	3	4	4	4	4	C.76397555E-10	3	3	4	3	3	5	6	2	6	-0.30733517E-02
3	3	3	3	3	4	4	4	6	-C.29103830E-10	3	3	4	3	3	5	6	2	8	C.36908993E-02
3	3	3	3	3	4	4	6	2	C.28281607E-C2	3	3	4	3	3	5	6	4	2	0.85029663E-03
3	3	3	3	3	4	4	6	4	-C.18088976E-02	3	3	4	3	3	5	6	4	4	-C.55931954E-03

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	3	4	3	3	5	6	4	6	C.86969747E-C3	3	3	5	3	3	6	6	6	6	0.11226575E-10
3	3	4	3	3	5	6	4	8	-C.25801553E-C2	3	3	5	3	3	6	6	6	8	C.24556357E-10
3	3	4	3	3	5	6	6	2	C.36379788E-11	3	4	1	3	4	2	0	2	2	0.19342945E-01
3	3	4	3	3	5	6	6	4	C.50022208E-11	3	4	1	3	4	2	2	0	2	0.14847844E-01
3	3	4	3	3	5	6	6	6	-C.14551915E-10	3	4	1	3	4	2	2	2	2	-0.88986003E-02
3	3	4	3	3	5	6	6	8	-C.43655746E-10	3	4	1	3	4	2	2	4	2	C.84549710E-C2
3	3	5	3	3	6	0	2	2	C.10403128E-C1	3	4	1	3	4	2	4	2	2	0.46535925E-02
3	3	5	3	3	6	0	4	4	C.85369105E-02	3	4	1	3	4	2	4	4	2	-C.47630490E-02
3	3	5	3	3	6	0	6	6	C.31459274E-C2	3	4	1	3	4	2	4	6	2	C.18276432E-02
3	3	5	3	3	6	2	0	2	-C.10403128E-01	3	4	1	3	4	2	6	4	2	C.1137766CE-02
3	3	5	3	3	6	2	2	2	0.58207661E-10	3	4	1	3	4	2	6	6	2	-C.18583152E-02
3	3	5	3	3	6	2	2	4	C.58207661E-10	3	4	1	3	4	2	6	8	2	-C.61633347E-02
3	3	5	3	3	6	2	4	2	C.27662751E-C2	3	4	2	3	4	3	0	2	2	C.14398644E-01
3	3	5	3	3	6	2	4	4	-C.19659060E-C2	3	4	2	3	4	3	C	4	4	-0.36052120E-02
3	3	5	3	3	6	2	4	6	C.40304895E-02	3	4	2	3	4	3	2	0	2	-C.69416679E-10
3	3	5	3	3	6	2	6	4	C.63002609E-C3	3	4	2	3	4	3	2	2	2	-0.37260031E-02
3	3	5	3	3	6	2	6	6	-C.87817074E-03	3	4	2	3	4	3	2	2	4	-0.64403340E-02
3	3	5	3	3	6	2	6	8	C.33258376E-C2	3	4	2	3	4	3	2	4	2	0.35402478E-02
3	3	5	3	3	6	4	0	4	-C.85369103E-C2	3	4	2	3	4	3	2	4	4	0.33801787E-02
3	3	5	3	3	6	4	2	2	-C.27662751E-C2	3	4	2	3	4	3	2	6	4	0.30582322E-02
3	3	5	3	3	6	4	2	4	C.19659061E-C2	3	4	2	3	4	3	4	0	4	-0.61728387E-02
3	3	5	3	3	6	4	2	6	-C.40304895E-02	3	4	2	3	4	3	4	2	2	-C.57088874E-02
3	3	5	3	3	6	4	4	2	C.65483619E-1C	3	4	2	3	4	3	4	2	4	0.35279087E-02
3	3	5	3	3	6	4	4	4	-C.18189894E-11	3	4	2	3	4	3	4	4	2	-C.44319414E-03
3	3	5	3	3	6	4	4	6	C.87311491E-1C	3	4	2	3	4	3	4	4	4	-0.32982884E-02
3	3	5	3	3	6	4	4	8	C.58207661E-10	3	4	2	3	4	3	4	6	2	-C.35712458E-02
3	3	5	3	3	6	4	6	2	C.12716658E-C3	3	4	2	3	4	3	4	6	4	0.13187427E-02
3	3	5	3	3	6	4	6	4	-C.84777706E-04	3	4	2	3	4	3	4	8	4	C.42648703E-02
3	3	5	3	3	6	4	6	6	C.13594681E-C3	3	4	2	3	4	3	6	2	4	-0.10465016E-02
3	3	5	3	3	6	4	6	8	-C.44C51793E-C3	3	4	2	3	4	3	6	4	2	-C.34383867E-02
3	3	5	3	3	6	6	0	6	-C.31459275E-C2	3	4	2	3	4	3	6	4	4	0.10691889E-02
3	3	5	3	3	6	6	2	4	-C.63002609E-03	3	4	2	3	4	3	6	6	2	C.77810986E-03
3	3	5	3	3	6	6	2	6	C.87817080E-03	3	4	2	3	4	3	6	6	4	-C.15941819E-02
3	3	5	3	3	6	6	2	8	-C.33258379E-C2	3	4	2	3	4	3	6	8	2	0.25806986E-02
3	3	5	3	3	6	6	4	2	-C.12716658E-03	3	4	2	3	4	3	6	8	4	-C.12640128E-02
3	3	5	3	3	6	6	4	4	C.84777717E-C4	3	4	3	3	4	4	0	2	2	0.12481394E-01
3	3	5	3	3	6	6	4	6	-C.13594682E-03	3	4	3	3	4	4	0	4	4	-C.98323958E-03
3	3	5	3	3	6	6	4	8	C.44C51795E-C3	3	4	3	3	4	4	C	6	6	-C.42022733E-02
3	3	5	3	3	6	6	6	2	C.22737367E-12	3	4	3	3	4	4	2	0	2	-C.64150019E-02
3	3	5	3	3	6	6	6	4	C.15916157E-11	3	4	3	3	4	4	2	2	2	-C.15478399E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	4	3	3	4	4	2	2	4	-C.43645239E-C2
3	4	3	3	4	4	2	4	2	-C.85393987E-C3
3	4	3	3	4	4	2	4	4	C.26653274E-C2
3	4	3	3	4	4	2	4	6	C.26812968E-C2
3	4	3	3	4	4	2	6	4	C.38922954E-C2
3	4	3	3	4	4	2	6	6	C.13555183E-C2
3	4	3	3	4	4	2	8	6	-C.32853528E-C2
3	4	3	3	4	4	4	0	4	C.50505043E-C2
3	4	3	3	4	4	4	2	2	-C.32020885E-C2
3	4	3	3	4	4	4	2	4	-C.15554429E-C2
3	4	3	3	4	4	4	2	6	C.38048287E-C2
3	4	3	3	4	4	4	4	2	C.43429118E-C3
3	4	3	3	4	4	4	4	4	-C.12056243E-C2
3	4	3	3	4	4	4	4	6	-C.26632269E-C2
3	4	3	3	4	4	4	6	2	-C.14356946E-C2
3	4	3	3	4	4	4	6	4	-C.36730929E-C3
3	4	3	3	4	4	4	6	6	C.93549082E-C3
3	4	3	3	4	4	4	8	4	-C.31221299E-02
3	4	3	3	4	4	4	8	6	C.23735759E-02
3	4	3	3	4	4	6	0	6	C.18083706E-C2
3	4	3	3	4	4	6	2	4	C.31860610E-C2
3	4	3	3	4	4	6	2	6	-C.10628248E-02
3	4	3	3	4	4	6	4	2	C.39303482E-C2
3	4	3	3	4	4	6	4	4	-C.21658956E-02
3	4	3	3	4	4	6	4	6	C.11394250E-C2
3	4	3	3	4	4	6	6	2	-C.26067661E-C3
3	4	3	3	4	4	6	6	4	C.57970244E-C3
3	4	3	3	4	4	6	6	6	-C.14658830E-C2
3	4	3	3	4	4	6	8	2	-C.86456653E-C3
3	4	3	3	4	4	6	8	4	C.45964097E-C3
3	4	3	3	4	4	6	8	6	-C.47032043E-03
3	4	4	3	4	5	0	2	2	C.11168493E-C1
3	4	4	3	4	5	0	4	4	C.22011910E-C2
3	4	4	3	4	5	0	6	6	-C.51282039E-C2
3	4	4	3	4	5	0	8	8	C.45762014E-02
3	4	4	3	4	5	2	0	2	-C.94303560E-C2
3	4	4	3	4	5	2	2	2	-C.41746196E-03
3	4	4	3	4	5	2	2	4	-C.30136015E-C2
3	4	4	3	4	5	2	4	2	-C.35135213E-02
3	4	4	3	4	5	2	4	4	C.16227288E-C2

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	4	4	3	4	5	2	4	6	0.25704698E-02
3	4	4	3	4	5	2	6	4	C.71940818E-03
3	4	4	3	4	5	2	6	6	0.23634439E-02
3	4	4	3	4	5	2	6	8	C.11C35597E-02
3	4	4	3	4	5	2	8	6	0.31987666E-02
3	4	4	3	4	5	2	8	8	-0.24291600E-02
3	4	4	3	4	5	4	0	4	0.57267335E-02
3	4	4	3	4	5	4	2	2	0.20373126E-02
3	4	4	3	4	5	4	2	4	-0.28819600E-02
3	4	4	3	4	5	4	2	6	-0.50734074E-04
3	4	4	3	4	5	4	4	2	C.16527367E-03
3	4	4	3	4	5	4	4	4	0.25426634E-05
3	4	4	3	4	5	4	4	6	-C.16107827E-02
3	4	4	3	4	5	4	4	8	-0.28969546E-02
3	4	4	3	4	5	4	6	2	C.28664775E-02
3	4	4	3	4	5	4	6	4	-C.10445614E-02
3	4	4	3	4	5	4	6	6	C.25426926E-03
3	4	4	3	4	5	4	6	8	0.78513739E-03
3	4	4	3	4	5	4	8	4	C.13C82049E-02
3	4	4	3	4	5	4	8	6	-C.12014185E-02
3	4	4	3	4	5	4	8	8	0.19CC3093E-02
3	4	4	3	4	5	6	0	6	-C.50155176E-02
3	4	4	3	4	5	6	2	4	-C.37673739E-02
3	4	4	3	4	5	6	2	6	C.25746715E-02
3	4	4	3	4	5	6	2	8	-C.15432425E-02
3	4	4	3	4	5	6	4	2	-0.24449824E-02
3	4	4	3	4	5	6	4	4	0.15197719E-02
3	4	4	3	4	5	6	4	6	-C.18223799E-02
3	4	4	3	4	5	6	4	8	0.13229789E-02
3	4	4	3	4	5	6	6	2	0.64481945E-04
3	4	4	3	4	5	6	6	4	-0.14747581E-03
3	4	4	3	4	5	6	6	6	C.40656279E-03
3	4	4	3	4	5	6	6	8	-0.14642239E-02
3	4	4	3	4	5	6	8	2	0.21386240E-03
3	4	4	3	4	5	6	8	4	-C.11693227E-03
3	4	4	3	4	5	6	8	6	0.13044345E-03
3	4	4	3	4	5	6	8	8	-0.21790066E-03
3	4	5	3	4	6	0	2	2	0.96587017E-02
3	4	5	3	4	6	0	4	4	C.53841084E-02
3	4	5	3	4	6	0	6	6	-C.20944022E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
3 4 5 3 4 6 0 8 8	-C.4563C118E-C2	3 4 5 3 4 6 6 8 4	C.19612535E-04
3 4 5 3 4 6 2 0 2	-C.10241830E-C1	3 4 5 3 4 6 6 8 6	-C.22563196E-04
3 4 5 3 4 6 2 2 2	C.18600389E-03	3 4 5 3 4 6 6 8 8	C.41167451E-04
3 4 5 3 4 6 2 2 4	-C.20667092E-C2	3 5 2 3 5 3 0 2 2	C.1268C360E-01
3 4 5 3 4 6 2 4 2	-C.24606369E-02	3 5 2 3 5 3 0 4 4	C.86278927E-02
3 4 5 3 4 6 2 4 4	C.12559714E-C3	3 5 2 3 5 3 2 0 2	0.12434116E-01
3 4 5 3 4 6 2 4 6	C.23571018E-C2	3 5 2 3 5 3 2 2 2	-C.65627101E-02
3 4 5 3 4 6 2 6 4	-C.30902987E-C2	3 5 2 3 5 3 2 2 4	0.30936912E-02
3 4 5 3 4 6 2 6 6	C.18389662E-C2	3 5 2 3 5 3 2 4 2	0.282414C7E-02
3 4 5 3 4 6 2 6 8	C.22946929E-02	3 5 2 3 5 3 2 4 4	-C.32641234E-02
3 4 5 3 4 6 2 8 6	-C.13562907E-C2	3 5 2 3 5 3 2 6 4	0.56443303E-02
3 4 5 3 4 6 2 8 8	C.19245674E-C2	3 5 2 3 5 3 4 0 4	C.14430012E-02
3 4 5 3 4 6 4 0 4	C.31127959E-C3	3 5 2 3 5 3 4 2 2	C.38534966E-02
3 4 5 3 4 6 4 2 2	C.34386560E-02	3 5 2 3 5 3 4 2 4	-C.89561033E-03
3 4 5 3 4 6 4 2 4	-C.13684171E-C2	3 5 2 3 5 3 4 4 2	-0.29830500E-02
3 4 5 3 4 6 4 2 6	-C.26281556E-02	3 5 2 3 5 3 4 4 4	C.11100055E-02
3 4 5 3 4 6 4 4 2	-C.17444289E-C3	3 5 2 3 5 3 4 6 2	-C.21970525E-02
3 4 5 3 4 6 4 4 4	C.34144346E-03	3 5 2 3 5 3 4 6 4	-C.19678309E-02
3 4 5 3 4 6 4 4 6	-0.56990067E-03	3 5 2 3 5 3 4 8 4	C.26550652E-02
3 4 5 3 4 6 4 4 8	-C.23706482E-C2	3 5 2 3 5 3 6 2 4	C.14480379E-03
3 4 5 3 4 6 4 6 2	-C.14C56555E-02	3 5 2 3 5 3 6 4 2	C.82616984E-03
3 4 5 3 4 6 4 6 4	C.69C69220E-C3	3 5 2 3 5 3 6 4 4	-0.15967865E-03
3 4 5 3 4 6 4 6 6	-C.60512276E-03	3 5 2 3 5 3 6 6 2	-C.83772153E-03
3 4 5 3 4 6 4 6 8	C.49687081E-C3	3 5 2 3 5 3 6 6 4	0.30287883E-03
3 4 5 3 4 6 4 8 4	-C.32477555E-03	3 5 2 3 5 3 6 8 2	-C.33917024E-02
3 4 5 3 4 6 4 8 6	C.322632C1E-C3	3 5 2 3 5 3 6 8 4	-0.78690239E-03
3 4 5 3 4 6 4 8 8	-C.60868490E-03	3 5 3 3 5 4 0 2 2	C.11167654E-01
3 4 5 3 4 6 6 0 6	C.51619174E-C2	3 5 3 3 5 4 0 4 4	C.41655857E-02
3 4 5 3 4 6 6 2 4	C.20897721E-C2	3 5 3 3 5 4 0 6 6	-C.48054836E-02
3 4 5 3 4 6 6 2 6	-C.21805354E-C2	3 5 3 3 5 4 2 0 2	C.25883676E-02
3 4 5 3 4 6 6 2 8	C.32314685E-C2	3 5 3 3 5 4 2 2 2	-0.35729738E-02
3 4 5 3 4 6 6 4 2	C.85146859E-03	3 5 3 3 5 4 2 2 4	-0.37341204E-02
3 4 5 3 4 6 6 4 4	-C.55279836E-C3	3 5 3 3 5 4 2 4 2	0.60296588E-04
3 4 5 3 4 6 6 4 6	C.79291525E-03	3 5 3 3 5 4 2 4 4	0.24666783E-03
3 4 5 3 4 6 6 4 8	-C.17978485E-C2	3 5 3 3 5 4 2 4 6	-0.34572582E-02
3 4 5 3 4 6 6 6 2	-0.10671310E-04	3 5 3 3 5 4 2 6 4	C.36788962E-02
3 4 5 3 4 6 6 6 4	0.24735454E-04	3 5 3 3 5 4 2 6 6	C.28169987E-02
3 4 5 3 4 6 6 6 6	-0.70324407E-04	3 5 3 3 5 4 2 8 6	C.54310707E-03
3 4 5 3 4 6 6 6 8	0.27663231E-C3	3 5 3 3 5 4 4 0 4	-0.58870099E-02
3 4 5 3 4 6 6 8 2	-0.35392771E-C4	3 5 3 3 5 4 4 2 2	-C.40751227E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5	3	3	5	4	4	2	4	0.30852662E-02	3	5	4	3	5	5	4	2	6	0.30810818E-02
3	5	3	3	5	4	4	2	6	-0.15347266E-02	3	5	4	3	5	5	4	4	2	0.55140538E-03
3	5	3	3	5	4	4	4	2	-0.63689426E-04	3	5	4	3	5	5	4	4	4	-0.10434286E-02
3	5	3	3	5	4	4	4	4	-0.22151181E-02	3	5	4	3	5	5	4	4	6	-0.15293925E-02
3	5	3	3	5	4	4	4	6	0.14069775E-02	3	5	4	3	5	5	4	4	8	0.19316714E-02
3	5	3	3	5	4	4	6	2	-0.27558447E-02	3	5	4	3	5	5	4	6	2	0.40611677E-03
3	5	3	3	5	4	4	6	4	-0.18001472E-03	3	5	4	3	5	5	4	6	4	-0.54954710E-03
3	5	3	3	5	4	4	6	6	-0.18060315E-02	3	5	4	3	5	5	4	6	6	-0.37583935E-03
3	5	3	3	5	4	4	8	4	-0.14100653E-02	3	5	4	3	5	5	4	6	8	-0.17254071E-02
3	5	3	3	5	4	4	8	6	0.14387256E-02	3	5	4	3	5	5	4	8	4	-0.18821123E-02
3	5	3	3	5	4	6	0	6	-0.39289031E-03	3	5	4	3	5	5	4	8	6	0.67887063E-04
3	5	3	3	5	4	6	2	4	-0.10862565E-02	3	5	4	3	5	5	4	8	8	0.10564294E-02
3	5	3	3	5	4	6	2	6	0.23659610E-03	3	5	4	3	5	5	6	0	6	0.21793633E-02
3	5	3	3	5	4	6	4	2	-0.24271364E-02	3	5	4	3	5	5	6	2	4	0.26642732E-02
3	5	3	3	5	4	6	4	4	0.93640511E-03	3	5	4	3	5	5	6	2	6	-0.12050209E-02
3	5	3	3	5	4	6	4	6	-0.27354585E-03	3	5	4	3	5	5	6	2	8	0.44417575E-03
3	5	3	3	5	4	6	6	2	0.67071399E-03	3	5	4	3	5	5	6	4	2	0.30726124E-02
3	5	3	3	5	4	6	6	4	-0.97974961E-03	3	5	4	3	5	5	6	4	4	-0.16560641E-02
3	5	3	3	5	4	6	6	6	0.44372682E-03	3	5	4	3	5	5	6	4	6	0.11023169E-02
3	5	3	3	5	4	6	8	2	0.27155352E-02	3	5	4	3	5	5	6	4	8	-0.41043920E-03
3	5	3	3	5	4	6	8	4	-0.55721601E-03	3	5	4	3	5	5	6	6	2	-0.33182065E-03
3	5	3	3	5	4	6	8	6	-0.85524391E-03	3	5	4	3	5	5	6	6	4	0.61009833E-03
3	5	4	3	5	5	0	2	2	0.98444483E-02	3	5	4	3	5	5	6	6	6	-0.10372847E-02
3	5	4	3	5	5	0	4	4	0.39845529E-02	3	5	4	3	5	5	6	6	8	0.56986021E-03
3	5	4	3	5	5	0	6	6	-0.35033634E-02	3	5	4	3	5	5	6	8	2	-0.13434497E-02
3	5	4	3	5	5	0	8	8	-0.13689035E-02	3	5	4	3	5	5	6	8	4	0.47681323E-03
3	5	4	3	5	5	2	0	2	-0.35855023E-02	3	5	4	3	5	5	6	8	6	-0.80094138E-04
3	5	4	3	5	5	2	2	2	-0.16012812E-02	3	5	4	3	5	5	6	8	8	-0.89539210E-03
3	5	4	3	5	5	2	2	4	-0.41281336E-02	3	5	5	3	5	6	0	2	2	0.86462161E-02
3	5	4	3	5	5	2	4	2	-0.22760578E-02	3	5	5	3	5	6	0	4	4	0.48663129E-02
3	5	4	3	5	5	2	4	4	0.79067650E-03	3	5	5	3	5	6	0	6	6	-0.15836038E-02
3	5	4	3	5	5	2	4	6	-0.82384621E-03	3	5	5	3	5	6	0	8	8	-0.33309821E-02
3	5	4	3	5	5	2	6	4	0.14974529E-02	3	5	5	3	5	6	2	0	2	-0.70705927E-02
3	5	4	3	5	5	2	6	6	0.23024281E-02	3	5	5	3	5	6	2	2	2	-0.37149630E-03
3	5	4	3	5	5	2	6	8	0.25792895E-02	3	5	5	3	5	6	2	2	4	-0.34898139E-02
3	5	4	3	5	5	2	8	6	0.23713589E-02	3	5	5	3	5	6	2	4	2	-0.30229313E-02
3	5	4	3	5	5	2	8	8	0.12213596E-03	3	5	5	3	5	6	2	4	4	0.47820418E-03
3	5	4	3	5	5	4	0	4	0.25805668E-02	3	5	5	3	5	6	2	4	6	0.20751694E-03
3	5	4	3	5	5	4	2	2	-0.24752568E-02	3	5	5	3	5	6	2	6	4	-0.12836778E-02
3	5	4	3	5	5	4	2	4	-0.49947494E-03	3	5	5	3	5	6	2	6	6	0.18124277E-02

