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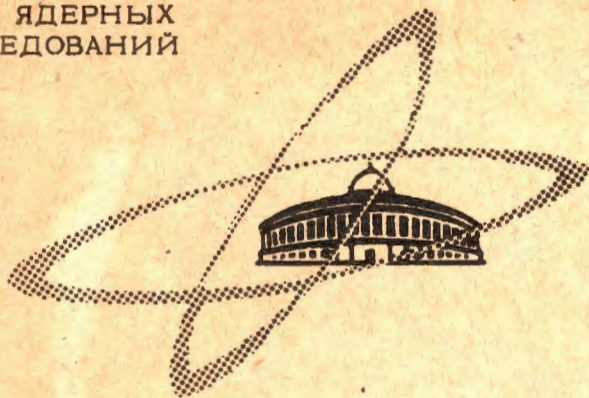
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MATRIX ELEMENTS
OF THE HAMADA JOHNSTON POTENTIAL
FOR THE HARMONIC OSCILLATOR
WAVE FUNCTIONS

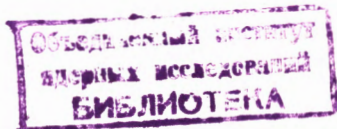
ЛАБОРАТОРИЯ ТЕОРЕТИЧЕСКОЙ ФИЗИКИ

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**MATRIX ELEMENTS
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1. Introduction

Recently a new method for solving the integral equation for the reaction matrix has been developed (ref.1). This method is based on the use of the oscillator single-particle wave functions and transforms the original integral equation in a system of algebraic equations. The coefficients of this system contain the matrix elements of the chosen potential.^{x)} Thus if we solve our system for a given potential and a given oscillator frequency we must know all the matrix elements involved.

Calculating them is a very tedious procedure since the interval of integration ranges to infinity, and the integrands are rather complicated functions and consequently a numerical method of integration must be used.

The method described in ref.1 has been applied for the calculation of the ground state characteristics of He^4 , O^{16} and Ca^{40} (ref.2), the HJ-potential being used (ref.3). The tables of all matrix elements which occur in the system are presented for five values of oscillator frequency distributed around the shell-model values of these quantity for the considered nuclei.

The tables can be simply modified for the potential of Bressel et al. (ref.4) which has the same long-range part as the HJ-potential and thus the corresponding correction integrals are restricted to a small interval and can be simply calculated or estimated.

^{x)} Hereafter by a matrix element of a potential which contains a hard core, only the contribution of the regular (outside the core) part is meant. The total matrix element is of course infinite.

The same refers to the application of the tables when the Scott-Moszkowski separation method with oscillator single-particle functions is used (cf.ref.5).

2. Characteristics of the HJ-Potential

The general form of the HJ-potential is

$$V = V_C(x) + S_{12} V_T(x) + (\vec{\ell} \cdot \vec{S}) V_{LS}(x) + L_{12} V_{LL}(x)$$

where the subscripts, C, T, LS, LL denote respectively central, tensor, spin-orbital and quadratic spin-orbital terms, x is the relative coordinate, ℓ the relative angular momentum and S the total spin of a pair of nucleons. The operators S_{12} and L_{12} are defined by

$$S_{12} = 3 \frac{(\vec{\sigma}_1 \cdot \vec{x})(\vec{\sigma}_2 \cdot \vec{x})}{x^2} - (\vec{\sigma}_1 \cdot \vec{\sigma}_2), \quad L_{12} = [\delta_{\ell j} + (\vec{\sigma}_1 \cdot \vec{\sigma}_2)] \ell^2 - (\vec{\ell} \cdot \vec{S})^2.$$

The radial functions $V_i(x)$ depend further on S and on the parity of ℓ . Since for $S=0$ only the central part is non-vanishing^{x/} we have for a given parity of ℓ five different functions V_i : $V_C^{(S=0)}$, $V_C^{(S=1)}$, V_T , V_{LS} and V_{LL} . Hereafter they will be numerated in this order ($i=1,2,..5$), and the Coulomb interaction which is taken into account as well is denoted by $V_O(x)$. These functions are given in ref.3. However for odd V_{LL} we use the modification proposed in ref.6: for $x \geq 689$ fm V_{LL} remains unchanged while for $x_C \leq x \leq 689$ fm ($x_C = .485$ fm is the hard core radius) V_{LL} is a constant (-37.28 MeV) which is chosen as to make

V_{LL} continuous. Further it is convenient to pass to dimensionless functions by multiplying each V_i by $2/\omega^{xx/}$. Denoting oscillator quantum numbers by n, ℓ the total angular momentum by j (i.e. $j = \ell + S$) and the total isospin and its projection by T, T_z we get in the representation defined by these quantum numbers, for a given ω :

^{x/} The system of units with $\hbar=c=1$ is used.

^{xx/} The contribution of the V_{LL} potential for $S=0$ multiplied by $-2. \ell(\ell+1)$ (cf. the form of L_{12}) is included in $V_C^{(S=0)}$

$$\begin{aligned}
\langle n \ell S_j T T_z | V | n' \ell' S_j T T_z \rangle_{\omega} = & \frac{\omega}{2} [\delta_{\ell \ell'} I_{n \ell n' \ell'}^{(3+1)}(\omega) + \\
+ \frac{1}{2} T_z (T_z + 1) I_{n \ell n' \ell'}^{(0)}(\omega)] & + \delta_{S_j} \langle \ell S_j | S_{12} | \ell' S_j \rangle I_{n \ell n' \ell'}^{(3)}(\omega) + \\
+ \delta_{\ell \ell'} \langle \ell S_j | \vec{\ell} \cdot \vec{S} | \ell' S_j \rangle & I_{n \ell n' \ell'}^{(4)}(\omega) + \\
+ \delta_{\ell \ell'} \langle \ell S_j | L_{12} | \ell' S_j \rangle & I_{n \ell n' \ell'}^{(5)}(\omega)] .
\end{aligned} \tag{1}$$

Here $I_{n \ell n' \ell'}^{(i)}$ denotes the contribution of the i -th part of potential ($i=0,1,\dots,5$) and just these quantities are tabulated. They are all diagonal with respect to ℓ except of the tensor force ($i=3$) which gives non-vanishing contributions for $|\ell' - \ell| = 2$ as well. However most of these non-diagonal terms can be expressed by the diagonal ones as will be shown in the next section.

3. Formulae for the Radial Functions

All the functions involved are expressed in dependence on a dimensionless variable r which is related to the relative coordinate x by

$$r = \sqrt{\frac{m \omega}{2}} x$$

where m is the nucleon mass. Consequently $a = \sqrt{\frac{m \omega}{2}} x_0$

($x_0 = 4.85$ fm—the hard core radius) is the lower bound of integration.

Note that the integrals depend on ω (or a) not only by means of the lower bound, since the potential functions are given in dependence on $\rho = \mu x$ (μ is the averaged pion mass equal $(1.415)^{-1} \text{fm}^{-1}$).

Hence passing to the variable r we obtain the integrand dependent explicitly on a . Thus we must integrate for each value of a over the complete interval $(a, +\infty)$.

^{x)} The Coulomb interaction if expressed as a function of ρ has the form $V_0(x) = \frac{\mu}{137} \frac{1}{\rho}$.

Two basic radial functions appear in the method of ref.1. First of them is $R_{n\ell}(r)$ which describes the radial motion of an oscillator with angular momentum ℓ and energy $\omega(\frac{3}{2} + 2n + \ell)$

$$R_{n\ell}(r) = \sqrt{\left(\frac{2n!}{\Gamma(n + \ell + \frac{3}{2})}\right)} r^{\ell+1} \exp(-r^2/2) L_n^{(\ell + \frac{1}{2})}(r^2)$$

where L is a Laguerre polynomial as defined in ref.7. The normalization relation reads

$$\int_0^\infty [R_{n\ell}(r)]^2 dr = 1.$$

For the numerical treatment it is convenient to express the Laguerre polynomial by means of the confluent hypergeometric function (ref.7) which leads to

$$R_{n\ell}(r) = \sqrt{\frac{2}{\sqrt{\pi}} K_\ell C_{n\ell}} r^{\ell+1} \exp(-r^2/2) {}_1F_1(-n, \ell + \frac{3}{2}, r^2) \quad (2)$$

where

$$K_\ell = \frac{2^{\ell+1}}{(2\ell+1)!!} \quad C_{n\ell} = \prod_{j=1}^n \left(\frac{2j+2\ell+1}{2j} \right). \quad (3)$$

The second function is $G_m^{(\ell)}(r, r')$ which is defined and studied in detail in ref.1. We recall its most important property

$$\int_0^{+\infty} G_m^{(\ell)}(r, r') f(r') dr' = \sum_{\substack{n=0 \\ n \neq m}}^{\infty} \frac{R_{n\ell}(r)}{4(m-n)} \int_0^{+\infty} R_{n\ell}(r') f(r') dr'$$

which is valid for any quadratic integrable function f . For applications connected with the calculation of matrix elements only the special case $r=a$, $r' \geq a$, $m=0, +1, +2, \dots$ is of interest. The corresponding formula reads

$$G_m^{(\ell)}(a, r') = -\bar{M}_{-m, \ell}(a) \bar{W}_{-m, \ell}(r') \dots m = -1, -2, \dots$$

$$G_m^{(\ell)}(a, r') = \frac{1}{2} \left[\ln 2 + C - \sum_{p=1}^m \frac{1}{2p} - \sum_{p=1}^{m+\ell+1} \frac{1}{2p-1} \right] R_{m\ell}(a) R_{m\ell}(r') + \\ + R_{m\ell}(a) W_{m\ell}(r') + R_{m\ell}(r') M_{m\ell}(a) \quad m = 0, 1, \dots$$

where C is the Euler constant. The functions W and \bar{W} which enter the integrals will be specified later.

Now we can list all the integrals occurring in the method of ref. 1 ($i = 0, 1 \dots 5$):

$$\begin{aligned} [0] \quad & \int_a^{+\infty} R_{m\ell}(r) v_1(r) R_{n\ell}(r) dr \quad m = 0, 1, 2, \dots \quad n = 0, 1, 2, \dots \\ [1] \quad & \int_a^{+\infty} W_{m\ell}(r) v_1(r) R_{n\ell}(r) dr \quad m = 0, 1, 2, \dots \quad n = 0, 1, 2, \dots \\ [2] \quad & \int_a^{+\infty} \bar{W}_{m\ell}(r) v_1(r) R_{n\ell}(r) dr \quad m = 1, 2, 3, \dots \quad n = 0, 1, 2, \dots \\ [3] \quad & \int_a^{+\infty} [W_{m\ell}(r)]^2 v_1(r) dr \quad m = 0, 1, 2, \dots \\ [4] \quad & \int_a^{+\infty} [\bar{W}_{m\ell}(r)]^2 v_1(r) dr \quad m = 1, 2, 3, \dots \end{aligned} \quad (5)$$

where $v_1(r)$ is related to $V_1(x)$ by

$$v_1(r) = \frac{2}{\omega} V_1 \left(\mu \sqrt{\frac{2}{m\omega}} r \right).$$

Note that integrals of the type [0] are symmetrical with respect to n, m and hence it is sufficient to calculate them for $n \geq m$ only.

As to the non-diagonal integrals for the tensor force the following recursion relation leads to a straightforward expression of the types [0], [1], [2] by means of the corresponding diagonal integrals

$$R_{n, \ell+2} = \frac{1}{\sqrt{n+\ell+\frac{5}{2}}} \left[\sqrt{n} R_{n-1, \ell+2}(r) + \sqrt{n+\ell+\frac{3}{2}} R_{n\ell}(r) - \sqrt{n+1} R_{n+1, \ell}(r) \right]. \quad (6)$$

Only the integrals

$$\int_a^{+\infty} R_{00}(r) v_3(r) W_{m2}(r) dr, \quad \int_a^{+\infty} R_{00}(r) v_3(r) \bar{W}_{m2}(r) dr$$

cannot be evaluated by means of (6) and they have been calculated separately as well as the non-diagonal integrals of the type [3] and [4] (see table 1).

Now we shall define the functions $\bar{W}_{m\ell}$ and $W_{m\ell}$.

I.
$$\bar{W}_{m\ell}(r) = \frac{1}{\sqrt{r}} W_{-m+\frac{\ell}{2}+\frac{3}{4}, \frac{\ell}{2}+\frac{1}{4}}(r^2)$$
 where $W_{\lambda\mu}$ is the Whittaker function (ref.7). For r not too large, say $r \leq b$ (the value $b=2.5$ has been chosen for the numerical calculation), the W -function can be calculated by means of the hypergeometric function^{x)}

$$\begin{aligned} \bar{W}_{m\ell}(r) = \frac{1}{m!} & \left[\frac{r^{\ell+1} \exp(-r^2/2)}{C_{m, -\ell-2}} {}_1F_1\left(m, \ell + \frac{3}{2}, r^2\right) + \right. \\ & \left. + \sqrt{\pi} \frac{2m}{2\ell+1} \frac{1}{K_\ell} \frac{\exp(r^2/2)}{r^\ell} {}_1F_1\left(1-m, \frac{1}{2} - \ell, -r^2\right) \right] \end{aligned} \quad (7)$$

where C and K are defined by (3).

For $r > b$ formula (7) is not convenient for a numerical treatment, since \bar{W} which tends to zero for $r \rightarrow \infty$, is expressed as a difference of two diverging functions. The following asymptotic formula is used instead of (7)

$$\bar{W}_{m\ell}(r) = \exp(-r^2/2) r^{-2m+\ell+1} \left(1 + \sum_{k=1}^{nr} a_k(r) \right) \quad (8)$$

where $a_{k+1}(r) = -\frac{1}{r^2} \frac{a_k(r)}{k+1} (m+k)(m+k-\ell-\frac{1}{2}) \quad k=1,2,\dots$

$$a_1(r) = -\frac{m(m-\ell-\frac{1}{2})}{r^2}$$

x) The confluent hypergeometric function is calculated by means of its Taylor series, which converges very rapidly for all values of parameters, with an absolute error less than 10^{-6} .

The upper bound in the sum has been chosen in dependence on r according to the following conditions

$$\left| \frac{a_{k+1}(r)}{a_k(r)} \right| < 1 \quad \text{and} \quad |a_k| > 10^{-7} \quad k = 1, 2, \dots, n_r.$$

If these conditions are not fulfilled for any $k > 0$ (this case can occur only if r is near to b) we take

$$\bar{W}_{m\ell}(r) = \frac{\bar{W}_{m\ell}(b)}{\exp(-b^2/2) b^{-2m+\ell+1}} r^{-2m+\ell+1} \exp(-r^2/2).$$

11. The general formula for $\bar{W}_{m\ell}$ is rather complicated and here only explicit expressions for $\ell = 0, 1, 2$ will be given (for the notation see eq. (3)):

$$\bar{W}_{m\ell}(r) = \frac{1}{2\sqrt{2\pi}^{1/4} m!} \sqrt{\frac{K_\ell}{C_{m\ell}}} \times \begin{cases} A_{m+1}(r) & \dots \ell=0 \\ \frac{1}{2r} A_{m+1}(r) - B_{m+1}(r) & \dots \ell=1 \\ \frac{3}{4r^2} A_{m+1}(r) - \frac{3}{2r} B_{m+1}(r) - A_{m+2}(r) & \dots \ell=2 \end{cases} \quad (9)$$

The functions $A_p(r)$, $B_p(r)$ are defined recursively by means of two auxiliary functions $H_p^{(+)}(r)$, $H_p^{(-)}(r)$ which are proportional to the Hermite polynomials of degree $2p-2$ and $2p-1$ respectively, multiplied by $\exp(-r^2/2)$. For calculating them, recursion relations are again the most convenient. Thus we have

$$\begin{aligned} B_p(r) &= \left(p - \frac{1}{2}\right) B_{p-1}(r) - r A_p(r) + H_p^{(+)}(r) \\ H_p^{(-)}(r) &= -r H_p^{(+)}(r) + (p-1) H_{p-1}^{(-)}(r) \\ H_{p+1}^{(+)}(r) &= r H_p^{(-)}(r) + \left(p - \frac{1}{2}\right) H_p^{(+)}(r) \\ A_{p+1}(r) &= p A_p(r) + r B_p(r) - H_p^{(-)}(r) \quad p = 1, 2, \dots \\ H_1^{(+)}(r) &= \exp(-r^2/2). \end{aligned} \quad (10)$$

Finally $B_0(r)$ and $A_1(r)$ are defined by

$$B_0(r) = -\exp(-r^2/2) \left[C + 2 \ln 2 + 2 \sqrt{\pi} \int_0^r e^{t^2} [\Phi(t) - 1] dt \right]$$

$$A_1(r) = r B_0(r) + \sqrt{\pi} \exp(r^2/2) [\Phi(r) - 1] \quad (11)$$

where C is the Euler constant and

$$\Phi(r) = \frac{2}{\sqrt{\pi}} \int_0^{\infty} e^{-t^2} dt = \frac{2r}{\sqrt{\pi}} {}_1F_1\left(\frac{1}{2}, \frac{3}{2}, -r^2\right).$$

Here again the trouble with numerical accuracy arises by evaluating the expression

$$\exp(r^2/2) [\Phi(r) - 1].$$

For small values of r we can use directly the formula for the ${}_1F_1$ and similarly the integral in (11) can be expressed as a difference of two rapidly convergent series

$$2\sqrt{\pi} \int_0^{\infty} e^{-t^2} [\Phi(t) - 1] dt = \sum_{n=0}^{\infty} \frac{1}{n+1} \frac{(2r^2)^{n+1}}{(2n+1)!!} - 2\sqrt{\pi} r {}_1F_1\left(\frac{1}{2}, \frac{3}{2}, r^2\right). \quad (12)$$

However for large r (in our case $r > 2.5$) we must use the following asymptotic relation (ref.7)

$$e^{r^2} [\Phi(r) - 1] = \frac{-1}{\sqrt{\pi}r} \sum_{k=0}^{n-1} \frac{(-1)^k 2^k}{(2k-1)!! r^{2k}} + \frac{1}{\sqrt{\pi}} Z_n(r) \quad (13)$$

where

$$|Z_n(r)| < \frac{2^n}{(2n-1)!!} \frac{1}{r^{2n+1}},$$

and consequently for $r > \sqrt{2}$ we get a good accuracy retaining only few terms (we put $n=6$). The interval of integration in (11) is then divided in two parts: $<0, 2.5 >$ and $<2.5, r >$. The integration over the first interval is performed according to eq. (12) while for the second interval we integrate directly the right-hand side of (13).

The accuracy of these methods for determining of \bar{W} and W has been tested as described in the next section.

4. Arrangement and Accuracy of the Tables

For the numerical integration the Romberg method has been adopted (ref.8). However the determination of the accuracy has been modified. Let us denote the result after the n -th iteration by I_n . Then the accuracy parameter ϵ is compared with

$$|(I_n - I_{n-1})/I_n| \quad \text{if } |I_n| > 1$$

or if $n < 5$ ($n=5$ means that the integrand is evaluated in 32 points of the basic interval of integration). In the remaining cases ϵ is compared with $|I_n - I_{n-1}|$. The value $\epsilon = 10^{-4}$ has been taken throughout the tables.

The integration starts with the "basic interval" $\langle a, 3 \rangle$ (note that the values of a range from .168 to .267) which should give the main contribution. Let us denote the result by I . Then integrals j_n over intervals $\langle n, n+1 \rangle$ ($n=3,4 \dots$) are calculated and added to I , and for each of them the quantity ϵ_n is determined by

$$\epsilon_n = \begin{cases} |j_n| & \text{if } |j_n| < 1 \\ |j_n/j_n| & \text{if } |j_n| > 1 \end{cases}$$

where

$$j_n = \sum_{m=3}^n j_m + I.$$

This process is continued until for three subsequent n the values ϵ_n are less than ϵ . Thus the lowest value for the approximated upper bound of integration is 6.

The accuracy of this approximation of the upper bound has been tested by calculating some integrals with $\epsilon = 10^{-6}$ and $\epsilon = 10^{-7}$. It turns out that: (i) the change in ϵ from 10^{-6} to 10^{-7} affects the value of the considered integrals less than is the accuracy of the computer (9 digits) and consequently the values so obtained may be considered as exact.

(ii) if $\epsilon = 10^{-4}$ then for integrals with the absolute value < 1 at least four digits behind the decimal point are exact, while for the others at least three digits behind the decimal point are exact.

The accuracy of the methods for calculating W and \overline{W} described in sec.3 has been tested putting $v_1(r) = 1$. In this case exact formulas for the integrals of the first three types in (5) can be derived since all the functions involved are solutions of the differential equation

$$\left[\frac{d^2}{dr^2} - r^2 - \frac{\ell(\ell+1)}{r^2} - \lambda \right] f_\lambda^{(\ell)}(r) = g^{(\ell)}(r)$$

for different values of λ and different right-hand sides (ref.1). Comparing them with the numerical calculations performed with $\epsilon = 10^{-6}$ we obtain an error less than 10^{-7} .

In table 1 the non-diagonal integrals for the tensor force ($i = 3$) are given. Each column contains 18 integrals for a given \mathbf{a} in the following order (again only integrals which have been used in ref.2 are listed):

$$\begin{aligned} & \int_a^{+\infty} W_{m0}(r) v_3(r) W_{m-1,2}(r) dr & m = 1, 2 \\ & \int_a^{+\infty} W_{1,2}(r) v_3(r) W_{00}(r) dr \\ & \int_a^{+\infty} \overline{W}_{m0}(r) v_3(r) W_{m+1,2}(r) dr & m = 1, 2, \dots, 6 \\ & \int_a^{+\infty} R_{00}(r) v_3(r) W_{m2}(r) dr & m = 0, 1 \\ & \int_a^{+\infty} R_{00}(r) v_3(r) \overline{W}_{m2}(r) dr & m = 1, 2, \dots, 7 \end{aligned}$$

In table 2 the values of integrals diagonal with respect to ℓ are given. They are subdivided according to the values of parameter $a(\omega)$ and ℓ . The following values of a have been considered: $a = .267, .246, .221, .197, .168$ which corresponds to $\omega = 25.10, 21.31, 17.20, 13.67, 9.94$ MeV. For each a , ℓ equals 0,1,2 i.e. we have 15 pairs of values a, ℓ . These values are indicated at the head of each page. Further each page consists of seven columns. The very left one is an "index column" and contains in each row three integer numbers: first of them denotes the given type, the second refers to index m and the third to index n of integrals placed in this row (for the notation

cf. eq. (5)). Further the $(i+2)$ -th column ($i=0,1,2,\dots,5$) from the left contains integrals (with indices as given by the "index column") for the potential v_1 (e.g. the second column from the left contains Coulomb integrals, the third central-singlet integrals etc).^{x/} The limitation of indices ℓ, m, n corresponds to the limitations used in ref.2.

An ALGOL-60 program for the calculation of integrals is available.

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^{x/} For $\ell=0$ the last two columns are empty, since the spin-orbital and quadratic spin-orbital integrals are multiplied by zero in (1). On the other hand the tensor integrals for $\ell=0$ are necessary for the calculation of the nondiagonal integrals $\ell=0, \ell'=2$ (cf. (6)).

Table 1

a = .267	a = .246	a = .221	a = .197	a = .168
-2.9997	-4.3217	-6.7116	-10.4221	-18.4938
-3.1949	-.7903	-1.6890	-3.1503	-6.4643
34.0519	44.4216	62.6124	90.0641	148.1207
-67.2691	-89.2669	-128.5963	-189.1679	-320.2416
-21.8185	-30.0050	-45.0903	-69.0566	-122.6903
-2.6817	-3.7844	-5.8629	-9.2427	-16.9973
-.1740	-.2509	-.3986	-.6436	-1.2179
-.0070	-.0103	-.0167	-.0275	-.0534
-.0002	-.0003	-.0006	-.0008	-.0017
6.6833	7.7768	9.4957	11.7868	15.9523
3.7894	4.4014	5.3527	6.6080	8.8697
-30.6553	-36.2129	-44.9904	-56.7349	-78.1515
-27.5738	-33.0391	-41.7082	-53.3510	-74.6503
-12.6354	-15.3056	-19.5627	-25.3068	-35.8595
-3.8969	-4.7646	-6.1553	-8.0409	-11.5209
-.9070	-1.1183	-1.4587	-1.9224	-2.7824
-.1697	-.2108	-.2774	-.3686	-.5385
-.0266	-.0332	-.0441	-.0590	-.0870

a = .267	l=0	Table 2		
0 0 0	.0663	- 3.3276	- 1.0381	- 2.0979
0 0 1	.0232	- 3.3130	- .9132	- 1.8481
0 0 2	.0131	- 3.0882	- .7699	- 1.5741
0 0 3	.0083	- 2.8086	- .6432	- 1.3381
0 0 4	.0054	- 2.5230	- .5346	- 1.1384
0 0 5	.0035	- 2.2464	- .4419	- .9679
0 0 6	.0021	- 1.9845	- .3622	- .8208
0 0 7	.0011	- 1.7392	- .2934	- .6925
0 0 8	.0003	- 1.5108	- .2338	- .5796
0 0 9	-.0004	- 1.2990	- .1819	- .4797
0 0 10	-.0009	- 1.1029	- .1365	- .3906
0 0 11	-.0013	- .9216	- .0967	- .3109
0 0 12	-.0016	-.7542	- .0617	- .2393
0 0 13	-.0019	-.5997	- .0309	- .1748
0 1 1	.0523	- 3.5476	- .9525	- 1.9539
0 1 2	.0215	- 3.4027	- .8544	- 1.7734
0 1 3	.0128	- 3.1511	- .7380	- 1.5528
0 1 4	.0083	- 2.8677	- .6277	- 1.3440
0 1 5	.0055	- 2.5800	- .5283	- 1.1565
0 1 6	.0035	- 2.2998	- .4403	- .9901
0 1 7	.0020	- 2.0322	- .3627	- .8427
0 1 8	.0010	- 1.7796	- .2943	- .7116
0 1 9	.0001	- 1.5427	- .2340	- .5945
0 1 10	-.0006	- 1.3214	- .1808	- .4897
0 1 11	-.0011	- 1.1155	- .1337	- .3954
0 1 12	-.0016	-.9241	- .0920	- .3105
0 1 13	-.0019	-.7467	- .0551	- .2338
0 2 2	.0445	- 3.3790	- .8361	- 1.7558
0 2 3	.0195	- 3.1968	- .7566	- 1.6092
0 2 4	.0119	- 2.9527	- .6628	- 1.4287
0 2 5	.0078	- 2.6873	- .5696	- 1.2496
0 2 6	.0051	- 2.4189	- .4833	- 1.0828
0 2 7	.0032	- 2.1568	- .4050	- .9309
0 2 8	.0018	- 1.9042	- .3345	- .7936
0 2 9	.0008	- 1.6646	- .2714	- .6696
0 2 10	.0001	- 1.4387	- .2149	- .5578
0 2 11	-.0008	- 1.2265	- .1646	- .4566
0 2 12	-.0013	- 1.0281	- .1196	- .3650
0 2 13	-.0018	-.8430	- .0795	- .2820
0 3 3	.0391	- 3.0974	- .7270	- 1.5616
0 3 4	.0177	- 2.9108	- .6616	- 1.4381
0 3 5	.0109	- 2.6840	- .5842	- 1.2871
0 3 6	.0072	- 2.4420	- .5061	- 1.1332
0 3 7	.0047	- 2.1977	- .4319	- .9864
0 3 8	.0029	- 1.9579	- .3632	- .8500

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0 3 11	.0002	- 1.2963	- .1918	- .5063	
0 3 12	.0009	- 1.0989	- .1453	- .4114	
0 3 13	.0014	- .9135	- .1036	- .3250	
0 4 4	.0352	- 2.7876	- .6313	- 1.3834	
0 4 5	.0162	- 2.6094	- .5770	- 1.2773	
0 4 6	.0101	- 2.4030	- .5126	- 1.1495	
0 4 7	.0066	- 2.1851	- .4465	- 1.0165	
0 4 8	.0043	- 1.9653	- .3826	- .8873	
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0 4 10	.0014	- 1.5393	- .2667	- .6523	
0 4 11	.0004	- 1.3384	- .2156	- .5480	
0 4 12	.0004	- 1.1471	- .1690	- .4521	
0 4 13	.0010	- .9660	- .1266	- .3643	
0 5 5	.0322	- 2.4826	- .5491	- 1.2237	
0 5 6	.0149	- 2.3181	- .5036	- 1.1325	
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0 5 8	.0061	- 1.9378	- .3932	- .9069	
0 5 9	.0040	- 1.7412	- .3379	- .7931	
0 5 10	.0024	- 1.5473	- .2853	- .6844	
0 5 11	.0012	- 1.3587	- .2360	- .5825	
0 5 12	.0003	- 1.1772	- .1903	- .4877	
0 5 13	.0004	- 1.0038	- .1483	- .4000	
0 6 6	.0298	- 2.1966	- .4789	- 1.0821	
0 6 7	.0139	- 2.0475	- .4406	- 1.0031	
0 6 8	.0087	- 1.8820	- .3949	- .9080	
0 6 9	.0057	- 1.7088	- .3467	- .8071	
0 6 10	.0037	- 1.5338	- .2987	- .7066	
0 6 11	.0022	- 1.3607	- .2525	- .6097	
0 6 12	.0011	- 1.1913	- .2088	- .5180	
0 6 13	.0002	- 1.0286	- .1680	- .4321	
0 7 7	.0278	- 1.9353	- .4193	- .9573	
0 7 8	.0130	- 1.8018	- .3869	- .8886	
0 7 9	.0082	- 1.6550	- .3446	- .8061	
0 7 10	.0054	- 1.5017	- .3065	- .7178	
0 7 11	.0035	- 1.3464	- .2647	- .6289	
0 7 12	.0021	- 1.1922	- .2241	- .5424	
0 7 13	.0010	- 1.0414	- .1853	- .4599	
0 8 8	.0262	- 1.7005	- .3687	- .8478	
0 8 9	.0123	- 1.5321	- .3413	- .7881	
0 8 10	.0077	- 1.4526	- .3081	- .7163	
0 8 11	.0051	- 1.3172	- .2722	- .6388	
0 8 12	.0033	- 1.1797	- .2357	- .5600	
0 8 13	.0020	- 1.0428	- .1998	- .4828	
0 9 9	.0243	- 1.4921	- .3260	- .7523	

