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MATHEMATICS

TABLE OF FOURIER COEFFICIENTS OF ASSOCIATED LEGENDRE FUNCTIONS

BY

D. J. HOFSOMMER AND M. L. POTTERS

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1. *Introduction*

Several tables of Legendre polynomials and associated Legendre functions exist. Since these functions depend on two parameters in addition to the variable, a table, in order to be handy, either has large intervals, or contains only a few functions. By tabulating the coefficients of a suitable expansion the difficulty of choosing an interval disappears so that more functions can be included.

Such a table of coefficients for associated Legendre functions has been published by R. EGERSDÖRFER and L. EGERSDÖRFER for degrees up to 20 [1]. They consider two kinds of expansions, viz.

$$(1.1)\qquad \begin{cases} P_n^m(\cos\vartheta) = \sum_k A_k \cos k\vartheta, & \text{for even } m, \\ P_n^m(\cos\vartheta) = \sum_k B_k \sin k\vartheta, & \text{for odd } m, \end{cases}$$

$$(1.2)\qquad P_n^m(x) = (1-x^2)^{\frac{1}{2}m} \sum_k C_k x^k,$$

and they give the exact values of the numerators and denominators of the rational numbers A_k, B_k, C_k in factorized form. This representation is usually, however, less suitable for numerical purposes. For Legendre polynomials HJ. TALLQUIST gives the coefficients A_k and B_k in 12 decimals for degrees up to 32 [2] and the exact values of the coefficients C_k in decimal notation for degrees up to 16 [3]. The present table contains coefficients similar to A_k and B_k for associated Legendre functions in 8 decimals for degrees up to 31 and all relevant orders.

2. *Formulae*

i) The customary definition of the associated Legendre functions of degree n and order m (n and m non-negative integers) is

$$(2.1)\qquad P_n^m(x) = \frac{(1-x^2)^{\frac{1}{2}m}}{2^n m!}\left(\frac{d}{dx}\right)^{n+m}(x^2-1)^n$$

(some authors add a factor $(-1)^m$).

In terms of the hypergeometric function we have

$$(2.2)\qquad \begin{cases} P_n^m(x) = \dfrac{(2n)!}{2^n n!\,(n-m)!}(1-x^2)^{\frac{1}{2}m}\,x^{n-m}\,F(\tfrac{1}{2}m-\tfrac{1}{2}n,\ \tfrac{1}{2}m-\tfrac{1}{2}n+\tfrac{1}{2};\ \tfrac{1}{2}-n;\ x^{-2}) \\ \qquad = (1-x^2)^{\frac{1}{2}m}\sum_{j=0}^{[\frac{1}{2}n-\frac{1}{2}m]} \dfrac{(-1)^j(2n-2j)!}{2^n j!(n-m-2j)!\,(n-j)!}\,x^{n-m-2j} \end{cases}$$

and also

$$(2.3)\qquad P_n^m(x) = \frac{(n+m)!}{2^m m!(n-m)!}(1-x^2)^{\frac{1}{2}m}\,F(m-n,\ m+n+1;\ m+1;\ \tfrac{1}{2}-\tfrac{1}{2}x).$$

The normalization integral for these functions reads

$$(2.4)\qquad \int_{-1}^{1}\{P_n^m(x)\}^2\,dx = \frac{1}{n+\frac{1}{2}}\,\frac{(n+m)!}{(n-m)!}$$

and they satisfy the recurrence relations

$$(2.5a)\qquad -P_n^{m+1}(\cos\vartheta)+(n+m)\,(n-m+1)P_n^{m-1}(\cos\vartheta) = 2\frac{d}{d\vartheta}P_n^m(\cos\vartheta),$$

$$(2.5b)\qquad P_n^{m+1}(\cos\vartheta)+(n+m)\,(n-m+1)P_n^{m-1}(\cos\vartheta) = 2m\cot\vartheta P_n^m(\cos\vartheta).$$

For Legendre polynomials ($m=0$) the following trigonometric expansion exists

$$(2.6)\qquad P_n(\cos\vartheta) = \sum_{k=0}^{n} p_k p_{n-k}\cos(n-2k)\,\vartheta,$$

or

$$(2.7a)\qquad P_{2n}(\cos\vartheta) = p_n^2 + 2\sum_{k=1}^{n} p_{n-k}\,p_{n+k}\cos 2k\vartheta\ ,$$

$$(2.7b)\qquad P_{2n+1}(\cos\vartheta) = 2\sum_{k=0}^{n} p_{n-k}\,p_{n+k+1}\cos(2k+1)\,\vartheta,$$