TABLE I.- X-COEFFICIENTS - Continued

(a) Integral parameters - Concluded

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5	5	3	5	6	2	6	8	C.23438346E-02
3	5	5	3	5	6	2	8	6	C.15212964E-02
3	5	5	3	5	6	2	8	8	C.12548281E-02
3	5	5	3	5	6	4	0	4	C.49489340E-02
3	5	5	3	5	6	4	2	2	C.17537595E-02
3	5	5	3	5	6	4	2	4	-C.22174329E-02
3	5	5	3	5	6	4	2	6	C.12387969E-02
3	5	5	3	5	6	4	4	2	C.13048424E-03
3	5	5	3	5	6	4	4	4	C.12790612E-03
3	5	5	3	5	6	4	4	6	-C.15421628E-02
3	5	5	3	5	6	4	4	8	-C.11739909E-02
3	5	5	3	5	6	4	6	2	C.21481898E-02
3	5	5	3	5	6	4	6	4	-C.48240056E-03
3	5	5	3	5	6	4	6	6	-C.11509222E-03
3	5	5	3	5	6	4	6	8	-C.67028647E-03
3	5	5	3	5	6	4	8	4	C.18235839E-02
3	5	5	3	5	6	4	8	6	-C.10425232E-02
3	5	5	3	5	6	4	8	8	C.44433784E-03
3	5	5	3	5	6	6	0	6	-C.44020981E-02
3	5	5	3	5	6	6	2	4	-C.30087052E-02
3	5	5	3	5	6	6	2	6	C.21689313E-02
3	5	5	3	5	6	6	2	8	-C.18253887E-02
3	5	5	3	5	6	6	4	2	-C.21125983E-02
3	5	5	3	5	6	6	4	4	C.12804270E-02
3	5	5	3	5	6	6	4	6	-C.14158002E-02
3	5	5	3	5	6	6	4	8	C.13402319E-02
3	5	5	3	5	6	6	6	2	C.10777506E-03
3	5	5	3	5	6	6	6	4	-C.21767054E-03
3	5	5	3	5	6	6	6	6	C.47523513E-03
3	5	5	3	5	6	6	6	8	-C.10990508E-02
3	5	5	3	5	6	6	8	2	C.43635138E-03
3	5	5	3	5	6	6	8	4	-C.18612203E-03
3	5	5	3	5	6	6	8	6	C.11346721E-03
3	5	5	3	5	6	6	8	8	C.43408546E-04

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters

Parameters: a b c d e f g h k	X(abc,def,ghk)	Parameters: a b c d e f g h k	X(abc,def,ghk)
1 3/2 1/2 1 3/2 1/2 2 2 0	0.64549716E-01	1 7/2 9/2 1 7/2 9/2 2 6 4	0.5194149CE-03
1 3/2 3/2 1 3/2 3/2 2 2 0	-0.36514834E-01	1 7/2 9/2 1 7/2 9/2 2 6 6	-0.13464773E-02
1 3/2 3/2 1 3/2 3/2 2 2 2	0.30550501E-01	1 7/2 9/2 1 7/2 9/2 2 6 8	0.10938834E-01
1 3/2 5/2 1 3/2 5/2 2 2 0	0.74535590E-02	1 9/2 7/2 1 9/2 7/2 2 2 0	0.12360329E-01
1 3/2 5/2 1 3/2 5/2 2 2 2	-0.66666656E-02	1 9/2 7/2 1 9/2 7/2 2 2 2	-0.45133539E-02
1 3/2 5/2 1 3/2 5/2 2 2 4	0.25819885E-01	1 9/2 7/2 1 9/2 7/2 2 2 4	0.17568207E-02
1 5/2 3/2 1 5/2 3/2 2 2 0	0.27888664E-01	1 9/2 7/2 1 9/2 7/2 2 4 2	0.93952958E-02
1 5/2 3/2 1 5/2 3/2 2 2 2	-0.66666656E-02	1 9/2 7/2 1 9/2 7/2 2 4 4	-0.25989974E-02
1 5/2 3/2 1 5/2 3/2 2 4 2	0.25819885E-01	1 9/2 7/2 1 9/2 7/2 2 4 6	0.51941491E-03
1 5/2 5/2 1 5/2 5/2 2 2 0	-0.26023999E-01	1 9/2 7/2 1 9/2 7/2 2 6 4	0.99099048E-02
1 5/2 5/2 1 5/2 5/2 2 2 2	0.17041776E-01	1 9/2 7/2 1 9/2 7/2 2 6 6	-0.13464773E-02
1 5/2 5/2 1 5/2 5/2 2 2 4	-0.96589047E-02	1 9/2 7/2 1 9/2 7/2 2 8 6	0.10938834E-01
1 5/2 5/2 1 5/2 5/2 2 4 2	-0.96589048E-02	1 9/2 9/2 1 9/2 9/2 2 2 0	-0.16080602E-01
1 5/2 5/2 1 5/2 5/2 2 4 4	0.16246547E-01	1 9/2 9/2 1 9/2 9/2 2 2 2	0.92577271E-02
1 5/2 7/2 1 5/2 7/2 2 2 0	0.70429514E-02	1 9/2 9/2 1 9/2 9/2 2 2 4	-0.77085985E-02
1 5/2 7/2 1 5/2 7/2 2 2 2	-0.55108330E-02	1 9/2 9/2 1 9/2 9/2 2 4 2	-0.77085985E-02
1 5/2 7/2 1 5/2 7/2 2 2 4	0.14157587E-01	1 9/2 9/2 1 9/2 9/2 2 4 4	0.74564043E-02
1 5/2 7/2 1 5/2 7/2 2 4 2	0.14228909E-02	1 9/2 9/2 1 9/2 9/2 2 4 6	-0.47782812E-02
1 5/2 7/2 1 5/2 7/2 2 4 4	-0.25978316E-02	1 9/2 9/2 1 9/2 9/2 2 6 4	-0.47782812E-02
1 5/2 7/2 1 5/2 7/2 2 4 6	0.15748517E-01	1 9/2 9/2 1 9/2 9/2 2 6 6	0.72771982E-02
1 7/2 5/2 1 7/2 5/2 2 2 0	0.17251637E-01	1 9/2 9/2 1 9/2 9/2 2 6 8	-0.25157550E-02
1 7/2 5/2 1 7/2 5/2 2 2 2	-0.55108330E-02	1 9/2 9/2 1 9/2 9/2 2 8 6	-0.25157549E-02
1 7/2 5/2 1 7/2 5/2 2 2 4	0.14228909E-02	1 9/2 9/2 1 9/2 9/2 2 8 8	0.76886407E-02
1 7/2 5/2 1 7/2 5/2 2 4 2	0.14157587E-01	2 3/2 1/2 2 3/2 1/2 2 2 0	0.59160791E-01
1 7/2 5/2 1 7/2 5/2 2 4 4	-0.25978315E-02	2 3/2 3/2 2 3/2 3/2 2 2 0	-0.
1 7/2 5/2 1 7/2 5/2 2 6 4	0.15748517E-01	2 3/2 3/2 2 3/2 3/2 2 2 2	0.19999997E-01
1 7/2 7/2 1 7/2 7/2 2 2 0	-0.19920474E-01	2 3/2 3/2 2 3/2 3/2 4 2 2	0.19999997E-01
1 7/2 7/2 1 7/2 7/2 2 2 2	0.11950026E-01	2 3/2 5/2 2 3/2 5/2 2 2 0	-0.24397498E-01
1 7/2 7/2 1 7/2 7/2 2 2 4	-0.88986006E-02.	2 3/2 5/2 2 3/2 5/2 2 2 2	0.14340030E-01
1 7/2 7/2 1 7/2 7/2 2 4 2	-0.88986006E-02	2 3/2 5/2 2 3/2 5/2 2 2 4	0.12073630E-01
1 7/2 7/2 1 7/2 7/2 2 4 4	0.10215632E-01	2 3/2 5/2 2 3/2 5/2 4 2 2	-0.74917554E-02
1 7/2 7/2 1 7/2 7/2 2 4 6	-0.44767936E-02	2 3/2 5/2 2 3/2 5/2 4 2 4	0.12584521E-01
1 7/2 7/2 1 7/2 7/2 2 6 4	-0.44767936E-02	2 3/2 7/2 2 3/2 7/2 2 2 0	0.84515415E-02
1 7/2 7/2 1 7/2 7/2 2 6 6	0.10644938E-01	2 3/2 7/2 2 3/2 7/2 2 2 2	-0.66129996E-02
1 7/2 9/2 1 7/2 9/2 2 2 0	0.62360947E-02	2 3/2 7/2 2 3/2 7/2 2 2 4	0.16989103E-01
1 7/2 9/2 1 7/2 9/2 2 2 2	-0.45133537E-02	2 3/2 7/2 2 3/2 7/2 4 2 2	0.11021566E-02
1 7/2 9/2 1 7/2 9/2 2 2 4	0.93952958E-02	2 3/2 7/2 2 3/2 7/2 4 2 4	-0.20122717E-02
1 7/2 9/2 1 7/2 9/2 2 4 2	0.17568207E-02	2 3/2 7/2 2 3/2 7/2 4 2 6	0.12198748E-01
1 7/2 9/2 1 7/2 9/2 2 4 4	-0.25989974E-02	2 5/2 1/2 2 5/2 1/2 2 2 0	0.51639772E-01
1 7/2 9/2 1 7/2 9/2 2 4 6	0.99098049E-02	2 5/2 1/2 2 5/2 1/2 4 4 0	0.24845196E-01