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0 9 12	.0049	- 1.1548	- .2431	- .5695	
0 9 13	.0032	- 1.0334	- .2111	- .4996	
0 10 10	.0237	- 1.3088	- .2898	- .6692	
0 10 11	.0112	- 1.2177	- .2702	- .6241	
0 10 12	.0071	- 1.1180	- .2457	- .5694	
0 10 13	.0047	- 1.0133	- .2186	- .5093	
0 11 11	.0226	- 1.1490	- .2595	- .5972	
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0 11 13	.0068	- .9829	- .2217	- .5103	
0 12 12	.0218	- 1.0108	- .2340	- .5851	
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0 13 13	.0210	- .8923	- .2128	- .4820	
1 0 0	.0189	2.9522	.7159	1.5118	
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1 0 2	.0186	3.2182	.7319	1.5816	
1 0 3	.0146	3.0887	.6758	1.4795	
1 0 4	.0116	2.9066	.6119	1.3591	
1 0 5	.0093	2.6994	.5468	1.2343	
1 0 6	.0074	2.4816	.4835	1.1128	
1 0 7	.0058	2.2613	.4234	.9929	
1 0 8	.0045	2.0434	.3668	.8803	
1 0 9	.0034	1.8308	.3142	.7740	
1 0 10	.0025	1.6254	.2652	.6740	
1 0 11	.0016	1.4283	.2201	.5804	
1 0 12	.0009	1.2400	.1784	.4928	
1 0 13	.0003	1.0609	.1400	.4110	
1 1 0	.0118	.8947	.0946	.2565	
1 1 1	.0026	1.1331	.1824	.4483	
1 1 2	.0109	1.2551	.2397	.5694	
1 1 3	.0101	1.3004	.2652	.6213	
1 1 4	.0087	1.2977	.2709	.6305	
1 1 5	.0074	1.2644	.2649	.6150	
1 1 6	.0062	1.2112	.2520	.5855	
1 1 7	.0052	1.1452	.2352	.5481	
1 1 8	.0043	1.0710	.2151	.5065	
1 1 9	.0036	.9919	.1961	.4630	
1 1 10	.0029	.9101	.1757	.4191	
1 1 11	.0024	.8274	.1555	.3756	
1 1 12	.0018	.7450	.1358	.3331	
1 1 13	.0014	.6637	.1168	.2920	
1 2 0	.0124	- .1786	- .1743	- .2875	
1 2 1	.0150	- .0620	- .1310	- .1978	
1 2 2	.0097	.0762	.0639	.0642	
1 2 3	.0053	.1993	.0015	.0573	

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1 2 6	- .0053	.4048	.0941	.2325
1 2 7	- .0043	.4326	.1056	.2496
1 2 8	- .0042	.4471	.1114	.2553
1 2 9	- .0037	.4510	.1131	.2544
1 2 10	- .0033	.4468	.1118	.2479
1 2 11	- .0029	.4362	.1083	.2377
1 2 12	- .0025	.4206	.1034	.2251
1 2 13	- .0021	.4013	.0974	.2109
2 1 0	.0566	- 6.3936	- 1.5954	- 3.3701
2 1 1	.0442	- 6.9126	- 1.6354	- 3.4918
2 1 2	.0352	- 6.8428	- 1.5453	- 3.3411
2 1 3	.0284	- 6.5517	- 1.4181	- 3.1098
2 1 4	.0231	- 6.1594	- 1.2810	- 2.8533
2 1 5	.0187	- 5.7195	- 1.1444	- 2.5931
2 1 6	.0151	- 5.2600	- 1.0129	- 2.3385
2 1 7	.0121	- 4.7966	- .8883	- 2.0939
2 1 8	.0096	- 4.3388	- .7715	- 1.8611
2 1 9	.0073	- 3.8925	- .6599	- 1.6411
2 1 10	.0054	- 3.4611	- .5614	- 1.4337
2 1 11	.0037	- 3.0467	- .4677	- 1.2390
2 1 12	.0023	- 2.6508	- .3811	- 1.0563
2 2 0	.0299	- 4.2120	- .3936	- 2.1345
2 2 1	.0263	- 4.6205	- 1.0493	- 2.2768
2 2 2	.0230	- 4.6276	- 1.0135	- 2.2276
2 2 3	.0195	- 4.4779	- .9494	- 2.1112
2 2 4	.0165	- 4.2497	- .8729	- 1.9671
2 2 5	.0139	- 3.9804	- .7920	- 1.8121
2 2 6	.0116	- 3.6909	- .7114	- 1.6546
2 2 7	.0096	- 3.3933	- .6333	- 1.4990
2 2 8	.0079	- 3.0943	- .5587	- 1.3473
2 2 9	.0063	- 2.7997	- .4877	- 1.2022
2 2 10	.0049	- 2.5114	- .4207	- 1.0631
2 2 11	.0037	- 2.2318	- .3577	- .9308
2 3 0	.0100	- 1.5988	- .3649	- .7931
2 3 1	.0096	- 1.7666	- .3909	- .8530
2 3 2	.0085	- 1.7311	- .3826	- .8492
2 3 3	.0075	- 1.7333	- .3620	- .8128
2 3 4	.0065	- 1.6537	- .3360	- .7639
2 3 5	.0055	- 1.5570	- .3073	- .7093
2 3 6	.0047	- 1.4510	- .2791	- .6524
2 3 7	.0040	- 1.3405	- .2506	- .5952
2 3 8	.0033	- 1.2285	- .2230	- .5388
2 3 9	.0027	- 1.1170	- .1965	- .4840
2 3 10	.0022	- 1.0072	- .1712	- .4311

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2 4 2	.0022	- .4322	- .1020	- .2233
2 4 3	.0020	- .4711	- .0972	- .2200
2 4 4	.0018	- .4512	- .0909	- .2030
2 4 5	.0015	- .4264	- .0838	- .1941
2 4 6	.0013	- .3987	- .0764	- .1795
2 4 7	.0011	- .3697	- .0691	- .1646
2 4 8	.0010	- .3400	- .0619	- .1493
2 4 9	.0008	- .3103	- .0549	- .1352
2 5 0	.0005	- .0892	- .0195	- .0432
2 5 1	.0005	- .0994	- .0213	- .0474
2 5 2	.0005	- .1010	- .0211	- .0476
2 5 3	.0004	- .0990	- .0202	- .0460
2 5 4	.0004	- .0951	- .0190	- .0437
2 5 5	.0003	- .0901	- .0176	- .0410
2 5 6	.0003	- .0845	- .0161	- .0381
2 5 7	.0002	- .0785	- .0147	- .0350
2 5 8	.0002	- .0724	- .0132	- .0320
2 6 0	.0001	- .0152	- .0033	- .0073
2 6 1	.0001	- .0170	- .0036	- .0080
2 6 2	.0001	- .0173	- .0036	- .0081
2 6 3	.0001	- .0170	- .0034	- .0079
2 6 4	.0001	- .0163	- .0032	- .0075
2 6 5	.0001	- .0155	- .0030	- .0071
2 6 6	.0000	- .0146	- .0028	- .0066
2 6 7	.0000	- .0136	- .0025	- .0061
3 0	.0165	- 3.1927	- .6862	- 1.5284
3 1	.0095	- .7285	- .1633	- .3824
3 2	.0111	- .3088	- .1156	- .2346
4 1	.0785	-14.5900	- 3.1561	- 7.0384
4 2	.0301	- 6.8824	- 1.4006	- 3.2176
4 3	.0042	- 1.0486	- .2066	- .4834
4 4	.0003	- .0788	- .0152	- .0360
4 5	.0000	- .0035	- .0007	- .0016
4 6	.0000	- .0001	- .0000	- .0001

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0 0 2	.0083	3.1511	-.0626	.0966	-.4624	-.0103			
0 0 3	.0055	3.6305	-.0605	.0783	-.5036	-.0128			
0 0 4	.0040	4.0092	-.0560	.0647	-.5360	-.0150			
0 0 5	.0031	4.3030	-.0507	.0547	-.5500	-.0171			
0 0 6	.0024	4.5256	-.0454	.0471	-.5542	-.0189			
0 0 7	.0019	4.6835	-.0403	.0414	-.5514	-.0203			
0 0 8	.0016	4.8009	-.0355	.0369	-.5432	-.0215			
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0 0 10	.0011	4.9041	-.0273	.0306	-.5162	-.0232			
0 0 11	.0009	4.9066	-.0237	.0283	-.4992	-.0237			
0 0 12	.0007	4.8827	-.0205	.0264	-.4805	-.0239			
0 0 13	.0006	4.8361	-.0177	.0248	-.4608	-.0240			
0 1 1	.0424	3.8819	-.0714	.1506	-.5541	-.0123			
0 1 2	.0167	4.7336	-.0802	.1386	-.6627	-.0164			
0 1 3	.0102	5.4386	-.0819	.1194	-.7345	-.0201			
0 1 4	.0071	5.9996	-.0790	.1019	-.7793	-.0234			
0 1 5	.0053	6.4415	-.0737	.0875	-.8057	-.0262			
0 1 6	.0041	6.7818	-.0673	.0761	-.8168	-.0287			
0 1 7	.0033	7.0852	-.0607	.0671	-.8170	-.0308			
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0 1 9	.0022	7.3296	-.0483	.0542	-.7941	-.0338			
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0 1 12	.0012	7.3769	-.0327	.0424	-.7255	-.0358			
0 1 13	.0010	7.3151	-.0283	.0396	-.6977	-.0359			
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0 2 3	.0171	6.8178	-.0914	.1453	-.8884	-.0268			
0 2 4	.0110	7.5193	-.0913	.1306	-.9493	-.0302			
0 2 5	.0079	8.0733	-.0877	.1152	-.9867	-.0336			
0 2 6	.0060	8.5058	-.0823	.1017	-1.0060	-.0365			
0 2 7	.0047	8.8327	-.0758	.0903	-1.0112	-.0388			
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0 2 10	.0025	9.3132	-.0552	.0668	-.9706	-.0436			
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0 3 3	.0364	7.8948	-.0949	.1553	-.9961	-.0315			
0 3 4	.0170	8.7244	-.0967	.1493	-1.0701	-.0359			
0 3 5	.0113	9.3735	-.0955	.1371	-1.1182	-.0397			
0 3 6	.0083	9.8304	-.0916	.1237	-1.1458	-.0429			
0 3 7	.0064	10.2630	-.0861	.1113	-1.1573	-.0456			
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0 3 12	.0023	10.8934	-.0524	.0707	-1.0667	-.0517			
0 3 13	.0019	10.8265	-.0463	.0653	-1.0315	-.0518			
0 4 4	.0343	9.6772	-.0932	.1560	-1.1553	-.0408			
0 4 5	.0167	10.4165	-.0933	.1513	-1.2129	-.0448			
0 4 6	.0114	10.9900	-.0964	.1412	-1.2486	-.0483			
0 4 7	.0085	11.4295	-.0925	.1296	-1.2666	-.0510			
0 4 8	.0066	11.7556	-.0871	.1183	-1.2702	-.0532			
0 4 9	.0053	11.9830	-.0808	.1030	-1.2622	-.0549			
0 4 10	.0043	12.1236	-.0741	.0939	-1.2447	-.0561			
0 4 11	.0035	12.1879	-.0673	.0910	-1.2196	-.0569			
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0 4 13	.0023	12.1229	-.0541	.0730	-1.1526	-.0573			
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0 5 6	.0163	11.9817	-.0973	.1525	-1.3222	-.0527			
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0 5 9	.0067	12.9900	-.0863	.1233	-1.3520	-.0594			
0 5 10	.0054	13.1542	-.0803	.1136	-1.3379	-.0606			
0 5 11	.0043	13.2364	-.0739	.1047	-1.3153	-.0614			
0 5 12	.0035	13.2462	-.0673	.0969	-1.2856	-.0617			
0 5 13	.0029	13.1913	-.0603	.0899	-1.2504	-.0616			
0 6 6	.0310	12.5840	-.0973	.1563	-1.3722	-.0563			
0 6 7	.0159	13.1208	-.0959	.1531	-1.4028	-.0591			
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0 6 11	.0053	14.0903	-.0783	.1176	-1.3887	-.0649			
0 6 12	.0043	14.1138	-.0726	.1091	-1.3615	-.0651			
0 6 13	.0035	14.0638	-.0663	.1013	-1.3279	-.0650			
0 7 7	.0296	13.7053	-.0943	.1561	-1.4392	-.0620			
0 7 8	.0154	14.1424	-.0931	.1532	-1.4590	-.0643			
0 7 9	.0109	14.4552	-.0904	.1466	-1.4648	-.0659			
0 7 10	.0083	14.6627	-.0867	.1382	-1.4589	-.0670			
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0 7 12	.0053	14.8155	-.0764	.1204	-1.4190	-.0673			
0 7 13	.0043	14.7809	-.0706	.1121	-1.3879	-.0676			
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0 8 9	.0149	14.9592	-.0897	.1528	-1.4944	-.0680			
0 8 10	.0106	15.1891	-.0870	.1468	-1.4929	-.0690			
0 8 11	.0081	15.3228	-.0833	.1390	-1.4810	-.0696			
0 8 12	.0064	15.3729	-.0789	.1306	-1.4603	-.0697			
0 8 13	.0052	15.3493	-.0733	.1222	-1.4322	-.0694			
0 9 9	.0272	15.3315	-.0881	.1545	-1.5096	-.0695			

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0 9 12	.0079	15.8033	-.0799	.1391	-1.4876	-.0710			
0 9 13	.0064	15.7916	-.0757	.1312	-1.4629	-.0707			
0 10 10	.0262	15.8651	-.0343	.1532	-1.5194	-.0714			
0 10 11	.0141	16.0387	-.0322	.1507	-1.5156	-.0718			
0 10 12	.0102	16.1200	-.0796	.1454	-1.5025	-.0718			
0 10 13	.0080	16.1214	-.0762	.1386	-1.4813	-.0714			
0 11 11	.0254	16.2335	-.0805	.1515	-1.5158	-.0722			
0 11 12	.0139	16.3335	-.0783	.1490	-1.5065	-.0721			
0 11 13	.0102	16.3500	-.0757	.1440	-1.4890	-.0717			
0 12 12	.0249	16.4526	-.0765	.1494	-1.5010	-.0720			
0 12 13	.0138	16.4864	-.0744	.1468	-1.4872	-.0715			
0 13 13	.0242	16.5379	-.0727	.1469	-1.4771	-.0710			
1 0 0	-.0175	-12.7301	.0997	-.1735	1.3117	.0494			
1 0 1	-.0282	-19.2334	.1386	-.2415	1.9448	.0753			
1 0 2	-.0262	-24.2874	.1634	-.2776	2.4134	.0957			
1 0 3	-.0243	-28.3894	.1785	-.2979	2.7736	.1125			
1 0 4	-.0226	-31.7666	.1868	-.3093	3.0523	.1265			
1 0 5	-.0211	-34.5543	.1901	-.3155	3.2665	.1380			
1 0 6	-.0197	-36.8458	.1899	-.3182	3.4280	.1474			
1 0 7	-.0185	-38.7107	.1873	-.3186	3.5457	.1550			
1 0 8	-.0173	-40.2038	.1828	-.3172	3.6266	.1610			
1 0 9	-.0162	-41.3697	.1770	-.3146	3.6763	.1654			
1 0 10	-.0152	-42.2460	.1703	-.3110	3.6994	.1686			
1 0 11	-.0142	-42.8645	.1629	-.3066	3.6996	.1705			
1 0 12	-.0133	-43.2529	.1552	-.3015	3.6803	.1713			
1 0 13	-.0124	-43.4352	.1472	-.2958	3.6440	.1712			
1 1 0	-.0039	-8.3840	.0532	-.0613	.8325	.0338			
1 1 1	-.0032	-12.7007	.0764	-.1132	1.2413	.0513			
1 1 2	-.0172	-16.0786	.0919	-.1547	1.5489	.0650			
1 1 3	-.0171	-18.8162	.1037	-.1816	1.7894	.0761			
1 1 4	-.0161	-21.0696	.1122	-.1981	1.9789	.0851			
1 1 5	-.0151	-22.9332	.1174	-.2077	2.1272	.0926			
1 1 6	-.0141	-24.4700	.1200	-.2130	2.2414	.0986			
1 1 7	-.0132	-25.7260	.1205	-.2154	2.3268	.1034			
1 1 8	-.0124	-26.7367	.1194	-.2158	2.3875	.1072			
1 1 9	-.0116	-27.5309	.1170	-.2147	2.4272	.1100			
1 1 10	-.0108	-28.1328	.1137	-.2126	2.4487	.1119			
1 1 11	-.0101	-28.5631	.1096	-.2097	2.4544	.1131			
1 1 12	-.0094	-28.8398	.1051	-.2062	2.4466	.1135			
1 1 13	-.0088	-28.9785	.1003	-.2023	2.4270	.1134			
1 2 0	.0044	-6.2116	.0237	-.0171	.5707	.0262			
1 2 1	.0070	-9.4043	.0396	-.0437	.8608	.0394			
1 2 2	.0032	-11.9271	.0513	-.0766	1.0846	.0496			
1 2 3	.0114	-13.9995	.0601	-.1072	1.2639	.0578			

a=.267	l=1										
1 2 4	-.0122	-15.7116	.0678	-.1299	1.4088	.0644					
1 2 5	-.0119	-17.1312	.0741	-.1451	1.5256	.0697					
1 2 6	-.0114	-18.3071	.0787	-.1548	1.6194	.0740					
1 2 7	-.0107	-19.2745	.0817	-.1607	1.6905	.0773					
1 2 8	-.0101	-20.0599	.0832	-.1637	1.7447	.0799					
1 2 9	-.0095	-20.6846	.0835	-.1648	1.7831	.0818					
1 2 10	-.0089	-21.1658	.0827	-.1645	1.8077	.0831					
1 2 11	-.0083	-21.5186	.0812	-.1632	1.8201	.0838					
1 2 12	-.0078	-21.7556	.0790	-.1611	1.8219	.0840					
1 2 13	-.0072	-21.8884	.0763	-.1584	1.8143	.0838					
2 1 0	.0592	35.3534	-.2494	.4660	-3.5273	-.1372					
2 1 1	.0612	53.4004	-.3538	.6237	-5.2455	-.2085					
2 1 2	.0603	67.5018	-.4186	.7170	-6.5270	-.2648					
2 1 3	.0585	78.9901	-.4587	.7769	-7.5197	-.3109					
2 1 4	.0564	88.4780	-.4819	.8164	-8.2955	-.3490					
2 1 5	.0540	96.3859	-.4931	.8422	-8.8937	-.3805					
2 1 6	.0516	102.820	-.4957	.8582	-9.3607	-.4063					
2 1 7	.0491	108.122	-.4919	.8669	-9.7046	-.4270					
2 1 8	.0467	112.392	-.4832	.8701	-9.9486	-.4431					
2 1 9	.0443	115.753	-.4710	.8687	-10.1075	-.4553					
2 1 10	.0419	118.308	-.4561	.8637	-10.1931	-.4638					
2 1 11	.0396	120.144	-.4393	.8556	-10.2156	-.4690					
2 1 12	.0374	121.337	-.4210	.8451	-10.1834	-.4713					
2 2 0	.0340	30.3651	-.1876	.3381	-2.9224	-.1194					
2 2 1	.0410	45.9394	-.2685	.4739	-4.3614	-.1796					
2 2 2	.0436	58.1414	-.3215	.5627	-5.4458	-.2276					
2 2 3	.0444	68.1099	-.3566	.6245	-6.2952	-.2668					
2 2 4	.0442	76.3686	-.3791	.6682	-6.9670	-.2991					
2 2 5	.0434	83.2334	-.3922	.6992	-7.4966	-.3256					
2 2 6	.0422	88.9220	-.3992	.7206	-7.9039	-.3473					
2 2 7	.0408	93.5968	-.3989	.7347	-8.2224	-.3646					
2 2 8	.0393	97.3855	-.3953	.7430	-8.4517	-.3781					
2 2 9	.0377	100.392	-.3884	.7465	-8.6037	-.3883					
2 2 10	.0360	102.703	-.3790	.7462	-8.7030	-.3954					
2 2 11	.0343	104.392	-.3677	.7427	-8.7429	-.3997					
2 3 0	.0121	18.4706	-.0764	.1372	-1.2664	-.0525					
2 3 1	.0156	20.3967	-.1100	.1962	-1.8941	-.0795					
2 3 2	.0172	25.8334	-.1327	.2367	-2.3697	-.1006					
2 3 3	.0180	30.2835	-.1482	.2658	-2.7451	-.1179					
2 3 4	.0183	33.9781	-.1586	.2872	-3.0437	-.1321					
2 3 5	.0182	37.0565	-.1651	.3029	-3.2815	-.1437					
2 3 6	.0179	39.6144	-.1686	.3143	-3.4681	-.1532					
2 3 7	.0175	41.7234	-.1698	.3222	-3.6118	-.1608					
2 3 8	.0170	43.4393	-.1692	.3274	-3.7188	-.1667					
2 3 9	.0164	44.8079	-.1670	.3303	-3.7939	-.1711					
2 3 10	.0158	45.8674	-.1638	.3313	-3.8415	-.1742					

a=.267	l=4								
2 4 0	.0031	4.0463	-.0215	.0388	-.3736	-.0157			
2 4 1	.0042	6.1304	-.0311	.0562	-.5597	-.0237			
2 4 2	.0047	7.7687	-.0377	.0684	-.7014	-.0301			
2 4 3	.0050	9.1117	-.0423	.0775	-.8136	-.0352			
2 4 4	.0052	10.2286	-.0455	.0843	-.9034	-.0394			
2 4 5	.0052	11.1608	-.0475	.0894	-.9758	-.0429			
2 4 6	.0052	11.9371	-.0487	.0931	-1.0321	-.0457			
2 4 7	.0051	12.5787	-.0493	.0959	-1.0763	-.0480			
2 4 8	.0050	13.1024	-.0493	.0977	-1.1095	-.0497			
2 4 9	.0048	13.5216	-.0488	.0989	-1.1333	-.0511			
2 5 0	.0006	.9207	-.0046	.0085	-.0838	-.0035			
2 5 1	.0009	1.3955	-.0067	.0123	-.1256	-.0054			
2 5 2	.0010	1.7693	-.0082	.0151	-.1576	-.0068			
2 5 3	.0011	2.0760	-.0092	.0172	-.1831	-.0080			
2 5 4	.0011	2.3315	-.0100	.0188	-.2035	-.0089			
2 5 5	.0011	2.5450	-.0104	.0200	-.2199	-.0097			
2 5 6	.0011	2.7231	-.0107	.0210	-.2330	-.0103			
2 5 7	.0011	2.8707	-.0109	.0216	-.2432	-.0108			
2 5 8	.0011	2.9914	-.0109	.0221	-.2510	-.0112			
2 6 0	.0001	.1688	-.0008	.0015	-.0152	-.0006			
2 6 1	.0001	.2560	-.0012	.0022	-.0228	-.0010			
2 6 2	.0002	.3246	-.0014	.0027	-.0286	-.0012			
2 6 3	.0002	.3811	-.0016	.0031	-.0333	-.0014			
2 6 4	.0002	.4281	-.0017	.0034	-.0370	-.0016			
2 6 5	.0002	.4675	-.0018	.0037	-.0400	-.0018			
2 6 6	.0002	.5004	-.0019	.0038	-.0425	-.0019			
2 6 7	.0002	.5276	-.0019	.0040	-.0444	-.0020			
3 0	.0517	116.976	-.4250	.9081	-9.5866	-.4051			
3 1	.0236	52.0530	-.1708	.3869	-4.1856	-.1809			
3 2	.0169	29.8810	-.0879	.2236	-2.3267	-.1014			
4 1	.3534	928.250	-3.0237	6.8795	-73.8129	-3.1167			
4 2	.2219	709.302	-2.0597	4.9967	-54.7812	-2.3075			
4 3	.0406	143.048	-.3873	.9839	-10.8469	-.4539			
4 4	.0035	13.1657	-.0338	.0892	-.9846	-.0408			
4 5	.0002	.6934	-.0016	.0047	-.0513	-.0021			
4 6	.0000	.0237	-.0001	.0002	-.0018	-.0001			

a=.267	l=2									
0 0 0	.0380	-.1417	-.1091	-.2295	.0079	.0098				
0 0 1	.0101	-.1506	-.1047	-.2143	.0097	.0146				
0 0 2	.0051	-.1471	-.0935	-.1846	.0100	.0181				
0 0 3	.0031	-.1408	-.0829	-.1585	.0097	.0209				
0 0 4	.0021	-.1338	-.0737	-.1375	.0092	.0231				
0 0 5	.0016	-.1268	-.0659	-.1208	.0086	.0248				
0 0 6	.0012	-.1201	-.0592	-.1073	.0079	.0262				
0 0 7	.0010	-.1138	-.0534	-.0963	.0074	.0273				
0 0 8	.0008	-.1078	-.0484	-.0872	.0068	.0282				
0 0 9	.0006	-.1021	-.0441	-.0796	.0063	.0289				
0 0 10	.0006	-.0969	-.0402	-.0730	.0058	.0294				
0 0 11	.0005	-.0919	-.0368	-.0674	.0054	.0298				
0 0 12	.0004	-.0873	-.0338	-.0624	.0050	.0300				
0 0 13	.0003	-.0829	-.0311	-.0581	.0047	.0301				
0 1 1	.0353	-.2165	-.1471	-.2965	.0136	.0233				
0 1 2	.0122	-.2327	-.1479	-.2929	.0152	.0300				
0 1 3	.0068	-.2326	-.1381	-.2673	.0156	.0353				
0 1 4	.0045	-.2267	-.1268	-.2393	.0152	.0395				
0 1 5	.0032	-.2185	-.1150	-.2141	.0146	.0430				
0 1 6	.0024	-.2095	-.1047	-.1925	.0138	.0457				
0 1 7	.0019	-.2003	-.0955	-.1742	.0129	.0480				
0 1 8	.0015	-.1911	-.0872	-.1586	.0121	.0498				
0 1 9	.0013	-.1822	-.0797	-.1453	.0113	.0512				
0 1 10	.0011	-.1736	-.0731	-.1337	.0105	.0523				
0 1 11	.0009	-.1654	-.0673	-.1235	.0098	.0530				
0 1 12	.0008	-.1576	-.0620	-.1146	.0092	.0536				
0 1 13	.0007	-.1502	-.0573	-.1071	.0085	.0539				
0 2 2	.0332	-.2845	-.1771	-.3430	.0133	.0397				
0 2 3	.0131	-.3025	-.1791	-.3432	.0197	.0477				
0 2 4	.0079	-.3046	-.1708	-.3270	.0200	.0542				
0 2 5	.0054	-.2996	-.1594	-.3005	.0197	.0595				
0 2 6	.0040	-.2913	-.1474	-.2746	.0190	.0639				
0 2 7	.0031	-.2813	-.1353	-.2510	.0181	.0674				
0 2 8	.0025	-.2706	-.1251	-.2302	.0171	.0703				
0 2 9	.0020	-.2597	-.1154	-.2118	.0161	.0725				
0 2 10	.0017	-.2488	-.1065	-.1956	.0151	.0743				
0 2 11	.0014	-.2381	-.0983	-.1814	.0142	.0757				
0 2 12	.0012	-.2277	-.0908	-.1691	.0133	.0767				
0 2 13	.0011	-.2176	-.0840	-.1573	.0124	.0773				
0 3 3	.0316	-.3462	-.2014	-.3896	.0222	.0532				
0 3 4	.0135	-.3640	-.2036	-.3914	.0234	.0670				
0 3 5	.0085	-.3673	-.1962	-.3737	.0237	.0743				
0 3 6	.0060	-.3631	-.1854	-.3493	.0234	.0804				
0 3 7	.0046	-.3549	-.1735	-.3210	.0226	.0854				
0 3 8	.0036	-.3445	-.1614	-.2999	.0217	.0894				