where

$$(2.8)\qquad p_j = 4^{-j}\binom{2j}{j}.$$

The general coefficient in similar expansions for the associated functions takes the form of a sum of products of binomial coefficients which cannot be reduced to one term. These expansions have the form

$$(2.9a)\qquad P_{2n}^{2m}(\cos\vartheta) = \sum_{k=0}^{n} A_{2n,2k}^{2m}\cos 2k\vartheta,$$

$$(2.9b)\qquad P_{2n}^{2m+1}(\cos\vartheta) = \sum_{k=1}^{n} B_{2n,2k}^{2m+1}\sin 2k\vartheta,$$

$$(2.9c)\qquad P_{2n+1}^{2m}(\cos\vartheta) = \sum_{k=0}^{n} A_{2n+1,2k+1}^{2m}\cos(2k+1)\,\vartheta,$$

$$(2.9d)\qquad P_{2n+1}^{2m+1}(\cos\vartheta) = \sum_{k=0}^{n} B_{2n+1,2k+1}^{2m+1}\sin(2k+1)\,\vartheta.$$

ii) The coefficients A_k and B_k or C_k in the expansions (1.1) and (1.2) become rather large with increasing n and m. In order to obtain more manageable values a renormalization of the functions is indicated. We therefore define renormalized functions by

$$\overline{P}_n^m(x) = P_n^m(x)/N_n^m, \tag{2.10}$$

where

$$N_n^m = \left\{(n+\tfrac{1}{2})\,\frac{(n-m)!}{(n+m)!}\right\}^{-\frac{1}{2}}, \tag{2.11}$$

for which the normalization integral simply is

$$\int_{-1}^{1} \{P_n^m(x)\}^2 dx = 1. \tag{2.12}$$

The expansions of the renormalized associated Legendre functions will be written as follows (comp. (2.9))

$$\overline{P}_{2n}^{2m}(\cos\vartheta) = \sum_{k=0}^{n} a_{2n,2k}^{2m} \cos 2k\vartheta, \tag{2.13a}$$

$$\overline{P}_{2n}^{2m+1}(\cos\vartheta) = \sum_{k=1}^{n} b_{2n,2k}^{2m+1} \sin 2k\vartheta, \tag{2.13b}$$

$$\overline{P}_{2n+1}^{2m}(\cos\vartheta) = \sum_{k=0}^{n} a_{2n+1,2k+1}^{2m} \cos(2k+1)\,\vartheta, \tag{2.13c}$$

$$\overline{P}_{2n+1}^{2m+1}(\cos\vartheta) = \sum_{k=0}^{n} b_{2n+1,2k+1}^{2m+1} \sin(2k+1)\,\vartheta. \tag{2.13d}$$

The functions satisfy the recurrence relations (comp. (2.5))

$$\begin{cases} -(n-m)^{\frac{1}{2}}(n+m+1)^{\frac{1}{2}}\overline{P}_n^{m+1}(\cos\vartheta) + (n+m)^{\frac{1}{2}}(n-m+1)^{\frac{1}{2}}\overline{P}_n^{m-1}(\cos\vartheta) = \\ \qquad\qquad 2\,\dfrac{d}{d\vartheta}\,\overline{P}_n^m(\cos\vartheta), \end{cases} \tag{2.14a}$$

$$\begin{cases} (n-m)^{\frac{1}{2}}(n+m+1)^{\frac{1}{2}}\,\overline{P}_n^{m+1}(\cos\vartheta) + (n+m)^{\frac{1}{2}}(n-m+1)^{\frac{1}{2}}\overline{P}_n^{m-1}(\cos\vartheta) = \\ \qquad\qquad 2m\,\cot\vartheta\,\overline{P}_n^m\,(\cos\vartheta). \end{cases} \tag{2.14b}$$

From (2.13) and (2.14a) follow the recurrence relations for the coefficients a and b

$$(n-m)^{\frac{1}{2}}(n+m+1)^{\frac{1}{2}}\,b_{n,k}^{m+1} - (n+m)^{\frac{1}{2}}(n-m+1)^{\frac{1}{2}}\,b_{n,k}^{m-1} = 2k\,a_{n,k}^m \quad (\text{even } m), \tag{2.15a}$$

$$-(n-m)^{\frac{1}{2}}(n+m+1)^{\frac{1}{2}}\,a_{n,k}^{m+1} + (n+m)^{\frac{1}{2}}(n-m+1)^{\frac{1}{2}}\,a_{n,k}^{m-1} = 2k\,b_{n,k}^m \quad (\text{odd } m). \tag{2.15b}$$