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	5/2	3/2	2	5/2	3/2	2	2	0	0.13041011E-01	2	5/2	9/2	2	5/2	9/2	4	4	4	0.29997176E-03
2	5/2	3/2	2	5/2	3/2	2	2	2	0.14340030E-01	2	5/2	9/2	2	5/2	9/2	4	4	6	-C.96600079E-03
2	5/2	3/2	2	5/2	3/2	2	4	2	0.12073630E-01	2	5/2	9/2	2	5/2	9/2	4	4	8	0.82817318E-02
2	5/2	3/2	2	5/2	3/2	4	2	2	-0.74817554E-C2	2	7/2	3/2	2	7/2	3/2	2	2	0	0.27664162E-01
2	5/2	3/2	2	5/2	3/2	4	4	C	-0.20077950E-01	2	7/2	3/2	2	7/2	3/2	2	2	2	-C.66129996E-02
2	5/2	3/2	2	5/2	3/2	4	4	2	0.12584521E-01	2	7/2	3/2	2	7/2	3/2	2	4	2	0.16989103E-01
2	5/2	5/2	2	5/2	5/2	2	2	0	-0.10647941E-01	2	7/2	3/2	2	7/2	3/2	4	2	2	0.11021666E-02
2	5/2	5/2	2	5/2	5/2	2	2	2	0.13197277E-01	2	7/2	3/2	2	7/2	3/2	4	4	0	0.88288062E-02
2	5/2	5/2	2	5/2	5/2	2	2	4	0.79040462E-02	2	7/2	3/2	2	7/2	3/2	4	4	2	-C.20122717E-02
2	5/2	5/2	2	5/2	5/2	2	4	2	0.79040463E-02	2	7/2	3/2	2	7/2	3/2	4	6	2	0.12198748E-01
2	5/2	5/2	2	5/2	5/2	2	4	4	0.53179307E-02	2	7/2	5/2	2	7/2	5/2	2	2	0	0.37646157E-02
2	5/2	5/2	2	5/2	5/2	4	2	2	0.10816325E-01	2	7/2	5/2	2	7/2	5/2	2	2	2	C.74558867E-02
2	5/2	5/2	2	5/2	5/2	4	2	4	-0.61788774E-02	2	7/2	5/2	2	7/2	5/2	2	2	4	-C.71415059E-02
2	5/2	5/2	2	5/2	5/2	4	4	C	0.92213874E-02	2	7/2	5/2	2	7/2	5/2	2	4	2	0.968C2412E-02
2	5/2	5/2	2	5/2	5/2	4	4	2	-0.61788774E-02	2	7/2	5/2	2	7/2	5/2	2	4	4	C.7747542CE-02
2	5/2	5/2	2	5/2	5/2	4	4	4	0.90950610E-02	2	7/2	5/2	2	7/2	5/2	2	6	4	C.3436608CE-02
2	5/2	7/2	2	5/2	7/2	2	2	C	-0.15676359E-01	2	7/2	5/2	2	7/2	5/2	4	2	2	-0.54516160E-02
2	5/2	7/2	2	5/2	7/2	2	2	2	0.74558868E-C2	2	7/2	5/2	2	7/2	5/2	4	2	4	0.16181947E-02
2	5/2	7/2	2	5/2	7/2	2	2	4	0.968C2412E-02	2	7/2	5/2	2	7/2	5/2	4	4	C	-C.12815449E-01
2	5/2	7/2	2	5/2	7/2	2	4	2	-0.71415059E-02	2	7/2	5/2	2	7/2	5/2	4	4	2	0.65379149E-02
2	5/2	7/2	2	5/2	7/2	2	4	4	0.77475421E-C2	2	7/2	5/2	2	7/2	5/2	4	4	4	-0.25854313E-02
2	5/2	7/2	2	5/2	7/2	2	4	6	0.34366081E-02	2	7/2	5/2	2	7/2	5/2	4	6	2	-C.70986274E-02
2	5/2	7/2	2	5/2	7/2	4	2	2	-0.5451616CE-02	2	7/2	5/2	2	7/2	5/2	4	6	4	C.76369070E-02
2	5/2	7/2	2	5/2	7/2	4	2	4	0.65379149E-C2	2	7/2	7/2	2	7/2	7/2	2	2	0	-0.10432809E-01
2	5/2	7/2	2	5/2	7/2	4	2	6	-0.70986275E-02	2	7/2	7/2	2	7/2	7/2	2	2	2	0.89115634E-02
2	5/2	7/2	2	5/2	7/2	4	4	C	-0.23662091E-02	2	7/2	7/2	2	7/2	7/2	2	2	4	0.11651002E-02
2	5/2	7/2	2	5/2	7/2	4	4	2	0.16181947E-02	2	7/2	7/2	2	7/2	7/2	2	4	2	0.11651C02E-02
2	5/2	7/2	2	5/2	7/2	4	4	4	-0.25854313E-C2	2	7/2	7/2	2	7/2	7/2	2	4	4	0.70099995E-02
2	5/2	7/2	2	5/2	7/2	4	4	6	0.76369071E-C2	2	7/2	7/2	2	7/2	7/2	2	4	6	C.58614984E-02
2	5/2	9/2	2	5/2	9/2	2	2	C	0.82478599E-C2	2	7/2	7/2	2	7/2	7/2	2	6	4	0.58614984E-02
2	5/2	9/2	2	5/2	9/2	2	2	2	-0.59693625E-02	2	7/2	7/2	2	7/2	7/2	2	6	6	0.13937364E-02
2	5/2	9/2	2	5/2	9/2	2	2	4	0.12426218E-01	2	7/2	7/2	2	7/2	7/2	4	2	2	0.76417223E-02
2	5/2	9/2	2	5/2	9/2	2	4	2	0.15412828E-02	2	7/2	7/2	2	7/2	7/2	4	2	4	-C.49680042E-02
2	5/2	9/2	2	5/2	9/2	2	4	4	-0.22801360E-02	2	7/2	7/2	2	7/2	7/2	4	2	6	0.25097438E-02
2	5/2	9/2	2	5/2	9/2	2	4	6	0.86940072E-C2	2	7/2	7/2	2	7/2	7/2	4	4	0	0.83238786E-02
2	5/2	9/2	2	5/2	9/2	4	2	2	0.99489377E-03	2	7/2	7/2	2	7/2	7/2	4	4	2	-C.4968C042E-02
2	5/2	9/2	2	5/2	9/2	4	2	4	-0.14718214E-02	2	7/2	7/2	2	7/2	7/2	4	4	4	C.52365502E-02
2	5/2	9/2	2	5/2	9/2	4	2	6	0.56119577E-C2	2	7/2	7/2	2	7/2	7/2	4	4	6	-0.29307492E-02
2	5/2	9/2	2	5/2	9/2	4	4	C	0.26455022E-03	2	7/2	7/2	2	7/2	7/2	4	6	2	C.25097437E-02
2	5/2	9/2	2	5/2	9/2	4	4	2	-0.18255699E-03	2	7/2	7/2	2	7/2	7/2	4	6	4	-0.29307492E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	7/2	7/2	2	7/2	7/2	4	6	6	0.60573667E-02	2	9/2	7/2	2	9/2	7/2	2	4	4	0.52369098E-02
2	7/2	9/2	2	7/2	9/2	2	2	0	-0.11081024E-01	2	9/2	7/2	2	9/2	7/2	2	4	6	-0.31839816E-02
2	7/2	9/2	2	7/2	9/2	2	2	2	0.47965646E-02	2	9/2	7/2	2	9/2	7/2	2	6	4	0.59819713E-02
2	7/2	9/2	2	7/2	9/2	2	2	4	0.56713920E-02	2	9/2	7/2	2	9/2	7/2	2	6	6	0.47279184E-02
2	7/2	9/2	2	7/2	9/2	2	4	2	-0.64674964E-02	2	9/2	7/2	2	9/2	7/2	2	8	6	0.65101363E-03
2	7/2	9/2	2	7/2	9/2	2	4	4	0.52369098E-02	2	9/2	7/2	2	9/2	7/2	4	2	2	-0.42465584E-02
2	7/2	9/2	2	7/2	9/2	2	4	6	0.59819712E-02	2	9/2	7/2	2	9/2	7/2	4	2	4	0.17196130E-02
2	7/2	9/2	2	7/2	9/2	2	6	4	-0.31839816E-02	2	9/2	7/2	2	9/2	7/2	4	2	6	-0.51479506E-03
2	7/2	9/2	2	7/2	9/2	2	6	6	0.47279184E-02	2	9/2	7/2	2	9/2	7/2	4	4	0	-0.91309033E-02
2	7/2	9/2	2	7/2	9/2	2	6	8	0.65101372E-03	2	9/2	7/2	2	9/2	7/2	4	4	2	0.44278544E-02
2	7/2	9/2	2	7/2	9/2	4	2	2	-0.42465584E-02	2	9/2	7/2	2	9/2	7/2	4	4	4	-0.22558387E-02
2	7/2	9/2	2	7/2	9/2	4	2	4	0.44278544E-02	2	9/2	7/2	2	9/2	7/2	4	4	6	0.61824884E-03
2	7/2	9/2	2	7/2	9/2	4	2	6	-0.57720049E-02	2	9/2	7/2	2	9/2	7/2	4	6	2	-0.57720048E-02
2	7/2	9/2	2	7/2	9/2	4	4	0	-0.27073103E-02	2	9/2	7/2	2	9/2	7/2	4	6	4	0.43811620E-02
2	7/2	9/2	2	7/2	9/2	4	4	2	0.17196130E-02	2	9/2	7/2	2	9/2	7/2	4	6	6	-0.13930964E-02
2	7/2	9/2	2	7/2	9/2	4	4	4	-0.22558387E-02	2	9/2	7/2	2	9/2	7/2	4	8	4	-0.38523735E-02
2	7/2	9/2	2	7/2	9/2	4	4	6	0.43811621E-02	2	9/2	7/2	2	9/2	7/2	4	8	6	0.54112849E-02
2	7/2	9/2	2	7/2	9/2	4	4	8	-0.38523735E-02	2	9/2	9/2	2	9/2	9/2	2	2	0	-0.92113221E-02
2	7/2	9/2	2	7/2	9/2	4	6	2	-0.51479506E-03	2	9/2	9/2	2	9/2	9/2	2	2	2	0.66666654E-02
2	7/2	9/2	2	7/2	9/2	4	6	4	0.61824884E-03	2	9/2	9/2	2	9/2	9/2	2	2	4	-0.12616155E-02
2	7/2	9/2	2	7/2	9/2	4	6	6	-0.13930964E-02	2	9/2	9/2	2	9/2	9/2	2	4	2	-0.12616155E-02
2	7/2	9/2	2	7/2	9/2	4	6	8	0.54112849E-02	2	9/2	9/2	2	9/2	9/2	2	4	4	0.55992097E-02
2	9/2	5/2	2	9/2	5/2	2	2	0	0.18687061E-01	2	9/2	9/2	2	9/2	9/2	2	4	6	0.27371044E-02
2	9/2	5/2	2	9/2	5/2	2	2	2	-0.59693625E-02	2	9/2	9/2	2	9/2	9/2	2	6	4	0.27371044E-02
2	9/2	5/2	2	9/2	5/2	2	2	4	0.15412828E-02	2	9/2	9/2	2	9/2	9/2	2	6	6	0.40545058E-02
2	9/2	5/2	2	9/2	5/2	2	4	2	0.12426218E-01	2	9/2	9/2	2	9/2	9/2	2	6	8	0.41173703E-02
2	9/2	5/2	2	9/2	5/2	2	4	4	-0.22801360E-02	2	9/2	9/2	2	9/2	9/2	2	8	6	0.41173704E-02
2	9/2	5/2	2	9/2	5/2	2	6	4	0.86940072E-02	2	9/2	9/2	2	9/2	9/2	2	8	8	0.72759576E-10
2	9/2	5/2	2	9/2	5/2	4	2	2	0.99489377E-03	2	9/2	9/2	2	9/2	9/2	4	2	2	0.59595946E-02
2	9/2	5/2	2	9/2	5/2	4	2	4	-0.18255699E-03	2	9/2	9/2	2	9/2	9/2	4	2	4	-0.40346599E-02
2	9/2	5/2	2	9/2	5/2	4	4	0	0.48324186E-02	2	9/2	9/2	2	9/2	9/2	4	2	6	0.28488685E-02
2	9/2	5/2	2	9/2	5/2	4	4	2	-0.14718214E-02	2	9/2	9/2	2	9/2	9/2	4	4	0	0.71460620E-02
2	9/2	5/2	2	9/2	5/2	4	4	4	0.29997176E-03	2	9/2	9/2	2	9/2	9/2	4	4	2	-0.40346599E-02
2	9/2	5/2	2	9/2	5/2	4	6	2	0.56119577E-02	2	9/2	9/2	2	9/2	9/2	4	4	4	0.37586751E-02
2	9/2	5/2	2	9/2	5/2	4	6	4	-0.96600083E-03	2	9/2	9/2	2	9/2	9/2	4	4	6	-0.27371043E-02
2	9/2	5/2	2	9/2	5/2	4	8	4	0.82817320E-02	2	9/2	9/2	2	9/2	9/2	4	4	8	0.11174182E-02
2	9/2	7/2	2	9/2	7/2	2	2	0	0.73561222E-03	2	9/2	9/2	2	9/2	9/2	4	6	2	0.28488685E-02
2	9/2	7/2	2	9/2	7/2	2	2	2	0.47965646E-02	2	9/2	9/2	2	9/2	9/2	4	6	4	-0.27371043E-02
2	9/2	7/2	2	9/2	7/2	2	2	4	-0.64674964E-02	2	9/2	9/2	2	9/2	9/2	4	6	6	0.37445538E-02
2	9/2	7/2	2	9/2	7/2	2	4	2	0.56713920E-02	2	9/2	9/2	2	9/2	9/2	4	6	8	-0.17111985E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	9/2	9/2	2	9/2	9/2	4	8	4	0.11174182E-02
2	9/2	9/2	2	9/2	9/2	4	8	6	-0.17111985E-02
2	9/2	9/2	2	9/2	9/2	4	8	8	0.44603294E-02
3	3/2	3/2	3	3/2	3/2	2	2	0	0.29276998E-01
3	3/2	3/2	3	3/2	3/2	2	2	2	-0.69985412E-02
3	3/2	3/2	3	3/2	3/2	4	2	2	0.21189136E-01
3	3/2	5/2	3	3/2	5/2	2	2	0	-0.59761420E-02
3	3/2	5/2	3	3/2	5/2	2	2	2	0.11072250E-01
3	3/2	5/2	3	3/2	5/2	2	2	4	-0.83793663E-02
3	3/2	5/2	3	3/2	5/2	4	2	2	0.69357728E-02
3	3/2	5/2	3	3/2	5/2	4	2	4	0.10605603E-01
3	3/2	5/2	3	3/2	5/2	6	2	4	0.10309824E-01
3	3/2	7/2	3	3/2	7/2	2	2	0	-0.17251636E-01
3	3/2	7/2	3	3/2	7/2	2	2	2	0.89991528E-02
3	3/2	7/2	3	3/2	7/2	2	2	4	0.38532072E-02
3	3/2	7/2	3	3/2	7/2	4	2	2	-0.81738865E-02
3	3/2	7/2	3	3/2	7/2	4	2	4	0.85922644E-02
3	3/2	7/2	3	3/2	7/2	4	2	6	0.82243949E-02
3	3/2	7/2	3	3/2	7/2	6	2	4	-0.29307494E-02
3	3/2	7/2	3	3/2	7/2	6	2	6	0.69686822E-02
3	3/2	9/2	3	3/2	9/2	2	2	0	0.77151664E-02
3	3/2	9/2	3	3/2	9/2	2	2	2	-0.55838274E-02
3	3/2	9/2	3	3/2	9/2	2	2	4	0.11623663E-01
3	3/2	9/2	3	3/2	9/2	4	2	2	0.18442775E-02
3	3/2	9/2	3	3/2	9/2	4	2	4	-0.27283790E-02
3	3/2	9/2	3	3/2	9/2	4	2	6	0.10403128E-01
3	3/2	9/2	3	3/2	9/2	6	2	4	0.34003688E-03
3	3/2	9/2	3	3/2	9/2	6	2	6	-0.88147641E-03
3	3/2	9/2	3	3/2	9/2	6	2	8	0.71611479E-02
3	5/2	1/2	3	5/2	1/2	2	2	0	0.45175388E-01
3	5/2	1/2	3	5/2	1/2	4	4	0	0.26322415E-01
3	5/2	3/2	3	5/2	3/2	2	2	0	0.17569102E-01
3	5/2	3/2	3	5/2	3/2	2	2	2	0.11072250E-01
3	5/2	3/2	3	5/2	3/2	2	4	2	-0.83793663E-02
3	5/2	3/2	3	5/2	3/2	4	2	2	0.69357728E-02
3	5/2	3/2	3	5/2	3/2	4	4	0	-0.93063792E-02
3	5/2	3/2	3	5/2	3/2	4	4	2	0.10605603E-01
3	5/2	3/2	3	5/2	3/2	6	4	2	0.10309824E-01
3	5/2	5/2	3	5/2	5/2	2	2	0	-0.86940056E-03
3	5/2	5/2	3	5/2	5/2	2	2	2	0.10775531E-01