a=.267		l=2								
1	2	4		.0155	.9922	.3821	.7915	-.0585	-.4144	
1	2	5		.0159	1.1537	.4414	.9188	-.0620	-.4878	
1	2	6		.0159	1.2992	.4915	1.0277	-.0694	-.5580	
1	2	7		.0159	1.4300	.5340	1.1213	-.0760	-.6246	
1	2	8		.0158	1.5474	.5700	1.2022	-.0818	-.6876	
1	2	9		.0156	1.6525	.6004	1.2724	-.0868	-.7469	
1	2	10		.0155	1.7464	.6261	1.3333	-.0911	-.8024	
1	2	11		.0153	1.8298	.6475	1.3861	-.0948	-.8542	
1	2	12		.0152	1.9037	.6652	1.4316	-.0980	-.9024	
1	2	13		.0150	1.9686	.6796	1.4708	-.1007	-.9470	
2	1	0		.0805	-3.0669	-1.3040	-2.6906	.1699	1.1534	
2	1	1		.0986	-5.2767	-2.1627	-4.4709	.2906	2.0691	
2	1	2		.1115	-7.3426	-2.9228	-6.0616	.4011	2.9787	
2	1	3		.1217	-9.2762	-3.6035	-7.5037	.5023	3.8731	
2	1	4		.1299	-11.0786	-4.2139	-8.8158	.5948	4.7437	
2	1	5		.1366	-12.7518	-4.7608	-10.0102	.6788	5.5842	
2	1	6		.1420	-14.2991	-5.2493	-11.0969	.7550	6.3906	
2	1	7		.1463	-15.7250	-5.6858	-12.0838	.8239	7.1600	
2	1	8		.1497	-17.0341	-6.0731	-12.9783	.8858	7.8907	
2	1	9		.1524	-18.2316	-6.4155	-13.7866	.9412	8.5816	
2	1	10		.1543	-19.3225	-6.7166	-14.5146	.9906	9.2324	
2	1	11		.1557	-20.3118	-6.9796	-15.1673	1.0344	9.8428	
2	1	12		.1565	-21.2046	-7.2072	-15.7496	1.0729	10.4133	
2	2	0		.0482	-2.6095	-1.0524	-2.1859	.1426	1.0513	
2	2	1		.0694	-4.5775	-1.7949	-3.7408	.2475	1.8907	
2	2	2		.0850	-6.4251	-2.4727	-5.1743	.3457	2.7276	
2	2	3		.0972	-8.1874	-3.0921	-6.4991	.4372	3.5531	
2	2	4		.1070	-9.8504	-3.6560	-7.7206	.5217	4.3589	
2	2	5		.1150	-11.4039	-4.1674	-8.8437	.5995	5.1387	
2	2	6		.1216	-12.8466	-4.6294	-9.8736	.6706	5.8886	
2	2	7		.1269	-14.1820	-5.0452	-10.8155	.7354	6.6056	
2	2	8		.1313	-15.4169	-5.4177	-11.6743	.7942	7.2879	
2	2	9		.1347	-16.5521	-5.7500	-12.4548	.8472	7.9344	
2	2	10		.1375	-17.5913	-6.0447	-13.1616	.8948	8.5444	
2	2	11		.1395	-18.5385	-6.3045	-13.7990	.9373	9.1178	
2	3	0		.0177	-1.1588	-.4521	-.9452	.0625	.4855	
2	3	1		.0272	-2.0431	-.7807	-1.6888	.1093	.8744	
2	3	2		.0347	-2.8890	-1.0859	-2.2892	.1536	1.2631	
2	3	3		.0407	-3.6983	-1.3685	-2.8978	.1953	1.6473	
2	3	4		.0457	-4.4655	-1.6284	-3.4642	.2342	2.0230	
2	3	5		.0498	-5.1867	-1.8662	-3.9890	.2702	2.3973	
2	3	6		.0533	-5.8607	-2.0827	-4.4733	.3034	2.7381	
2	3	7		.0561	-6.4878	-2.2789	-4.9188	.3338	3.0741	
2	3	8		.0585	-7.0693	-2.4559	-5.3271	.3615	3.3943	
2	3	9		.0604	-7.6061	-2.6149	-5.7000	.3866	3.6981	
2	3	10		.0620	-8.0993	-2.7568	-6.0393	.4094	3.9852	

a=.267		l=2								
2	4	0		.0047	-.3491	-.1330	-.2798	.0186	.1506	
2	4	1		.0075	-.6178	-.2814	-.4889	.0328	.2715	
2	4	2		.0098	-.8774	-.3239	-.6872	.0462	.3925	
2	4	3		.0117	-1.1268	-.4103	-.8744	.0590	.5123	
2	4	4		.0133	-1.3641	-.4904	-1.0499	.0710	.6297	
2	4	5		.0146	-1.5882	-.5641	-1.2134	.0821	.7436	
2	4	6		.0158	-1.7986	-.6317	-1.3652	.0924	.8535	
2	4	7		.0167	-1.9951	-.6933	-1.5054	.1019	.9588	
2	4	8		.0176	-2.1779	-.7492	-1.6345	.1107	1.0594	
2	4	9		.0182	-2.3471	-.7997	-1.7529	.1186	1.1549	
2	5	0		.0010	-.0797	-.0298	-.0631	.0042	.0352	
2	5	1		.0016	-.1415	-.0521	-.1108	.0074	.0635	
2	5	2		.0021	-.2016	-.0733	-.1565	.0105	.0919	
2	5	3		.0026	-.2595	-.0932	-.1998	.0135	.1200	
2	5	4		.0029	-.3148	-.1118	-.2407	.0163	.1476	
2	5	5		.0033	-.3673	-.1290	-.2790	.0189	.1744	
2	5	6		.0035	-.4166	-.1448	-.3147	.0213	.2003	
2	5	7		.0038	-.4629	-.1594	-.3478	.0235	.2252	
2	5	8		.0040	-.5060	-.1726	-.3784	.0256	.2489	
2	6	0		.0002	-.0147	-.0054	-.0115	.0008	.0066	
2	6	1		.0003	-.0261	-.0095	-.0203	.0014	.0119	
2	6	2		.0004	-.0373	-.0134	-.0287	.0019	.0173	
2	6	3		.0005	-.0481	-.0171	-.0368	.0025	.0226	
2	6	4		.0005	-.0584	-.0205	-.0445	.0030	.0278	
2	6	5		.0006	-.0683	-.0238	-.0517	.0035	.0329	
2	6	6		.0006	-.0776	-.0267	-.0584	.0039	.0378	
2	6	7		.0007	-.0863	-.0295	-.0647	.0044	.0425	
2	7	0		.0000	-.0023	-.0008	-.0018	.0001	.0010	
2	7	1		.0000	-.0041	-.0014	-.0032	.0002	.0019	
2	7	2		.0001	-.0059	-.0021	-.0045	.0003	.0027	
2	7	3		.0001	-.0077	-.0026	-.0058	.0004	.0036	
2	7	4		.0001	-.0093	-.0032	-.0070	.0005	.0044	
2	7	5		.0001	-.0109	-.0037	-.0082	.0005	.0052	
2	7	6		.0001	-.0124	-.0041	-.0093	.0006	.0059	
3	0			.2944	-50.3221	-14.9968	-36.3175	2.3151	29.0732	
3	1			.1017	-16.5703	-4.9832	-11.9808	.7671	9.4811	
3	2			.0550	-8.3346	-2.5157	-6.0317	.3866	4.7517	
4	1			6.2685	-1145.71	-335.487	-822.046	52.1348	672.957	
4	2			5.1986	-997.906	-288.372	-713.135	45.0302	593.366	
4	3			1.1155	-220.386	-63.0945	-157.117	9.8833	132.192	
4	4			.1081	-21.8178	-6.1996	-15.5273	.9735	13.1786	
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1 0 11	- .0032	1.8905	.3182	.7915	
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1 1 13	- .0023	.9264	.1679	.4113	
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1 2 11	- .0036	.5886	.1351	.3079	
1 2 12	- .0032	.5676	.1295	.2985	
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0 5 7	.0126	10.9181	-.0971	.1446	-1.2460	-.0478
0 5 8	.0096	11.3276	-.0944	.1351	-1.2660	-.0503
0 5 9	.0076	11.6499	-.0904	.1253	-1.2749	-.0524
0 5 10	.0062	11.8952	-.0855	.1160	-1.2742	-.0541
0 5 11	.0051	12.0720	-.0802	.1075	-1.2656	-.0555
0 5 12	.0043	12.1874	-.0745	.0993	-1.2504	-.0565
0 5 13	.0036	12.2474	-.0687	.0930	-1.2297	-.0571
0 6 6	.0340	11.1036	-.0986	.1558	-1.2682	-.0485
0 6 7	.0176	11.6649	-.0930	.1532	-1.3073	-.0515
0 6 8	.0125	12.1127	-.0964	.1465	-1.3322	-.0541
0 6 9	.0096	12.4652	-.0936	.1381	-1.3453	-.0563
0 6 10	.0076	12.7352	-.0897	.1292	-1.3483	-.0580
0 6 11	.0062	12.9324	-.0850	.1204	-1.3427	-.0593
0 6 12	.0052	13.0643	-.0798	.1123	-1.3298	-.0603
0 6 13	.0043	13.1376	-.0743	.1048	-1.3109	-.0609
0 7 7	.0325	12.2737	-.0976	.1560	-1.3514	-.0547
0 7 8	.0172	12.7603	-.0966	.1536	-1.3810	-.0573
0 7 9	.0123	13.1427	-.0948	.1478	-1.3982	-.0595
0 7 10	.0095	13.4363	-.0919	.1402	-1.4049	-.0612
0 7 11	.0076	13.6524	-.0881	.1320	-1.4026	-.0625
0 7 12	.0062	13.8000	-.0836	.1233	-1.3925	-.0634
0 7 13	.0051	13.8861	-.0786	.1159	-1.3758	-.0640
0 8 8	.0312	13.2841	-.0959	.1559	-1.4149	-.0599
0 8 9	.0167	13.6972	-.0945	.1533	-1.4362	-.0621
0 8 10	.0120	14.0147	-.0924	.1486	-1.4466	-.0638
0 8 11	.0093	14.2496	-.0896	.1416	-1.4476	-.0651
0 8 12	.0074	14.4123	-.0859	.1339	-1.4405	-.0660
0 8 13	.0061	14.5108	-.0816	.1262	-1.4264	-.0666
0 9 9	.0300	14.1400	-.0934	.1556	-1.4614	-.0642

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0 9 10	.0162	14.4824	-.0919	.1536	-1.4754	-.0659
0 9 11	.0117	14.7368	-.0897	.1488	-1.4798	-.0671
0 9 12	.0091	14.9150	-.0869	.1424	-1.4757	-.0680
0 9 13	.0074	15.0259	-.0834	.1352	-1.4644	-.0685
0 10 10	.0289	14.8489	-.0906	.1550	-1.4929	-.0675
0 10 11	.0158	15.1241	-.0889	.1531	-1.5006	-.0687
0 10 12	.0116	15.3186	-.0868	.1487	-1.4997	-.0696
0 10 13	.0092	15.4426	-.0840	.1427	-1.4913	-.0700
0 11 11	.0281	15.4195	-.0876	.1542	-1.5115	-.0699
0 11 12	.0156	15.6317	-.0858	.1523	-1.5137	-.0707
0 11 13	.0117	15.7699	-.0836	.1481	-1.5032	-.0711
0 12 12	.0276	15.8613	-.0843	.1530	-1.5189	-.0714
0 12 13	.0156	16.0150	-.0825	.1511	-1.5164	-.0718
0 13 13	.0269	16.1841	-.0810	.1516	-1.5167	-.0722
1 0 0	-.0195	-12.5727	.1002	-.1800	1.2989	.0486
1 0 1	-.0315	-19.1263	.1417	-.2518	1.9443	.0744
1 0 2	-.0295	-24.3229	.1697	-.2925	2.4858	.0953
1 0 3	-.0276	-28.6346	.1883	-.3169	2.8258	.1128
1 0 4	-.0260	-32.2735	.2001	-.3321	3.1391	.1278
1 0 5	-.0245	-35.3646	.2068	-.3415	3.3912	.1405
1 0 6	-.0231	-37.9924	.2097	-.3472	3.5927	.1514
1 0 7	-.0219	-40.2194	.2099	-.3502	3.7517	.1605
1 0 8	-.0208	-42.0945	.2079	-.3512	3.8743	.1682
1 0 9	-.0197	-43.6573	.2044	-.3508	3.9658	.1745
1 0 10	-.0186	-44.9408	.1996	-.3492	4.0301	.1795
1 0 11	-.0177	-45.9733	.1940	-.3467	4.0708	.1835
1 0 12	-.0167	-46.7789	.1877	-.3434	4.0908	.1863
1 0 13	-.0158	-47.3792	.1809	-.3395	4.0928	.1882
1 1 0	.0039	-8.3192	.0575	-.0690	.8388	.0332
1 1 1	-.0040	-12.6903	.0821	-.1225	1.2596	.0507
1 1 2	-.0193	-16.1745	.0990	-.1649	1.5832	.0648
1 1 3	-.0194	-19.0590	.1123	-.1935	1.8429	.0765
1 1 4	-.0185	-21.4900	.1222	-.2121	2.0539	.0864
1 1 5	-.0175	-23.5554	.1291	-.2240	2.2256	.0947
1 1 6	-.0165	-25.3135	.1333	-.2314	2.3644	.1018
1 1 7	-.0156	-26.8065	.1353	-.2357	2.4752	.1078
1 1 8	-.0147	-28.0665	.1357	-.2378	2.5619	.1127
1 1 9	-.0139	-29.1194	.1347	-.2384	2.6277	.1168
1 1 10	-.0132	-29.9869	.1326	-.2379	2.6752	.1200
1 1 11	-.0124	-30.6873	.1297	-.2364	2.7066	.1225
1 1 12	-.0117	-31.2365	.1262	-.2342	2.7239	.1243
1 1 13	-.0111	-31.6484	.1221	-.2315	2.7288	.1255
1 2 0	.0045	-6.2720	.0299	-.0234	.5961	.0261
1 2 1	.0072	-9.5571	.0473	-.0525	.9020	.0395
1 2 2	.0030	-12.1965	.0598	-.0862	1.1412	.0503
1 2 3	-.0130	-14.4043	.0692	-.1171	1.3362	.0591

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1 2 4	-	.0140	-16.2689	.0774	-	.1406	1.4974	.0665
1 2 5	-	.0138	-17.8542	.0842	-	.1573	1.6308	.0727
1 2 6	-	.0132	-19.2059	.0896	-	.1685	1.7409	.0779
1 2 7	-	.0126	-20.3572	.0933	-	.1759	1.8306	.0822
1 2 8	-	.0120	-21.3330	.0957	-	.1805	1.9026	.0858
1 2 9	-	.0113	-22.1529	.0968	-	.1831	1.9590	.0887
1 2 10	-	.0107	-22.8330	.0968	-	.1841	2.0015	.0910
1 2 11	-	.0101	-23.3867	.0960	-	.1840	2.0317	.0927
1 2 12	-	.0096	-23.8257	.0945	-	.1831	2.0510	.0940
1 2 13	-	.0091	-24.1603	.0925	-	.1815	2.0605	.0948
2 1 0		.0657	35.5690	-	.2542	.4843	- 3.5601	- .1378
2 1 1		.0688	54.0881	-	.3672	.6577	- 5.3433	- .2107
2 1 2		.0685	68.8398	-	.4419	.7649	- 6.7098	- .2693
2 1 3		.0672	81.1178	-	.4919	.8369	- 7.8013	- .3185
2 1 4		.0658	91.5058	-	.5247	.8871	- 8.6848	- .3602
2 1 5		.0633	100.351	-	.5449	.9224	- 9.4017	- .3958
2 1 6		.0610	107.891	-	.5556	.9470	- 9.9806	- .4261
2 1 7		.0587	114.300	-	.5591	.9636	-10.4430	- .4516
2 1 8		.0564	119.716	-	.5570	.9739	-10.8055	- .4729
2 1 9		.0541	124.250	-	.5506	.9793	-11.0815	- .4903
2 1 10		.0518	127.993	-	.5409	.9805	-11.2823	- .5043
2 1 11		.0495	131.026	-	.5285	.9784	-11.4171	- .5151
2 1 12		.0472	133.415	-	.5140	.9733	-11.4938	- .5230
2 2 0		.0383	31.1362	-	.1973	.3589	- 3.0165	- .1213
2 2 1		.0467	47.4147	-	.2865	.5083	- 4.5397	- .1851
2 2 2		.0501	60.4080	-	.3478	.6090	- 5.7162	- .2363
2 2 3		.0515	71.2437	-	.3910	.6815	- 6.6636	- .2791
2 2 4		.0517	80.4314	-	.4211	.7349	- 7.4374	- .3152
2 2 5		.0513	88.2740	-	.4413	.7746	- 8.0712	- .3460
2 2 6		.0504	94.9776	-	.4539	.8041	- 8.5885	- .3720
2 2 7		.0492	100.694	-	.4604	.8256	- 9.0068	- .3940
2 2 8		.0478	105.543	-	.4621	.8408	- 9.3397	- .4122
2 2 9		.0463	109.619	-	.4600	.8507	- 9.5985	- .4272
2 2 10		.0447	113.003	-	.4548	.8564	- 9.7921	- .4391
2 2 11		.0431	115.762	-	.4471	.8584	- 9.9283	- .4483
2 3 0		.0133	14.0068	-	.0820	.1476	- 1.3279	- .0545
2 3 1		.0179	21.3448	-	.1196	.2130	- 2.0018	- .0832
2 3 2		.0200	27.2105	-	.1460	.2590	- 2.5248	- .1061
2 3 3		.0211	32.1093	-	.1650	.2931	- 2.9481	- .1252
2 3 4		.0216	36.2694	-	.1787	.3190	- 3.2956	- .1414
2 3 5		.0217	39.3263	-	.1883	.3388	- 3.5819	- .1551
2 3 6		.0216	42.8723	-	.1946	.3539	- 3.8171	- .1667
2 3 7		.0213	45.4754	-	.1983	.3654	- 4.0087	- .1764
2 3 8		.0203	47.6884	-	.2000	.3738	- 4.1626	- .1845
2 3 9		.0203	49.5542	-	.1999	.3797	- 4.2836	- .1911
2 3 10		.0197	51.1084	-	.1984	.3836	- 4.3756	- .1964

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2 4 0		.0036	4.2567	-	.0234	.0422	- .3968	- .0165
2 4 1		.0048	6.4900	-	.0343	.0616	- .5990	- .0252
2 4 2		.0055	8.2772	-	.0420	.0756	- .7564	- .0321
2 4 3		.0059	9.7714	-	.0477	.0862	- .8843	- .0379
2 4 4		.0062	11.0419	-	.0518	.0944	- .9897	- .0427
2 4 5		.0063	12.1297	-	.0548	.1008	- 1.0769	- .0469
2 4 6		.0063	13.0625	-	.0569	.1058	- 1.1488	- .0503
2 4 7		.0062	13.8610	-	.0581	.1096	- 1.2078	- .0533
2 4 8		.0061	14.5411	-	.0588	.1125	- 1.2554	- .0557
2 4 9		.0060	15.1158	-	.0590	.1146	- 1.2932	- .0577
2 5 0		.0007	.9786	-	.0051	.0098	- .0900	- .0038
2 5 1		.0010	1.4925	-	.0075	.0136	- .1359	- .0058
2 5 2		.0012	1.9042	-	.0092	.0168	- .1718	- .0074
2 5 3		.0013	2.2488	-	.0105	.0193	- .2011	- .0087
2 5 4		.0013	2.5420	-	.0115	.0212	- .2252	- .0098
2 5 5		.0014	2.7933	-	.0122	.0228	- .2453	- .0107
2 5 6		.0014	3.0091	-	.0126	.0240	- .2619	- .0115
2 5 7		.0014	3.1941	-	.0130	.0249	- .2756	- .0121
2 5 8		.0014	3.3519	-	.0132	.0256	- .2867	- .0127
2 6 0		.0001	.1811	-	.0009	.0017	- .0165	- .0007
2 6 1		.0002	.2763	-	.0013	.0025	- .0249	- .0011
2 6 2		.0002	.3526	-	.0016	.0031	- .0315	- .0013
2 6 3		.0002	.4165	-	.0018	.0035	- .0369	- .0016
2 6 4		.0002	.4710	-	.0020	.0039	- .0414	- .0018
2 6 5		.0002	.5177	-	.0021	.0042	- .0451	- .0020
2 6 6		.0002	.5578	-	.0022	.0044	- .0482	- .0021
2 6 7		.0002	.5923	-	.0023	.0046	- .0507	- .0022
3 0		.0643	143.593	-	.5203	1.1178	-11.7475	- .4955
3 1		.0293	64.1143	-	.2155	.4798	- 5.1817	- .2227
3 2		.0206	37.6401	-	.1145	.2800	- 2.9648	- .1291
4 1		.4535	1180.73	-	3.8511	8.7654	-93.9014	- 3.9631
4 2		.2981	934.254	-	2.7467	6.6140	-72.3812	- 3.0506
4 3		.0562	193.347	-	.5329	1.3375	-14.7292	- .6176
4 4		.0050	13.1860	-	.0478	.1240	- 1.3677	- .0570
4 5		.0003	.9763	-	.0023	.0066	- .0727	- .0030
4 6		.0000	.0339	-	.0001	.0003	- .0025	- .0001

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0 0 0	.0412	-.1203	-.0955	-.2023	.0064	.0073	
0 0 1	.0110	-.1292	-.0934	-.1940	.0080	.0109	
0 0 2	.0055	-.1269	-.0845	-.1700	.0085	.0137	
0 0 3	.0034	-.1222	-.0756	-.1475	.0084	.0159	
0 0 4	.0023	-.1169	-.0679	-.1289	.0081	.0177	
0 0 5	.0017	-.1115	-.0612	-.1133	.0077	.0192	
0 0 6	.0013	-.1063	-.0555	-.1016	.0072	.0204	
0 0 7	.0010	-.1013	-.0505	-.0915	.0067	.0214	
0 0 8	.0009	-.0965	-.0462	-.0831	.0063	.0222	
0 0 9	.0007	-.0920	-.0423	-.0760	.0059	.0229	
0 0 10	.0006	-.0873	-.0389	-.0700	.0055	.0235	
0 0 11	.0005	-.0833	-.0359	-.0647	.0052	.0239	
0 0 12	.0004	-.0801	-.0332	-.0601	.0048	.0243	
0 0 13	.0004	-.0765	-.0303	-.0560	.0045	.0245	
0 1 1	.0333	-.1857	-.1311	-.2675	.0114	.0176	
0 1 2	.0132	-.2011	-.1335	-.2679	.0130	.0223	
0 1 3	.0074	-.2022	-.1259	-.2473	.0135	.0270	
0 1 4	.0049	-.1933	-.1162	-.2234	.0134	.0305	
0 1 5	.0035	-.1923	-.1066	-.2012	.0130	.0333	
0 1 6	.0027	-.1854	-.0980	-.1818	.0125	.0357	
0 1 7	.0021	-.1783	-.0901	-.1652	.0118	.0377	
0 1 8	.0017	-.1711	-.0829	-.1509	.0112	.0393	
0 1 9	.0014	-.1641	-.0764	-.1337	.0105	.0407	
0 1 10	.0012	-.1573	-.0706	-.1230	.0099	.0418	
0 1 11	.0010	-.1503	-.0654	-.1187	.0093	.0427	
0 1 12	.0009	-.1445	-.0608	-.1104	.0087	.0434	
0 1 13	.0008	-.1385	-.0565	-.1031	.0082	.0440	
0 2 2	.0361	-.2463	-.1599	-.3177	.0157	.0304	
0 2 3	.0142	-.2634	-.1632	-.3207	.0171	.0367	
0 2 4	.0085	-.2667	-.1570	-.3039	.0176	.0420	
0 2 5	.0059	-.2639	-.1477	-.2913	.0175	.0463	
0 2 6	.0043	-.2580	-.1377	-.2586	.0171	.0500	
0 2 7	.0034	-.2506	-.1279	-.2375	.0165	.0531	
0 2 8	.0027	-.2424	-.1187	-.2137	.0157	.0557	
0 2 9	.0022	-.2339	-.1104	-.2020	.0150	.0579	
0 2 10	.0019	-.2254	-.1025	-.1872	.0142	.0597	
0 2 11	.0016	-.2169	-.0953	-.1741	.0134	.0611	
0 2 12	.0014	-.2037	-.0837	-.1624	.0127	.0623	
0 2 13	.0012	-.2006	-.0826	-.1519	.0120	.0632	
0 3 3	.0343	-.3022	-.1837	-.3586	.0195	.0450	
0 3 4	.0147	-.3193	-.1871	-.3625	.0207	.0521	
0 3 5	.0093	-.3240	-.1817	-.3486	.0211	.0531	
0 3 6	.0066	-.3219	-.1729	-.3280	.0210	.0632	
0 3 7	.0050	-.3163	-.1629	-.3053	.0206	.0675	
0 3 8	.0039	-.3037	-.1523	-.2843	.0199	.0712	

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0 3 9	.0032	-.3000	-.1429	-.2641	.0191	.0742	
0 3 10	.0026	-.2907	-.1336	-.2463	.0133	.0763	
0 3 11	.0022	-.2311	-.1250	-.2299	.0174	.0739	
0 3 12	.0019	-.2715	-.1170	-.2150	.0165	.0806	
0 3 13	.0017	-.2619	-.1094	-.2024	.0156	.0320	
0 4 4	.0329	-.3534	-.2036	-.3930	.0227	.0610	
0 4 5	.0149	-.3700	-.2067	-.3971	.0237	.0636	
0 4 6	.0097	-.3753	-.2020	-.3854	.0241	.0752	
0 4 7	.0071	-.3739	-.1936	-.3665	.0240	.0803	
0 4 8	.0055	-.3686	-.1839	-.3453	.0235	.0855	
0 4 9	.0044	-.3610	-.1736	-.3241	.0223	.0895	
0 4 10	.0036	-.3519	-.1635	-.3033	.0220	.0929	
0 4 11	.0030	-.3421	-.1537	-.2849	.0211	.0953	
0 4 12	.0026	-.3317	-.1445	-.2634	.0202	.0931	
0 4 13	.0022	-.3212	-.1357	-.2526	.0192	.1000	
0 5 5	.0316	-.4005	-.2202	-.4225	.0255	.0773	
0 5 6	.0150	-.4162	-.2230	-.4263	.0264	.0858	
0 5 7	.0100	-.4217	-.2137	-.4163	.0267	.0927	
0 5 8	.0075	-.4207	-.2103	-.3991	.0266	.0937	
0 5 9	.0053	-.4156	-.2014	-.3790	.0261	.1037	
0 5 10	.0047	-.4030	-.1913	-.3532	.0254	.1030	
0 5 11	.0040	-.3933	-.1810	-.3390	.0245	.1116	
0 5 12	.0034	-.3835	-.1709	-.3200	.0236	.1147	
0 5 13	.0029	-.3776	-.1612	-.3022	.0226	.1172	
0 6 6	.0306	-.4436	-.2344	-.4480	.0279	.0952	
0 6 7	.0150	-.4534	-.2366	-.4516	.0237	.1034	
0 6 8	.0103	-.4633	-.2327	-.4427	.0239	.1105	
0 6 9	.0078	-.4627	-.2254	-.4269	.0233	.1167	
0 6 10	.0062	-.4530	-.2162	-.4090	.0233	.1219	
0 6 11	.0051	-.4505	-.2062	-.3992	.0276	.1264	
0 6 12	.0043	-.4411	-.1959	-.3694	.0267	.1302	
0 6 13	.0036	-.4306	-.1853	-.3504	.0257	.1333	
0 7 7	.0296	-.4332	-.2464	-.4703	.0300	.1129	
0 7 8	.0149	-.4969	-.2433	-.4734	.0307	.1212	
0 7 9	.0104	-.5020	-.2445	-.4667	.0308	.1234	
0 7 10	.0080	-.5012	-.2375	-.4524	.0306	.1346	
0 7 11	.0064	-.4964	-.2236	-.4347	.0302	.1400	
0 7 12	.0053	-.4833	-.2139	-.4156	.0294	.1445	
0 7 13	.0045	-.4793	-.2033	-.3963	.0236	.1433	
0 8 8	.0283	-.5194	-.2566	-.4910	.0313	.1306	
0 8 9	.0149	-.5320	-.2530	-.4941	.0324	.1339	
0 8 10	.0106	-.5367	-.2544	-.4872	.0325	.1461	
0 8 11	.0082	-.5353	-.2477	-.4740	.0323	.1524	
0 8 12	.0066	-.5310	-.2392	-.4572	.0313	.1577	
0 8 13	.0054	-.5234	-.2296	-.4333	.0311	.1623	
0 9 9	.0281	-.5524	-.2652	-.5033	.033	.1432	