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5/2	5/2	3	5/2	5/2	2	2	4	0.59516782E-02
3	5/2	5/2	3	5/2	5/2	2	4	2	0.59516782E-02
3	5/2	5/2	3	5/2	5/2	2	4	4	-0.57894295E-02
3	5/2	5/2	3	5/2	5/2	4	2	2	0.85765550E-02
3	5/2	5/2	3	5/2	5/2	4	2	4	0.23143324E-02
3	5/2	5/2	3	5/2	5/2	4	4	0	-0.75986268E-02
3	5/2	5/2	3	5/2	5/2	4	4	2	0.23143324E-02
3	5/2	5/2	3	5/2	5/2	4	4	4	0.61318890E-02
3	5/2	5/2	3	5/2	5/2	6	2	4	-0.59994353E-02
3	5/2	5/2	3	5/2	5/2	6	4	2	-0.59994353E-02
3	5/2	5/2	3	5/2	5/2	6	4	4	0.64543645E-02
3	5/2	7/2	3	5/2	7/2	2	2	0	-0.11293846E-01
3	5/2	7/2	3	5/2	7/2	2	2	2	0.88369925E-02
3	5/2	7/2	3	5/2	7/2	2	2	4	0.67267095E-02
3	5/2	7/2	3	5/2	7/2	2	4	2	0.48169257E-02
3	5/2	7/2	3	5/2	7/2	2	4	4	0.92573296E-03
3	5/2	7/2	3	5/2	7/2	2	4	6	-0.56119578E-02
3	5/2	7/2	3	5/2	7/2	4	2	2	0.23782509E-02
3	5/2	7/2	3	5/2	7/2	4	2	4	0.48683842E-02
3	5/2	7/2	3	5/2	7/2	4	2	6	0.11964734E-02
3	5/2	7/2	3	5/2	7/2	4	4	0	0.87741385E-02
3	5/2	7/2	3	5/2	7/2	4	4	2	-0.50185387E-02
3	5/2	7/2	3	5/2	7/2	4	4	4	0.43577435E-02
3	5/2	7/2	3	5/2	7/2	4	4	6	0.41190412E-02
3	5/2	7/2	3	5/2	7/2	6	2	4	0.54361062E-02
3	5/2	7/2	3	5/2	7/2	6	2	6	-0.45620734E-02
3	5/2	7/2	3	5/2	7/2	6	4	2	0.21211205E-02
3	5/2	7/2	3	5/2	7/2	6	4	4	-0.24769351E-02
3	5/2	7/2	3	5/2	7/2	6	4	6	0.51194092E-02
3	5/2	9/2	3	5/2	9/2	2	2	0	-0.10101523E-01
3	5/2	9/2	3	5/2	9/2	2	2	2	0.39877889E-02
3	5/2	9/2	3	5/2	9/2	2	2	4	0.78400643E-02
3	5/2	9/2	3	5/2	9/2	2	4	2	-0.54342250E-02
3	5/2	9/2	3	5/2	9/2	2	4	4	0.50774273E-02
3	5/2	9/2	3	5/2	9/2	2	4	6	-0.16133244E-02
3	5/2	9/2	3	5/2	9/2	4	2	2	-0.60124242E-02
3	5/2	9/2	3	5/2	9/2	4	2	4	0.51058445E-02
3	5/2	9/2	3	5/2	9/2	4	2	6	0.32332421E-02
3	5/2	9/2	3	5/2	9/2	4	4	0	-0.33888348E-02
3	5/2	9/2	3	5/2	9/2	4	4	2	0.21371145E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5/2	9/2	3	5/2	9/2	4	4	4	-0.27394450E-02	3	7/2	5/2	3	7/2	5/2	6	6	2	-0.45620734E-02
3	5/2	9/2	3	5/2	9/2	4	4	6	0.49141857E-02	3	7/2	5/2	3	7/2	5/2	6	6	4	0.51194091E-02
3	5/2	9/2	3	5/2	9/2	4	4	8	0.35531635E-02	3	7/2	7/2	3	7/2	7/2	2	2	0	-0.53239706E-02
3	5/2	9/2	3	5/2	9/2	6	2	4	-0.19967119E-02	3	7/2	7/2	3	7/2	7/2	2	2	2	0.80538765E-02
3	5/2	9/2	3	5/2	9/2	6	2	6	0.32525297E-02	3	7/2	7/2	3	7/2	7/2	2	2	4	0.51889112E-02
3	5/2	9/2	3	5/2	9/2	6	2	8	-0.51142601E-02	3	7/2	7/2	3	7/2	7/2	2	4	2	0.51889112E-02
3	5/2	9/2	3	5/2	9/2	6	4	2	-0.43508124E-03	3	7/2	7/2	3	7/2	7/2	2	4	4	0.27093096E-02
3	5/2	9/2	3	5/2	9/2	6	4	4	0.52251563E-03	3	7/2	7/2	3	7/2	7/2	2	4	6	0.32631100E-03
3	5/2	9/2	3	5/2	9/2	6	4	6	-0.11773813E-02	3	7/2	7/2	3	7/2	7/2	2	6	4	0.32631103E-03
3	5/2	9/2	3	5/2	9/2	6	4	8	0.45733704E-02	3	7/2	7/2	3	7/2	7/2	2	6	6	-0.36208489E-02
3	7/2	1/2	3	7/2	1/2	2	2	0	0.39929778E-01	3	7/2	7/2	3	7/2	7/2	4	2	2	0.55801114E-02
3	7/2	1/2	3	7/2	1/2	4	4	0	0.25253810E-01	3	7/2	7/2	3	7/2	7/2	4	2	4	-0.12179736E-02
3	7/2	1/2	3	7/2	1/2	6	6	0	0.13103558E-01	3	7/2	7/2	3	7/2	7/2	4	2	6	-0.44609089E-02
3	7/2	3/2	3	7/2	3/2	2	2	0	0.18823078E-01	3	7/2	7/2	3	7/2	7/2	4	4	0	-0.51017801E-03
3	7/2	3/2	3	7/2	3/2	2	2	2	0.89991528E-02	3	7/2	7/2	3	7/2	7/2	4	4	2	-0.12179736E-02
3	7/2	3/2	3	7/2	3/2	2	4	2	0.38532072E-02	3	7/2	7/2	3	7/2	7/2	4	4	4	0.44764478E-02
3	7/2	3/2	3	7/2	3/2	4	2	2	-0.81738865E-02	3	7/2	7/2	3	7/2	7/2	4	4	6	0.26944237E-02
3	7/2	3/2	3	7/2	3/2	4	4	0	-0.19841266E-02	3	7/2	7/2	3	7/2	7/2	4	6	2	-0.44609089E-02
3	7/2	3/2	3	7/2	3/2	4	4	2	0.85922644E-02	3	7/2	7/2	3	7/2	7/2	4	6	4	0.26944237E-02
3	7/2	3/2	3	7/2	3/2	4	6	2	0.82243947E-02	3	7/2	7/2	3	7/2	7/2	4	6	6	0.25988302E-02
3	7/2	3/2	3	7/2	3/2	6	4	2	-0.29307494E-02	3	7/2	7/2	3	7/2	7/2	6	2	4	-0.44400217E-02
3	7/2	3/2	3	7/2	3/2	6	6	0	-0.12354153E-01	3	7/2	7/2	3	7/2	7/2	6	2	6	0.19550746E-02
3	7/2	3/2	3	7/2	3/2	6	6	2	0.69686823E-02	3	7/2	7/2	3	7/2	7/2	6	4	2	-0.44400216E-02
3	7/2	5/2	3	7/2	5/2	2	2	0	0.46106937E-02	3	7/2	7/2	3	7/2	7/2	6	4	4	0.36165778E-02
3	7/2	5/2	3	7/2	5/2	2	2	2	0.88369925E-02	3	7/2	7/2	3	7/2	7/2	6	4	6	-0.23813710E-02
3	7/2	5/2	3	7/2	5/2	2	2	4	0.48169257E-02	3	7/2	7/2	3	7/2	7/2	6	6	0	-0.31766203E-02
3	7/2	5/2	3	7/2	5/2	2	4	2	0.67267095E-02	3	7/2	7/2	3	7/2	7/2	6	6	2	0.19550746E-02
3	7/2	5/2	3	7/2	5/2	2	4	4	0.92573296E-03	3	7/2	7/2	3	7/2	7/2	6	6	4	-0.23813710E-02
3	7/2	5/2	3	7/2	5/2	2	6	4	-0.56119577E-02	3	7/2	7/2	3	7/2	7/2	6	6	6	0.41553879E-02
3	7/2	5/2	3	7/2	5/2	4	2	2	0.23782509E-02	3	7/2	9/2	3	7/2	9/2	2	2	0	-0.97619031E-02
3	7/2	5/2	3	7/2	5/2	4	2	4	-0.50185388E-02	3	7/2	9/2	3	7/2	9/2	2	2	2	0.60468885E-02
3	7/2	5/2	3	7/2	5/2	4	4	0	-0.91801849E-02	3	7/2	9/2	3	7/2	9/2	2	2	4	0.56742041E-02
3	7/2	5/2	3	7/2	5/2	4	4	2	0.48683841E-02	3	7/2	9/2	3	7/2	9/2	2	4	2	-0.21952058E-03
3	7/2	5/2	3	7/2	5/2	4	4	4	0.43577436E-02	3	7/2	9/2	3	7/2	9/2	2	4	4	0.41135424E-02
3	7/2	5/2	3	7/2	5/2	4	6	2	0.11964734E-02	3	7/2	9/2	3	7/2	9/2	2	4	6	0.13414513E-02
3	7/2	5/2	3	7/2	5/2	4	6	4	0.41190412E-02	3	7/2	9/2	3	7/2	9/2	2	6	4	0.39374251E-02
3	7/2	5/2	3	7/2	5/2	6	2	4	0.21211205E-02	3	7/2	9/2	3	7/2	9/2	2	6	6	-0.12104422E-02
3	7/2	5/2	3	7/2	5/2	6	4	2	0.54361062E-02	3	7/2	9/2	3	7/2	9/2	2	6	8	-0.34550765E-02
3	7/2	5/2	3	7/2	5/2	6	4	4	-0.24769351E-02	3	7/2	9/2	3	7/2	9/2	4	2	2	0.13107844E-02
3	7/2	5/2	3	7/2	5/2	6	6	0	0.75653429E-02	3	7/2	9/2	3	7/2	9/2	4	2	4	0.25259883E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	7/2	9/2	3	7/2	9/2	4	2	6	-0.26753958E-02	3	9/2	5/2	3	9/2	5/2	4	2	4	0.21371146E-02
3	7/2	9/2	3	7/2	9/2	4	4	0	0.67306767E-02	3	9/2	5/2	3	9/2	5/2	4	4	0	-0.50351156E-02
3	7/2	9/2	3	7/2	9/2	4	4	2	-0.34351493E-02	3	9/2	5/2	3	9/2	5/2	4	4	2	0.51058445E-02
3	7/2	9/2	3	7/2	9/2	4	4	4	0.19677446E-02	3	9/2	5/2	3	9/2	5/2	4	4	4	-0.27394450E-02
3	7/2	9/2	3	7/2	9/2	4	4	6	0.35218133E-02	3	9/2	5/2	3	9/2	5/2	4	6	2	0.32332420E-02
3	7/2	9/2	3	7/2	9/2	4	4	8	0.22726110E-02	3	9/2	5/2	3	9/2	5/2	4	6	4	0.49141856E-02
3	7/2	9/2	3	7/2	9/2	4	6	2	0.26898293E-02	3	9/2	5/2	3	9/2	5/2	4	8	4	0.35531635E-02
3	7/2	9/2	3	7/2	9/2	4	6	4	-0.25009397E-02	3	9/2	5/2	3	9/2	5/2	6	2	4	-0.43508124E-03
3	7/2	9/2	3	7/2	9/2	4	6	6	0.30524825E-02	3	9/2	5/2	3	9/2	5/2	6	4	2	-0.19967119E-02
3	7/2	9/2	3	7/2	9/2	4	6	8	0.18241437E-02	3	9/2	5/2	3	9/2	5/2	6	4	4	0.52251565E-03
3	7/2	9/2	3	7/2	9/2	6	2	4	0.37777557E-02	3	9/2	5/2	3	9/2	5/2	6	6	0	-0.69596262E-02
3	7/2	9/2	3	7/2	9/2	6	2	6	-0.34003688E-02	3	9/2	5/2	3	9/2	5/2	6	6	2	0.32525297E-02
3	7/2	9/2	3	7/2	9/2	6	2	8	0.25113388E-02	3	9/2	5/2	3	9/2	5/2	6	6	4	-0.11773814E-02
3	7/2	9/2	3	7/2	9/2	6	4	2	0.20175220E-02	3	9/2	5/2	3	9/2	5/2	6	8	2	-0.51142601E-02
3	7/2	9/2	3	7/2	9/2	6	4	4	-0.19680792E-02	3	9/2	5/2	3	9/2	5/2	6	8	4	0.45733704E-02
3	7/2	9/2	3	7/2	9/2	6	4	6	0.28239586E-02	3	9/2	7/2	3	9/2	7/2	2	2	0	0.60062491E-03
3	7/2	9/2	3	7/2	9/2	6	4	8	-0.24376146E-02	3	9/2	7/2	3	9/2	7/2	2	2	2	0.60468885E-02
3	7/2	9/2	3	7/2	9/2	6	6	0	0.88789234E-03	3	9/2	7/2	3	9/2	7/2	2	2	4	-0.21952059E-03
3	7/2	9/2	3	7/2	9/2	6	6	2	-0.55140541E-03	3	9/2	7/2	3	9/2	7/2	2	4	2	0.56742040E-02
3	7/2	9/2	3	7/2	9/2	6	6	4	0.69073968E-03	3	9/2	7/2	3	9/2	7/2	2	4	4	0.41135424E-02
3	7/2	9/2	3	7/2	9/2	6	6	6	-0.13140489E-02	3	9/2	7/2	3	9/2	7/2	2	4	6	0.39374250E-02
3	7/2	9/2	3	7/2	9/2	6	6	8	0.36145131E-02	3	9/2	7/2	3	9/2	7/2	2	6	4	0.13414513E-02
3	9/2	3/2	3	9/2	3/2	2	2	0	0.23358826E-01	3	9/2	7/2	3	9/2	7/2	2	6	6	-0.12104422E-02
3	9/2	3/2	3	9/2	3/2	2	2	2	-0.55838274E-02	3	9/2	7/2	3	9/2	7/2	2	8	6	-0.34550765E-02
3	9/2	3/2	3	9/2	3/2	2	4	2	0.11623663E-01	3	9/2	7/2	3	9/2	7/2	4	2	2	0.13107844E-02
3	9/2	3/2	3	9/2	3/2	4	2	2	0.18442775E-02	3	9/2	7/2	3	9/2	7/2	4	2	4	-0.34351493E-02
3	9/2	3/2	3	9/2	3/2	4	4	0	0.11970715E-01	3	9/2	7/2	3	9/2	7/2	4	2	6	0.26898294E-02
3	9/2	3/2	3	9/2	3/2	4	4	2	-0.27283790E-02	3	9/2	7/2	3	9/2	7/2	4	4	0	-0.61560536E-02
3	9/2	3/2	3	9/2	3/2	4	6	2	0.10403128E-01	3	9/2	7/2	3	9/2	7/2	4	4	2	0.25259883E-02
3	9/2	3/2	3	9/2	3/2	6	4	2	0.34003688E-03	3	9/2	7/2	3	9/2	7/2	4	4	4	0.19677445E-02
3	9/2	3/2	3	9/2	3/2	6	6	0	0.39067262E-02	3	9/2	7/2	3	9/2	7/2	4	4	6	-0.25009397E-02
3	9/2	3/2	3	9/2	3/2	6	6	2	-0.88147641E-03	3	9/2	7/2	3	9/2	7/2	4	6	2	-0.26753958E-02
3	9/2	3/2	3	9/2	3/2	6	8	2	0.71611479E-02	3	9/2	7/2	3	9/2	7/2	4	6	4	0.35218134E-02
3	9/2	5/2	3	9/2	5/2	2	2	0	0.10403128E-01	3	9/2	7/2	3	9/2	7/2	4	6	6	0.30524825E-02
3	9/2	5/2	3	9/2	5/2	2	2	2	0.39877889E-02	3	9/2	7/2	3	9/2	7/2	4	8	4	0.22726109E-02
3	9/2	5/2	3	9/2	5/2	2	2	4	-0.54342251E-02	3	9/2	7/2	3	9/2	7/2	4	8	6	0.18241437E-02
3	9/2	5/2	3	9/2	5/2	2	4	2	0.78400642E-02	3	9/2	7/2	3	9/2	7/2	6	2	4	0.20175220E-02
3	9/2	5/2	3	9/2	5/2	2	4	4	0.50774273E-02	3	9/2	7/2	3	9/2	7/2	6	2	6	-0.55140541E-03
3	9/2	5/2	3	9/2	5/2	2	6	4	-0.16133243E-02	3	9/2	7/2	3	9/2	7/2	6	4	2	0.37777557E-02
3	9/2	5/2	3	9/2	5/2	4	2	2	-0.60124242E-02	3	9/2	7/2	3	9/2	7/2	6	4	4	-0.19680792E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	9/2	7/2	3	9/2	7/2	6	4	6	0.69073969E-03
3	9/2	7/2	3	9/2	7/2	6	6	0	0.62783469E-02
3	9/2	7/2	3	9/2	7/2	6	6	2	-0.34003688E-02
3	9/2	7/2	3	9/2	7/2	6	6	4	0.28239585E-02
3	9/2	7/2	3	9/2	7/2	6	6	6	-0.13140489E-02
3	9/2	7/2	3	9/2	7/2	6	8	2	0.25113388E-02
3	9/2	7/2	3	9/2	7/2	6	8	4	-0.24376146E-02
3	9/2	7/2	3	9/2	7/2	6	8	6	0.36145131E-02
3	9/2	9/2	3	9/2	9/2	2	2	0	-0.59093675E-02
3	9/2	9/2	3	9/2	9/2	2	2	2	0.60088482E-02
3	9/2	9/2	3	9/2	9/2	2	2	4	0.21903875E-02
3	9/2	9/2	3	9/2	9/2	2	4	2	0.21903875E-02
3	9/2	9/2	3	9/2	9/2	2	4	4	0.40500245E-02
3	9/2	9/2	3	9/2	9/2	2	4	6	0.32785787E-02
3	9/2	9/2	3	9/2	9/2	2	6	4	0.32785787E-02
3	9/2	9/2	3	9/2	9/2	2	6	6	-0.25465316E-04
3	9/2	9/2	3	9/2	9/2	2	6	8	-0.12154268E-02
3	9/2	9/2	3	9/2	9/2	2	8	6	-0.12154268E-02
3	9/2	9/2	3	9/2	9/2	2	8	8	-0.22129431E-02
3	9/2	9/2	3	9/2	9/2	4	2	2	0.42125323E-02
3	9/2	9/2	3	9/2	9/2	4	2	4	-0.17835528E-02
3	9/2	9/2	3	9/2	9/2	4	2	6	-0.23006269E-02
3	9/2	9/2	3	9/2	9/2	4	4	0	0.16412538E-02
3	9/2	9/2	3	9/2	9/2	4	4	2	-0.17835528E-02
3	9/2	9/2	3	9/2	9/2	4	4	4	0.30266725E-02
3	9/2	9/2	3	9/2	9/2	4	4	6	0.38529403E-03
3	9/2	9/2	3	9/2	9/2	4	4	8	-0.27236977E-02
3	9/2	9/2	3	9/2	9/2	4	6	2	-0.23006268E-02
3	9/2	9/2	3	9/2	9/2	4	6	4	0.38529402E-03
3	9/2	9/2	3	9/2	9/2	4	6	6	0.30272085E-02
3	9/2	9/2	3	9/2	9/2	4	6	8	0.22186342E-02
3	9/2	9/2	3	9/2	9/2	4	8	4	-0.27236977E-02
3	9/2	9/2	3	9/2	9/2	4	8	6	0.22186342E-02
3	9/2	9/2	3	9/2	9/2	4	8	8	0.11565974E-02
3	9/2	9/2	3	9/2	9/2	6	2	4	-0.35068642E-02
3	9/2	9/2	3	9/2	9/2	6	2	6	0.19851319E-02
3	9/2	9/2	3	9/2	9/2	6	2	8	-0.87174534E-03
3	9/2	9/2	3	9/2	9/2	6	4	2	-0.35068642E-02
3	9/2	9/2	3	9/2	9/2	6	4	4	0.26155183E-02
3	9/2	9/2	3	9/2	9/2	6	4	6	-0.20162869E-02
3	9/2	9/2	3	9/2	9/2	6	4	8	0.87021995E-03
3	9/2	9/2	3	9/2	9/2	6	6	0	-0.34557072E-02
3	9/2	9/2	3	9/2	9/2	6	6	2	0.19851319E-02
3	9/2	9/2	3	9/2	9/2	6	6	4	-0.20162869E-02
3	9/2	9/2	3	9/2	9/2	6	6	6	0.24293037E-02
3	9/2	9/2	3	9/2	9/2	6	6	8	-0.14067808E-02
3	9/2	9/2	3	9/2	9/2	6	8	2	-0.87174534E-03
3	9/2	9/2	3	9/2	9/2	6	8	4	0.87021994E-03
3	9/2	9/2	3	9/2	9/2	6	8	6	-0.14067808E-02
3	9/2	9/2	3	9/2	9/2	6	8	8	0.30768369E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
1	3/2	1/2	2	3/2	1/2	2	2	0	-0.49999995E-01
1	3/2	3/2	2	3/2	3/2	2	2	0	-0.31622773E-01
1	3/2	3/2	2	3/2	3/2	2	2	2	-0.23283064E-09
1	3/2	5/2	2	3/2	5/2	2	2	0	0.19720263E-01
1	3/2	5/2	2	3/2	5/2	2	2	2	-0.12598813E-01
1	3/2	5/2	2	3/2	5/2	2	2	4	0.32529997E-02
1	5/2	3/2	2	5/2	3/2	2	2	0	-0.31622773E-01
1	5/2	3/2	2	5/2	3/2	2	2	2	0.12598814E-01
1	5/2	3/2	2	5/2	3/2	2	4	2	-0.32529997E-02
1	5/2	5/2	2	5/2	5/2	2	2	0	-0.13801309E-01
1	5/2	5/2	2	5/2	5/2	2	2	2	0.
1	5/2	5/2	2	5/2	5/2	2	2	4	0.11952284E-01
1	5/2	5/2	2	5/2	5/2	2	4	2	-0.11952284E-01
1	5/2	5/2	2	5/2	5/2	2	4	4	-0.11641532E-09
1	5/2	7/2	2	5/2	7/2	2	2	0	0.16366339E-01
1	5/2	7/2	2	5/2	7/2	2	2	2	-0.99602371E-02
1	5/2	7/2	2	5/2	7/2	2	2	4	0.85294371E-02
1	5/2	7/2	2	5/2	7/2	2	4	2	0.42862034E-02
1	5/2	7/2	2	5/2	7/2	2	4	4	-0.46953006E-02
1	5/2	7/2	2	5/2	7/2	2	4	6	-0.13554165E-02
1	7/2	5/2	2	7/2	5/2	2	2	0	-0.22271767E-01
1	7/2	5/2	2	7/2	5/2	2	2	2	0.99602368E-02
1	7/2	5/2	2	7/2	5/2	2	2	4	-0.42862034E-02
1	7/2	5/2	2	7/2	5/2	2	4	2	-0.85294370E-02
1	7/2	5/2	2	7/2	5/2	2	4	4	0.46953008E-02
1	7/2	5/2	2	7/2	5/2	2	6	4	0.13554167E-02
1	7/2	7/2	2	7/2	7/2	2	2	0	-0.77151666E-02
1	7/2	7/2	2	7/2	7/2	2	2	2	0.58207661E-10
1	7/2	7/2	2	7/2	7/2	2	2	4	0.80416306E-02
1	7/2	7/2	2	7/2	7/2	2	4	2	-0.80416305E-02
1	7/2	7/2	2	7/2	7/2	2	4	4	0.11641532E-09
1	7/2	7/2	2	7/2	7/2	2	4	6	0.63574670E-02
1	7/2	7/2	2	7/2	7/2	2	6	4	-0.63574672E-02
1	7/2	7/2	2	7/2	7/2	2	6	6	0.87311491E-10
1	7/2	9/2	2	7/2	9/2	2	2	0	0.13540062E-01
1	7/2	9/2	2	7/2	9/2	2	2	2	-0.80178360E-02
1	7/2	9/2	2	7/2	9/2	2	2	4	0.80361456E-02
1	7/2	9/2	2	7/2	9/2	2	4	2	0.47392027E-02
1	7/2	9/2	2	7/2	9/2	2	4	4	-0.46170402E-02
1	7/2	9/2	2	7/2	9/2	2	4	6	0.32600864E-02
1	7/2	9/2	2	7/2	9/2	2	6	4	0.16745746E-02
1	7/2	9/2	2	7/2	9/2	2	6	6	-0.23919760E-02
1	7/2	9/2	2	7/2	9/2	2	6	8	-0.21591672E-02
1	9/2	7/2	2	9/2	7/2	2	2	0	-0.17078248E-01
1	9/2	7/2	2	9/2	7/2	2	2	2	0.80178362E-02
1	9/2	7/2	2	9/2	7/2	2	2	4	-0.47392027E-02
1	9/2	7/2	2	9/2	7/2	2	4	2	-0.80361458E-02
1	9/2	7/2	2	9/2	7/2	2	4	4	0.46170402E-02
1	9/2	7/2	2	9/2	7/2	2	4	6	-0.16745745E-02
1	9/2	7/2	2	9/2	7/2	2	6	4	-0.32600863E-02
1	9/2	7/2	2	9/2	7/2	2	6	6	0.23919760E-02
1	9/2	7/2	2	9/2	7/2	2	8	6	0.21591673E-02
1	9/2	9/2	2	9/2	9/2	2	2	0	-0.49236587E-02
1	9/2	9/2	2	9/2	9/2	2	2	2	0.87311491E-10
1	9/2	9/2	2	9/2	9/2	2	2	4	0.55072885E-02
1	9/2	9/2	2	9/2	9/2	2	4	2	-0.55072885E-02
1	9/2	9/2	2	9/2	9/2	2	4	4	0.58207661E-10
1	9/2	9/2	2	9/2	9/2	2	4	6	0.53644940E-02
1	9/2	9/2	2	9/2	9/2	2	6	4	-0.53644940E-02
1	9/2	9/2	2	9/2	9/2	2	6	6	0.87311491E-10
1	9/2	9/2	2	9/2	9/2	2	6	8	0.38514473E-02
1	9/2	9/2	2	9/2	9/2	2	8	6	-0.38514474E-02
1	9/2	9/2	2	9/2	9/2	2	8	8	-0.58207661E-10
2	3/2	3/2	3	3/2	3/2	2	2	0	-0.31622772E-01
2	3/2	3/2	3	3/2	3/2	2	2	2	-0.23283064E-09
2	3/2	3/2	3	3/2	3/2	4	2	2	-0.17462298E-09
2	3/2	5/2	3	3/2	5/2	2	2	0	-0.13801309E-01
2	3/2	5/2	3	3/2	5/2	2	2	2	-0.22043334E-02
2	3/2	5/2	3	3/2	5/2	2	2	4	-0.93910806E-02
2	3/2	5/2	3	3/2	5/2	4	2	2	-0.11690242E-01
2	3/2	5/2	3	3/2	5/2	4	2	4	0.31461303E-02
2	3/2	7/2	3	3/2	7/2	2	2	0	0.16366339E-01
2	3/2	7/2	3	3/2	7/2	2	2	2	-0.85373458E-02
2	3/2	7/2	3	3/2	7/2	2	2	4	-0.36554731E-02
2	3/2	7/2	3	3/2	7/2	4	2	2	0.40245434E-02
2	3/2	7/2	3	3/2	7/2	4	2	4	-0.47760553E-02
2	3/2	7/2	3	3/2	7/2	4	2	6	0.44543532E-02
2	5/2	1/2	3	5/2	1/2	2	2	0	-0.21821786E-01
2	5/2	1/2	3	5/2	1/2	4	4	0	-0.29695690E-01
2	5/2	3/2	3	5/2	3/2	2	2	0	-0.23975608E-01

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	5/2	3/2	3	5/2	3/2	2	2	2	0.22043334E-02	2	5/2	9/2	3	5/2	9/2	4	4	6	-0.19359494E-02
2	5/2	3/2	3	5/2	3/2	2	4	2	0.93910806E-02	2	5/2	9/2	3	5/2	9/2	4	4	8	0.70626841E-03
2	5/2	3/2	3	5/2	3/2	4	2	2	0.11690242E-01	2	7/2	3/2	3	7/2	3/2	2	2	0	-0.17857140E-01
2	5/2	3/2	3	5/2	3/2	4	4	0	-0.62743598E-02	2	7/2	3/2	3	7/2	3/2	2	2	2	0.85373458E-02
2	5/2	3/2	3	5/2	3/2	4	4	2	-0.31461304E-02	2	7/2	3/2	3	7/2	3/2	2	4	2	0.36554728E-02
2	5/2	5/2	3	5/2	5/2	2	2	0	-0.16598497E-01	2	7/2	3/2	3	7/2	3/2	4	2	2	-0.40245434E-02
2	5/2	5/2	3	5/2	5/2	2	2	2	-0.29103830E-09	2	7/2	3/2	3	7/2	3/2	4	4	0	-0.16119122E-01
2	5/2	5/2	3	5/2	5/2	2	2	4	0.10647941E-02	2	7/2	3/2	3	7/2	3/2	4	4	2	0.47760550E-02
2	5/2	5/2	3	5/2	5/2	2	4	2	-0.10647941E-02	2	7/2	3/2	3	7/2	3/2	4	6	2	-0.44543532E-02
2	5/2	5/2	3	5/2	5/2	2	4	4	-0.29103830E-10	2	7/2	5/2	3	7/2	5/2	2	2	0	-0.16835873E-01
2	5/2	5/2	3	5/2	5/2	4	2	2	-0.10913936E-10	2	7/2	5/2	3	7/2	5/2	2	2	2	0.37646158E-02
2	5/2	5/2	3	5/2	5/2	4	2	4	0.58858708E-02	2	7/2	5/2	3	7/2	5/2	2	2	4	0.72901469E-02
2	5/2	5/2	3	5/2	5/2	4	4	0	0.12548719E-01	2	7/2	5/2	3	7/2	5/2	2	4	2	-0.16119122E-02
2	5/2	5/2	3	5/2	5/2	4	4	2	-0.58858711E-02	2	7/2	5/2	3	7/2	5/2	2	4	4	-0.29577608E-03
2	5/2	5/2	3	5/2	5/2	4	4	4	-0.58207661E-10	2	7/2	5/2	3	7/2	5/2	2	6	4	0.46106937E-02
2	5/2	7/2	3	5/2	7/2	2	2	0	-0.20619648E-02	2	7/2	5/2	3	7/2	5/2	4	2	2	0.75422914E-02
2	5/2	7/2	3	5/2	7/2	2	2	2	-0.37646157E-02	2	7/2	5/2	3	7/2	5/2	4	2	4	-0.35820268E-02
2	5/2	7/2	3	5/2	7/2	2	2	4	0.16119121E-02	2	7/2	5/2	3	7/2	5/2	4	4	0	0.25328755E-02
2	5/2	7/2	3	5/2	7/2	2	4	2	-0.72901466E-02	2	7/2	5/2	3	7/2	5/2	4	4	2	-0.36180730E-02
2	5/2	7/2	3	5/2	7/2	2	4	4	0.29577616E-03	2	7/2	5/2	3	7/2	5/2	4	4	4	0.35769352E-02
2	5/2	7/2	3	5/2	7/2	2	4	6	-0.46106937E-02	2	7/2	5/2	3	7/2	5/2	4	6	2	-0.53313598E-02
2	5/2	7/2	3	5/2	7/2	4	2	2	-0.75422914E-02	2	7/2	5/2	3	7/2	5/2	4	6	4	-0.60375043E-03
2	5/2	7/2	3	5/2	7/2	4	2	4	0.36180729E-02	2	7/2	7/2	3	7/2	7/2	2	2	0	-0.96714731E-02
2	5/2	7/2	3	5/2	7/2	4	2	6	0.53313598E-02	2	7/2	7/2	3	7/2	7/2	2	2	2	-0.58207661E-10
2	5/2	7/2	3	5/2	7/2	4	4	0	-0.60796209E-02	2	7/2	7/2	3	7/2	7/2	2	2	4	0.54985730E-02
2	5/2	7/2	3	5/2	7/2	4	4	2	0.35820268E-02	2	7/2	7/2	3	7/2	7/2	2	4	2	-0.54985730E-02
2	5/2	7/2	3	5/2	7/2	4	4	4	-0.35769351E-02	2	7/2	7/2	3	7/2	7/2	2	4	4	0.
2	5/2	7/2	3	5/2	7/2	4	4	6	0.60375055E-03	2	7/2	7/2	3	7/2	7/2	2	4	6	-0.21735017E-02
2	5/2	9/2	3	5/2	9/2	2	2	0	0.13677529E-01	2	7/2	7/2	3	7/2	7/2	2	6	4	0.21735017E-02
2	5/2	9/2	3	5/2	9/2	2	2	2	-0.71993222E-02	2	7/2	7/2	3	7/2	7/2	2	6	6	-0.17462298E-09
2	5/2	9/2	3	5/2	9/2	2	2	4	0.18733230E-02	2	7/2	7/2	3	7/2	7/2	4	2	2	-0.29103830E-10
2	5/2	9/2	3	5/2	9/2	2	4	2	0.34853568E-02	2	7/2	7/2	3	7/2	7/2	4	2	4	0.33157643E-02
2	5/2	9/2	3	5/2	9/2	2	4	4	-0.27499476E-02	2	7/2	7/2	3	7/2	7/2	4	2	6	-0.43073042E-02
2	5/2	9/2	3	5/2	9/2	2	4	6	-0.39320127E-02	2	7/2	7/2	3	7/2	7/2	4	4	0	0.79365069E-02
2	5/2	9/2	3	5/2	9/2	4	2	2	0.33937930E-02	2	7/2	7/2	3	7/2	7/2	4	4	2	-0.33157644E-02
2	5/2	9/2	3	5/2	9/2	4	2	4	-0.37027621E-02	2	7/2	7/2	3	7/2	7/2	4	4	4	-0.65483619E-10
2	5/2	9/2	3	5/2	9/2	4	2	6	0.62216616E-02	2	7/2	7/2	3	7/2	7/2	4	4	6	0.30737957E-02
2	5/2	9/2	3	5/2	9/2	4	4	0	0.12408505E-02	2	7/2	7/2	3	7/2	7/2	4	6	2	0.43073042E-02
2	5/2	9/2	3	5/2	9/2	4	4	2	-0.78620992E-03	2	7/2	7/2	3	7/2	7/2	4	6	4	-0.30737957E-02
2	5/2	9/2	3	5/2	9/2	4	4	4	0.10232670E-02	2	7/2	7/2	3	7/2	7/2	4	6	6	0.11641532E-09