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0 9 11	.0106	-.5681	-.2629	-.5053	.0340	.1636	
0 9 12	.0082	-.5671	-.2563	-.4929	.0337	.1697	
0 9 13	.0065	-.5622	-.2480	-.4770	.0332	.1750	
0 10 10	.0274	-.5823	-.2726	-.5247	.0347	.1656	
0 10 11	.0145	-.5928	-.2732	-.5271	.0352	.1736	
0 10 12	.0103	-.5966	-.2698	-.5212	.0352	.1806	
0 10 13	.0079	-.5953	-.2634	-.5096	.0350	.1866	
0 11 11	.0265	-.6096	-.2736	-.5388	.0359	.1325	
0 11 12	.0141	-.6190	-.2790	-.5409	.0363	.1903	
0 11 13	.0101	-.6223	-.2756	-.5352	.0364	.1971	
0 12 12	.0256	-.6342	-.2836	-.5513	.0370	.1989	
0 12 13	.0139	-.6427	-.2838	-.5530	.0374	.2064	
0 13 13	.0252	-.6564	-.2877	-.5623	.0380	.2146	
1 0 0	-.0168	.6931	.3070	.6290	-.0392	-.2449	
1 0 1	-.0321	1.2029	.5181	1.0627	-.0674	-.4412	
1 0 2	-.0336	1.6765	.7009	1.4406	-.0932	-.6378	
1 0 3	-.0348	2.1193	.8625	1.7774	-.1170	-.8328	
1 0 4	-.0359	2.5335	1.0070	2.0819	-.1388	-1.0243	
1 0 5	-.0368	2.9204	1.1368	2.3592	-.1587	-1.2110	
1 0 6	-.0377	3.2814	1.2537	2.6128	-.1769	-1.3920	
1 0 7	-.0384	3.6175	1.3590	2.8450	-.1935	-1.5666	
1 0 8	-.0391	3.9298	1.4538	3.0579	-.2087	-1.7343	
1 0 9	-.0396	4.2193	1.5390	3.2528	-.2224	-1.8949	
1 0 10	-.0399	4.4872	1.6154	3.4311	-.2349	-2.0481	
1 0 11	-.0402	4.7343	1.6836	3.5940	-.2462	-2.1939	
1 0 12	-.0404	4.9617	1.7443	3.7423	-.2564	-2.3323	
1 0 13	-.0405	5.1702	1.7980	3.8769	-.2655	-2.4631	
1 1 0	.0020	.3688	.1490	.2995	.0212	.1399	
1 1 1	.0050	.6673	.2749	.5583	.0377	.2526	
1 1 2	.0212	.9553	.3938	.8044	.0532	.3656	
1 1 3	.0227	1.2234	.4981	1.0222	.0676	.4777	
1 1 4	.0231	1.4713	.5890	1.2136	.0808	.5877	
1 1 5	.0234	1.7004	.6687	1.3832	.0927	.6947	
1 1 6	.0237	1.9121	.7391	1.5347	.1036	.7984	
1 1 7	.0238	2.1076	.8014	1.6709	.1134	.8982	
1 1 8	.0239	2.2881	.8566	1.7939	.1222	.9939	
1 1 9	.0240	2.4543	.9056	1.9052	.1302	1.0855	
1 1 10	.0241	2.6072	.9491	2.0060	.1373	1.1727	
1 1 11	.0241	2.7475	.9874	2.0972	.1438	1.2556	
1 1 12	.0241	2.8759	1.0211	2.1795	.1495	1.3341	
1 1 13	.0240	2.9930	1.0506	2.2537	.1546	1.4083	
1 2 0	.0022	.2324	.0829	.1639	.0131	.0977	
1 2 1	.0042	.4301	.1605	.3228	.0241	.1770	
1 2 2	.0005	.6334	.2444	.4971	.0351	.2569	
1 2 3	.0156	.8322	.3265	.6689	.0456	.3363	

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1 2 4	-.0174	1.0132	.3999	.8239	-.0555	-.4144				
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1 2 6	-.0180	1.3473	.5196	1.0797	-.0727	-.5641				
1 2 7	-.0181	1.4919	.5682	1.1852	-.0801	-.6350				
1 2 8	-.0181	1.6245	.6106	1.2786	-.0867	-.7030				
1 2 9	-.0130	1.7459	.6478	1.3619	-.0927	-.7680				
1 2 10	-.0180	1.8570	.6803	1.4362	-.0980	-.8298				
1 2 11	-.0179	1.9584	.7086	1.5026	-.1027	-.8886				
1 2 12	-.0178	2.0507	.7333	1.5619	-.1069	-.9441				
1 2 13	-.0177	2.1346	.7546	1.6148	-.1106	-.9966				
2 1 0	.0389	-3.0945	-1.3256	-2.7362	.1714	1.1552				
2 1 1	.1097	-5.3776	-2.2270	-4.6024	.2966	2.0853				
2 1 2	.1251	-7.5498	-3.0429	-6.3030	.4138	3.0201				
2 1 3	.1374	-9.6164	-3.7387	-7.9718	.5233	3.9503				
2 1 4	.1477	-11.5738	-4.4709	-9.3229	.6252	4.8667				
2 1 5	.1562	-13.4204	-5.0944	-10.6657	.7197	5.7622				
2 1 6	.1634	-15.1565	-5.6635	-11.9079	.8070	6.6323				
2 1 7	.1695	-16.7336	-6.1821	-13.0559	.8875	7.4733				
2 1 8	.1745	-18.3044	-6.6535	-14.1157	.9615	8.2830				
2 1 9	.1786	-19.7220	-7.0809	-15.0923	1.0298	9.0597				
2 1 10	.1820	-21.0396	-7.4674	-15.9907	1.0912	9.8022				
2 1 11	.1848	-22.2610	-7.8155	-16.8151	1.1476	10.5100				
2 1 12	.1869	-23.3893	-8.1277	-17.5697	1.1988	11.1826				
2 2 0	.0537	-2.6803	-1.0922	-2.2658	.1469	1.0668				
2 2 1	.0780	-4.7387	-1.8809	-3.9124	.2573	1.9297				
2 2 2	.0960	-6.7021	-2.6146	-5.4556	.3625	2.7995				
2 2 3	.1106	-8.6016	-3.2970	-6.9040	.4622	3.6671				
2 2 4	.1225	-10.4203	-3.9294	-8.2598	.5559	4.5237				
2 2 5	.1325	-12.1449	-4.5134	-9.5256	.6436	5.3625				
2 2 6	.1409	-13.7716	-5.0511	-10.7047	.7254	6.1789				
2 2 7	.1480	-15.3018	-5.5446	-11.8007	.8012	6.9693				
2 2 8	.1539	-16.7404	-5.9963	-12.8176	.8713	7.7315				
2 2 9	.1589	-18.0865	-6.4085	-13.7589	.9360	8.4636				
2 2 10	.1631	-19.3425	-6.7835	-14.6284	.9953	9.1646				
2 2 11	.1666	-20.5109	-7.1233	-15.4296	1.0497	9.8338				
2 3 0	.0199	-1.2053	-.4758	-.9925	.0653	.4979				
2 3 1	.0303	-2.1401	-.8285	-1.7339	.1151	.9016				
2 3 2	.0395	-3.0470	-1.1617	-2.4394	.1630	1.3094				
2 3 3	.0466	-3.9263	-1.4751	-3.1090	.2088	1.7168				
2 3 4	.0526	-4.7715	-1.7682	-3.7410	.2522	2.1197				
2 3 5	.0577	-5.5773	-2.0409	-4.3351	.2931	2.5147				
2 3 6	.0621	-6.3415	-2.2936	-4.8917	.3313	2.8997				
2 3 7	.0658	-7.0634	-2.5269	-5.4116	.3670	3.2729				
2 3 8	.0690	-7.7436	-2.7416	-5.8961	.4002	3.6332				
2 3 9	.0717	-8.3822	-2.9386	-6.3463	.4309	3.9797				
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2 4 0	.0053	-.3669	-.1415	-.2963	.0197	.1558	
2 4 1	.0085	-.6535	-.2432	-.5222	.0349	.2824	
2 4 2	.0112	-.9341	-.3499	-.7839	.0496	.4105	
2 4 3	.0134	-1.2071	-.4464	-.9462	.0637	.5386	
2 4 4	.0154	-1.4704	-.5372	-1.1431	.0771	.6654	
2 4 5	.0171	-1.7224	-.6222	-1.3292	.0899	.7899	
2 4 6	.0185	-1.9622	-.7014	-1.5043	.1013	.9113	
2 4 7	.0197	-2.1896	-.7749	-1.6636	.1130	1.0292	
2 4 8	.0208	-2.4043	-.8428	-1.8222	.1235	1.1431	
2 4 9	.0217	-2.6064	-.9054	-1.9654	.1332	1.2527	
2 5 0	.0011	-.0346	-.0320	-.0675	.0045	.0367	
2 5 1	.0013	-.1510	-.0564	-.1194	.0080	.0666	
2 5 2	.0024	-.2164	-.0799	-.1696	.0114	.0969	
2 5 3	.0030	-.2803	-.1023	-.2179	.0147	.1272	
2 5 4	.0034	-.3420	-.1235	-.2641	.0178	.1572	
2 5 5	.0038	-.4014	-.1434	-.3079	.0208	.1867	
2 5 6	.0042	-.4580	-.1620	-.3493	.0236	.2155	
2 5 7	.0045	-.5118	-.1794	-.3882	.0263	.2435	
2 5 8	.0047	-.5627	-.1955	-.4247	.0287	.2706	
2 6 0	.0002	-.0157	-.0059	-.0124	.0008	.0070	
2 6 1	.0003	-.0281	-.0104	-.0220	.0015	.0126	
2 6 2	.0004	-.0403	-.0147	-.0314	.0021	.0184	
2 6 3	.0005	-.0523	-.0189	-.0405	.0027	.0241	
2 6 4	.0006	-.0640	-.0228	-.0492	.0033	.0299	
2 6 5	.0007	-.0752	-.0266	-.0575	.0039	.0355	
2 6 6	.0008	-.0859	-.0301	-.0653	.0044	.0410	
2 6 7	.0008	-.0961	-.0334	-.0727	.0049	.0463	
2 7 0	.0000	-.0025	-.0009	-.0020	.0001	.0011	
2 7 1	.0000	-.0045	-.0016	-.0035	.0002	.0020	
2 7 2	.0001	-.0065	-.0023	-.0050	.0003	.0029	
2 7 3	.0001	-.0084	-.0029	-.0064	.0004	.0038	
2 7 4	.0001	-.0103	-.0035	-.0073	.0005	.0047	
2 7 5	.0001	-.0122	-.0041	-.0092	.0006	.0056	
2 7 6	.0001	-.0139	-.0047	-.0104	.0007	.0065	
3 0	.4213	-72.8603	-21.6292	-52.5213	3.3435	42.2554	
3 1	.1423	-23.5424	-7.0534	-17.0070	1.0871	13.5235	
3 2	.0753	-11.6929	-3.5201	-8.4556	.5416	6.6832	
4 1	9.2668	-1700.32	-497.261	-1219.54	77.3085	999.918	
4 2	7.8977	-1512.24	-437.296	-1080.91	68.2683	893.647	
4 3	1.7295	-339.875	-97.4751	-242.410	15.2599	203.531	
4 4	.1706	-34.1779	-9.7363	-24.3377	1.5276	20.5960	
4 5	.0095	-1.9430	-.5503	-1.3818	.0865	1.1771	
4 6	.0003	-.0710	-.0200	-.0504	.0031	.0432	
4 7	.0000	-.0018	-.0006	-.0013	.0001	.0011	

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0 0 2	.0181	-3.0707	-.8334	-1.6830
0 0 3	.0124	-2.9150	-.7371	-1.4988
0 0 4	.0090	-2.7358	-.6497	-1.3357
0 0 5	.0066	-2.5498	-.5717	-1.1920
0 0 6	.0050	-2.3646	-.5022	-1.0649
0 0 7	.0037	-2.1841	-.4401	-.9515
0 0 8	.0027	-2.0100	-.3845	-.8498
0 0 9	.0019	-1.8432	-.3345	-.7578
0 0 10	.0012	-1.6840	-.2895	-.6744
0 0 11	.0006	-1.5326	-.2488	-.5982
0 0 12	.0002	-1.3888	-.2119	-.5283
0 0 13	.0002	-1.2524	-.1784	-.4641
0 1 1	.0657	-3.4728	-.9926	-2.0131
0 1 2	.0237	-3.4522	-.9312	-1.9008
0 1 3	.0133	-3.3208	-.8449	-1.7372
0 1 4	.0128	-3.1454	-.7572	-1.5714
0 1 5	.0094	-2.9524	-.6746	-1.4160
0 1 6	.0070	-2.7539	-.5985	-1.2738
0 1 7	.0053	-2.5568	-.5290	-1.1445
0 1 8	.0039	-2.3629	-.4658	-1.0269
0 1 9	.0028	-2.1756	-.4084	-.9196
0 1 10	.0019	-1.9954	-.3561	-.8215
0 1 11	.0012	-1.8228	-.3085	-.7315
0 1 12	.0006	-1.6579	-.2651	-.6488
0 1 13	.0000	-1.5007	-.2255	-.5724
0 2 2	.0566	-3.5155	-.9276	-1.9086
0 2 3	.0265	-3.4336	-.8711	-1.8074
0 2 4	.0174	-3.2862	-.7973	-1.6690
0 2 5	.0124	-3.1086	-.7207	-1.5238
0 2 6	.0092	-2.9179	-.6467	-1.3833
0 2 7	.0069	-2.7229	-.5771	-1.2513
0 2 8	.0052	-2.5288	-.5125	-1.1288
0 2 9	.0038	-2.3383	-.4529	-1.0157
0 2 10	.0027	-2.1532	-.3980	-.9113
0 2 11	.0018	-1.9745	-.3476	-.8149
0 2 12	.0011	-1.8027	-.3013	-.7258
0 2 13	.0005	-1.6381	-.2537	-.6432
0 3 3	.0504	-3.4073	-.8508	-1.7795
0 3 4	.0245	-3.2994	-.8001	-1.6879
0 3 5	.0163	-3.1433	-.7367	-1.5683
0 3 6	.0113	-2.9755	-.6699	-1.4406
0 3 7	.0088	-2.7927	-.6042	-1.3144
0 3 8	.0066	-2.6066	-.5416	-1.1937

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0 3 12	.0017	- 1.8894	- .3290	- .7825	
0 3 13	.0010	- 1.7236	- .2852	- .6967	
0 4 4	.0458	- 3.2335	- .7752	- 1.6475	
0 4 5	.0228	- 3.1155	- .7300	- 1.5645	
0 4 6	.0154	- 2.9671	- .6750	- 1.4594	
0 4 7	.0112	- 2.8023	- .6166	- 1.3463	
0 4 8	.0088	- 2.6297	- .5584	- 1.2329	
0 4 9	.0068	- 2.4544	- .5021	- 1.1229	
0 4 10	.0047	- 2.2797	- .4486	- 1.0182	
0 4 11	.0035	- 2.1077	- .3982	- .9193	
0 4 12	.0024	- 1.9397	- .3510	- .8263	
0 4 13	.0015	- 1.7767	- .3070	- .7392	
0 5 5	.0422	- 3.0316	- .7046	- 1.5200	
0 5 6	.0213	- 2.9116	- .6645	- 1.4446	
0 5 7	.0145	- 2.7691	- .6164	- 1.3513	
0 5 8	.0106	- 2.6138	- .5649	- 1.2505	
0 5 9	.0079	- 2.4522	- .5132	- 1.1483	
0 5 10	.0060	- 2.2884	- .4627	- 1.0482	
0 5 11	.0044	- 2.1250	- .4143	- .9518	
0 5 12	.0032	- 1.9639	- .3683	- .8601	
0 5 13	.0022	- 1.8063	- .3249	- .7734	
0 6 6	.0392	- 2.8204	- .6401	- 1.3998	
0 6 7	.0200	- 2.7028	- .6044	- 1.3312	
0 6 8	.0137	- 2.5678	- .5621	- 1.2478	
0 6 9	.0100	- 2.4227	- .5167	- 1.1574	
0 6 10	.0075	- 2.2722	- .4706	- 1.0650	
0 6 11	.0056	- 2.1198	- .4252	- .9737	
0 6 12	.0042	- 1.9678	- .3813	- .8852	
0 6 13	.0030	- 1.8177	- .3393	- .8004	
0 7 7	.0368	- 2.6101	- .5818	- 1.2878	
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0 7 9	.0129	- 2.3706	- .5126	- 1.1504	
0 7 10	.0095	- 2.2355	- .4723	- 1.0690	
0 7 11	.0071	- 2.0960	- .4311	- .9852	
0 7 12	.0053	- 1.9543	- .3902	- .9013	
0 7 13	.0039	- 1.8138	- .3504	- .8205	
0 8 8	.0347	- 2.4064	- .5293	- 1.1841	
0 8 9	.0178	- 2.2995	- .5010	- 1.1273	
0 8 10	.0123	- 2.1815	- .4678	- 1.0598	
0 8 11	.0090	- 2.0564	- .4319	- .9861	
0 8 12	.0067	- 1.9273	- .3949	- .9100	
0 8 13	.0050	- 1.7968	- .3580	- .8337	
0 9 9	.0329	- 2.2124	- .4822	- 1.0837	

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0 9 13	.0064	- 1.7681	- .3621	- .8398	
0 10 10	.0314	- 2.0298	- .4400	- 1.0012	
0 10 11	.0162	- 1.9366	- .4176	- .9540	
0 10 12	.0112	- 1.8354	- .3912	- .8986	
0 10 13	.0082	- 1.7289	- .3624	- .8379	
0 11 11	.0300	- 1.8594	- .4023	- .9209	
0 11 12	.0155	- 1.7731	- .3822	- .8780	
0 11 13	.0107	- 1.6800	- .3587	- .8277	
0 12 12	.0288	- 1.7015	- .3686	- .8477	
0 12 13	.0149	- 1.6220	- .3507	- .8086	
0 13 13	.0276	- 1.5559	- .3385	- .7808	
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1 0 3	.0217	3.7936	.8782	1.8819	
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1 0 7	.0111	3.2316	.6635	1.4826	
1 0 8	.0095	3.0545	.6070	1.3790	
1 0 9	.0080	2.8746	.5572	1.2783	
1 0 10	.0068	2.6944	.5073	1.1810	
1 0 11	.0057	2.5157	.4597	1.0874	
1 0 12	.0048	2.3397	.4117	.9977	
1 0 13	.0039	2.1675	.3687	.9119	
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1 1 2	.0156	1.8293	.3749	.8477	
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1 1 5	.0114	1.8878	.4014	.9118	
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1 1 8	.0077	1.7236	.3558	.8152	
1 1 9	.0067	1.6496	.3352	.7726	
1 1 10	.0059	1.5708	.3137	.7283	
1 1 11	.0051	1.4888	.2919	.6831	
1 1 12	.0044	1.4051	.2701	.6380	
1 1 13	.0038	1.3205	.2486	.5932	
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1 2 9	-.0059	.9816	.1904	.4470
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1 2 11	-.0048	.8445	.1826	.4245
1 2 12	-.0043	.8185	.1761	.4036
1 2 13	-.0039	.7890	.1686	.3907
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2 1 1	.0614	-8.0473	-1.9329	-4.1910
2 1 2	.0511	-8.2423	-1.9543	-4.1637
2 1 3	.0432	-8.1696	-1.8720	-4.0224
2 1 4	.0369	-7.9596	-1.7667	-3.8330
2 1 5	.0317	-7.6720	-1.6524	-3.6227
2 1 6	.0274	-7.3387	-1.5357	-3.4048
2 1 7	.0236	-6.9739	-1.4201	-3.1862
2 1 8	.0204	-6.6045	-1.3074	-2.9703
2 1 9	.0175	-6.2236	-1.1985	-2.7607
2 1 10	.0150	-5.8415	-1.0941	-2.5571
2 1 11	.0128	-5.4622	-.9944	-2.3607
2 1 12	.0107	-5.0881	-.8995	-2.1713
2 2 0	.0413	-5.0349	-1.2263	-2.6103
2 2 1	.0385	-5.6938	-1.3438	-2.8800
2 2 2	.0344	-5.8824	-1.3473	-2.9131
2 2 3	.0304	-5.8766	-1.3112	-2.8556
2 2 4	.0269	-5.7652	-1.2539	-2.7547
2 2 5	.0237	-5.5914	-1.1863	-2.6315
2 2 6	.0209	-5.3793	-1.1142	-2.4967
2 2 7	.0185	-5.1436	-1.0407	-2.3565
2 2 8	.0162	-4.8935	-.9675	-2.2147
2 2 9	.0142	-4.6347	-.8952	-2.0735
2 2 10	.0124	-4.3719	-.8248	-1.9344
2 2 11	.0108	-4.1032	-.7565	-1.7934
2 3 0	.0143	-1.9909	-.4694	-1.0093
2 3 1	.0141	-2.2636	-.5201	-1.1259
2 3 2	.0130	-2.3501	-.5270	-1.1474
2 3 3	.0113	-2.3575	-.5166	-1.1355
2 3 4	.0107	-2.3218	-.4977	-1.1029
2 3 5	.0096	-2.2601	-.4741	-1.0600
2 3 6	.0086	-2.1819	-.4482	-1.0113
2 3 7	.0077	-2.0932	-.4210	-.9594
2 3 3	.0068	-1.9975	-.3935	-.9060
2 3 9	.0061	-1.8977	-.3661	-.8521
2 3 10	.0054	-1.7955	-.3392	-.7984

a=.221	l=0			
2 4 0	.0036	-.5518	-.1271	-.2755
2 4 1	.0037	-.6296	-.1418	-.3094
2 4 2	.0035	-.6557	-.1446	-.3178
2 4 3	.0032	-.6597	-.1425	-.3156
2 4 4	.0029	-.6515	-.1380	-.3030
2 4 5	.0027	-.6353	-.1321	-.2973
2 4 6	.0024	-.6153	-.1254	-.2847
2 4 7	.0022	-.5917	-.1184	-.2711
2 4 3	.0020	-.5659	-.1111	-.2569
2 4 9	.0013	-.5338	-.1038	-.2424
2 5 0	.0007	-.1130	-.0267	-.0583
2 5 1	.0003	-.1350	-.0299	-.0658
2 5 2	.0007	-.1410	-.0307	-.0678
2 5 3	.0007	-.1421	-.0304	-.0676
2 5 4	.0006	-.1406	-.0295	-.0662
2 5 5	.0006	-.1375	-.0283	-.0641
2 5 6	.0005	-.1333	-.0270	-.0616
2 5 7	.0005	-.1285	-.0256	-.0588
2 5 8	.0004	-.1231	-.0241	-.0559
2 6 0	.0001	-.0206	-.0046	-.0101
2 6 1	.0001	-.0236	-.0052	-.0114
2 6 2	.0001	-.0247	-.0053	-.0118
2 6 3	.0001	-.0249	-.0053	-.0118
2 6 4	.0001	-.0247	-.0051	-.0117
2 6 5	.0001	-.0242	-.0049	-.0113
2 6 6	.0001	-.0235	-.0047	-.0109
2 6 7	.0001	-.0227	-.0045	-.0104
3 0	.0252	-4.3824	-.9716	-2.1374
3 1	.0134	-1.2894	-.2711	-.6329
3 2	.0141	-.4904	-.1389	-.3102
4 1	.1205	-46.7726	-4.5401	-10.0460
4 2	.0514	-10.8974	-2.2677	-5.1510
4 3	.0076	-1.7944	-.3619	-.8355
4 4	.0006	-.1434	-.0283	-.0662
4 5	.0000	-.0068	-.0014	-.0032
4 6	.0000	-.0002	-.0000	-.0001

a=.221	l=1					
0 9 10	.0186	12.6980	-.0967	.1542	-1.3774	-.0570
0 9 11	.0136	13.0281	-.0954	.1503	-1.3939	-.0588
0 9 12	.0107	13.2970	-.0934	.1447	-1.4031	-.0603
0 9 13	.0038	13.5114	-.0909	.1384	-1.4059	-.0616
0 10 10	.0328	13.1228	-.0961	.1557	-1.4050	-.0591
0 10 11	.0181	13.4737	-.0951	.1543	-1.4242	-.0610
0 10 12	.0134	13.7600	-.0936	.1507	-1.4359	-.0625
0 10 13	.0103	13.9887	-.0916	.1456	-1.4410	-.0637
0 11 11	.0318	13.8453	-.0943	.1555	-1.4459	-.0628
0 11 12	.0180	14.1494	-.0931	.1542	-1.4601	-.0643
0 11 13	.0136	14.3929	-.0915	.1508	-1.4676	-.0655
0 12 12	.0313	14.4706	-.0921	.1552	-1.4767	-.0658
0 12 13	.0180	14.7293	-.0909	.1539	-1.4864	-.0670
0 13 13	.0307	15.0027	-.0898	.1547	-1.4983	-.0682
1 0 0	-.0224	-12.3774	.1000	-.1875	1.2805	.0476
1 0 1	-.0361	-18.9681	.1443	-.2645	1.9372	.0734
1 0 2	-.0343	-24.3050	.1761	-.3110	2.4523	.0946
1 0 3	-.0324	-28.8334	.1989	-.3410	2.8746	.1129
1 0 4	-.0303	-32.7505	.2151	-.3613	3.2265	.1288
1 0 5	-.0294	-36.1700	.2262	-.3753	3.5216	.1428
1 0 6	-.0281	-39.1679	.2333	-.3850	3.7695	.1551
1 0 7	-.0269	-41.7994	.2374	-.3917	3.9771	.1660
1 0 8	-.0258	-44.1070	.2390	-.3961	4.1498	.1755
1 0 9	-.0247	-46.1251	.2389	-.3988	4.2921	.1838
1 0 10	-.0237	-47.8819	.2370	-.4000	4.4077	.1909
1 0 11	-.0227	-49.4015	.2341	-.4002	4.4994	.1971
1 0 12	-.0213	-50.7047	.2302	-.3994	4.5700	.2023
1 0 13	-.0209	-51.8096	.2256	-.3978	4.6218	.2065
1 1 0	.0039	-8.2035	.0617	-.0789	.8391	.0323
1 1 1	-.0051	-12.6090	.0882	-.1343	1.2708	.0498
1 1 2	-.0225	-16.1904	.1070	-.1730	1.6112	.0642
1 1 3	-.0227	-19.2220	.1220	-.2039	1.8919	.0764
1 1 4	-.0218	-21.8387	.1339	-.2303	2.1272	.0870
1 1 5	-.0209	-24.1203	.1429	-.2450	2.3257	.0968
1 1 6	-.0199	-26.1214	.1494	-.2552	2.4934	.1045
1 1 7	-.0190	-27.8784	.1537	-.2621	2.6347	.1117
1 1 8	-.0182	-29.4204	.1562	-.2666	2.7528	.1179
1 1 9	-.0174	-30.7703	.1572	-.2694	2.8507	.1234
1 1 10	-.0166	-31.9466	.1571	-.2709	2.9307	.1281
1 1 11	-.0159	-32.9653	.1559	-.2714	2.9947	.1321
1 1 12	-.0152	-33.8399	.1540	-.2710	3.0445	.1355
1 1 13	-.0145	-34.5824	.1514	-.2700	3.0814	.1383
1 2 0	.0047	-6.2757	.0363	-.0320	.6167	.0255
1 2 1	.0074	-9.6342	.0561	-.0643	.9380	.0392
1 2 2	.0026	-12.3823	.0697	-.0988	1.1937	.0503
1 2 3	-.0153	-14.7256	.0802	-.1301	1.4065	.0598

a=.221	l=1					
1 2 4	-.0166	-16.7505	.0893	-.1547	1.5866	.0679
1 2 5	-.0164	-18.5157	.0971	-.1730	1.7401	.0750
1 2 6	-.0159	-20.0680	.1034	-.1862	1.8711	.0812
1 2 7	-.0153	-21.4229	.1083	-.1956	1.9827	.0866
1 2 8	-.0147	-22.6182	.1119	-.2022	2.0771	.0913
1 2 9	-.0141	-23.6667	.1142	-.2066	2.1563	.0953
1 2 10	-.0135	-24.5828	.1155	-.2094	2.2220	.0988
1 2 11	-.0129	-25.3734	.1159	-.2110	2.2755	.1018
1 2 12	-.0123	-26.0639	.1155	-.2117	2.3179	.1042
1 2 13	-.0118	-26.6482	.1145	-.2115	2.3505	.1063
2 1 0	.0752	35.7920	-.2591	.5065	-3.5938	-.1393
2 1 1	.0797	54.8231	-.3818	.7001	-5.4482	-.2130
2 1 2	.0804	70.2894	-.4683	.8257	-6.9102	-.2742
2 1 3	.0797	83.4457	-.5308	.9143	-8.1146	-.3266
2 1 4	.0784	94.8466	-.5760	.9792	-9.1237	-.3722
2 1 5	.0767	104.816	-.6082	1.0278	-9.9751	-.4123
2 1 6	.0748	113.571	-.6301	1.0645	-10.6948	-.4475
2 1 7	.0723	121.270	-.6441	1.0921	-11.3018	-.4784
2 1 8	.0707	128.035	-.6517	1.1126	-11.8112	-.5055
2 1 9	.0685	133.965	-.6542	1.1274	-12.2350	-.5291
2 1 10	.0663	139.142	-.6521	1.1375	-12.5831	-.5495
2 1 11	.0641	143.633	-.6473	1.1437	-12.8638	-.5669
2 1 12	.0620	147.499	-.6394	1.1465	-13.0844	-.5816
2 2 0	.0445	32.0147	-.2088	.3853	-3.1249	-.1245
2 2 1	.0549	49.0985	-.3081	.5525	-4.7463	-.1915
2 2 2	.0596	63.0030	-.3800	.6693	-6.0316	-.2462
2 2 3	.0619	74.8456	-.4337	.7563	-7.0964	-.2930
2 2 4	.0623	85.1219	-.4740	.8229	-7.9939	-.3336
2 2 5	.0623	94.1211	-.5040	.8748	-8.7558	-.3692
2 2 6	.0624	102.037	-.5253	.9155	-9.4041	-.4004
2 2 7	.0615	109.011	-.5409	.9474	-9.9548	-.4277
2 2 8	.0604	115.152	-.5506	.9723	-10.4207	-.4515
2 2 9	.0592	120.548	-.5558	.9913	-10.8118	-.4723
2 2 10	.0578	125.269	-.5572	1.0055	-11.1365	-.4902
2 2 11	.0563	129.378	-.5556	1.0156	-11.4019	-.5055
2 3 0	.0162	14.6352	-.0889	.1612	-1.4011	-.0570
2 3 1	.0213	22.4579	-.1315	.2350	-2.1303	-.0875
2 3 2	.0240	28.8313	-.1623	.2884	-2.7111	-.1125
2 3 3	.0255	34.2659	-.1866	.3292	-3.1936	-.1333
2 3 4	.0264	38.9859	-.2043	.3613	-3.6013	-.1523
2 3 5	.0263	43.1239	-.2187	.3869	-3.9496	-.1695
2 3 6	.0269	46.7681	-.2290	.4073	-4.2463	-.1826
2 3 7	.0263	49.9827	-.2365	.4237	-4.5004	-.1896
2 3 8	.0266	52.8172	-.2416	.4367	-4.7159	-.2058
2 3 9	.0262	55.3114	-.2447	.4470	-4.8979	-.2152
2 3 10	.0257	57.4978	-.2462	.4549	-5.0500	-.2233