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	7/2	9/2	3	7/2	9/2	2	2	0	0.11664235E-02	2	9/2	7/2	3	9/2	7/2	2	4	6	0.39258803E-02
2	7/2	9/2	3	7/2	9/2	2	2	2	-0.35686441E-02	2	9/2	7/2	3	9/2	7/2	2	6	4	0.16850623E-02
2	7/2	9/2	3	7/2	9/2	2	2	4	0.43533925E-02	2	9/2	7/2	3	9/2	7/2	2	6	6	-0.48080522E-03
2	7/2	9/2	3	7/2	9/2	2	4	2	-0.43091749E-02	2	9/2	7/2	3	9/2	7/2	2	8	6	0.22785470E-02
2	7/2	9/2	3	7/2	9/2	2	4	4	-0.89491507E-03	2	9/2	7/2	3	9/2	7/2	4	2	2	0.56301942E-02
2	7/2	9/2	3	7/2	9/2	2	4	6	-0.16850624E-02	2	9/2	7/2	3	9/2	7/2	4	2	4	-0.33438624E-02
2	7/2	9/2	3	7/2	9/2	2	6	4	-0.39258802E-02	2	9/2	7/2	3	9/2	7/2	4	2	6	0.15015621E-02
2	7/2	9/2	3	7/2	9/2	2	6	6	0.48080520E-03	2	9/2	7/2	3	9/2	7/2	4	4	0	0.40353273E-02
2	7/2	9/2	3	7/2	9/2	2	6	8	-0.22785469E-02	2	9/2	7/2	3	9/2	7/2	4	4	2	-0.31309658E-02
2	7/2	9/2	3	7/2	9/2	4	2	2	-0.56301943E-02	2	9/2	7/2	3	9/2	7/2	4	4	4	0.29908478E-02
2	7/2	9/2	3	7/2	9/2	4	2	4	0.31309658E-02	2	9/2	7/2	3	9/2	7/2	4	4	6	-0.14207959E-02
2	7/2	9/2	3	7/2	9/2	4	2	6	0.15305339E-02	2	9/2	7/2	3	9/2	7/2	4	6	2	-0.15305338E-02
2	7/2	9/2	3	7/2	9/2	4	4	0	-0.59823673E-02	2	9/2	7/2	3	9/2	7/2	4	6	4	-0.15489747E-02
2	7/2	9/2	3	7/2	9/2	4	4	2	0.33438626E-02	2	9/2	7/2	3	9/2	7/2	4	6	6	0.18470022E-02
2	7/2	9/2	3	7/2	9/2	4	4	4	-0.29908480E-02	2	9/2	7/2	3	9/2	7/2	4	8	4	-0.37455541E-02
2	7/2	9/2	3	7/2	9/2	4	4	6	0.15489747E-02	2	9/2	7/2	3	9/2	7/2	4	8	6	0.58207661E-10
2	7/2	9/2	3	7/2	9/2	4	4	8	0.37455542E-02	2	9/2	9/2	3	9/2	9/2	2	2	0	-0.62764582E-02
2	7/2	9/2	3	7/2	9/2	4	6	2	-0.15015621E-02	2	9/2	9/2	3	9/2	9/2	2	2	2	0.58207661E-10
2	7/2	9/2	3	7/2	9/2	4	6	4	0.14207958E-02	2	9/2	9/2	3	9/2	9/2	2	2	4	0.50917499E-02
2	7/2	9/2	3	7/2	9/2	4	6	6	-0.18470022E-02	2	9/2	9/2	3	9/2	9/2	2	4	2	-0.50917499E-02
2	7/2	9/2	3	7/2	9/2	4	6	8	-0.29103830E-10	2	9/2	9/2	3	9/2	9/2	2	4	4	0.
2	9/2	5/2	3	9/2	5/2	2	2	0	-0.14085902E-01	2	9/2	9/2	3	9/2	9/2	2	4	6	0.15780957E-02
2	9/2	5/2	3	9/2	5/2	2	2	2	0.71993221E-02	2	9/2	9/2	3	9/2	9/2	2	6	4	-0.15780957E-02
2	9/2	5/2	3	9/2	5/2	2	2	4	-0.34853568E-02	2	9/2	9/2	3	9/2	9/2	2	6	6	-0.14551915E-10
2	9/2	5/2	3	9/2	5/2	2	4	2	-0.18733231E-02	2	9/2	9/2	3	9/2	9/2	2	6	8	-0.23738973E-02
2	9/2	5/2	3	9/2	5/2	2	4	4	0.27499477E-02	2	9/2	9/2	3	9/2	9/2	2	8	6	0.23739973E-02
2	9/2	5/2	3	9/2	5/2	2	6	4	0.39320128E-02	2	9/2	9/2	3	9/2	9/2	2	8	8	-0.72759576E-11
2	9/2	5/2	3	9/2	5/2	4	2	2	-0.33937930E-02	2	9/2	9/2	3	9/2	9/2	4	2	2	-0.72759576E-11
2	9/2	5/2	3	9/2	5/2	4	2	4	0.78620984E-03	2	9/2	9/2	3	9/2	9/2	4	2	4	0.20934823E-02
2	9/2	5/2	3	9/2	5/2	4	4	0	-0.10302751E-01	2	9/2	9/2	3	9/2	9/2	4	2	6	-0.38010994E-02
2	9/2	5/2	3	9/2	5/2	4	4	2	0.37027622E-02	2	9/2	9/2	3	9/2	9/2	4	4	0	0.52970136E-02
2	9/2	5/2	3	9/2	5/2	4	4	4	-0.10232671E-02	2	9/2	9/2	3	9/2	9/2	4	4	2	-0.20934822E-02
2	9/2	5/2	3	9/2	5/2	4	6	2	-0.62216616E-02	2	9/2	9/2	3	9/2	9/2	4	4	4	-0.29103830E-10
2	9/2	5/2	3	9/2	5/2	4	6	4	0.19359495E-02	2	9/2	9/2	3	9/2	9/2	4	4	6	0.22317644E-02
2	9/2	5/2	3	9/2	5/2	4	8	4	-0.70626853E-03	2	9/2	9/2	3	9/2	9/2	4	4	8	-0.21535423E-02
2	9/2	7/2	3	9/2	7/2	2	2	0	-0.12505408E-01	2	9/2	9/2	3	9/2	9/2	4	6	2	0.38010994E-02
2	9/2	7/2	3	9/2	7/2	2	2	2	0.35686439E-02	2	9/2	9/2	3	9/2	9/2	4	6	4	-0.22317644E-02
2	9/2	7/2	3	9/2	7/2	2	2	4	0.43091748E-02	2	9/2	9/2	3	9/2	9/2	4	6	6	-0.72759576E-11
2	9/2	7/2	3	9/2	7/2	2	4	2	-0.43533925E-02	2	9/2	9/2	3	9/2	9/2	4	6	8	0.19026370E-02
2	9/2	7/2	3	9/2	7/2	2	4	4	0.89491504E-03	2	9/2	9/2	3	9/2	9/2	4	8	4	0.21535422E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
2	9/2	9/2	3	9/2	9/2	4	8	6	-0.19026370E-02
2	9/2	9/2	3	9/2	9/2	4	8	8	0.
3	3/2	5/2	4	3/2	5/2	2	2	0	-0.22271767E-01
3	3/2	5/2	4	3/2	5/2	2	2	2	0.14228909E-02
3	3/2	5/2	4	3/2	5/2	2	2	4	0.30615740E-02
3	3/2	5/2	4	3/2	5/2	4	2	2	-0.66739504E-02
3	3/2	5/2	4	3/2	5/2	4	2	4	-0.22043333E-02
3	3/2	5/2	4	3/2	5/2	6	2	4	0.35860952E-02
3	3/2	7/2	4	3/2	7/2	2	2	0	-0.77151666E-02
3	3/2	7/2	4	3/2	7/2	2	2	2	-0.16098174E-02
3	3/2	7/2	4	3/2	7/2	2	2	4	-0.63184239E-02
3	3/2	7/2	4	3/2	7/2	4	2	2	-0.78653257E-02
3	3/2	7/2	4	3/2	7/2	4	2	4	-0.26109197E-03
3	3/2	7/2	4	3/2	7/2	4	2	6	-0.53814706E-02
3	3/2	7/2	4	3/2	7/2	6	2	4	-0.61164646E-02
3	3/2	7/2	4	3/2	7/2	6	2	6	0.31164894E-02
3	3/2	9/2	4	3/2	9/2	2	2	0	0.13540062E-01
3	3/2	9/2	4	3/2	9/2	2	2	2	-0.62360946E-02
3	3/2	9/2	4	3/2	9/2	2	2	4	-0.43271554E-02
3	3/2	9/2	4	3/2	9/2	4	2	2	0.44317994E-02
3	3/2	9/2	4	3/2	9/2	4	2	4	-0.39337776E-02
3	3/2	9/2	4	3/2	9/2	4	2	6	-0.71424915E-03
3	3/2	9/2	4	3/2	9/2	6	2	4	0.15371150E-02
3	3/2	9/2	4	3/2	9/2	6	2	6	-0.25113388E-02
3	3/2	9/2	4	3/2	9/2	6	2	8	0.40804425E-02
3	5/2	3/2	4	5/2	3/2	2	2	0	-0.17857140E-01
3	5/2	3/2	4	5/2	3/2	2	2	2	-0.14228910E-02
3	5/2	3/2	4	5/2	3/2	2	4	2	-0.30615740E-02
3	5/2	3/2	4	5/2	3/2	4	2	2	0.66739504E-02
3	5/2	3/2	4	5/2	3/2	4	4	0	-0.16119122E-01
3	5/2	3/2	4	5/2	3/2	4	4	2	0.22043332E-02
3	5/2	3/2	4	5/2	3/2	6	4	2	-0.35860951E-02
3	5/2	5/2	4	5/2	5/2	2	2	0	-0.16835873E-01
3	5/2	5/2	4	5/2	5/2	2	2	2	0.
3	5/2	5/2	4	5/2	5/2	2	2	4	-0.64801305E-02
3	5/2	5/2	4	5/2	5/2	2	4	2	0.64801306E-02
3	5/2	5/2	4	5/2	5/2	2	4	4	0.14551915E-10
3	5/2	5/2	4	5/2	5/2	4	2	2	-0.61845639E-10
3	5/2	5/2	4	5/2	5/2	4	2	4	0.34560695E-02
3	5/2	5/2	4	5/2	5/2	4	4	0	0.25328755E-02

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5/2	5/2	4	5/2	5/2	4	4	2	-0.34560695E-02
3	5/2	5/2	4	5/2	5/2	4	4	4	-0.58207661E-10
3	5/2	5/2	4	5/2	5/2	6	2	4	0.54216661E-02
3	5/2	5/2	4	5/2	5/2	6	4	2	-0.54216661E-02
3	5/2	5/2	4	5/2	5/2	6	4	4	-0.58207661E-10
3	5/2	7/2	4	5/2	7/2	2	2	0	-0.96714731E-02
3	5/2	7/2	4	5/2	7/2	2	2	2	-0.11771742E-02
3	5/2	7/2	4	5/2	7/2	2	2	4	-0.36657153E-02
3	5/2	7/2	4	5/2	7/2	2	4	2	-0.50657506E-03
3	5/2	7/2	4	5/2	7/2	2	4	4	0.50447743E-03
3	5/2	7/2	4	5/2	7/2	2	4	6	0.33494924E-02
3	5/2	7/2	4	5/2	7/2	4	2	2	-0.50194874E-02
3	5/2	7/2	4	5/2	7/2	4	2	4	0.24993513E-02
3	5/2	7/2	4	5/2	7/2	4	2	6	0.31024525E-02
3	5/2	7/2	4	5/2	7/2	4	4	0	0.79365069E-02
3	5/2	7/2	4	5/2	7/2	4	4	2	-0.30394506E-02
3	5/2	7/2	4	5/2	7/2	4	4	4	-0.61315761E-03
3	5/2	7/2	4	5/2	7/2	4	4	6	-0.14903252E-02
3	5/2	7/2	4	5/2	7/2	6	2	4	0.29624022E-02
3	5/2	7/2	4	5/2	7/2	6	2	6	0.27228698E-02
3	5/2	7/2	4	5/2	7/2	6	4	2	0.42383113E-02
3	5/2	7/2	4	5/2	7/2	6	4	4	-0.31495427E-02
3	5/2	7/2	4	5/2	7/2	6	4	6	0.66424239E-03
3	5/2	9/2	4	5/2	9/2	2	2	0	0.11664235E-02
3	5/2	9/2	4	5/2	9/2	2	2	2	-0.34791081E-02
3	5/2	9/2	4	5/2	9/2	2	2	4	-0.17040803E-02
3	5/2	9/2	4	5/2	9/2	2	4	2	-0.53281630E-02
3	5/2	9/2	4	5/2	9/2	2	4	4	0.58629075E-03
3	5/2	9/2	4	5/2	9/2	2	4	6	-0.15524222E-02
3	5/2	9/2	4	5/2	9/2	4	2	2	-0.45268465E-02
3	5/2	9/2	4	5/2	9/2	4	2	4	0.14523400E-03
3	5/2	9/2	4	5/2	9/2	4	2	6	0.31687836E-02
3	5/2	9/2	4	5/2	9/2	4	4	0	-0.59823672E-02
3	5/2	9/2	4	5/2	9/2	4	4	2	0.32125099E-02
3	5/2	9/2	4	5/2	9/2	4	4	4	-0.24392711E-02
3	5/2	9/2	4	5/2	9/2	4	4	6	-0.39717306E-03
3	5/2	9/2	4	5/2	9/2	4	4	8	-0.34050493E-02
3	5/2	9/2	4	5/2	9/2	6	2	4	-0.40348076E-02
3	5/2	9/2	4	5/2	9/2	6	2	6	0.31297481E-02
3	5/2	9/2	4	5/2	9/2	6	2	8	0.24605995E-02

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	5/2	9/2	4	5/2	9/2	6	4	2	-0.14652999E-02	3	7/2	7/2	4	7/2	7/2	2	4	4	-0.14551915E-10
3	5/2	9/2	4	5/2	9/2	6	4	4	0.14078146E-02	3	7/2	7/2	4	7/2	7/2	2	4	6	-0.23929468E-02
3	5/2	9/2	4	5/2	9/2	6	4	6	-0.19259907E-02	3	7/2	7/2	4	7/2	7/2	2	6	4	0.23929468E-02
3	5/2	9/2	4	5/2	9/2	6	4	8	0.88014570E-03	3	7/2	7/2	4	7/2	7/2	2	6	6	0.10732037E-09
3	7/2	1/2	4	7/2	1/2	2	2	0	-0.12198748E-01	3	7/2	7/2	4	7/2	7/2	4	2	2	-0.32741809E-10
3	7/2	1/2	4	7/2	1/2	4	4	0	-0.16600394E-01	3	7/2	7/2	4	7/2	7/2	4	2	4	0.34166883E-02
3	7/2	1/2	4	7/2	1/2	6	6	0	-0.20016016E-01	3	7/2	7/2	4	7/2	7/2	4	2	6	0.24426138E-02
3	7/2	3/2	4	7/2	3/2	2	2	0	-0.15152286E-01	3	7/2	7/2	4	7/2	7/2	4	4	0	0.62570510E-02
3	7/2	3/2	4	7/2	3/2	2	2	2	0.16098173E-02	3	7/2	7/2	4	7/2	7/2	4	4	2	-0.34166883E-02
3	7/2	3/2	4	7/2	3/2	2	4	2	0.63184239E-02	3	7/2	7/2	4	7/2	7/2	4	4	4	0.36379788E-10
3	7/2	3/2	4	7/2	3/2	4	2	2	0.78653257E-02	3	7/2	7/2	4	7/2	7/2	4	4	6	0.34011875E-03
3	7/2	3/2	4	7/2	3/2	4	4	0	-0.12600897E-01	3	7/2	7/2	4	7/2	7/2	4	6	2	-0.24426140E-02
3	7/2	3/2	4	7/2	3/2	4	4	2	0.26109183E-03	3	7/2	7/2	4	7/2	7/2	4	6	4	-0.34011865E-03
3	7/2	3/2	4	7/2	3/2	4	6	2	0.53814708E-02	3	7/2	7/2	4	7/2	7/2	4	6	6	-0.43655746E-10
3	7/2	3/2	4	7/2	3/2	6	4	2	0.61164644E-02	3	7/2	7/2	4	7/2	7/2	6	2	4	0.25900127E-02
3	7/2	3/2	4	7/2	3/2	6	6	0	0.	3	7/2	7/2	4	7/2	7/2	6	2	6	-0.29326118E-02
3	7/2	3/2	4	7/2	3/2	6	6	2	-0.31164895E-02	3	7/2	7/2	4	7/2	7/2	6	4	2	-0.25900127E-02
3	7/2	5/2	4	7/2	5/2	2	2	0	-0.14477328E-01	3	7/2	7/2	4	7/2	7/2	6	4	4	-0.58662408E-10
3	7/2	5/2	4	7/2	5/2	2	2	2	0.11771742E-02	3	7/2	7/2	4	7/2	7/2	6	4	6	0.21829233E-02
3	7/2	5/2	4	7/2	5/2	2	2	4	0.50657512E-03	3	7/2	7/2	4	7/2	7/2	6	6	0	-0.55590855E-02
3	7/2	5/2	4	7/2	5/2	2	4	2	0.36657155E-02	3	7/2	7/2	4	7/2	7/2	6	6	2	0.29326119E-02
3	7/2	5/2	4	7/2	5/2	2	4	4	-0.50447747E-03	3	7/2	7/2	4	7/2	7/2	6	6	4	-0.21829234E-02
3	7/2	5/2	4	7/2	5/2	2	6	4	-0.33494925E-02	3	7/2	7/2	4	7/2	7/2	6	6	6	0.58207661E-10
3	7/2	5/2	4	7/2	5/2	4	2	2	0.50194874E-02	3	7/2	9/2	4	7/2	9/2	2	2	0	-0.42923223E-02
3	7/2	5/2	4	7/2	5/2	4	2	4	0.30394505E-02	3	7/2	9/2	4	7/2	9/2	2	2	2	-0.16944845E-02
3	7/2	5/2	4	7/2	5/2	4	4	0	-0.14653746E-02	3	7/2	9/2	4	7/2	9/2	2	2	4	0.99489377E-03
3	7/2	5/2	4	7/2	5/2	4	4	2	-0.24993513E-02	3	7/2	9/2	4	7/2	9/2	2	4	2	-0.39574630E-02
3	7/2	5/2	4	7/2	5/2	4	4	4	0.61315769E-03	3	7/2	9/2	4	7/2	9/2	2	4	4	0.18014073E-03
3	7/2	5/2	4	7/2	5/2	4	6	2	-0.31024526E-02	3	7/2	9/2	4	7/2	9/2	2	4	6	-0.26806800E-02
3	7/2	5/2	4	7/2	5/2	4	6	4	0.14903252E-02	3	7/2	9/2	4	7/2	9/2	2	6	4	0.19880823E-02
3	7/2	5/2	4	7/2	5/2	6	2	4	-0.42383113E-02	3	7/2	9/2	4	7/2	9/2	2	6	6	0.13610110E-03
3	7/2	5/2	4	7/2	5/2	6	4	2	-0.29624021E-02	3	7/2	9/2	4	7/2	9/2	2	6	8	0.25799464E-02
3	7/2	5/2	4	7/2	5/2	6	4	4	0.31495427E-02	3	7/2	9/2	4	7/2	9/2	4	2	2	-0.38534965E-02
3	7/2	5/2	4	7/2	5/2	6	6	0	0.68712135E-02	3	7/2	9/2	4	7/2	9/2	4	2	4	0.25927533E-02
3	7/2	5/2	4	7/2	5/2	6	6	2	-0.27228698E-02	3	7/2	9/2	4	7/2	9/2	4	2	6	0.31037429E-02
3	7/2	5/2	4	7/2	5/2	6	6	4	-0.66424236E-03	3	7/2	9/2	4	7/2	9/2	4	4	0	0.30798583E-02
3	7/2	7/2	4	7/2	7/2	2	2	0	-0.10647941E-01	3	7/2	9/2	4	7/2	9/2	4	4	2	-0.65024985E-03
3	7/2	7/2	4	7/2	7/2	2	2	2	-0.87311491E-10	3	7/2	9/2	4	7/2	9/2	4	4	4	-0.14096925E-02
3	7/2	7/2	4	7/2	7/2	2	2	4	0.75671619E-03	3	7/2	9/2	4	7/2	9/2	4	4	6	0.41708297E-03
3	7/2	7/2	4	7/2	7/2	2	4	2	-0.75671620E-03	3	7/2	9/2	4	7/2	9/2	4	4	8	0.19064420E-03

TABLE I.- X-COEFFICIENTS - Continued

(b) Half-integral parameters - Continued

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	7/2	9/2	4	7/2	9/2	4	6	2	0.33814601E-02	3	9/2	5/2	4	9/2	5/2	4	8	4	0.34050493E-02
3	7/2	9/2	4	7/2	9/2	4	6	4	-0.19541365E-02	3	9/2	5/2	4	9/2	5/2	6	2	4	0.14652999E-02
3	7/2	9/2	4	7/2	9/2	4	6	6	0.50444563E-04	3	9/2	5/2	4	9/2	5/2	6	4	2	0.40348076E-02
3	7/2	9/2	4	7/2	9/2	4	6	8	-0.91440746E-03	3	9/2	5/2	4	9/2	5/2	6	4	4	-0.14078145E-02
3	7/2	9/2	4	7/2	9/2	6	2	4	0.24447755E-02	3	9/2	5/2	4	9/2	5/2	6	6	0	0.46878324E-02
3	7/2	9/2	4	7/2	9/2	6	2	6	0.56585564E-03	3	9/2	5/2	4	9/2	5/2	6	6	2	-0.31297482E-02
3	7/2	9/2	4	7/2	9/2	6	2	8	-0.32039922E-02	3	9/2	5/2	4	9/2	5/2	6	6	4	0.19259907E-02
3	7/2	9/2	4	7/2	9/2	6	4	2	0.33946635E-02	3	9/2	5/2	4	9/2	5/2	6	8	2	-0.24605995E-02
3	7/2	9/2	4	7/2	9/2	6	4	4	-0.22925572E-02	3	9/2	5/2	4	9/2	5/2	6	8	4	-0.88014553E-03
3	7/2	9/2	4	7/2	9/2	6	4	6	0.99208520E-03	3	9/2	7/2	4	9/2	7/2	2	2	0	-0.10827919E-01
3	7/2	9/2	4	7/2	9/2	6	4	8	0.18479319E-02	3	9/2	7/2	4	9/2	7/2	2	2	2	0.16944844E-02
3	7/2	9/2	4	7/2	9/2	6	6	0	0.24133188E-02	3	9/2	7/2	4	9/2	7/2	2	2	4	0.39574630E-02
3	7/2	9/2	4	7/2	9/2	6	6	2	-0.13763911E-02	3	9/2	7/2	4	9/2	7/2	2	4	2	-0.99489376E-03
3	7/2	9/2	4	7/2	9/2	6	6	4	0.13665805E-02	3	9/2	7/2	4	9/2	7/2	2	4	4	-0.18014079E-03
3	7/2	9/2	4	7/2	9/2	6	6	6	-0.15306968E-02	3	9/2	7/2	4	9/2	7/2	2	4	6	-0.19880822E-02
3	7/2	9/2	4	7/2	9/2	6	6	8	0.20049707E-03	3	9/2	7/2	4	9/2	7/2	2	6	4	0.26806801E-02
3	9/2	3/2	4	9/2	3/2	2	2	0	-0.11180338E-01	3	9/2	7/2	4	9/2	7/2	2	6	6	-0.13610123E-03
3	9/2	3/2	4	9/2	3/2	2	2	2	0.62360947E-02	3	9/2	7/2	4	9/2	7/2	2	8	6	-0.25799464E-02
3	9/2	3/2	4	9/2	3/2	2	4	2	0.43271553E-02	3	9/2	7/2	4	9/2	7/2	4	2	2	0.38534964E-02
3	9/2	3/2	4	9/2	3/2	4	2	2	-0.44317994E-02	3	9/2	7/2	4	9/2	7/2	4	2	4	0.65024978E-03
3	9/2	3/2	4	9/2	3/2	4	4	0	-0.12328128E-01	3	9/2	7/2	4	9/2	7/2	4	2	6	-0.33814600E-02
3	9/2	3/2	4	9/2	3/2	4	4	2	0.39337775E-02	3	9/2	7/2	4	9/2	7/2	4	4	0	0.22042207E-02
3	9/2	3/2	4	9/2	3/2	4	6	2	0.71424927E-03	3	9/2	7/2	4	9/2	7/2	4	4	2	-0.25927535E-02
3	9/2	3/2	4	9/2	3/2	6	4	2	-0.15371150E-02	3	9/2	7/2	4	9/2	7/2	4	4	4	0.14096925E-02
3	9/2	3/2	4	9/2	3/2	6	6	0	-0.93494685E-02	3	9/2	7/2	4	9/2	7/2	4	4	6	0.19541365E-02
3	9/2	3/2	4	9/2	3/2	6	6	2	0.25113387E-02	3	9/2	7/2	4	9/2	7/2	4	6	2	-0.31037430E-02
3	9/2	3/2	4	9/2	3/2	6	8	2	-0.40804426E-02	3	9/2	7/2	4	9/2	7/2	4	6	4	-0.41708294E-03
3	9/2	5/2	4	9/2	5/2	2	2	0	-0.12412914E-01	3	9/2	7/2	4	9/2	7/2	4	6	6	-0.50444490E-04
3	9/2	5/2	4	9/2	5/2	2	2	2	0.34791082E-02	3	9/2	7/2	4	9/2	7/2	4	8	4	-0.19064416E-03
3	9/2	5/2	4	9/2	5/2	2	2	4	0.53281629E-02	3	9/2	7/2	4	9/2	7/2	4	8	6	0.91440749E-03
3	9/2	5/2	4	9/2	5/2	2	4	2	0.17040801E-02	3	9/2	7/2	4	9/2	7/2	6	2	4	-0.33946635E-02
3	9/2	5/2	4	9/2	5/2	2	4	4	-0.58629086E-03	3	9/2	7/2	4	9/2	7/2	6	2	6	0.13763911E-02
3	9/2	5/2	4	9/2	5/2	2	6	4	0.15524220E-02	3	9/2	7/2	4	9/2	7/2	6	4	2	-0.24447754E-02
3	9/2	5/2	4	9/2	5/2	4	2	2	0.45268463E-02	3	9/2	7/2	4	9/2	7/2	6	4	4	0.22925573E-02
3	9/2	5/2	4	9/2	5/2	4	2	4	-0.32125098E-02	3	9/2	7/2	4	9/2	7/2	6	4	6	-0.13665805E-02
3	9/2	5/2	4	9/2	5/2	4	4	0	-0.59605733E-02	3	9/2	7/2	4	9/2	7/2	6	6	0	0.24378201E-02
3	9/2	5/2	4	9/2	5/2	4	4	2	-0.14523417E-03	3	9/2	7/2	4	9/2	7/2	6	6	2	-0.56585556E-03
3	9/2	5/2	4	9/2	5/2	4	4	4	0.24392712E-02	3	9/2	7/2	4	9/2	7/2	6	6	4	-0.99208524E-03
3	9/2	5/2	4	9/2	5/2	4	6	2	-0.31687836E-02	3	9/2	7/2	4	9/2	7/2	6	6	6	0.15306968E-02
3	9/2	5/2	4	9/2	5/2	4	6	4	0.39717307E-03	3	9/2	7/2	4	9/2	7/2	6	8	2	0.32039922E-02