a=.221	l=1								
2 4 0	.0043	4.5083	-.0259	.0467	-.4251	-.0175			
2 4 1	.0058	6.9207	-.0384	.0688	-.6470	-.0269			
2 4 2	.0067	8.8880	-.0476	.0852	-.8240	-.0346			
2 4 3	.0073	10.5665	-.0548	.0979	-.9716	-.0411			
2 4 4	.0076	12.0258	-.0603	.1080	-1.0967	-.0468			
2 4 5	.0078	13.3061	-.0645	.1162	-1.2037	-.0517			
2 4 6	.0079	14.4348	-.0678	.1229	-1.2953	-.0561			
2 4 7	.0079	15.4314	-.0702	.1288	-1.3738	-.0599			
2 4 8	.0079	16.3111	-.0719	.1327	-1.4408	-.0632			
2 4 9	.0078	17.0861	-.0730	.1362	-1.4975	-.0660			
2 5 0	.0009	1.0488	-.0057	.0104	-.0976	-.0041			
2 5 1	.0012	1.6106	-.0085	.0154	-.1487	-.0062			
2 5 2	.0014	2.0689	-.0106	.0192	-.1896	-.0080			
2 5 3	.0016	2.4603	-.0122	.0221	-.2237	-.0093			
2 5 4	.0017	2.8008	-.0135	.0245	-.2526	-.0106			
2 5 5	.0017	3.0998	-.0145	.0265	-.2775	-.0117			
2 5 6	.0018	3.3635	-.0153	.0281	-.2988	-.0130			
2 5 7	.0018	3.5966	-.0158	.0294	-.3171	-.0139			
2 5 8	.0018	3.8026	-.0162	.0305	-.3328	-.0146			
2 6 0	.0002	.1962	-.0010	.0019	-.0181	-.0007			
2 6 1	.0002	.3014	-.0015	.0028	-.0276	-.0011			
2 6 2	.0003	.3872	-.0019	.0035	-.0352	-.0015			
2 6 3	.0003	.4606	-.0022	.0041	-.0415	-.0017			
2 6 4	.0003	.5244	-.0024	.0046	-.0469	-.0020			
2 6 5	.0003	.5805	-.0025	.0049	-.0516	-.0022			
2 6 6	.0003	.6301	-.0027	.0053	-.0556	-.0024			
2 6 7	.0003	.6739	-.0028	.0055	-.0590	-.0025			
3 0	.0855	188.779	-.6793	1.4713	-15.3997	-.6485			
3 1	.0388	84.1273	-.2892	.6351	-6.8259	-.2915			
3 2	.0266	50.2981	-.1594	.3739	-4.0081	-.1736			
4 1	.6274	1618.12	-5.2813	12.0306	-128.683	-5.4285			
4 2	.4353	1331.82	-3.9718	9.4848	-103.554	-4.3669			
4 3	.0850	283.910	-.7991	1.9782	-21.7473	-.9137			
4 4	.0077	27.3824	-.0737	.1881	-2.0732	-.0867			
4 5	.0004	1.5031	-.0035	.0102	-.1127	-.0047			
4 6	.0000	.0533	-.0001	.0006	-.0040	-.0002			

a=.221	l=2								
0 0 0	.0459	-.0966	-.0796	-.1695	.0047	.0049			
0 0 1	.0123	-.1051	-.0798	-.1685	.0062	.0075			
0 0 2	.0061	-.1041	-.0733	-.1510	.0067	.0095			
0 0 3	.0038	-.1009	-.0665	-.1330	.0069	.0111			
0 0 4	.0026	-.0972	-.0603	-.1175	.0067	.0124			
0 0 5	.0019	-.0938	-.0550	-.1046	.0065	.0136			
0 0 6	.0015	-.0896	-.0503	-.0940	.0062	.0145			
0 0 7	.0012	-.0859	-.0462	-.0851	.0059	.0153			
0 0 8	.0010	-.0825	-.0426	-.0776	.0056	.0160			
0 0 9	.0008	-.0792	-.0394	-.0712	.0053	.0167			
0 0 10	.0007	-.0760	-.0366	-.0658	.0050	.0172			
0 0 11	.0006	-.0731	-.0340	-.0610	.0047	.0176			
0 0 12	.0005	-.0702	-.0317	-.0569	.0045	.0180			
0 0 13	.0004	-.0676	-.0297	-.0532	.0042	.0183			
0 1 1	.0426	-.1512	-.1118	-.2315	.0089	.0121			
0 1 2	.0147	-.1651	-.1156	-.2362	.0104	.0158			
0 1 3	.0083	-.1672	-.1104	-.2215	.0110	.0189			
0 1 4	.0054	-.1650	-.1031	-.2025	.0112	.0214			
0 1 5	.0039	-.1611	-.0957	-.1841	.0110	.0236			
0 1 6	.0030	-.1564	-.0886	-.1675	.0107	.0255			
0 1 7	.0023	-.1513	-.0822	-.1531	.0103	.0271			
0 1 8	.0019	-.1462	-.0763	-.1405	.0098	.0285			
0 1 9	.0016	-.1411	-.0710	-.1296	.0094	.0297			
0 1 10	.0013	-.1362	-.0662	-.1201	.0089	.0307			
0 1 11	.0011	-.1313	-.0618	-.1118	.0085	.0316			
0 1 12	.0010	-.1267	-.0579	-.1044	.0080	.0323			
0 1 13	.0009	-.1222	-.0542	-.0979	.0076	.0329			
0 2 2	.0401	-.2026	-.1386	-.2798	.0127	.0212			
0 2 3	.0158	-.2181	-.1431	-.2857	.0140	.0258			
0 2 4	.0095	-.2224	-.1391	-.2739	.0147	.0297			
0 2 5	.0066	-.2214	-.1321	-.2561	.0148	.0330			
0 2 6	.0048	-.2177	-.1243	-.2372	.0147	.0359			
0 2 7	.0038	-.2128	-.1166	-.2194	.0143	.0383			
0 2 8	.0030	-.2072	-.1092	-.2031	.0138	.0405			
0 2 9	.0025	-.2012	-.1022	-.1884	.0133	.0423			
0 2 10	.0021	-.1951	-.0958	-.1754	.0127	.0439			
0 2 11	.0018	-.1890	-.0899	-.1638	.0122	.0453			
0 2 12	.0015	-.1829	-.0844	-.1534	.0116	.0465			
0 2 13	.0013	-.1770	-.0793	-.1441	.0111	.0475			
0 3 3	.0382	-.2509	-.1612	-.3194	.0161	.0318			
0 3 4	.0164	-.2666	-.1656	-.3254	.0173	.0371			
0 3 5	.0103	-.2721	-.1625	-.3158	.0179	.0416			
0 3 6	.0073	-.2721	-.1560	-.2996	.0180	.0455			
0 3 7	.0056	-.2689	-.1482	-.2814	.0178	.0489			
0 3 8	.0044	-.2641	-.1402	-.2632	.0174	.0519			

a=.221	l=2						
0 3 9	.0036	-.2582	-.1322	-.2462	.0169	.0545	
0 3 10	.0030	-.2517	-.1247	-.2304	.0164	.0567	
0 3 11	.0025	-.2449	-.1176	-.2161	.0157	.0586	
0 3 12	.0022	-.2379	-.1108	-.2031	.0151	.0603	
0 3 13	.0019	-.2310	-.1045	-.1912	.0144	.0617	
0 4 4	.0366	-.2960	-.1805	-.3529	.0191	.0436	
0 4 5	.0166	-.3114	-.1846	-.3586	.0201	.0493	
0 4 6	.0108	-.3177	-.1820	-.3508	.0207	.0544	
0 4 7	.0079	-.3133	-.1760	-.3361	.0208	.0588	
0 4 8	.0061	-.3156	-.1685	-.3188	.0206	.0626	
0 4 9	.0049	-.3109	-.1604	-.3010	.0202	.0660	
0 4 10	.0040	-.3049	-.1522	-.2836	.0197	.0689	
0 4 11	.0034	-.2981	-.1443	-.2675	.0191	.0715	
0 4 12	.0029	-.2908	-.1367	-.2524	.0184	.0737	
0 4 13	.0026	-.2833	-.1294	-.2384	.0177	.0756	
0 5 5	.0352	-.3381	-.1972	-.3818	.0217	.0563	
0 5 6	.0167	-.3530	-.2009	-.3872	.0227	.0624	
0 5 7	.0112	-.3596	-.1987	-.3807	.0232	.0678	
0 5 8	.0083	-.3607	-.1931	-.3675	.0232	.0726	
0 5 9	.0065	-.3583	-.1858	-.3512	.0230	.0767	
0 5 10	.0053	-.3537	-.1778	-.3340	.0226	.0804	
0 5 11	.0045	-.3477	-.1696	-.3168	.0221	.0836	
0 5 12	.0038	-.3408	-.1614	-.3004	.0214	.0864	
0 5 13	.0033	-.3332	-.1535	-.2849	.0207	.0888	
0 6 6	.0341	-.3774	-.2117	-.4073	.0241	.0696	
0 6 7	.0167	-.3916	-.2150	-.4123	.0249	.0760	
0 6 8	.0115	-.3983	-.2130	-.4067	.0254	.0817	
0 6 9	.0087	-.3997	-.2077	-.3948	.0254	.0867	
0 6 10	.0069	-.3975	-.2007	-.3795	.0252	.0911	
0 6 11	.0057	-.3931	-.1929	-.3630	.0248	.0950	
0 6 12	.0048	-.3871	-.1847	-.3462	.0242	.0984	
0 6 13	.0042	-.3801	-.1765	-.3298	.0236	.1014	
0 7 7	.0330	-.4141	-.2244	-.4299	.0262	.0834	
0 7 8	.0167	-.4276	-.2273	-.4346	.0269	.0900	
0 7 9	.0117	-.4342	-.2254	-.4297	.0273	.0958	
0 7 10	.0090	-.4356	-.2204	-.4188	.0273	.1011	
0 7 11	.0072	-.4337	-.2137	-.4046	.0271	.1057	
0 7 12	.0060	-.4294	-.2060	-.3887	.0267	.1097	
0 7 13	.0051	-.4234	-.1979	-.3724	.0261	.1133	
0 8 8	.0321	-.4483	-.2355	-.4502	.0280	.0974	
0 8 9	.0166	-.4611	-.2380	-.4546	.0287	.1042	
0 8 10	.0118	-.4672	-.2361	-.4503	.0290	.1102	
0 8 11	.0092	-.4683	-.2314	-.4403	.0290	.1155	
0 8 12	.0075	-.4670	-.2249	-.4269	.0288	.1202	
0 8 13	.0062	-.4628	-.2175	-.4117	.0284	.1244	
0 9 9	.0314	-.4803	-.2451	-.4685	.0297	.1117	

a=.221	l=2						
0 9 10	.0166	-.4920	-.2473	-.4725	.0303	.1185	
0 9 11	.0119	-.4980	-.2455	-.4687	.0306	.1246	
0 9 12	.0092	-.4995	-.2410	-.4594	.0306	.1300	
0 9 13	.0074	-.4978	-.2347	-.4468	.0303	.1348	
0 10 10	.0306	-.5097	-.2536	-.4851	.0312	.1260	
0 10 11	.0163	-.5208	-.2555	-.4888	.0317	.1328	
0 10 12	.0117	-.5265	-.2537	-.4853	.0320	.1389	
0 10 13	.0090	-.5279	-.2493	-.4767	.0320	.1443	
0 11 11	.0296	-.5372	-.2611	-.5002	.0326	.1403	
0 11 12	.0158	-.5476	-.2626	-.5035	.0330	.1470	
0 11 13	.0114	-.5529	-.2608	-.5003	.0333	.1531	
0 12 12	.0237	-.5623	-.2676	-.5139	.0338	.1544	
0 12 13	.0155	-.5724	-.2688	-.5169	.0342	.1611	
0 13 13	.0282	-.5864	-.2732	-.5264	.0349	.1683	
1 0 0	-.0191	.6871	.3074	.6317	-.0387	-.2412	
1 0 1	-.0365	1.2051	.5249	1.0736	-.0674	-.4377	
1 0 2	-.0385	1.6979	.7196	1.4302	-.0945	-.6372	
1 0 3	-.0402	2.1685	.8967	1.8475	-.1201	-.8378	
1 0 4	-.0417	2.6173	1.0591	2.1868	-.1441	-1.0375	
1 0 5	-.0432	3.0448	1.2087	2.5020	-.1666	-1.2349	
1 0 6	-.0445	3.4511	1.3466	2.7959	-.1876	-1.4288	
1 0 7	-.0457	3.8366	1.4740	3.0703	-.2072	-1.6185	
1 0 8	-.0468	4.2018	1.5916	3.3268	-.2256	-1.8034	
1 0 9	-.0477	4.5472	1.7000	3.5666	-.2426	-1.9830	
1 0 10	-.0485	4.8734	1.8000	3.7907	-.2585	-2.1571	
1 0 11	-.0492	5.1810	1.8920	3.9999	-.2732	-2.3254	
1 0 12	-.0497	5.4706	1.9766	4.1951	-.2868	-2.4878	
1 0 13	-.0502	5.7426	2.0542	4.3771	-.2995	-2.6441	
1 1 0	.0020	.3696	.1538	.3109	-.0213	-.1366	
1 1 1	-.0060	.6702	.2823	.5744	-.0380	-.2482	
1 1 2	-.0242	.9641	.4049	.8273	-.0539	-.3616	
1 1 3	-.0260	1.2437	.5158	1.0574	-.0691	-.4756	
1 1 4	-.0269	1.5073	.6154	1.2654	-.0833	-.5889	
1 1 5	-.0273	1.7571	.7053	1.4544	-.0965	-.7008	
1 1 6	-.0277	1.9921	.7860	1.6274	-.1088	-.8106	
1 1 7	-.0281	2.2137	.8611	1.7866	-.1202	-.9179	
1 1 8	-.0285	2.4225	.9239	1.9336	-.1308	-1.0224	
1 1 9	-.0288	2.6190	.9908	2.0696	-.1406	-1.1288	
1 1 10	-.0290	2.8038	1.0474	2.1957	-.1496	-1.2219	
1 1 11	-.0293	2.9772	1.0991	2.3127	-.1579	-1.3067	
1 1 12	-.0294	3.1399	1.1462	2.4212	-.1656	-1.4081	
1 1 13	-.0296	3.2923	1.1891	2.5217	-.1727	-1.4959	
1 2 0	.0023	.2377	.0895	.1775	-.0137	-.0952	
1 2 1	.0044	.4390	.1709	.3437	-.0250	-.1733	
1 2 2	.0001	.6459	.2574	.5224	-.0362	-.2530	
1 2 3	-.0179	.8501	.3422	.6987	-.0471	-.3331	

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1 2 4	-.0200	1.0446	.4199	.8614	-.0575	-.4129
1 2 5	-.0207	1.2277	.4898	1.0086	-.0672	-.4917
1 2 6	-.0210	1.3995	.5524	1.1413	-.0763	-.5690
1 2 7	-.0212	1.5605	.6086	1.2614	-.0847	-.6445
1 2 8	-.0214	1.7114	.6593	1.3707	-.0924	-.7180
1 2 9	-.0215	1.8527	.7050	1.4706	-.0996	-.7893
1 2 10	-.0216	1.9850	.7464	1.5621	-.1061	-.8582
1 2 11	-.0216	2.1087	.7839	1.6462	-.1122	-.9247
1 2 12	-.0216	2.2242	.8178	1.7235	-.1177	-.9889
1 2 13	-.0216	2.3320	.8484	1.7946	-.1227	-1.0504
2 1 0	.1009	-3.1244	-1.3497	-2.7875	.1729	1.1568
2 1 1	.1257	-5.4917	-2.3019	-4.7568	.3033	2.1025
2 1 2	.1445	-7.7884	-3.1957	-6.5924	.4283	3.0652
2 1 3	.1601	-10.0130	-4.0119	-8.3189	.5477	4.0354
2 1 4	.1733	-12.1569	-4.7840	-9.9449	.6611	5.0033
2 1 5	.1847	-14.2143	-5.5048	-11.4764	.7684	5.9616
2 1 6	.1945	-16.1822	-6.1769	-12.9182	.8697	6.9048
2 1 7	.2031	-18.0592	-6.8027	-14.2746	.9650	7.8289
2 1 8	.2105	-19.8452	-7.3847	-15.5498	1.0544	8.7309
2 1 9	.2170	-21.5412	-7.9251	-16.7475	1.1382	9.6086
2 1 10	.2226	-23.1485	-8.4261	-17.8714	1.2166	10.4603
2 1 11	.2274	-24.6689	-8.8897	-18.9249	1.2898	11.2846
2 1 12	.2316	-26.1046	-9.3180	-19.9110	1.3579	12.0808
2 2 0	.0616	-2.7624	-1.1397	-2.3618	.1518	1.0840
2 2 1	.0903	-4.9282	-1.9951	-4.1213	.2687	1.9731
2 2 2	.1121	-7.0304	-2.7881	-5.8014	.3824	2.8802
2 2 3	.1299	-9.0968	-3.5499	-7.4056	.4921	3.7960
2 2 4	.1450	-11.1055	-4.2696	-8.9324	.5973	4.7110
2 2 5	.1579	-13.0417	-4.9472	-10.3814	.6976	5.6183
2 2 6	.1690	-14.8981	-5.5833	-11.7537	.7927	6.5125
2 2 7	.1786	-16.6736	-6.1792	-13.0511	.8828	7.3896
2 2 8	.1871	-18.3710	-6.7362	-14.2759	.9677	8.2468
2 2 9	.1944	-19.9877	-7.2558	-15.4304	1.0476	9.0817
2 2 10	.2008	-21.5242	-7.7397	-16.5178	1.1227	9.8927
2 2 11	.2064	-22.9813	-8.1894	-17.5390	1.1930	10.6784
2 3 0	.0230	-1.2606	-.5048	-1.0505	.0686	.5119
2 3 1	.0360	-2.2563	-.8877	-1.8517	.1221	.9326
2 3 2	.0464	-3.2376	-1.2561	-2.6269	.1745	1.3624
2 3 3	.0552	-4.2032	-1.6089	-3.3742	.2254	1.7968
2 3 4	.0627	-5.1452	-1.9448	-4.0907	.2745	2.2315
2 3 5	.0693	-6.0571	-2.2630	-4.7746	.3215	2.6628
2 3 6	.0750	-6.9353	-2.5684	-5.4256	.3663	3.0884
2 3 7	.0800	-7.7781	-2.8460	-6.0435	.4089	3.5062
2 3 8	.0844	-8.5853	-3.1114	-6.6289	.4492	3.9149
2 3 9	.0882	-9.3560	-3.3599	-7.1826	.4872	4.3133
2 3 10	.0916	-10.0900	-3.5922	-7.7053	.5231	4.7006

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2 4 0	.0062	-.3834	-.1522	-.3131	.0210	.1619
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2 4 2	.0133	-1.0035	-.3828	-.8043	.0537	.4314
2 4 3	.0160	-1.3060	-.4923	-1.0374	.0695	.5692
2 4 4	.0185	-1.6019	-.5972	-1.2621	.0849	.7073
2 4 5	.0206	-1.8892	-.6970	-1.4777	.0996	.8444
2 4 6	.0222	-2.1667	-.7916	-1.6836	.1137	.9793
2 4 7	.0241	-2.4339	-.8810	-1.8798	.1272	1.1128
2 4 8	.0256	-2.6902	-.9653	-2.0662	.1400	1.2430
2 4 9	.0269	-2.9354	-1.0444	-2.2430	.1520	1.3701
2 5 0	.0013	-.0905	-.0343	-.0731	.0049	.0385
2 5 1	.0022	-.1627	-.0619	-.1302	.0087	.0703
2 5 2	.0029	-.2348	-.0833	-.1864	.0125	.1027
2 5 3	.0036	-.3062	-.1139	-.2411	.0162	.1356
2 5 4	.0041	-.3761	-.1386	-.2941	.0193	.1686
2 5 5	.0046	-.4442	-.1621	-.3452	.0233	.2014
2 5 6	.0051	-.5101	-.1845	-.3941	.0266	.2337
2 5 7	.0055	-.5737	-.2057	-.4409	.0298	.2656
2 5 8	.0059	-.6349	-.2258	-.4854	.0329	.2968
2 6 0	.0002	-.0170	-.0064	-.0136	.0009	.0074
2 6 1	.0004	-.0306	-.0115	-.0242	.0016	.0134
2 6 2	.0005	-.0442	-.0164	-.0348	.0023	.0196
2 6 3	.0006	-.0577	-.0212	-.0451	.0030	.0259
2 6 4	.0007	-.0709	-.0259	-.0553	.0037	.0322
2 6 5	.0008	-.0839	-.0303	-.0650	.0044	.0385
2 6 6	.0009	-.0965	-.0346	-.0743	.0050	.0447
2 6 7	.0010	-.1086	-.0386	-.0833	.0056	.0508
2 7 0	.0000	-.0027	-.0010	-.0022	.0001	.0012
2 7 1	.0001	-.0048	-.0018	-.0039	.0003	.0021
2 7 2	.0001	-.0070	-.0026	-.0056	.0004	.0031
2 7 3	.0001	-.0091	-.0033	-.0073	.0005	.0041
2 7 4	.0001	-.0112	-.0040	-.0089	.0006	.0052
2 7 5	.0001	-.0133	-.0047	-.0105	.0007	.0062
2 7 6	.0001	-.0153	-.0054	-.0120	.0008	.0072
3 0	.6800	-119.295	-35.2569	-85.8750	5.4588	69.480
3 1	.2235	-37.7002	-11.2395	-27.2005	1.7352	21.7664
3 2	.1150	-18.4143	-5.5207	-13.3022	.8506	10.5695
4 1	15.5092	-2858.93	-834.905	-2049.63	129.367	1633.54
4 2	13.6208	-2601.05	-752.677	-1859.57	117.473	1544.67
4 3	3.0518	-596.034	-171.231	-425.328	26.7964	356.267
4 4	.3070	-60.9969	-17.4269	-43.4650	2.7316	36.6580
4 5	.0175	-3.5242	-1.0018	-2.5083	.1573	2.1280
4 6	.0006	-.1307	-.0370	-.0929	.0053	.0793
4 7	.0000	-.0034	-.0010	-.0024	.0002	.0021

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0 0 1	.0350	- 3.0203	- .9270	- 1.8680	
0 0 2	.0215	- 2.9958	- .8518	- 1.7149	
0 0 3	.0152	- 2.9003	- .7734	- 1.5614	
0 0 4	.0113	- 2.7753	- .6996	- 1.4210	
0 0 5	.0088	- 2.6378	- .6320	- 1.2948	
0 0 6	.0069	- 2.4957	- .5703	- 1.1813	
0 0 7	.0055	- 2.3533	- .5143	- 1.0788	
0 0 8	.0043	- 2.2129	- .4632	- .9858	
0 0 9	.0034	- 2.0758	- .4166	- .9010	
0 0 10	.0026	- 1.9428	- .3740	- .8232	
0 0 11	.0020	- 1.8144	- .3349	- .7516	
0 0 12	.0014	- 1.6906	- .2990	- .6854	
0 0 13	.0010	- 1.5715	- .2659	- .6240	
0 1 1	.0751	- 3.3660	- .9978	- 2.0164	
0 1 2	.0336	- 3.4034	- .9567	- 1.9409	
0 1 3	.0220	- 3.3319	- .8883	- 1.8103	
0 1 4	.0159	- 3.2128	- .8151	- 1.6706	
0 1 5	.0121	- 3.0714	- .7438	- 1.5360	
0 1 6	.0095	- 2.9196	- .6767	- 1.4103	
0 1 7	.0075	- 2.7638	- .6143	- 1.2942	
0 1 8	.0060	- 2.6078	- .5566	- 1.1872	
0 1 9	.0047	- 2.4537	- .5032	- 1.0885	
0 1 10	.0037	- 2.3029	- .4540	- .9974	
0 1 11	.0029	- 2.1562	- .4085	- .9130	
0 1 12	.0021	- 2.0140	- .3664	- .8346	
0 1 13	.0015	- 1.8767	- .3275	- .7617	
0 2 2	.0650	- 3.5093	- .9628	- 1.9644	
0 2 3	.0314	- 3.4792	- .9203	- 1.8890	
0 2 4	.0212	- 3.3838	- .8596	- 1.7759	
0 2 5	.0156	- 3.2553	- .7942	- 1.6522	
0 2 6	.0120	- 3.1100	- .7292	- 1.5294	
0 2 7	.0094	- 2.9565	- .6669	- 1.4118	
0 2 8	.0075	- 2.7997	- .6081	- 1.3011	
0 2 9	.0060	- 2.6427	- .5529	- 1.1975	
0 2 10	.0047	- 2.4876	- .5014	- 1.1008	
0 2 11	.0037	- 2.3354	- .4534	- 1.0106	
0 2 12	.0028	- 2.1869	- .4087	- .9264	
0 2 13	.0021	- 2.0428	- .3671	- .8476	
0 3 3	.0582	- 3.4931	- .9073	- 1.8744	
0 3 4	.0292	- 3.4296	- .8665	- 1.8021	
0 3 5	.0201	- 3.3227	- .8128	- 1.7022	
0 3 6	.0150	- 3.1918	- .7545	- 1.5921	
0 3 7	.0116	- 3.0479	- .6960	- 1.4808	
0 3 8	.0092	- 2.8974	- .6391	- 1.3725	

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0 3 9	.0073	- 2.7443	- .5847	- 1.2689	
0 3 10	.0058	- 2.5910	- .5332	- 1.1708	
0 3 11	.0046	- 2.4394	- .4847	- 1.0784	
0 3 12	.0036	- 2.2904	- .4391	- .9915	
0 3 13	.0028	- 2.1443	- .3963	- .9097	
0 4 4	.0531	- 3.3989	- .8469	- 1.7725	
0 4 5	.0273	- 3.3183	- .8039	- 1.7043	
0 4 6	.0191	- 3.2069	- .7610	- 1.6149	
0 4 7	.0144	- 3.0774	- .7090	- 1.5161	
0 4 8	.0112	- 2.9375	- .6563	- 1.4151	
0 4 9	.0089	- 2.7923	- .6045	- 1.3155	
0 4 10	.0071	- 2.6449	- .5546	- 1.2192	
0 4 11	.0057	- 2.4975	- .5069	- 1.1272	
0 4 12	.0045	- 2.3515	- .4616	- 1.0398	
0 4 13	.0035	- 2.2078	- .4188	- .9570	
0 5 5	.0491	- 3.2642	- .7871	- 1.6685	
0 5 6	.0257	- 3.1752	- .7520	- 1.6046	
0 5 7	.0181	- 3.0634	- .7091	- 1.5237	
0 5 8	.0137	- 2.9373	- .6626	- 1.4345	
0 5 9	.0107	- 2.8029	- .6151	- 1.3424	
0 5 10	.0085	- 2.6641	- .5680	- 1.2508	
0 5 11	.0068	- 2.5234	- .5222	- 1.1616	
0 5 12	.0055	- 2.3828	- .4782	- 1.0756	
0 5 13	.0042	- 2.2433	- .4361	- .9933	
0 6 6	.0459	- 3.1087	- .7300	- 1.5664	
0 6 7	.0243	- 3.0163	- .6979	- 1.5068	
0 6 8	.0172	- 2.9064	- .6593	- 1.4332	
0 6 9	.0131	- 2.7850	- .6175	- 1.3521	
0 6 10	.0103	- 2.6569	- .5745	- 1.2679	
0 6 11	.0081	- 2.5249	- .5316	- 1.1836	
0 6 12	.0065	- 2.3914	- .4897	- 1.1008	
0 6 13	.0051	- 2.2579	- .4491	- 1.0205	
0 7 7	.0432	- 2.9435	- .6766	- 1.4683	
0 7 8	.0230	- 2.8509	- .6472	- 1.4127	
0 7 9	.0164	- 2.7443	- .6124	- 1.3454	
0 7 10	.0125	- 2.6284	- .5747	- 1.2713	
0 7 11	.0098	- 2.5067	- .5357	- 1.1942	
0 7 12	.0078	- 2.3813	- .4966	- 1.1164	
0 7 13	.0062	- 2.2556	- .4581	- 1.0396	
0 8 8	.0409	- 2.7755	- .6270	- 1.3750	
0 8 9	.0219	- 2.6846	- .6001	- 1.3233	
0 8 10	.0156	- 2.5822	- .5687	- 1.2615	
0 8 11	.0119	- 2.4720	- .5345	- 1.1936	
0 8 12	.0094	- 2.3570	- .4991	- 1.1226	
0 8 13	.0074	- 2.2391	- .4634	- 1.0507	
0 9 9	.0338	- 2.6090	- .5812	- 1.2869	