TABLE I.- X-COEFFICIENTS - Concluded

(b) Half-integral parameters - Concluded

Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)	Parameters: a	b	c	d	e	f	g	h	k	X(abc,def,ghk)
3	9/2	7/2	4	9/2	7/2	6	8	4	-0.18479319E-02										
3	9/2	7/2	4	9/2	7/2	6	8	6	-0.20049711E-03										
3	9/2	9/2	4	9/2	9/2	2	2	0	-0.71066895E-02										
3	9/2	9/2	4	9/2	9/2	2	2	2	0.29103830E-10										
3	9/2	9/2	4	9/2	9/2	2	2	4	0.31446935E-02										
3	9/2	9/2	4	9/2	9/2	2	4	2	-0.31446936E-02										
3	9/2	9/2	4	9/2	9/2	2	4	4	-0.14551915E-10										
3	9/2	9/2	4	9/2	9/2	2	4	6	-0.17868416E-02										
3	9/2	9/2	4	9/2	9/2	2	6	4	0.17868416E-02										
3	9/2	9/2	4	9/2	9/2	2	6	6	0.49112713E-10										
3	9/2	9/2	4	9/2	9/2	2	6	8	-0.48871084E-03										
3	9/2	9/2	4	9/2	9/2	2	8	6	0.48871080E-03										
3	9/2	9/2	4	9/2	9/2	2	8	8	-0.12732925E-10										
3	9/2	9/2	4	9/2	9/2	4	2	2	0.54569682E-10										
3	9/2	9/2	4	9/2	9/2	4	2	4	0.24141081E-02										
3	9/2	9/2	4	9/2	9/2	4	2	6	-0.73534855E-03										
3	9/2	9/2	4	9/2	9/2	4	4	0	0.52442747E-02										
3	9/2	9/2	4	9/2	9/2	4	4	2	-0.24141081E-02										
3	9/2	9/2	4	9/2	9/2	4	4	4	0.50931703E-10										
3	9/2	9/2	4	9/2	9/2	4	4	6	0.15746178E-02										
3	9/2	9/2	4	9/2	9/2	4	4	8	0.22791423E-02										
3	9/2	9/2	4	9/2	9/2	4	6	2	0.73534857E-03										
3	9/2	9/2	4	9/2	9/2	4	6	4	-0.15746177E-02										
3	9/2	9/2	4	9/2	9/2	4	6	6	-0.30013325E-10										
3	9/2	9/2	4	9/2	9/2	4	6	8	-0.34642640E-03										
3	9/2	9/2	4	9/2	9/2	4	8	4	-0.22791423E-02										
3	9/2	9/2	4	9/2	9/2	4	8	6	0.34642648E-03										
3	9/2	9/2	4	9/2	9/2	4	8	8	-0.72759576E-11										
3	9/2	9/2	4	9/2	9/2	6	2	4	0.15463818E-02										
3	9/2	9/2	4	9/2	9/2	6	2	6	-0.22509280E-02										
3	9/2	9/2	4	9/2	9/2	6	2	8	0.18121881E-02										
3	9/2	9/2	4	9/2	9/2	6	4	2	-0.15463817E-02										
3	9/2	9/2	4	9/2	9/2	6	4	4	-0.13869794E-10										
3	9/2	9/2	4	9/2	9/2	6	4	6	0.13971554E-02										
3	9/2	9/2	4	9/2	9/2	6	4	8	-0.14252863E-02										
3	9/2	9/2	4	9/2	9/2	6	6	0	-0.45714708E-02										
3	9/2	9/2	4	9/2	9/2	6	6	2	0.22509280E-02										
3	9/2	9/2	4	9/2	9/2	6	6	4	-0.13971554E-02										
3	9/2	9/2	4	9/2	9/2	6	6	6	0.31718627E-10										
3	9/2	9/2	4	9/2	9/2	6	6	8	0.13292829E-02										

TABLE II.- COEFFICIENTS OF $P_{k_1}(\cos\theta_1)\, P_{k_2}^{|\mu_2|}(\cos\theta_2)\, P_{k_{12}}^{|\mu_{12}|}(\cos\theta_{12})$

K_1	K_2	K_{12}	μ_1	μ_2	μ_{12}	Λ	K_1	K_2	K_{12}	μ_1	μ_2	μ_{12}	Λ
0	0	0	0	0	0	0.09999999E 01	2	6	6	0	4	4	0.39723872E-07
0	2	2	0	0	0	0.99999999E 00	2	6	6	0	5	5	0.99309681E-08
0	2	2	0	1	1	0.16666666E-00	2	6	6	0	6	6	0.16551613E-08
0	2	2	0	2	2	0.41666666E-01	2	6	8	0	0	0	0.65633012E 00
2	0	2	0	0	0	0.99999999E 00	2	6	8	0	1	1	0.11720203E-01
2	2	0	0	0	0	0.44721359E-00	2	6	8	0	2	2	0.20928974E-03
2	2	2	0	0	0	-0.53452248E 00	2	6	8	0	3	3	0.38757211E-05
2	2	2	0	1	1	-0.44543539E-01	2	6	8	0	4	4	0.77514616E-07
2	2	2	0	2	2	0.22271769E-01	2	6	8	0	5	5	0.17616905E-08
2	2	4	0	0	0	0.71713717E 00	2	6	8	0	6	6	0.48935872E-10
2	2	4	0	1	1	0.59761428E-01	2	8	6	0	0	0	0.57394402E 00
2	2	4	0	2	2	0.49801191E-02	2	8	6	0	1	1	0.10249000E-01
2	4	2	0	0	0	0.53452248E 00	2	8	6	0	2	2	0.18301786E-03
2	4	2	0	1	1	0.44543539E-01	2	8	6	0	3	3	0.33892197E-05
2	4	2	0	2	2	0.37119616E-02	2	8	6	0	4	4	0.67784396E-07
2	4	4	0	0	0	-0.50964718E 00	2	8	6	0	5	5	0.15405544E-08
2	4	4	0	1	1	-0.21660005E-01	2	8	6	0	6	6	0.42793178E-10
2	4	4	0	2	2	-0.56627464E-03	2	8	8	0	0	0	-0.50262468E 00
2	4	4	0	3	3	0.35392164E-04	2	8	8	0	1	1	-0.66900274E-02
2	4	4	0	4	4	0.17696082E-04	2	8	8	0	2	2	-0.83105932E-04
2	4	6	0	0	0	0.67419986E 00	2	8	8	0	3	3	-0.94438560E-06
2	4	6	0	1	1	0.22473328E-01	2	8	8	0	4	4	-0.83945385E-08
2	4	6	0	2	2	0.74911094E-03	2	8	8	0	5	5	0.20179153E-10
2	4	6	0	3	3	0.26753961E-04	2	8	8	0	6	6	0.57654809E-11
2	4	6	0	4	4	0.11147483E-05	2	8	8	0	7	7	0.40038054E-12
2	6	4	0	0	0	0.56096818E 00	2	8	8	0	8	8	0.40038054E-13
2	6	4	0	1	1	0.18698939E-01	4	0	4	0	0	0	0.99999999E 00
2	6	4	0	2	2	0.62329797E-03	4	2	2	0	0	0	0.53452248E 00
2	6	4	0	3	3	0.22260641E-04	4	2	2	0	1	1	-0.59391386E-01
2	6	4	0	4	4	0.92752674E-06	4	2	2	0	2	2	0.37119616E-02
2	6	6	0	0	0	-0.50452497E 00	4	2	4	0	0	0	-0.50964719E 00
2	6	6	0	1	1	-0.11154463E-01	4	2	4	0	1	1	-0.12741179E-01
2	6	6	0	2	2	-0.21450891E-03	4	2	4	0	2	2	0.63705897E-02
2	6	6	0	3	3	-0.29792905E-05	4	2	6	0	0	0	0.67419986E 00

TABLE II.- COEFFICIENTS OF $P_{k_1}(\cos\theta_1)\, P_{k_2}^{|\mu_2|}(\cos\theta_2)\, P_{k_{12}}^{|\mu_{12}|}(\cos\theta_{12})$ - Continued

K_1	K_2	K_{12}	μ_1	μ_2	μ_{12}	Λ	K_1	K_2	K_{12}	μ_1	μ_2	μ_{12}	Λ
4	2	6	0	1	1	0.37455547E-01	4	6	8	0	5	5	0.25904162E-08
4	2	6	0	2	2	0.18727773E-02	4	6	8	0	6	6	0.11774619E-09
4	4	0	0	0	0	0.33333332E-00	6	0	6	0	0	0	0.99999998E 00
4	4	2	0	0	0	-0.37986857E-00	6	2	4	0	0	0	0.56096818E 00
4	4	2	0	1	1	-0.94967144E-02	6	2	4	0	1	1	-0.37397878E-01
4	4	2	0	2	2	0.47483572E-02	6	2	4	0	2	2	0.15582449E-02
4	4	4	0	0	0	0.40229113E-00	6	2	6	0	0	0	-0.50452497E 00
4	4	4	0	1	1	0.10057278E-01	6	2	6	0	1	1	-0.60062496E-02
4	4	4	0	2	2	-0.68290160E-03	6	2	6	0	2	2	0.30031247E-02
4	4	4	0	3	3	-0.93122946E-04	6	2	8	0	0	0	0.65633012E 00
4	4	4	0	4	4	0.77602454E-05	6	2	8	0	1	1	0.27347088E-01
4	4	6	0	0	0	-0.44946656E-00	6	2	8	0	2	2	0.97668171E-03
4	4	6	0	1	1	-0.11236664E-01	6	4	2	0	0	0	0.41812100E-00
4	4	6	0	2	2	0.	6	4	2	0	1	1	-0.27874733E-01
4	4	6	0	3	3	0.22294968E-04	6	4	2	0	2	2	0.11614472E-02
4	4	6	0	4	4	0.22294968E-05	6	4	4	0	0	0	-0.37397879E-00
4	4	8	0	0	0	0.61703367E 00	6	4	4	0	1	1	0.93494696E-03
4	4	8	0	1	1	0.15426043E-01	6	4	4	0	2	2	0.11427129E-02
4	4	8	0	2	2	0.36728185E-03	6	4	4	0	3	3	-0.63071819E-04
4	4	8	0	3	3	0.87448061E-05	6	4	4	0	4	4	0.18550535E-05
4	4	8	0	4	4	0.21862015E-06	6	4	6	0	0	0	0.38695299E-00
4	6	2	0	0	0	0.41812100E-00	6	4	6	0	1	1	0.46065831E-02
4	6	2	0	1	1	0.23226943E-01	6	4	6	0	2	2	-0.42227011E-03
4	6	2	0	2	2	0.11614472E-02	6	4	6	0	3	3	-0.19194096E-04
4	6	4	0	0	0	-0.37397878E-00	6	4	6	0	4	4	0.15995080E-05
4	6	4	0	1	1	-0.93494694E-02	6	4	8	0	0	0	-0.43069560E-00
4	6	4	0	2	2	0.	6	4	8	0	1	1	-0.74773542E-02
4	6	4	0	3	3	0.18550535E-04	6	4	8	0	2	2	0.56970318E-04
4	6	4	0	4	4	0.18550535E-05	6	4	8	0	3	3	0.10681934E-04
4	6	8	0	0	0	-0.43069560E-00	6	4	8	0	4	4	0.59344081E-06
4	6	8	0	1	1	-0.66940123E-02	6	6	0	0	0	0	0.27735009E-00
4	6	8	0	2	2	-0.66126139E-04	6	6	2	0	0	0	-0.31289310E-00
4	6	8	0	3	3	0.42388413E-06	6	6	2	0	1	1	-0.37249178E-02
4	6	8	0	4	4	0.54634233E-07	6	6	2	0	2	2	0.18624589E-02

TABLE II.- COEFFICIENTS OF $P_{k_1}(\cos\theta_1)\, P_{k_2}^{|\mu_2|}(\cos\theta_2)\, P_{k_{12}}^{|\mu_{12}|}(\cos\theta_{12})$ - Concluded

K_1	K_2	K_{12}	μ_1	μ_2	μ_{12}	Λ	K_1	K_2	K_{12}	μ_1	μ_2	μ_{12}	Λ
6	6	4	0	0	0	0.32196435E-00	6	8	8	0	0	0	-0.32498534E-00
6	6	4	0	1	1	0.38329089E-02	6	8	8	0	1	1	-0.31971655E-02
6	6	4	0	2	2	-0.35134997E-03	6	8	8	0	2	2	0.10746456E-05
6	6	4	0	3	3	-0.15970454E-04	6	8	8	0	3	3	0.75716493E-06
6	6	4	0	4	4	0.13308711E-05	6	8	8	0	4	4	0.17368661E-07
6	6	6	0	0	0	-0.33553079E-00	6	8	8	0	5	5	0.16961573E-09
6	6	6	0	1	1	-0.39944140E-02	6	8	8	0	6	6	-0.48461642E-11
6	6	6	0	2	2	0.10984638E-03	6	8	8	0	7	7	-0.35000082E-12
6	6	6	0	3	3	0.59638822E-05	6	8	8	0	8	8	0.13461570E-13
6	6	6	0	4	4	0.36985316E-07	8	0	8	0	0	0	0.99999999E 00
6	6	6	0	5	5	-0.11557911E-07	8	8	2	0	0	0	-0.27258651E-00
6	6	6	0	6	6	0.38526370E-09	8	8	2	0	1	1	-0.18929618E-02
6	6	8	0	0	0	0.35891646E-00	8	8	2	0	2	2	0.94648092E-03
6	6	8	0	1	1	0.42727249E-02	8	8	4	0	0	0	0.27777911E-00
6	6	8	0	2	2	-0.21362853E-04	8	8	4	0	1	1	0.19290218E-02
6	6	8	0	3	3	-0.23737681E-05	8	8	4	0	2	2	-0.19290214E-03
6	6	8	0	4	4	-0.59344048E-07	8	8	4	0	3	3	-0.45929081E-05
6	6	8	0	5	5	-0.	8	8	4	0	4	4	0.38274235E-06
6	6	8	0	6	6	0.11774619E-09	8	8	6	0	0	0	-0.28419098E-00
6	8	2	0	0	0	0.35594498E-00	8	8	6	0	1	1	-0.19735502E-02
6	8	2	0	1	1	0.14831040E-01	8	8	6	0	2	2	0.73303278E-04
6	8	2	0	2	2	0.52968002E-03	8	8	6	0	3	3	0.18795706E-05
6	8	4	0	0	0	-0.31337708E-00	8	8	6	0	4	4	-0.15663078E-07
6	8	4	0	1	1	-0.54405744E-02	8	8	6	0	5	5	-0.17798964E-08
6	8	4	0	2	2	0.41451994E-04	8	8	6	0	6	6	0.59329879E-10
6	8	4	0	3	3	0.77722491E-05	8	8	8	0	0	0	0.29368670E-00
6	8	4	0	4	4	0.43179161E-06	8	8	8	0	1	1	0.20395113E-02
6	8	6	0	0	0	0.31386037E-00	8	8	8	0	2	2	-0.30800577E-04
6	8	6	0	1	1	0.37364307E-02	8	8	8	0	3	3	-0.92073773E-06
6	8	6	0	2	2	-0.18682125E-04	8	8	8	0	4	4	-0.52553622E-08
6	8	6	0	3	3	-0.20757957E-05	8	8	8	0	5	5	0.26276751E-09
6	8	6	0	4	4	-0.51894896E-07	8	8	8	0	6	6	0.62563731E-11
6	8	6	0	5	5	-0.	8	8	8	0	7	7	-0.29196405E-12
6	8	6	0	6	6	0.10296606E-09	8	8	8	0	8	8	0.52136436E-14

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