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0 9 10	.0209	- 2.5203	- .5567	- 1.2388
0 9 11	.0149	- 2.4232	- .5283	- 1.1819
0 9 12	.0114	- 2.3190	- .4972	- 1.1195
0 9 13	.0090	- 2.2105	- .4649	- 1.0540
0 10 10	.0370	- 2.4466	- .5392	- 1.2041
0 10 11	.0200	- 2.3620	- .5168	- 1.1593
0 10 12	.0143	- 2.2693	- .4909	- 1.1068
0 10 13	.0110	- 2.1710	- .4626	- 1.0493
0 11 11	.0354	- 2.2900	- .5006	- 1.1264
0 11 12	.0192	- 2.2093	- .4801	- 1.0847
0 11 13	.0133	- 2.1217	- .4565	- 1.0363
0 12 12	.0340	- 2.1403	- .4651	- 1.0537
0 12 13	.0135	- 2.0638	- .4465	- 1.0150
0 13 13	.0323	- 1.9980	- .4327	- .9859
1 0 0	- .0310	3.4910	.9056	1.8920
1 0 1	- .0398	3.9866	1.0071	2.1158
1 0 2	- .0320	4.1529	1.0186	2.1533
1 0 3	- .0269	4.1812	.9961	2.1197
1 0 4	- .0230	4.1360	.9580	2.0535
1 0 5	- .0198	4.0474	.9125	1.9714
1 0 6	- .0173	3.9316	.8636	1.8815
1 0 7	- .0151	3.7984	.8135	1.7885
1 0 8	- .0133	3.6540	.7635	1.6948
1 0 9	- .0117	3.5027	.7177	1.6019
1 0 10	- .0103	3.3473	.6699	1.5107
1 0 11	- .0090	3.1901	.6285	1.4218
1 0 12	- .0079	3.0324	.5798	1.3354
1 0 13	- .0069	2.8754	.5358	1.2517
1 1 0	- .0127	1.6601	.3120	.6830
1 1 1	- .0004	1.9983	.4094	.8998
1 1 2	- .0190	2.1690	.4649	1.0244
1 1 3	- .0131	2.2529	.4913	1.0870
1 1 4	- .0162	2.2841	.5006	1.1100
1 1 5	- .0145	2.2809	.4980	1.1081
1 1 6	- .0129	2.2541	.4831	1.0902
1 1 7	- .0115	2.2107	.4735	1.0620
1 1 8	- .0103	2.1553	.4559	1.0272
1 1 9	- .0092	2.0914	.4363	.9881
1 1 10	- .0083	2.0212	.4155	.9464
1 1 11	- .0074	1.9465	.3940	.9031
1 1 12	- .0066	1.8688	.3722	.8592
1 1 13	- .0059	1.7890	.3504	.8150
1 2 0	.0147	.6374	.0172	.0915
1 2 1	.0130	.8314	.0714	.2151
1 2 2	.0106	.9711	.1274	.3366
1 2 3	- .0099	1.0736	.1746	.4367

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1 2 4	- .0111	1.1444	.2090	.5085
1 2 5	- .0107	1.1901	.2321	.5558
1 2 6	- .0100	1.2163	.2465	.5842
1 2 7	- .0093	1.2274	.2544	.5985
1 2 8	- .0085	1.2268	.2574	.6025
1 2 9	- .0078	1.2169	.2568	.5990
1 2 10	- .0071	1.1996	.2535	.5839
1 2 11	- .0065	1.1764	.2481	.5767
1 2 12	- .0059	1.1486	.2412	.5605
1 2 13	- .0054	1.1171	.2331	.5420
2 1 0	.0886	- 7.6423	- 2.0011	- 4.1903
2 1 1	.0739	- 8.6862	- 2.1834	- 4.6044
2 1 2	.0627	- 9.0360	- 2.2008	- 4.6571
2 1 3	.0541	- 9.0963	- 2.1491	- 4.5772
2 1 4	.0472	- 9.0035	- 2.0682	- 4.4364
2 1 5	.0415	- 8.8182	- 1.9730	- 4.2652
2 1 6	.0367	- 8.5748	- 1.8712	- 4.0787
2 1 7	.0325	- 8.2936	- 1.7670	- 3.8855
2 1 8	.0288	- 7.9880	- 1.6627	- 3.6903
2 1 9	.0256	- 7.6667	- 1.5599	- 3.4961
2 1 10	.0227	- 7.3361	- 1.4595	- 3.3047
2 1 11	.0201	- 7.0006	- 1.3619	- 3.1174
2 1 12	.0173	- 6.6635	- 1.2676	- 2.9347
2 2 0	.0497	- 5.5268	- 1.3708	- 2.9056
2 2 1	.0472	- 6.3384	- 1.5285	- 3.2571
2 2 2	.0423	- 6.6431	- 1.5612	- 3.3464
2 2 3	.0386	- 6.7311	- 1.5444	- 3.3315
2 2 4	.0343	- 6.7004	- 1.5030	- 3.2641
2 2 5	.0313	- 6.5966	- 1.4431	- 3.1675
2 2 6	.0282	- 6.4452	- 1.3858	- 3.0542
2 2 7	.0255	- 6.2613	- 1.3195	- 2.9311
2 2 8	.0230	- 6.0565	- 1.2514	- 2.8028
2 2 9	.0207	- 5.8364	- 1.1827	- 2.6719
2 2 10	.0186	- 5.6064	- 1.1144	- 2.5406
2 2 11	.0167	- 5.3702	- 1.0471	- 2.4099
2 3 0	.0174	- 2.2340	- .5866	- 1.1477
2 3 1	.0175	- 2.5737	- .6041	- 1.2990
2 3 2	.0165	- 2.7081	- .6220	- 1.3453
2 3 3	.0152	- 2.7538	- .6196	- 1.3485
2 3 4	.0140	- 2.7500	- .6068	- 1.3291
2 3 5	.0128	- 2.7156	- .5880	- 1.2967
2 3 6	.0117	- 2.6607	- .5656	- 1.2563
2 3 7	.0106	- 2.5918	- .5412	- 1.2109
2 3 8	.0097	- 2.5132	- .5156	- 1.1626
2 3 9	.0088	- 2.4277	- .4895	- 1.1125
2 3 10	.0080	- 2.3375	- .4632	- 1.0616

a=.197	l=0			
2 4 0	.0045	-.6800	-.1479	-.3186
2 4 1	.0046	-.7279	-.1675	-.3628
2 4 2	.0045	-.7680	-.1734	-.3777
2 4 3	.0042	-.7828	-.1736	-.3803
2 4 4	.0039	-.7885	-.1707	-.3764
2 4 5	.0036	-.7753	-.1661	-.3685
2 4 6	.0033	-.7612	-.1604	-.3582
2 4 7	.0031	-.7429	-.1540	-.3464
2 4 8	.0028	-.7217	-.1472	-.3335
2 4 9	.0026	-.6984	-.1402	-.3201
2 5 0	.0009	-.1367	-.0315	-.0684
2 5 1	.0010	-.1583	-.0359	-.0782
2 5 2	.0009	-.1674	-.0373	-.0817
2 5 3	.0009	-.1709	-.0374	-.0825
2 5 4	.0008	-.1714	-.0369	-.0819
2 5 5	.0008	-.1699	-.0361	-.0804
2 5 6	.0007	-.1670	-.0349	-.0784
2 5 7	.0007	-.1633	-.0336	-.0760
2 5 8	.0006	-.1588	-.0322	-.0738
2 6 0	.0002	-.0242	-.0055	-.0120
2 6 1	.0002	-.0280	-.0063	-.0138
2 6 2	.0002	-.0297	-.0065	-.0145
2 6 3	.0002	-.0303	-.0066	-.0147
2 6 4	.0001	-.0305	-.0065	-.0146
2 6 5	.0001	-.0302	-.0064	-.0144
2 6 6	.0001	-.0298	-.0062	-.0140
2 6 7	.0001	-.0291	-.0060	-.0137
3 0	.0321	-5.2183	-1.1763	-2.5729
3 1	.0167	-1.7407	-.3638	-.8403
3 2	.0165	-.7048	-.1735	-.4005
4 1	.1542	-25.0068	-5.5806	-12.2989
4 2	.0696	-14.0960	-2.9713	-6.7083
4 3	.0108	-2.4190	-.4945	-1.1336
4 4	.0008	-.1998	-.0400	-.0927
4 5	.0000	-.0097	-.0019	-.0045
4 6	.0000	-.0004	-.0001	-.0002

a=.197	l=1					
0 0 0	.0643	.8426	-.0146	.1079	-.1215	-.0020
0 0 1	.0203	1.1714	-.0300	.1046	-.1833	-.0030
0 0 2	.0114	1.4473	-.0386	.0922	-.2298	-.0040
0 0 3	.0077	1.6945	-.0426	.0798	-.2656	-.0049
0 0 4	.0057	1.9160	-.0437	.0693	-.2933	-.0059
0 0 5	.0045	2.1131	-.0433	.0605	-.3148	-.0068
0 0 6	.0036	2.2873	-.0420	.0533	-.3312	-.0077
0 0 7	.0030	2.4403	-.0402	.0474	-.3434	-.0082
0 0 8	.0026	2.5741	-.0382	.0425	-.3523	-.0091
0 0 9	.0022	2.6905	-.0361	.0384	-.3585	-.0102
0 0 10	.0019	2.7910	-.0339	.0350	-.3623	-.0109
0 0 11	.0017	2.8772	-.0318	.0321	-.3642	-.0116
0 0 12	.0015	2.9504	-.0297	.0296	-.3646	-.0122
0 0 13	.0013	3.0120	-.0277	.0275	-.3635	-.0128
0 1 1	.0578	1.7828	-.0412	.1298	-.2741	-.0048
0 1 2	.0230	2.2362	-.0515	.1274	-.3427	-.0064
0 1 3	.0142	2.6169	-.0580	.1167	-.3963	-.0080
0 1 4	.0101	2.9513	-.0612	.1046	-.4386	-.0095
0 1 5	.0077	3.2480	-.0620	.0932	-.4718	-.0109
0 1 6	.0062	3.5111	-.0612	.0833	-.4976	-.0122
0 1 7	.0051	3.7436	-.0594	.0747	-.5174	-.0130
0 1 8	.0043	3.9480	-.0570	.0674	-.5321	-.0148
0 1 9	.0036	4.1267	-.0543	.0612	-.5426	-.0159
0 1 10	.0031	4.2820	-.0514	.0559	-.5496	-.0170
0 1 11	.0027	4.4159	-.0485	.0514	-.5536	-.0180
0 1 12	.0024	4.5302	-.0456	.0475	-.5551	-.0189
0 1 13	.0021	4.6269	-.0428	.0442	-.5545	-.0198
0 2 2	.0534	2.8616	-.0598	.1405	-.4281	-.0086
0 2 3	.0237	3.3684	-.0663	.1382	-.4955	-.0107
0 2 4	.0155	3.7999	-.0714	.1292	-.5492	-.0126
0 2 5	.0114	4.1778	-.0737	.1184	-.5920	-.0144
0 2 6	.0089	4.5118	-.0739	.1076	-.6259	-.0155
0 2 7	.0072	4.8076	-.0728	.0978	-.6522	-.0178
0 2 8	.0060	5.0686	-.0707	.0890	-.6723	-.0193
0 2 9	.0051	5.2978	-.0680	.0813	-.6871	-.0208
0 2 10	.0044	5.4979	-.0649	.0746	-.6973	-.0221
0 2 11	.0038	5.6713	-.0617	.0687	-.7037	-.0234
0 2 12	.0033	5.8203	-.0584	.0637	-.7069	-.0245
0 2 13	.0029	5.9468	-.0550	.0592	-.7072	-.0256
0 3 3	.0500	3.9946	-.0728	.1462	-.6542	-.0132
0 3 4	.0238	4.5202	-.0777	.1441	-.6374	-.0155
0 3 5	.0161	4.9724	-.0809	.1366	-.6384	-.0170
0 3 6	.0121	5.3684	-.0823	.1270	-.7291	-.0197
0 3 7	.0096	5.7179	-.0820	.1172	-.7614	-.0216
0 3 8	.0079	6.0267	-.0806	.1078	-.7865	-.0234

a=.197	l=1			
0 3 9	.0066	6.2988	-.0784	.0993
0 3 10	.0057	6.5372	-.0755	.0916
0 3 11	.0049	6.7447	-.0722	.0848
0 3 12	.0043	6.9237	-.0688	.0787
0 3 13	.0037	7.0766	-.0652	.0734
0 4 4	.0473	5.1340	-.0821	.1496
0 4 5	.0236	5.6587	-.0854	.1476
0 4 6	.0164	6.1132	-.0875	.1412
0 4 7	.0126	6.5116	-.0882	.1329
0 4 8	.0101	6.8626	-.0876	.1240
0 4 9	.0084	7.1719	-.0860	.1152
0 4 10	.0071	7.4437	-.0836	.1071
0 4 11	.0061	7.6810	-.0806	.0996
0 4 12	.0052	7.8867	-.0773	.0929
0 4 13	.0046	8.0631	-.0738	.0868
0 5 5	.0451	6.2513	-.0835	.1516
0 5 6	.0232	6.7629	-.0908	.1498
0 5 7	.0165	7.2031	-.0921	.1444
0 5 8	.0128	7.5983	-.0922	.1370
0 5 9	.0104	7.9415	-.0913	.1290
0 5 10	.0087	8.2430	-.0895	.1209
0 5 11	.0073	8.5068	-.0871	.1132
0 5 12	.0063	8.7361	-.0841	.1060
0 5 13	.0054	8.9337	-.0807	.0994
0 6 6	.0432	7.3232	-.0930	.1529
0 6 7	.0228	7.8193	-.0944	.1514
0 6 8	.0165	8.2476	-.0950	.1466
0 6 9	.0129	8.6226	-.0948	.1401
0 6 10	.0105	8.9515	-.0937	.1328
0 6 11	.0088	9.2394	-.0918	.1254
0 6 12	.0075	9.4902	-.0893	.1181
0 6 13	.0064	9.7067	-.0863	.1113
0 7 7	.0415	8.3534	-.0958	.1539
0 7 8	.0224	8.8190	-.0967	.1525
0 7 9	.0163	9.2254	-.0969	.1483
0 7 10	.0129	9.5806	-.0963	.1425
0 7 11	.0105	9.8911	-.0950	.1359
0 7 12	.0088	10.1615	-.0930	.1290
0 7 13	.0074	10.3955	-.0905	.1222
0 8 8	.0400	9.3198	-.0976	.1545
0 8 9	.0219	9.7569	-.0979	.1533
0 8 10	.0161	10.1381	-.0977	.1496
0 8 11	.0127	10.4705	-.0969	.1443
0 8 12	.0104	10.7596	-.0955	.1388
0 8 13	.0087	11.0099	-.0935	.1319
0 9 9	.0336	10.2230	-.0984	.1550

a=.197	l=1					
0 9 10	.0213	10.6298	-.0984	.1538	-1.2305	
0 9 11	.0157	10.9840	-.0979	.1505	-1.2552	
0 9 12	.0125	11.2915	-.0969	.1458	-1.2739	
0 9 13	.0104	11.5574	-.0954	.1402	-1.2873	
0 10 10	.0372	11.0608	-.0985	.1553	-1.2644	
0 10 11	.0208	11.4364	-.0982	.1543	-1.2914	
0 10 12	.0155	11.7623	-.0975	.1513	-1.3122	
0 10 13	.0126	12.0438	-.0964	.1469	-1.3275	
0 11 11	.0362	11.8324	-.0981	.1555	-1.3205	
0 11 12	.0206	12.1765	-.0976	.1545	-1.3434	
0 11 13	.0157	12.4736	-.0967	.1518	-1.3606	
0 12 12	.0356	12.5373	-.0972	.1556	-1.3682	
0 12 13	.0207	12.8505	-.0965	.1547	-1.3873	
0 13 13	.0350	13.1781	-.0960	.1556	-1.4081	
1 0 0	-.0258	-12.1833	.0987	-.1943	1.2604	
1 0 1	-.0416	-18.7943	.1455	-.2767	1.9244	
1 0 2	-.0399	-24.2376	.1806	-.3294	2.4584	
1 0 3	-.0381	-28.9411	.2075	-.3656	2.9079	
1 0 4	-.0366	-33.0894	.2281	-.3916	3.2933	
1 0 5	-.0353	-36.7878	.2437	-.4108	3.6269	
1 0 6	-.0340	-40.1052	.2552	-.4252	3.9169	
1 0 7	-.0329	-43.0910	.2636	-.4362	4.1696	
1 0 8	-.0318	-45.7329	.2694	-.4445	4.3895	
1 0 9	-.0308	-48.2107	.2730	-.4508	4.5806	
1 0 10	-.0298	-50.3989	.2749	-.4554	4.7460	
1 0 11	-.0289	-52.3631	.2753	-.4587	4.8883	
1 0 12	-.0280	-54.1361	.2746	-.4609	5.0093	
1 0 13	-.0271	-55.7181	.2728	-.4621	5.1124	
1 1 0	.0039	-8.0627	.0645	-.0890	.8327	
1 1 1	.0065	-12.4725	.0928	-.1465	1.2713	
1 1 2	.0262	-16.1177	.1136	-.1917	1.6248	
1 1 3	.0266	-19.2610	.1306	-.2250	1.9231	
1 1 4	.0258	-22.0267	.1446	-.2493	2.1796	
1 1 5	.0249	-24.4888	.1558	-.2671	2.4023	
1 1 6	.0240	-26.6955	.1647	-.2803	2.5964	
1 1 7	.0231	-28.6813	.1714	-.2900	2.7660	
1 1 8	.0223	-30.4716	.1763	-.2973	2.9140	
1 1 9	.0215	-32.0866	.1797	-.3026	3.0429	
1 1 10	.0208	-33.5427	.1818	-.3065	3.1546	
1 1 11	.0201	-34.8535	.1828	-.3091	3.2510	
1 1 12	.0194	-36.0307	.1829	-.3108	3.3334	
1 1 13	.0187	-37.0844	.1822	-.3118	3.4032	
1 2 0	.0049	-6.2195	.0426	-.0415	.6268	
1 2 1	.0077	-9.6124	.0636	-.0769	.9589	
1 2 2	.0021	-12.4323	.0787	-.1124	1.2278	
1 2 3	.0181	-14.8768	.0905	-.1442	1.4558	

a=.197		l=1							
1	2	4	-.0197	-17.0291	.1007	-.1693	1.6530	.0633	
1	2	5	-.0196	-18.9434	.1026	-.1397	1.8250	.0760	
1	2	6	-.0192	-20.6577	.1171	-.2049	1.9759	.0830	
1	2	7	-.0136	-22.1997	.1234	-.2163	2.1034	.0392	
1	2	8	-.0130	-23.5903	.1233	-.2250	2.2247	.0243	
1	2	9	-.0174	-24.3454	.1321	-.2315	2.3266	.0399	
1	2	10	-.0162	-25.9730	.1343	-.2362	2.4154	.1044	
1	2	11	-.0162	-26.9997	.1367	-.2397	2.4925	.1034	
1	2	12	-.0156	-27.9165	.1377	-.2421	2.5590	.1121	
1	2	13	-.0151	-23.7393	.1330	-.2436	2.6156	.1153	
2	1	0	.0366	35.9741	-.2626	.5279	-3.6205	-.1333	
2	1	1	.0929	55.4452	-.3940	.7426	-5.5366	-.2149	
2	1	2	.0946	71.5332	-.4917	.8881	-7.0833	-.2732	
2	1	3	.0943	85.4617	-.5666	.9949	-8.3398	-.3334	
2	1	4	.0941	97.7630	-.6245	1.0764	-9.5143	-.3825	
2	1	5	.0930	103.742	-.6693	1.1401	-10.4915	-.4264	
2	1	6	.0915	113.601	-.7036	1.1907	-11.3443	-.4660	
2	1	7	.0999	127.484	-.7294	1.2311	-12.0914	-.5013	
2	1	8	.0331	135.503	-.7482	1.2635	-12.7447	-.5340	
2	1	9	.0862	142.744	-.7612	1.2894	-13.3152	-.5632	
2	1	10	.0843	149.280	-.7694	1.3099	-13.8119	-.5894	
2	1	11	.0323	155.171	-.7735	1.3259	-14.2421	-.6129	
2	1	12	.0802	160.469	-.7741	1.3330	-14.6122	-.6339	
2	2	0	.0520	32.8103	-.2195	.4125	-3.2242	-.1274	
2	2	1	.0643	50.6262	-.3233	.5933	-4.9366	-.1971	
2	2	2	.0710	65.3632	-.4112	.7330	-6.3240	-.2551	
2	2	3	.0744	73.1326	-.4759	.8360	-7.5002	-.3055	
2	2	4	.0762	89.4190	-.5271	.9175	-8.5166	-.3501	
2	2	5	.0770	99.5011	-.5678	.9832	-9.4035	-.3901	
2	2	6	.0771	103.563	-.6000	1.0367	-10.1811	-.4260	
2	2	7	.0767	116.737	-.6250	1.0806	-10.8645	-.4583	
2	2	8	.0760	124.123	-.6441	1.1167	-11.4652	-.4875	
2	2	9	.0751	130.802	-.6583	1.1464	-11.9925	-.5133	
2	2	10	.0740	136.335	-.6681	1.1706	-12.4539	-.5375	
2	2	11	.0727	142.288	-.6744	1.1902	-12.8559	-.5586	
2	3	0	.0192	15.2221	-.0957	.1755	-1.4707	-.0592	
2	3	1	.0254	23.4988	-.1435	.2534	-2.2538	-.0915	
2	3	2	.0239	30.3509	-.1799	.3200	-2.8896	-.1134	
2	3	3	.0310	36.2922	-.2087	.3683	-3.4301	-.1413	
2	3	4	.0323	41.5470	-.2319	.4074	-3.8983	-.1624	
2	3	5	.0331	46.2442	-.2506	.4394	-4.3078	-.1809	
2	3	6	.0336	50.4692	-.2656	.4659	-4.6679	-.1975	
2	3	7	.0337	54.2830	-.2775	.4880	-4.9852	-.2124	
2	3	8	.0337	57.7323	-.2868	.5064	-5.2649	-.2259	
2	3	9	.0335	60.3539	-.2933	.5213	-5.5113	-.2390	
2	3	10	.0332	63.6780	-.2990	.5345	-5.7276	-.2488	

a=.197		l=1							
2	4	0	.0051	4.7432	-.0284	.0516	-.4525	-.0185	
2	4	1	.0070	7.3322	-.0426	.0766	-.6940	-.0286	
2	4	2	.0031	9.4723	-.0536	.0955	-.8904	-.0369	
2	4	3	.0099	11.3299	-.0623	.1106	-1.0576	-.0442	
2	4	4	.0094	12.9734	-.0693	.1229	-1.2027	-.0506	
2	4	5	.0097	14.4433	-.0751	.1332	-1.3299	-.0563	
2	4	6	.0099	15.7662	-.0793	.1419	-1.4420	-.0615	
2	4	7	.0100	16.9612	-.0835	.1491	-1.5410	-.0661	
2	4	8	.0101	18.0426	-.0865	.1552	-1.6284	-.0703	
2	4	9	.0101	19.0219	-.0383	.1604	-1.7056	-.0740	
2	5	0	.0011	1.1170	-.0064	.0116	-.1052	-.0045	
2	5	1	.0015	1.7253	-.0096	.0173	-.1615	-.0067	
2	5	2	.0018	2.2295	-.0121	.0217	-.2073	-.0087	
2	5	3	.0019	2.6671	-.0141	.0253	-.2464	-.0104	
2	5	4	.0021	3.0546	-.0157	.0282	-.2803	-.0119	
2	5	5	.0022	3.4013	-.0171	.0306	-.3101	-.0132	
2	5	6	.0022	3.7135	-.0182	.0327	-.3364	-.0144	
2	5	7	.0023	3.9956	-.0191	.0345	-.3597	-.0155	
2	5	8	.0023	4.2511	-.0198	.0360	-.3803	-.0165	
2	6	0	.0002	.2111	-.0012	.0021	-.0197	-.0009	
2	6	1	.0003	.3261	-.0018	.0032	-.0302	-.0013	
2	6	2	.0003	.4215	-.0022	.0041	-.0388	-.0017	
2	6	3	.0003	.5043	-.0026	.0047	-.0462	-.0020	
2	6	4	.0004	.5776	-.0029	.0053	-.0525	-.0023	
2	6	5	.0004	.6433	-.0031	.0058	-.0582	-.0026	
2	6	6	.0004	.7025	-.0033	.0062	-.0631	-.0028	
2	6	7	.0004	.7560	-.0035	.0066	-.0675	-.0030	
3	0		.1160	254.392	-.9076	1.9840	-20.7206	-.8719	
3	1		.0524	112.773	-.3932	.8531	-9.1648	-.3893	
3	2		.0352	68.0753	-.2236	.5035	-5.4704	-.2353	
4	1		.3870	2270.35	-7.4090	16.8960	-180.517	-7.6146	
4	2		.6478	1936.04	-5.8503	13.8677	-151.031	-6.3718	
4	3		.1308	424.042	-1.2177	2.9763	-32.6504	-1.3740	
4	4		.0122	41.8546	-.1155	.2897	-3.1896	-.1337	
4	5		.0007	2.3454	-.0056	.0161	-.1772	-.0076	
4	6		.0000	.0847	-.0002	.0006	-.0064	-.0003	

a=.197	l=2					
0 0 0	.0515	-.0753	-.0646	-.1379	.0033	.0032
0 0 1	.0133	-.0339	-.0667	-.1426	.0045	.0049
0 0 2	.0069	-.0337	-.0623	-.1312	.0051	.0063
0 0 3	.0042	-.0316	-.0572	-.1177	.0054	.0074
0 0 4	.0029	-.0790	-.0525	-.1053	.0054	.0084
0 0 5	.0021	-.0763	-.0483	-.0947	.0053	.0092
0 0 6	.0016	-.0737	-.0446	-.0856	.0052	.0099
0 0 7	.0013	-.0711	-.0413	-.0780	.0050	.0106
0 0 8	.0011	-.0687	-.0384	-.0715	.0048	.0111
0 0 9	.0009	-.0663	-.0358	-.0659	.0046	.0116
0 0 10	.0008	-.0640	-.0335	-.0610	.0044	.0121
0 0 11	.0007	-.0619	-.0314	-.0563	.0042	.0124
0 0 12	.0006	-.0599	-.0295	-.0531	.0040	.0128
0 0 13	.0005	-.0579	-.0278	-.0498	.0039	.0131
0 1 1	.0473	-.1204	-.0933	-.1958	.0067	.0080
0 1 2	.0165	-.1327	-.0979	-.2037	.0080	.0106
0 1 3	.0093	-.1354	-.0949	-.1945	.0086	.0127
0 1 4	.0061	-.1344	-.0896	-.1803	.0089	.0145
0 1 5	.0044	-.1319	-.0838	-.1656	.0090	.0161
0 1 6	.0033	-.1288	-.0784	-.1520	.0089	.0175
0 1 7	.0026	-.1253	-.0734	-.1398	.0086	.0187
0 1 8	.0021	-.1218	-.0687	-.1290	.0084	.0198
0 1 9	.0018	-.1182	-.0644	-.1196	.0081	.0208
0 1 10	.0015	-.1147	-.0605	-.1112	.0078	.0216
0 1 11	.0013	-.1113	-.0567	-.1039	.0075	.0223
0 1 12	.0011	-.1080	-.0537	-.0973	.0072	.0230
0 1 13	.0010	-.1047	-.0507	-.0915	.0068	.0236
0 2 2	.0450	-.1631	-.1176	-.2415	.0099	.0143
0 2 3	.0178	-.1767	-.1225	-.2495	.0111	.0174
0 2 4	.0107	-.1813	-.1206	-.2424	.0118	.0202
0 2 5	.0074	-.1815	-.1158	-.2291	.0121	.0226
0 2 6	.0054	-.1795	-.1093	-.2142	.0121	.0247
0 2 7	.0042	-.1764	-.1038	-.1995	.0120	.0266
0 2 8	.0034	-.1726	-.0980	-.1858	.0117	.0282
0 2 9	.0029	-.1686	-.0926	-.1733	.0114	.0297
0 2 10	.0023	-.1644	-.0875	-.1621	.0111	.0310
0 2 11	.0020	-.1601	-.0826	-.1519	.0107	.0322
0 2 12	.0017	-.1559	-.0781	-.1428	.0103	.0332
0 2 13	.0015	-.1517	-.0739	-.1345	.0099	.0341
0 3 3	.0429	-.2037	-.1385	-.2793	.0128	.0216
0 3 4	.0184	-.2176	-.1436	-.2869	.0139	.0254
0 3 5	.0116	-.2234	-.1421	-.2812	.0146	.0286
0 3 6	.0082	-.2245	-.1377	-.2693	.0149	.0315
0 3 7	.0062	-.2231	-.1320	-.2549	.0149	.0341
0 3 8	.0049	-.2203	-.1253	-.2401	.0148	.0363

a=.197	l=2					
0 3 9	.0040	-.2165	-.1196	-.2257	.0145	.0384
0 3 10	.0034	-.2122	-.1135	-.2123	.0142	.0402
0 3 11	.0028	-.2076	-.1079	-.2000	.0138	.0418
0 3 12	.0025	-.2028	-.1025	-.1886	.0133	.0432
0 3 13	.0022	-.1979	-.0974	-.1783	.0129	.0445
0 4 4	.0411	-.2422	-.1563	-.3114	.0155	.0300
0 4 5	.0186	-.2560	-.1614	-.3185	.0165	.0341
0 4 6	.0122	-.2625	-.1605	-.3140	.0171	.0378
0 4 7	.0089	-.2645	-.1566	-.3083	.0174	.0411
0 4 8	.0069	-.2636	-.1510	-.2897	.0175	.0440
0 4 9	.0055	-.2609	-.1448	-.2752	.0173	.0466
0 4 10	.0046	-.2572	-.1384	-.2608	.0170	.0490
0 4 11	.0038	-.2528	-.1321	-.2469	.0166	.0511
0 4 12	.0033	-.2479	-.1261	-.2339	.0162	.0529
0 4 13	.0029	-.2428	-.1203	-.2218	.0157	.0546
0 5 5	.0395	-.2786	-.1730	-.3394	.0179	.0391
0 5 6	.0187	-.2923	-.1772	-.3460	.0189	.0436
0 5 7	.0126	-.2991	-.1764	-.3424	.0194	.0476
0 5 8	.0094	-.3016	-.1728	-.3327	.0197	.0512
0 5 9	.0074	-.3011	-.1676	-.3200	.0197	.0544
0 5 10	.0060	-.2987	-.1616	-.3060	.0196	.0573
0 5 11	.0050	-.2951	-.1551	-.2918	.0193	.0599
0 5 12	.0043	-.2907	-.1487	-.2779	.0189	.0623
0 5 13	.0038	-.2857	-.1423	-.2646	.0184	.0644
0 6 6	.0382	-.3133	-.1873	-.3642	.0202	.0488
0 6 7	.0188	-.3264	-.1911	-.3703	.0210	.0536
0 6 8	.0129	-.3335	-.1905	-.3673	.0215	.0579
0 6 9	.0098	-.3362	-.1872	-.3584	.0218	.0617
0 6 10	.0078	-.3361	-.1823	-.3468	.0218	.0652
0 6 11	.0064	-.3340	-.1763	-.3334	.0216	.0684
0 6 12	.0055	-.3305	-.1699	-.3195	.0213	.0712
0 6 13	.0047	-.3261	-.1634	-.3057	.0209	.0738
0 7 7	.0371	-.3461	-.2000	-.3864	.0222	.0590
0 7 8	.0187	-.3587	-.2035	-.3920	.0229	.0640
0 7 9	.0131	-.3658	-.2030	-.3896	.0234	.0685
0 7 10	.0101	-.3688	-.1998	-.3817	.0236	.0726
0 7 11	.0082	-.3689	-.1951	-.3707	.0236	.0763
0 7 12	.0069	-.3669	-.1893	-.3579	.0234	.0797
0 7 13	.0059	-.3636	-.1831	-.3445	.0231	.0827
0 8 8	.0361	-.3771	-.2114	-.4065	.0240	.0696
0 8 9	.0187	-.3892	-.2145	-.4117	.0247	.0748
0 8 10	.0134	-.3962	-.2141	-.4096	.0251	.0795
0 8 11	.0104	-.3993	-.2111	-.4025	.0253	.0837
0 8 12	.0085	-.3995	-.2066	-.3922	.0253	.0876
0 8 13	.0071	-.3978	-.2010	-.3801	.0251	.0911
0 9 9	.0353	-.4064	-.2216	-.4247	.0257	.0806

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0 9 10	.0187	- .4180	- .2245	- .4296	.0268	.0858	
0 9 11	.0135	- .4248	- .2240	- .4278	.0267	.0906	
0 9 12	.0105	- .4280	- .2212	- .4213	.0269	.0950	
0 9 13	.0084	- .4283	- .2168	- .4117	.0268	.0990	
0 10 10	.0345	- .4342	- .2308	- .4415	.0272	.0917	
0 10 11	.0185	- .4452	- .2334	- .4460	.0278	.0971	
0 10 12	.0132	- .4513	- .2329	- .4444	.0281	.1020	
0 10 13	.0102	- .4549	- .2302	- .4384	.0283	.1064	
0 11 11	.0334	- .4604	- .2391	- .4569	.0286	.1030	
0 11 12	.0179	- .4709	- .2413	- .4611	.0292	.1084	
0 11 13	.0129	- .4773	- .2408	- .4597	.0295	.1134	
0 12 12	.0323	- .4852	- .2465	- .4711	.0299	.1143	
0 12 13	.0175	- .4952	- .2485	- .4750	.0304	.1198	
0 13 13	.0317	- .5086	- .2532	- .4842	.0311	.1257	
1 0 0	- .0219	.6804	.3069	.6323	- .0381	- .2379	
1 0 1	- .0417	1.2051	.5301	1.0915	- .0673	- .4345	
1 0 2	- .0443	1.7150	.7360	1.5159	- .0955	- .6865	
1 0 3	- .0466	2.2111	.9281	1.9130	- .1227	- .8418	
1 0 4	- .0488	2.6923	1.1082	2.2871	- .1488	- 1.0486	
1 0 5	- .0508	3.1581	1.2775	2.6408	- .1737	- 1.2553	
1 0 6	- .0527	3.6079	1.4347	2.9759	- .1975	- 1.4607	
1 0 7	- .0545	4.0414	1.5869	3.2940	- .2201	- 1.6640	
1 0 8	- .0561	4.4586	1.7282	3.5960	- .2416	- 1.8644	
1 0 9	- .0575	4.8595	1.8612	3.8829	- .2620	- 2.0615	
1 0 10	- .0588	5.2442	1.9863	4.1554	- .2814	- 2.2549	
1 0 11	- .0600	5.6130	2.1040	4.4142	- .2997	- 2.4441	
1 0 12	- .0611	5.9661	2.2146	4.6599	- .3171	- 2.6291	
1 0 13	- .0620	6.3038	2.3184	4.8930	- .3335	- 2.8095	
1 1 0	.0020	.3687	.1575	.3205	- .0213	- .1336	
1 1 1	- .0072	.6704	.2880	.5880	- .0380	- .2441	
1 1 2	- .0278	.9692	.4141	.8473	- .0544	- .3576	
1 1 3	- .0301	1.2590	.5306	1.0893	- .0702	- .4730	
1 1 4	- .0311	1.5379	.6392	1.3136	- .0854	- .5892	
1 1 5	- .0319	1.8059	.7392	1.5221	- .0998	- .7051	
1 1 6	- .0327	2.0630	.8320	1.7168	- .1135	- .8202	
1 1 7	- .0333	2.3096	.9185	1.8993	- .1265	- .9341	
1 1 8	- .0339	2.5458	.9991	2.0710	- .1387	- 1.0462	
1 1 9	- .0345	2.7719	1.0745	2.2328	- .1503	- 1.1564	
1 1 10	- .0350	2.9881	1.1450	2.3855	- .1613	- 1.2645	
1 1 11	- .0355	3.1948	1.2108	2.5297	- .1716	- 1.3701	
1 1 12	- .0359	3.3921	1.2724	2.6660	- .1813	- 1.4733	
1 1 13	- .0363	3.5803	1.3300	2.7948	- .1905	- 1.5738	
1 2 0	.0024	.2408	.0951	.1899	- .0140	- .0927	
1 2 1	.0046	.4444	.1796	.3625	- .0255	- .1696	
1 2 2	.0003	.6540	.2683	.5451	- .0370	- .2487	
1 2 3	.0207	.8626	.3558	.7257	- .0482	- .3293	

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1 2 4	- .0232	1.0648	.4377	.8961	- .0591	- .4103				
1 2 5	- .0241	1.2585	.5132	1.0538	- .0695	- .4912				
1 2 6	- .0246	1.4435	.5827	1.1996	- .0794	- .5716				
1 2 7	- .0250	1.6201	.6466	1.3345	- .0888	- .6510				
1 2 8	- .0253	1.7885	.7057	1.4599	- .0976	- .7292				
1 2 9	- .0256	1.9490	.7604	1.5769	- .1059	- .8059				
1 2 10	- .0259	2.1020	.8111	1.6868	- .1137	- .8812				
1 2 11	- .0261	2.2477	.8581	1.7898	- .1211	- .9547				
1 2 12	- .0263	2.3864	.9018	1.8850	- .1280	- 1.0264				
1 2 13	- .0264	2.5134	.9425	1.9754	- .1345	- 1.0963				
2 1 0	.1153	- 3.1498	- 1.3710	- 2.8329	.1741	1.1580				
2 1 1	.1449	- 5.5944	- 2.3714	- 4.9013	.3091	2.1170				
2 1 2	.1679	- 8.0075	- 3.3213	- 6.8698	.4413	3.1042				
2 1 3	.1874	- 10.3819	- 4.2272	- 8.7543	.5700	4.1097				
2 1 4	.2042	- 12.7051	- 5.0899	- 10.5580	.6946	5.1238				
2 1 5	.2190	- 14.9676	- 5.9100	- 12.2830	.8146	6.1386				
2 1 6	.2321	- 17.1633	- 6.6885	- 13.9314	.9298	7.1484				
2 1 7	.2438	- 19.2883	- 7.4265	- 15.5055	1.0401	8.1489				
2 1 8	.2542	- 21.3403	- 8.1253	- 17.0076	1.1454	9.1365				
2 1 9	.2635	- 23.3181	- 8.7864	- 18.4400	1.2459	10.1085				
2 1 10	.2719	- 25.2213	- 9.4111	- 19.8051	1.3415	11.0629				
2 1 11	.2794	- 27.0500	- 10.0008	- 21.1052	1.4325	11.9980				
2 1 12	.2861	- 28.8049	- 10.5569	- 22.3426	1.5189	12.9123				
2 2 0	.0712	- 2.8429	- 1.1852	- 2.4542	.1562	1.0991				
2 2 1	.1051	- 5.0971	- 2.0863	- 4.3254	.2798	2.0115				
2 2 2	.1313	- 7.3453	- 2.9584	- 6.1428	.4011	2.9520				
2 2 3	.1533	- 9.5731	- 3.8006	- 7.9055	.5207	3.9114				
2 2 4	.1721	- 11.7641	- 4.6098	- 9.6079	.6372	4.8799				
2 2 5	.1886	- 13.9068	- 5.3844	- 11.2470	.7501	5.8502				
2 2 6	.2030	- 15.9934	- 6.1238	- 12.8214	.8590	6.8167				
2 2 7	.2159	- 18.0189	- 6.8281	- 14.3311	.9636	7.7750				
2 2 8	.2273	- 19.9799	- 7.4978	- 15.7768	1.0640	8.7218				
2 2 9	.2376	- 21.8743	- 8.1336	- 17.1596	1.1600	9.6543				
2 2 10	.2468	- 23.7011	- 8.7364	- 18.4809	1.2518	10.5706				
2 2 11	.2551	- 25.4599	- 9.3072	- 19.7422	1.3392	11.4690				
2 3 0	.0268	- 1.3140	- .5334	- 1.1073	.0717	.5246				
2 3 1	.0422	- 2.3664	- .9465	- 1.9692	.1288	.9606				
2 3 2	.0548	- 3.4223	- 1.3506	- 2.8153	.1855	1.4106				
2 3 3	.0656	- 4.4733	- 1.7440	- 3.6426	.2415	1.8700				
2 3 4	.0750	- 5.5108	- 2.1244	- 4.4467	.2964	2.3341				
2 3 5	.0833	- 6.5285	- 2.4904	- 5.2248	.3497	2.7995				
2 3 6	.0907	- 7.5223	- 2.8414	- 5.9753	.4013	3.2634				
2 3 7	.0972	- 8.4891	- 3.1769	- 6.6976	.4510	3.7237				
2 3 8	.1031	- 9.4272	- 3.4971	- 7.3913	.4989	4.1787				
2 3 9	.1084	- 10.3351	- 3.8020	- 8.0565	.5448	4.6271				
2 3 10	.1132	- 11.2122	- 4.0918	- 8.6937	.5888	5.0680				

a=.197	l=2						
2 4 0	.0073	- .4094	- .1629	- .3395	.0222	.1675	
2 4 1	.0119	- .7393	- .2905	- .6065	.0400	.3068	
2 4 2	.0158	- 1.0717	- .4162	- .8708	.0577	.4507	
2 4 3	.0192	- 1.4037	- .5383	- 1.1308	.0753	.5977	
2 4 4	.0222	- 1.7323	- .6577	- 1.3847	.0926	.7464	
2 4 5	.0249	- 2.0555	- .7730	- 1.6314	.1095	.8955	
2 4 6	.0273	- 2.3717	- .8839	- 1.8701	.1259	1.0442	
2 4 7	.0295	- 2.6800	- .9902	- 2.1005	.1417	1.1919	
2 4 8	.0315	- 2.9796	- 1.0944	- 2.3223	.1569	1.3380	
2 4 9	.0333	- 3.2700	- 1.1919	- 2.5356	.1716	1.4820	
2 5 0	.0015	- .0963	- .0376	- .0789	.0052	.0402	
2 5 1	.0026	- .1743	- .0675	- .1414	.0094	.0737	
2 5 2	.0035	- .2531	- .0970	- .2037	.0136	.1082	
2 5 3	.0043	- .3320	- .1260	- .2652	.0177	.1436	
2 5 4	.0050	- .4103	- .1543	- .3255	.0218	.1794	
2 5 5	.0057	- .4874	- .1817	- .3842	.0258	.2153	
2 5 6	.0062	- .5630	- .2082	- .4413	.0297	.2511	
2 5 7	.0068	- .6369	- .2336	- .4964	.0335	.2867	
2 5 8	.0073	- .7087	- .2581	- .5497	.0371	.3219	
2 6 0	.0003	- .0182	- .0070	- .0148	.0010	.0077	
2 6 1	.0005	- .0330	- .0126	- .0266	.0018	.0142	
2 6 2	.0006	- .0480	- .0182	- .0384	.0026	.0208	
2 6 3	.0008	- .0631	- .0237	- .0502	.0033	.0276	
2 6 4	.0009	- .0780	- .0290	- .0617	.0041	.0345	
2 6 5	.0010	- .0928	- .0343	- .0730	.0049	.0415	
2 6 6	.0011	- .1073	- .0393	- .0839	.0056	.0484	
2 6 7	.0013	- .1215	- .0442	- .0945	.0064	.0553	
2 7 0	.0000	- .0029	- .0011	- .0024	.0002	.0012	
2 7 1	.0001	- .0053	- .0020	- .0043	.0003	.0023	
2 7 2	.0001	- .0077	- .0029	- .0063	.0004	.0034	
2 7 3	.0001	- .0101	- .0037	- .0082	.0005	.0045	
2 7 4	.0001	- .0125	- .0046	- .0101	.0007	.0056	
2 7 5	.0002	- .0149	- .0054	- .0120	.0008	.0067	
2 7 6	.0002	- .0172	- .0062	- .0138	.0009	.0078	
3 0	1.1488	-204.343	-60.1554	-146.910	9.3274	119.457	
3 1	.3680	-63.2835	-18.7730	-45.5963	2.9031	36.7187	
3 2	.1844	-30.3947	- 9.0685	-21.9302	1.3997	17.5327	
4 1	27.0530	-5008.69	-1460.84	-3589.56	227.335	2953.01	
4 2	24.3893	-4646.66	-1345.42	-3322.64	209.939	2758.00	
4 3	5.5773	-1033.10	-311.805	-773.261	48.7513	646.326	
4 4	.5711	-112.583	-32.2516	-80.2766	5.0509	67.4919	
4 5	.0331	- 6.5999	- 1.8825	- 4.7011	.2952	3.9726	
4 6	.0012	- .2482	- .0705	- .1766	.0111	.1499	
4 7	.0000	- .0065	- .0019	- .0046	.0004	.0040	

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0 0 0	.1100	- 2.5502	- .8942	- 1.8134
0 0 1	.0424	- 2.7941	- .9009	- 1.8182
0 0 2	.0268	- 2.8356	- .8551	- 1.7202
0 0 3	.0194	- 2.8051	- .7997	- 1.6073
0 0 4	.0150	- 2.7412	- .7441	- 1.4978
0 0 5	.0120	- 2.6600	- .6910	- 1.3958
0 0 6	.0098	- 2.5695	- .6412	- 1.3018
0 0 7	.0081	- 2.4743	- .5947	- 1.2154
0 0 8	.0068	- 2.3768	- .5514	- 1.1357
0 0 9	.0058	- 2.2789	- .5111	- 1.0621
0 0 10	.0049	- 2.1815	- .4736	- .9938
0 0 11	.0041	- 2.0854	- .4386	- .9303
0 0 12	.0034	- 1.9909	- .4059	- .8709
0 0 13	.0029	- 1.8985	- .3753	- .8154
0 1 1	.0897	- 3.1645	- .9842	- 1.9849
0 1 2	.0413	- 3.2619	- .9678	- 1.9541
0 1 3	.0277	- 3.2560	- .9224	- 1.8654
0 1 4	.0207	- 3.2012	- .8685	- 1.7607
0 1 5	.0162	- 3.1204	- .8133	- 1.6546
0 1 6	.0132	- 3.0251	- .7595	- 1.5523
0 1 7	.0109	- 2.9216	- .7080	- 1.4556
0 1 8	.0091	- 2.8137	- .6593	- 1.3648
0 1 9	.0076	- 2.7038	- .6135	- 1.2798
0 1 10	.0064	- 2.5933	- .5703	- 1.2002
0 1 11	.0054	- 2.4835	- .5298	- 1.1256
0 1 12	.0046	- 2.3749	- .4917	- 1.0556
0 1 13	.0038	- 2.2681	- .4559	- .9898
0 2 2	.0782	- 3.4122	- .9868	- 1.9981
0 2 3	.0389	- 3.4398	- .9624	- 1.9552
0 2 4	.0270	- 3.4047	- .9195	- 1.8749
0 2 5	.0206	- 3.3352	- .8697	- 1.7804
0 2 6	.0164	- 3.2458	- .8181	- 1.6825
0 2 7	.0133	- 3.1446	- .7671	- 1.5860
0 2 8	.0111	- 3.0366	- .7177	- 1.4931
0 2 9	.0093	- 2.9247	- .6705	- 1.4046
0 2 10	.0078	- 2.8111	- .6256	- 1.3207
0 2 11	.0066	- 2.6970	- .5830	- 1.2414
0 2 12	.0056	- 2.5835	- .5427	- 1.1665
0 2 13	.0047	- 2.4712	- .5045	- 1.0956
0 3 3	.0705	- 3.5001	- .9602	- 1.9589
0 3 4	.0366	- 3.4894	- .9331	- 1.9119
0 3 5	.0259	- 3.4366	- .8932	- 1.8383
0 3 6	.0200	- 3.3585	- .8475	- 1.7527
0 3 7	.0161	- 3.2648	- .8000	- 1.6629
0 3 8	.0132	- 3.1615	- .7525	- 1.5731

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0 3 9	.0110	- 3.0525	- .7061	- 1.4855	
0 3 10	.0092	- 2.9402	- .6614	- 1.4011	
0 3 11	.0073	- 2.8264	- .6134	- 1.3203	
0 3 12	.0066	- 2.7123	- .5775	- 1.2433	
0 3 13	.0056	- 2.5986	- .5335	- 1.1701	
0 4 4	.0647	- 3.5026	- .9220	- 1.8979	
0 4 5	.0345	- 3.4692	- .9945	- 1.8500	
0 4 6	.0243	- 3.4056	- .9575	- 1.7321	
0 4 7	.0193	- 3.3227	- .9157	- 1.7039	
0 4 8	.0156	- 3.2273	- .7720	- 1.6214	
0 4 9	.0129	- 3.1241	- .7230	- 1.5380	
0 4 10	.0108	- 3.0161	- .6848	- 1.4559	
0 4 11	.0091	- 2.9052	- .6427	- 1.3761	
0 4 12	.0077	- 2.7930	- .6021	- 1.2991	
0 4 13	.0066	- 2.6806	- .5632	- 1.2252	
0 5 5	.0601	- 3.4543	- .8795	- 1.8274	
0 5 6	.0327	- 3.4074	- .8526	- 1.7801	
0 5 7	.0237	- 3.3375	- .8133	- 1.7171	
0 5 8	.0186	- 3.2523	- .7799	- 1.6452	
0 5 9	.0151	- 3.1570	- .7397	- 1.5690	
0 5 10	.0125	- 3.0551	- .6990	- 1.4916	
0 5 11	.0105	- 2.9492	- .6588	- 1.4147	
0 5 12	.0089	- 2.8403	- .6194	- 1.3394	
0 5 13	.0076	- 2.7313	- .5812	- 1.2663	
0 6 6	.0563	- 3.3761	- .8357	- 1.7530	
0 6 7	.0311	- 3.3201	- .8099	- 1.7071	
0 6 8	.0228	- 3.2466	- .7781	- 1.6434	
0 6 9	.0179	- 3.1609	- .7428	- 1.5819	
0 6 10	.0147	- 3.0667	- .7058	- 1.5113	
0 6 11	.0122	- 2.9671	- .6681	- 1.4392	
0 6 12	.0103	- 2.8638	- .6307	- 1.3672	
0 6 13	.0086	- 2.7535	- .5939	- 1.2962	
0 7 7	.0532	- 3.2730	- .7925	- 1.6779	
0 7 8	.0296	- 3.2169	- .7630	- 1.6336	
0 7 9	.0219	- 3.1413	- .7335	- 1.5787	
0 7 10	.0174	- 3.0566	- .7059	- 1.5169	
0 7 11	.0143	- 2.9644	- .6717	- 1.4513	
0 7 12	.0113	- 2.8674	- .6368	- 1.3840	
0 7 13	.0099	- 2.7673	- .6020	- 1.3165	
0 8 3	.0505	- 3.1630	- .7506	- 1.6035	
0 8 9	.0234	- 3.1040	- .7274	- 1.5610	
0 8 10	.0210	- 3.0236	- .7001	- 1.5095	
0 8 11	.0166	- 2.9447	- .6700	- 1.4520	
0 8 12	.0136	- 2.8549	- .6383	- 1.3908	
0 8 13	.0114	- 2.7610	- .6061	- 1.3279	
0 9 9	.0431	- 3.0510	- .7105	- 1.5303	

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0 9 12	.0160	- 2.8239	- .6355	- 1.3830	
0 9 13	.0132	- 2.7413	- .6061	- 1.3309	
0 10 10	.0461	- 2.9303	- .6723	- 1.4603	
0 10 11	.0261	- 2.8643	- .6520	- 1.4216	
0 10 12	.0194	- 2.7912	- .6233	- 1.3761	
0 10 13	.0155	- 2.7115	- .6024	- 1.3257	
0 11 11	.0442	- 2.8084	- .6363	- 1.3924	
0 11 12	.0251	- 2.7434	- .6171	- 1.3556	
0 11 13	.0133	- 2.6715	- .5950	- 1.3126	
0 12 12	.0425	- 2.6863	- .6022	- 1.3272	
0 12 13	.0243	- 2.6229	- .5841	- 1.2921	
0 13 13	.0411	- 2.5663	- .5700	- 1.2647	
1 0 0	-.0390	3.7091	.9932	2.0641	
1 0 1	-.0433	4.3010	1.1240	2.3437	
1 0 2	-.0411	4.5530	1.1598	2.4277	
1 0 3	-.0353	4.6593	1.1577	2.4336	
1 0 4	-.0308	4.6356	1.1369	2.4008	
1 0 5	-.0272	4.6623	1.1059	2.3470	
1 0 6	-.0243	4.6063	1.0693	2.2314	
1 0 7	-.0213	4.5277	1.0295	2.2090	
1 0 8	-.0197	4.4331	.9880	2.1323	
1 0 9	-.0178	4.3271	.9459	2.0550	
1 0 10	-.0162	4.2130	.9038	1.9765	
1 0 11	-.0147	4.0930	.8620	1.8933	
1 0 12	-.0134	3.9690	.8208	1.8210	
1 0 13	-.0122	3.8422	.7805	1.7447	
1 1 0	.0130	2.0003	.4220	.8999	
1 1 1	.0027	2.4011	.5301	1.1368	
1 1 2	.0247	2.6113	.5901	1.2709	
1 1 3	.0237	2.7237	.6216	1.3443	
1 1 4	.0216	2.7902	.6353	1.3792	
1 1 5	.0197	2.8149	.6374	1.3391	
1 1 6	.0179	2.8139	.6320	1.3322	
1 1 7	.0163	2.7943	.6213	1.3641	
1 1 8	.0149	2.7610	.6071	1.3331	
1 1 9	.0136	2.7172	.5905	1.3063	
1 1 10	.0125	2.6654	.5721	1.2718	
1 1 11	.0115	2.6075	.5527	1.2342	
1 1 12	.0105	2.5443	.5325	1.1950	
1 1 13	.0097	2.4736	.5119	1.1547	
1 2 0	.0159	1.0304	.1262	.3042	
1 2 1	.0195	1.2314	.1909	.4512	
1 2 2	.0107	1.4436	.2463	.5741	
1 2 3	-.0134	1.5570	.2903	.6706	

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1	2	5	-	.0145	1.6372	.3440	.7333
1	2	6	-	.0137	1.7191	.3573	.3135
1	2	7	-	.0128	1.7355	.3659	.3354
1	2	8	-	.0120	1.7393	.3691	.3422
1	2	9	-	.0111	1.7345	.3637	.3414
1	2	10	-	.0103	1.7215	.3657	.3348
1	2	11	-	.0096	1.7021	.3606	.3238
1	2	12	-	.0089	1.6777	.3539	.3094
1	2	13	-	.0083	1.6491	.3459	.2925
2	1	0		.1100	- 8.2125	- 2.1974	- 4.5881
2	1	1		.0941	- 9.4990	- 2.4609	- 5.1539
2	1	2		.0816	-10.0511	- 2.5303	- 5.3195
2	1	3		.0720	-10.2900	- 2.5251	- 5.3296
2	1	4		.0642	-10.3563	- 2.4819	- 5.2626
2	1	5		.0577	-10.3150	- 2.4179	- 5.1529
2	1	6		.0522	-10.2020	- 2.3420	- 5.0133
2	1	7		.0474	-10.0390	- 2.2593	- 4.8690
2	1	8		.0432	- 9.8405	- 2.1728	- 4.7110
2	1	9		.0394	- 9.6162	- 2.0845	- 4.5484
2	1	10		.0360	- 9.3732	- 1.9958	- 4.3838
2	1	11		.0330	- 9.1166	- 1.9076	- 4.2189
2	1	12		.0302	- 3.8503	- 1.8204	- 4.0549
2	2	0		.0633	- 6.1870	- 1.5712	- 3.3138
2	2	1		.0614	- 7.2063	- 1.7371	- 3.7323
2	2	2		.0563	- 7.6696	- 1.8610	- 3.9550
2	2	3		.0522	- 7.8917	- 1.3764	- 4.0049
2	2	4		.0480	- 7.9731	- 1.3610	- 3.9905
2	2	5		.0441	- 7.9735	- 1.3277	- 3.9331
2	2	6		.0406	- 7.9204	- 1.7331	- 3.8619
2	2	7		.0375	- 7.8208	- 1.7315	- 3.7702
2	2	8		.0346	- 7.6908	- 1.6754	- 3.6634
2	2	9		.0319	- 7.5384	- 1.6165	- 3.5601
2	2	10		.0295	- 7.3692	- 1.5560	- 3.4476
2	2	11		.0273	- 7.1873	- 1.4943	- 3.3326
2	3	0		.0226	- 2.5699	- .6326	- 1.3446
2	3	1		.0232	- 3.0038	- .7250	- 1.5470
2	3	2		.0222	- 3.2063	- .7599	- 1.6230
2	3	3		.0209	- 3.3037	- .7705	- 1.6579
2	3	4		.0195	- 3.3533	- .7630	- 1.6602
2	3	5		.0182	- 3.3613	- .7577	- 1.6456
2	3	6		.0170	- 3.3440	- .7423	- 1.6201
2	3	7		.0153	- 3.3036	- .7236	- 1.5374
2	3	8		.0147	- 3.2593	- .7026	- 1.5497
2	3	9		.0137	- 3.2011	- .6802	- 1.5035
2	3	10		.0127	- 3.1347	- .6563	- 1.4650

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2	4	1		.0062	- .8675	- .2053	- .4403
2	4	2		.0061	- .9230	- .2161	- .4658
2	4	3		.0058	- .9593	- .2200	- .4762
2	4	4		.0055	- .9739	- .2200	- .4784
2	4	5		.0052	- .9773	- .2177	- .4757
2	4	6		.0049	- .9743	- .2140	- .4696
2	4	7		.0046	- .9653	- .2091	- .4613
2	4	8		.0043	- .9524	- .2036	- .4514
2	4	9		.0040	- .9365	- .1976	- .4404
2	5	0		.0012	- .1637	- .0337	- .0333
2	5	1		.0013	- .1921	- .0443	- .0966
2	5	2		.0013	- .2058	- .0473	- .1024
2	5	3		.0012	- .2130	- .0432	- .1050
2	5	4		.0012	- .2166	- .0434	- .1053
2	5	5		.0011	- .2177	- .0430	- .1054
2	5	6		.0011	- .2172	- .0473	- .1043
2	5	7		.0010	- .2154	- .0463	- .1026
2	5	8		.0010	- .2123	- .0452	- .1006
2	6	0		.0002	- .0294	- .0069	- .0149
2	6	1		.0002	- .0345	- .0079	- .0174
2	6	2		.0002	- .0370	- .0084	- .0135
2	6	3		.0002	- .0334	- .0036	- .0190
2	6	4		.0002	- .0391	- .0036	- .0192
2	6	5		.0002	- .0393	- .0036	- .0192
2	6	6		.0002	- .0392	- .0035	- .0190
2	6	7		.0002	- .0390	- .0033	- .0133
3	0			.0440	- 6.5320	- 1.5024	- 3.2663
3	1			.0224	- 2.5094	- .5295	- 1.2033
3	2			.0209	- 1.1430	- .2528	- .5900
4	1			.2137	-32.3040	- 7.3116	-16.0366
4	2			.1036	-19.6603	- 4.2155	- 9.4450
4	3			.0163	- 3.5496	- .7390	- 1.6786
4	4			.0014	- .3051	- .0623	- .1429
4	5			.0001	- .0153	- .0031	- .0071
4	6			.0000	- .0005	- .0001	- .0003

a=.168

l=1

0 0 0	.0754	.5301	-.0058	.0898	-.0776	-.0012
0 0 1	.0238	.7374	-.0179	.0927	-.1193	-.0019
0 0 2	.0135	.9586	-.0263	.0856	-.1524	-.0024
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0 0 4	.0068	1.2638	-.0341	.0637	-.2019	-.0035
0 0 5	.0053	1.4003	-.0354	.0612	-.2205	-.0041
0 0 6	.0044	1.5272	-.0357	.0549	-.2358	-.0046
0 0 7	.0036	1.6433	-.0354	.0496	-.2485	-.0052
0 0 8	.0031	1.7495	-.0346	.0450	-.2589	-.0057
0 0 9	.0027	1.8462	-.0336	.0410	-.2674	-.0062
0 0 10	.0024	1.9341	-.0325	.0376	-.2742	-.0067
0 0 11	.0021	2.0137	-.0312	.0347	-.2796	-.0072
0 0 12	.0018	2.0856	-.0299	.0321	-.2837	-.0077
0 0 13	.0016	2.1504	-.0286	.0298	-.2868	-.0081
0 1 1	.0678	1.1882	-.0271	.1158	-.1817	-.0030
0 1 2	.0270	1.4867	-.0363	.1173	-.2312	-.0039
0 1 3	.0163	1.7401	-.0433	.1105	-.2719	-.0048
0 1 4	.0120	1.9680	-.0430	.1018	-.3058	-.0057
0 1 5	.0092	2.1770	-.0506	.0923	-.3342	-.0066
0 1 6	.0074	2.3692	-.0518	.0845	-.3579	-.0074
0 1 7	.0061	2.5459	-.0519	.0770	-.3777	-.0083
0 1 8	.0052	2.7080	-.0514	.0704	-.3941	-.0091
0 1 9	.0044	2.8561	-.0503	.0646	-.4076	-.0099
0 1 10	.0039	2.9911	-.0489	.0595	-.4185	-.0106
0 1 11	.0034	3.1138	-.0473	.0550	-.4273	-.0114
0 1 12	.0030	3.2250	-.0456	.0510	-.4342	-.0121
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0 2 2	.0627	1.9030	-.0442	.1296	-.2935	-.0052
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0 2 4	.0183	2.5573	-.0567	.1243	-.3879	-.0077
0 2 5	.0135	2.8230	-.0605	.1163	-.4242	-.0088
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0 2 8	.0073	3.5031	-.0634	.0917	-.5020	-.0120
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0 3 5	.0191	3.3953	-.0672	.1323	-.4988	-.0109
0 3 6	.0145	3.6922	-.0701	.1256	-.5352	-.0122
0 3 7	.0116	3.9613	-.0718	.1176	-.5661	-.0135
0 3 8	.0096	4.2033	-.0723	.1097	-.5921	-.0147

a=.168

l=1

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0 3 12	.0053	5.0010	-.0678	.0829	-.6589	-.0193
0 3 13	.0047	5.1570	-.0658	.0776	-.6683	-.0203
0 4 4	.0557	3.5085	-.0679	.1432	-.5132	-.0112
0 4 5	.0279	3.8959	-.0721	.1427	-.5619	-.0128
0 4 6	.0195	4.2403	-.0753	.1383	-.6035	-.0144
0 4 7	.0150	4.5507	-.0776	.1319	-.6389	-.0159
0 4 8	.0122	4.8330	-.0787	.1247	-.6690	-.0173
0 4 9	.0102	5.0908	-.0790	.1172	-.6944	-.0186
0 4 10	.0087	5.3266	-.0785	.1100	-.7157	-.0199
0 4 11	.0075	5.5421	-.0774	.1032	-.7333	-.0212
0 4 12	.0066	5.7388	-.0758	.0969	-.7477	-.0224
0 4 13	.0058	5.9178	-.0739	.0910	-.7592	-.0235
0 5 5	.0532	4.3374	-.0760	.1467	-.6157	-.0147
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0 5 7	.0197	5.0790	-.0817	.1421	-.7014	-.0181
0 5 8	.0154	5.3954	-.0833	.1364	-.7351	-.0197
0 5 9	.0126	5.6830	-.0841	.1298	-.7638	-.0212
0 5 10	.0106	5.9456	-.0841	.1229	-.7881	-.0226
0 5 11	.0090	6.1854	-.0834	.1161	-.8083	-.0240
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0 6 7	.0272	5.5533	-.0847	.1483	-.7552	-.0202
0 6 8	.0197	5.9030	-.0866	.1449	-.7923	-.0219
0 6 9	.0156	6.2195	-.0878	.1398	-.8240	-.0235
0 6 10	.0128	6.5073	-.0882	.1337	-.8510	-.0251
0 6 11	.0108	6.7697	-.0880	.1274	-.8737	-.0266
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0 7 8	.0267	6.3611	-.0890	.1500	-.8419	-.0240
0 7 9	.0196	6.7059	-.0904	.1469	-.8764	-.0258
0 7 10	.0156	7.0183	-.0911	.1423	-.9059	-.0274
0 7 11	.0128	7.3023	-.0913	.1368	-.9309	-.0290
0 7 12	.0108	7.5610	-.0909	.1309	-.9520	-.0305
0 7 13	.0092	7.7967	-.0899	.1249	-.9694	-.0319
0 8 8	.0474	6.7741	-.0908	.1520	-.8348	-.0260
0 8 9	.0262	7.1464	-.0922	.1512	-.89219	-.0279
0 8 10	.0193	7.4830	-.0932	.1485	-.9388	-.0296
0 8 11	.0154	7.7880	-.0936	.1443	-.9810	-.0313
0 8 12	.0127	8.0653	-.0936	.1393	-1.0040	-.0329
0 8 13	.0107	8.3175	-.0930	.1338	-1.0232	-.0344
0 9 9	.0458	7.5448	-.0936	.1529	-.9613	-.0298

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0 9 10	.0255	7.9049	-.0246 .1522 -.9954 -.0317
0 9 11	.0189	8.2308	-.0952 .1497 -1.0247 -.0334
0 9 12	.0151	8.5262	-.0954 .1459 -1.0496 -.0351
0 9 13	.0126	8.7945	-.0952 .1413 -1.0705 -.0366
0 10 10	.0441	3.2372	-.0956 .1536 -1.0315 -.0336
0 10 11	.0248	8.6334	-.0963 .1529 -1.0627 -.0355
0 10 12	.0186	8.9468	-.0967 .1506 -1.0894 -.0372
0 10 13	.0152	9.2310	-.0966 .1472 -1.1120 -.0388
0 11 11	.0423	3.9987	-.0970 .1541 -1.0957 -.0373
0 11 12	.0246	9.3298	-.0975 .1535 -1.1241 -.0391
0 11 13	.0189	9.6296	-.0976 .1514 -1.1483 -.0407
0 12 12	.0422	9.6775	-.0979 .1545 -1.1540 -.0409
0 12 13	.0247	9.9926	-.0981 .1539 -1.1798 -.0426
0 13 13	.0415	10.3223	-.0984 .1624 -1.2069 -.0443
1 0 0	-.0313	-11.9663	.0960 -.2016 1.2340 .0458
1 0 1	-.0504	-18.5713	.1450 -.2909 1.9027 .0713
1 0 2	-.0489	-24.1105	.1337 -.3520 2.4544 .0929
1 0 3	-.0472	-28.9844	.2151 -.3967 2.9313 .1121
1 0 4	-.0453	-33.3654	.2409 -.4303 3.3513 .1295
1 0 5	-.0446	-37.3505	.2621 -.4576 3.7267 .1454
1 0 6	-.0435	-41.0021	.2794 -.4790 4.0631 .1601
1 0 7	-.0425	-44.3642	.2936 -.4965 4.3663 .1736
1 0 8	-.0415	-47.4693	.3050 -.5103 4.6402 .1862
1 0 9	-.0406	-50.3444	.3142 -.5227 4.8830 .1979
1 0 10	-.0393	-53.0090	.3214 -.5325 5.1123 .2038
1 0 11	-.0389	-55.4807	.3269 -.5407 5.3153 .2139
1 0 12	-.0381	-57.7742	.3310 -.5475 5.4988 .2232
1 0 13	-.0372	-59.9022	.3338 -.5530 5.6644 .2370
1 1 0	.0039	-7.8696	.0660 -.1015 .8175 .0304
1 1 1	.0087	-12.2534	.0963 -.1619 1.2597 .0475
1 1 2	.0321	-15.9393	.1195 -.2095 1.6246 .0619
1 1 3	.0329	-19.1793	.1390 -.2462 1.9401 .0747
1 1 4	.0322	-22.0854	.1557 -.2745 2.2185 .0863
1 1 5	.0314	-24.7246	.1699 -.2965 2.4670 .0968
1 1 6	.0305	-27.1404	.1819 -.3140 2.6902 .1066
1 1 7	.0297	-29.3631	.1919 -.3278 2.8915 .1156
1 1 8	.0289	-31.4153	.2001 -.3390 3.0735 .1239
1 1 9	.0282	-33.3146	.2063 -.3481 3.2383 .1317
1 1 10	.0275	-35.0748	.2122 -.3554 3.3875 .1339
1 1 11	.0268	-36.7075	.2164 -.3614 3.5225 .1455
1 1 12	.0262	-38.2225	.2196 -.3663 3.6447 .1518
1 1 13	.0255	-39.6281	.2219 -.3701 3.7550 .1575
1 2 0	.0052	-6.0926	.0479 -.0543 .6270 .0239
1 2 1	.0032	-9.4845	.0709 -.0938 .9667 .0373
1 2 2	.0014	-12.3496	.0879 -.1303 1.2473 .0486
1 2 3	.0225	-14.8762	.1016 -.1634 1.4904 .0587

a=.168	l=1		
1 2 4	-.0246	-17.1439	.1135 -.1905 1.7053 .0677
1 2 5	-.0247	-19.2016	.1241 -.2126 1.8975 .0760
1 2 6	-.0243	-21.0830	.1334 -.2303 2.0706 .0836
1 2 7	-.0238	-22.8126	.1415 -.2446 2.2270 .0906
1 2 8	-.0233	-24.4087	.1485 -.2560 2.3688 .0971
1 2 9	-.0227	-25.8853	.1544 -.2653 2.4975 .1031
1 2 10	-.0221	-27.2538	.1592 -.2729 2.6142 .1087
1 2 11	-.0216	-28.5233	.1632 -.2789 2.7202 .1138
1 2 12	-.0211	-29.7016	.1663 -.2839 2.8162 .1186
1 2 13	-.0205	-30.7951	.1688 -.2878 2.9031 .1231
2 1 0	.1047	36.1564	-.2652 .5536 -3.6460 -.1392
2 1 1	.1138	56.0928	-.4057 .7956 -5.6269 -.2167
2 1 2	.1174	72.8445	-.5160 .9682 -7.2650 -.2822
2 1 3	.1189	87.6051	-.6057 1.1005 -8.6841 -.3403
2 1 4	.1193	100.885	-.6795 1.2059 -9.9382 -.3928
2 1 5	.1191	112.974	-.7407 1.2918 -11.0589 -.4408
2 1 6	.1184	124.057	-.7916 1.3630 -12.0672 -.4850
2 1 7	.1175	134.267	-.8337 1.4227 -12.9781 -.5259
2 1 8	.1163	143.703	-.8685 1.4732 -13.8032 -.5637
2 1 9	.1149	152.443	-.8969 1.5160 -14.5518 -.5988
2 1 10	.1134	160.550	-.9200 1.5525 -15.2312 -.6314
2 1 11	.1118	168.075	-.9384 1.5836 -15.8479 -.6617
2 1 12	.1102	175.063	-.9527 1.6100 -16.4071 -.6898
2 2 0	.0640	33.7013	-.2317 .4478 -3.3362 -.1305
2 2 1	.0806	52.3350	-.3527 .6596 -5.1522 -.2032
2 2 2	.0893	68.0071	-.4482 .8180 -6.6570 -.2646
2 2 3	.0946	81.8236	-.5268 .9437 -7.9632 -.3189
2 2 4	.0978	94.2595	-.5924 1.0466 -9.1202 -.3679
2 2 5	.0998	105.584	-.6476 1.1324 -10.1564 -.4127
2 2 6	.1009	115.971	-.6942 1.2049 -11.0908 -.4539
2 2 7	.1014	125.544	-.7334 1.2667 -11.9370 -.4919
2 2 8	.1014	134.396	-.7664 1.3197 -12.7054 -.5270
2 2 9	.1011	142.600	-.7939 1.3654 -13.4042 -.5596
2 2 10	.1006	150.214	-.8167 1.4049 -14.0401 -.5899
2 2 11	.0998	157.287	-.8354 1.4390 -14.6188 -.6179
2 3 0	.0239	15.8999	-.1040 .1947 -1.5524 -.0618
2 3 1	.0320	24.7010	-.1582 .2901 -2.3987 -.0961
2 3 2	.0367	32.1077	-.2012 .3630 -3.1009 -.1251
2 3 3	.0399	38.6404	-.2367 .4221 -3.7113 -.1507
2 3 4	.0420	44.5226	-.2667 .4712 -4.2527 -.1739
2 3 5	.0434	49.8809	-.2920 .5127 -4.7384 -.1950
2 3 6	.0444	54.7976	-.3136 .5482 -5.1770 -.2143
2 3 7	.0450	59.3310	-.3320 .5788 -5.5748 -.2322
2 3 8	.0453	63.5246	-.3476 .6053 -5.9366 -.2488
2 3 9	.0455	67.4127	-.3607 .6283 -6.2662 -.2641
2 3 10	.0455	71.0228	-.3718 .6484 -6.5667 -.2788

a=.168	l=1							
2 4 0	.0065	5.0316	-.0315	.0581	-.4857	-.0196		
2 4 1	.0089	7.8187	-.0480	.0872	-.7508	-.0304		
2 4 2	.0105	10.1652	-.0611	.1093	-.9710	-.0396		
2 4 3	.0115	12.2356	-.0720	.1283	-1.1626	-.0477		
2 4 4	.0123	14.1005	-.0812	.1439	-1.3328	-.0550		
2 4 5	.0128	15.7998	-.0891	.1572	-1.4856	-.0617		
2 4 6	.0132	17.3597	-.0958	.1686	-1.6237	-.0678		
2 4 7	.0135	18.7983	-.1016	.1786	-1.7492	-.0735		
2 4 8	.0137	20.1296	-.1065	.1873	-1.8685	-.0787		
2 4 9	.0138	21.3644	-.1107	.1949	-1.9677	-.0835		
2 5 0	.0014	1.1991	-.0073	.0133	-.1146	-.0047		
2 5 1	.0019	1.8636	-.0110	.0200	-.1772	-.0073		
2 5 2	.0023	2.4232	-.0141	.0253	-.2293	-.0094		
2 5 3	.0026	2.9172	-.0166	.0297	-.2747	-.0114		
2 5 4	.0027	3.3622	-.0187	.0334	-.3150	-.0131		
2 5 5	.0029	3.7679	-.0206	.0366	-.3512	-.0147		
2 5 6	.0030	4.1404	-.0222	.0393	-.3840	-.0161		
2 5 7	.0031	4.4840	-.0235	.0417	-.4138	-.0175		
2 5 8	.0031	4.8021	-.0247	.0439	-.4410	-.0187		
2 6 0	.0002	.2293	-.0013	.0025	-.0217	-.0009		
2 6 1	.0003	.3564	-.0020	.0038	-.0336	-.0014		
2 6 2	.0004	.4635	-.0026	.0048	-.0435	-.0018		
2 6 3	.0005	.5580	-.0031	.0057	-.0521	-.0022		
2 6 4	.0005	.6432	-.0035	.0064	-.0598	-.0025		
2 6 5	.0005	.7209	-.0038	.0071	-.0667	-.0028		
2 6 6	.0005	.7928	-.0041	.0076	-.0729	-.0031		
2 6 7	.0006	.8581	-.0044	.0081	-.0786	-.0033		
3 0	.1774	390.581	-1.3679	3.0260	-31.5976	-1.3287		
3 1	.0794	170.377	-.5976	1.3052	-13.8332	-.5845		
3 2	.0522	103.090	-.3501	.7771	-8.3334	-.3552		
4 1	1.4300	3683.68	-11.8451	27.0556	-288.798	-12.1753		
4 2	1.1094	3222.67	-9.8856	23.2445	-252.337	-10.6450		
4 3	.2331	727.805	-2.1405	5.1558	-56.3828	-2.3753		
4 4	.0224	73.7633	-.2098	.5159	-5.6652	-.2382		
4 5	.0012	4.2330	-.0117	.0293	-.3227	-.0135		
4 6	.0000	.1562	-.0004	.0013	-.0119	-.0005		

a=.168	l=2							
0 0 0	.0604	-.0535	-.0474	-.1005	.0020	.0017		
0 0 1	.0161	-.0608	-.0511	-.1101	.0029	.0027		
0 0 2	.0081	-.0614	-.0490	-.1053	.0034	.0035		
0 0 3	.0050	-.0603	-.0457	-.0970	.0036	.0042		
0 0 4	.0034	-.0587	-.0424	-.0895	.0038	.0048		
0 0 5	.0025	-.0570	-.0395	-.0808	.0038	.0053		
0 0 6	.0019	-.0554	-.0368	-.0739	.0038	.0058		
0 0 7	.0015	-.0538	-.0345	-.0680	.0038	.0062		
0 0 8	.0013	-.0522	-.0324	-.0628	.0037	.0066		
0 0 9	.0011	-.0508	-.0305	-.0582	.0036	.0069		
0 0 10	.0009	-.0494	-.0288	-.0543	.0035	.0072		
0 0 11	.0008	-.0480	-.0272	-.0507	.0034	.0075		
0 0 12	.0007	-.0467	-.0258	-.0476	.0032	.0077		
0 0 13	.0006	-.0454	-.0245	-.0449	.0031	.0080		
0 1 1	.0560	-.0870	-.0713	-.1517	.0043	.0045		
0 1 2	.0194	-.0970	-.0765	-.1621	.0053	.0060		
0 1 3	.0109	-.1000	-.0755	-.1588	.0059	.0072		
0 1 4	.0071	-.1000	-.0723	-.1502	.0063	.0083		
0 1 5	.0051	-.0987	-.0685	-.1403	.0065	.0093		
0 1 6	.0039	-.0969	-.0647	-.1304	.0065	.0102		
0 1 7	.0031	-.0949	-.0612	-.1212	.0065	.0110		
0 1 8	.0025	-.0927	-.0578	-.1128	.0064	.0117		
0 1 9	.0021	-.0906	-.0547	-.1053	.0063	.0123		
0 1 10	.0017	-.0884	-.0519	-.0986	.0061	.0129		
0 1 11	.0015	-.0863	-.0493	-.0925	.0060	.0135		
0 1 12	.0013	-.0842	-.0468	-.0871	.0058	.0140		
0 1 13	.0012	-.0823	-.0446	-.0822	.0056	.0144		
0 2 2	.0528	-.1194	-.0919	-.1929	.0067	.0081		
0 2 3	.0208	-.1304	-.0973	-.2027	.0077	.0100		
0 2 4	.0125	-.1349	-.0971	-.2005	.0083	.0117		
0 2 5	.0086	-.1360	-.0943	-.1926	.0087	.0131		
0 2 6	.0064	-.1353	-.0906	-.1826	.0089	.0145		
0 2 7	.0050	-.1337	-.0865	-.1720	.0090	.0157		
0 2 8	.0040	-.1316	-.0824	-.1617	.0090	.0167		
0 2 9	.0033	-.1293	-.0785	-.1520	.0089	.0177		
0 2 10	.0028	-.1268	-.0748	-.1430	.0087	.0186		
0 2 11	.0024	-.1242	-.0713	-.1349	.0085	.0194		
0 2 12	.0020	-.1217	-.0680	-.1274	.0083	.0202		
0 2 13	.0018	-.1192	-.0650	-.1206	.0081	.0209		
0 3 3	.0503	-.1506	-.1102	-.2275	.0090	.0125		
0 3 4	.0215	-.1620	-.1153	-.2864	.0100	.0147		
0 3 5	.0136	-.1675	-.1156	-.2351	.0106	.0167		
0 3 6	.0097	-.1695	-.1133	-.2281	.0110	.0185		
0 3 7	.0073	-.1694	-.1097	-.2184	.0112	.0202		
0 3 8	.0058	-.1681	-.1056	-.2077	.0113	.0216		

a=.168		l=2					
0 3 9	.0047	-.1662	-.1013	-.1970	.0113	.0230	
0 3 10	.0039	-.1638	-.0971	-.1867	.0111	.0242	
0 3 11	.0038	-.1613	-.0929	-.1769	.0110	.0254	
0 3 12	.0029	-.1585	-.0890	-.1678	.0108	.0264	
0 3 13	.0025	-.1556	-.0852	-.1593	.0105	.0273	
0 4 4	.0481	-.1808	-.1265	-.2574	.0112	.0175	
0 4 5	.0219	-.1922	-.1314	-.2655	.0121	.0200	
0 4 6	.0143	-.1983	-.1319	-.2647	.0127	.0223	
0 4 7	.0104	-.2009	-.1300	-.2585	.0131	.0244	
0 4 8	.0081	-.2014	-.1266	-.2494	.0133	.0263	
0 4 9	.0065	-.2005	-.1225	-.2390	.0134	.0281	
0 4 10	.0053	-.1989	-.1182	-.2283	.0134	.0296	
0 4 11	.0045	-.1966	-.1137	-.2176	.0132	.0311	
0 4 12	.0039	-.1939	-.1094	-.2074	.0130	.0324	
0 4 13	.0034	-.1909	-.1051	-.1977	.0128	.0337	
0 5 5	.0464	-.2093	-.1412	-.2836	.0133	.0231	
0 5 6	.0220	-.2211	-.1457	-.2911	.0141	.0259	
0 5 7	.0148	-.2276	-.1465	-.2907	.0147	.0284	
0 5 8	.0110	-.2307	-.1443	-.2852	.0151	.0307	
0 5 9	.0087	-.2318	-.1416	-.2767	.0153	.0329	
0 5 10	.0071	-.2313	-.1377	-.2668	.0153	.0349	
0 5 11	.0059	-.2297	-.1333	-.2562	.0153	.0367	
0 5 12	.0051	-.2275	-.1288	-.2455	.0152	.0383	
0 5 13	.0044	-.2248	-.1243	-.2351	.0150	.0398	
0 6 6	.0448	-.2377	-.1545	-.3070	.0152	.0291	
0 6 7	.0220	-.2488	-.1586	-.3139	.0160	.0321	
0 6 8	.0151	-.2557	-.1595	-.3138	.0165	.0349	
0 6 9	.0115	-.2592	-.1581	-.3089	.0169	.0375	
0 6 10	.0092	-.2605	-.1551	-.3011	.0171	.0398	
0 6 11	.0076	-.2603	-.1513	-.2916	.0171	.0420	
0 6 12	.0065	-.2589	-.1470	-.2813	.0171	.0440	
0 6 13	.0056	-.2568	-.1425	-.2707	.0169	.0458	
0 7 7	.0435	-.2647	-.1666	-.3282	.0170	.0356	
0 7 8	.0220	-.2756	-.1705	-.3345	.0177	.0383	
0 7 9	.0154	-.2824	-.1714	-.3346	.0182	.0418	
0 7 10	.0119	-.2862	-.1701	-.3303	.0186	.0445	
0 7 11	.0097	-.2878	-.1673	-.3230	.0188	.0470	
0 7 12	.0081	-.2878	-.1637	-.3140	.0188	.0494	
0 7 13	.0070	-.2867	-.1595	-.3041	.0187	.0515	
0 8 8	.0424	-.2906	-.1777	-.3474	.0186	.0424	
0 8 9	.0220	-.3012	-.1813	-.3533	.0193	.0458	
0 8 10	.0157	-.3080	-.1822	-.3536	.0198	.0489	
0 8 11	.0124	-.3120	-.1810	-.3497	.0201	.0518	
0 8 12	.0101	-.3138	-.1784	-.3430	.0203	.0545	
0 8 13	.0085	-.3140	-.1749	-.3345	.0204	.0570	
0 9 9	.0414	-.3155	-.1878	-.3651	.0202	.0496	

a=.168		l=2					
0 9 10	.0221	-.3257	-.1912	-.3706	.0208	.0531	
0 9 11	.0160	-.3326	-.1921	-.3710	.0213	.0564	
0 9 12	.0125	-.3366	-.1910	-.3675	.0216	.0594	
0 9 13	.0101	-.3386	-.1885	-.3612	.0218	.0622	
0 10 10	.0406	-.3394	-.1972	-.3814	.0217	.0570	
0 10 11	.0218	-.3493	-.2003	-.3866	.0223	.0606	
0 10 12	.0157	-.3561	-.2011	-.3870	.0227	.0640	
0 10 13	.0122	-.3602	-.2001	-.3839	.0230	.0672	
0 11 11	.0394	-.3624	-.2058	-.3965	.0230	.0646	
0 11 12	.0212	-.3720	-.2087	-.4014	.0236	.0683	
0 11 13	.0153	-.3786	-.2095	-.4019	.0240	.0718	
0 12 12	.0381	-.3844	-.2138	-.4106	.0243	.0724	
0 12 13	.0207	-.3937	-.2165	-.4152	.0249	.0762	
0 13 13	.0373	-.4056	-.2211	-.4238	.0255	.0804	
1 0 0	.0262	.6716	.8050	.6301	-.0373	-.2344	
1 0 1	.0500	1.2033	.5345	1.1032	-.0669	-.4310	
1 0 2	.0536	1.7324	.7535	1.5547	-.0968	-.6354	
1 0 3	.0568	2.2576	.9686	1.9884	-.1253	-.8457	
1 0 4	.0600	2.7767	1.1654	2.4060	-.1538	-1.0601	
1 0 5	.0629	3.2879	1.3595	2.8086	-.1816	-1.2768	
1 0 6	.0658	3.7899	1.5460	3.1969	-.2087	-1.4947	
1 0 7	.0684	4.2817	1.7252	3.5718	-.2350	-1.7130	
1 0 8	.0709	4.7627	1.8974	3.9337	-.2605	-1.9307	
1 0 9	.0733	5.2324	2.0627	4.2830	-.2851	-2.1474	
1 0 10	.0754	5.6904	2.2215	4.6203	-.3090	-2.3626	
1 0 11	.0774	6.1366	2.3738	4.9459	-.3320	-2.5758	
1 0 12	.0793	6.5708	2.5199	5.2601	-.3542	-2.7867	
1 0 13	.0810	6.9931	2.6600	5.5633	-.3757	-2.9950	
1 1 0	.0020	.3661	.1606	.3295	-.0210	-.1301	
1 1 1	.0090	.6680	.2930	.6011	-.0377	-.2393	
1 1 2	.0335	.9718	.4230	.8683	-.0545	-.3528	
1 1 3	.0365	1.2728	.5474	1.1246	-.0711	-.4695	
1 1 4	.0380	1.5686	.6656	1.3633	-.0873	-.5834	
1 1 5	.0393	1.8583	.7779	1.6015	-.1031	-.7086	
1 1 6	.0405	2.1415	.8848	1.8237	-.1185	-.8294	
1 1 7	.0416	2.4178	.9867	2.0363	-.1333	-.9502	
1 1 8	.0426	2.6871	1.0839	2.2400	-.1477	-1.0707	
1 1 9	.0437	2.9493	1.1768	2.4355	-.1616	-1.1906	
1 1 10	.0446	3.2045	1.2655	2.6234	-.1749	-1.3095	
1 1 11	.0455	3.4525	1.3503	2.8040	-.1878	-1.4274	
1 1 12	.0463	3.6933	1.4314	2.9776	-.2002	-1.5438	
1 1 13	.0471	3.9272	1.5089	3.1447	-.2121	-1.6589	
1 2 0	.0026	.2424	.1005	.2034	-.0141	-.0897	
1 2 1	.0050	.4474	.1882	.3826	-.0257	-.1650	
1 2 2	.0010	.6593	.2793	.5695	-.0374	-.2434	
1 2 3	.0251	.8725	.3698	.7557	-.0490	-.3240	

a=.168		l=2																	
1	2	4	-	.0282	1.0380	.4567	.9352	-	.0605	-	.4061								
1	2	5	-	.0295	1.2387	.5391	1.1060	-	.0717	-	.4891								
1	2	6	-	.0304	1.4392	.6170	1.2680	-	.0826	-	.5725								
1	2	7	-	.0311	1.6840	.6906	1.4216	-	.0931	-	.6559								
1	2	8	-	.0317	1.8733	.7604	1.5676	-	.1032	-	.7391								
1	2	9	-	.0322	2.0570	.8265	1.7066	-	.1130	-	.8217								
1	2	10	-	.0327	2.2353	.8894	1.8394	-	.1224	-	.9037								
1	2	11	-	.0332	2.4031	.9491	1.9662	-	.1314	-	.9849								
1	2	12	-	.0337	2.5756	1.0059	2.0876	-	.1400	-	1.0651								
1	2	13	-	.0341	2.7379	1.0600	2.2039	-	.1484	-	1.1443								
2	1	0		.1382	-3.1761	-1.3939	-2.8816		.1752		1.1590								
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2	1	9		.3383	-25.4761	-9.8869	-20.6158	1.3775	10.6675										
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2	1	11		.3632	-29.9793	-11.4414	-23.9421	1.6102	12.8046										
2	1	12		.3742	-32.1472	-12.1743	-25.5233	1.7210	13.8577										
2	2	0		.0864	-2.9306	-1.2393	-2.5649	.1613	1.1153										
2	2	1		.1237	-5.3039	-2.2086	-4.5733	.2915	2.0531										
2	2	2		.1621	-7.7106	-3.1671	-6.5641	.4229	3.0305										
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2	2	4		.2155	-12.5517	-5.0350	-10.4584	.6849	5.0668										
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