iii) The coefficients C_k follow from (2.2). They are

$$C_k = \frac{(-1)^{\frac{1}{2}(n-m-k)}\,2^{-n}(n+m+k)!}{k!\,(\frac{1}{2}n+\frac{1}{2}m+\frac{1}{2}k)!\,(\frac{1}{2}n-\frac{1}{2}m-\frac{1}{2}k)!} \quad \text{for even } n+m+k,$$

$$C_k = 0 \quad \text{for odd } n+m+k.$$

The coefficients c_k in the expansion

$$\bar{P}_n^m(x) = (1-x^2)^{\frac{1}{2}m} \sum_k c_k x^k$$

are

$$c_k = C_k / N_n^m \ .$$

The functions $P_n^m(x)$ satisfy the inequality

$$|P_n^m(x)| \leqslant \frac{(n+m)!}{n!}, \qquad (-1<x<1),$$

and hence, for even $n+m+k$,

$$\left|\frac{C_k}{P_n^m(x)}\right| = \left|\frac{c_k}{\bar{P}_n^m(x)}\right| \geqslant 2^{-n} \binom{n+m+k}{n+m} \binom{n}{\frac{1}{2}n+\frac{1}{2}m+\frac{1}{2}k}.$$

The quantity in the right hand member may become rather large (e.g. for $m=0$, $k=n$). In such a case the expansion coefficients are much larger than the values of the function they determine. This can only occur if the terms largely cancel and this implies that in evaluating the function the accuracy of the result may be much less than the accuracy of the coefficients c_k. A similar loss of significant figures does not occur in the trigonometric expansions. We therefore tabulated the coefficients a_k and b_k only.

3. *Method of evaluation*

i) The evaluation of the coefficients a and b was based on the recurrence relations (2.15).

If we define

(3.1) $$\gamma_n^m = (-1)^m (n+m)^{\frac{1}{2}} (n-m+1)^{\frac{1}{2}},$$

(3.2) $$d_{n,k}^m = \begin{cases} a_{n,k}^m & \text{for even } m, \\ b_{n,k}^m & \text{for odd } m, \end{cases}$$

these relations can be reduced to the single second order difference equation with respect to m

(3.3) $$\gamma_n^m \, d_{n,k}^{m-1} + 2k \, d_{n,k}^m + \gamma_n^{m+1} \, d_{n,k}^{m+1} = 0.$$

For $m=0$ we find from (2.7) and (2.10)

(3.4a) $$d_{2n,2k}^0 = 2(2n+\tfrac{1}{2})^{\frac{1}{2}} \, p_{n-k} \, p_{n+k}, \qquad (k>0),$$

(3.4b) $$d_{2n,0}^0 = (2n+\tfrac{1}{2})^{\frac{1}{2}} \, p_n^2,$$

(3.4c) $$d_{2n+1,2k+1}^0 = 2(2n+1\tfrac{1}{2}) \, p_{n-k} \, p_{n+k+1}.$$

For $m=n+1$ we have

(3.5) $$d_{n,k}^{n+1} = 0,$$

because all associated Legendre functions for which the order exceeds the degree vanish identically (n and m non-negative integers).

The difference equations (3.3) for $m=1(1)n$ and for fixed values of n and k provide, together with the boundary conditions (3.4) and (3.5), a system of n linear equations in the unknown d's with a symmetric tridiagonal coefficient matrix. For the solution of the d's boundary conditions were preferred to initial conditions (e.g. for $m=0$ and $m=1$) because, although the calculations in the latter case would be simpler, the process is unstable, thus necessitating the retention of more figures in the calculations than are required for the results.

The calculations were performed with fixed length (33 binary digits) floating point arithmetic on the electronic computer ARMAC of the Mathematical Centre.

Preliminary calculations consisted in the computation of a table of p_j for $j=0(1)31$ by means of the recurrence relation $p_j=(1-{}^1/_{2j})p_{j-1}$ and the initial value $p_0=1$; and of tables of γ_n^m for $m=1(1)n$, $n=1(1)31$. Then the linear systems (3.3) were solved by Gaussian elimination for each of the 271 combinations of n and k, viz. $n=2(2)30$, $k=0(2)n$ and $n=1(2)31$, $k=1(2)n$. For $n=0$ one finds immediately from (3.4b) that $d_{0,0}^0=\frac{1}{2}\sqrt{2}$. Since the d's came out in an order unsuitable for direct printing they were punched on tape. Then the d's were read again into the machine and printed in the required order.

ii) For checking purposes the following formulae were used:

$$\text{(3.6a)}\qquad \sum_{k=0}^{n} a_{2n,2k}^{2m} = (2n+\tfrac{1}{2})^{\frac{1}{2}}\,\delta_{m,0},$$

$$\text{(3.6b)}\qquad \sum_{k=1}^{n} b_{2n,2k}^{2m+1} = \frac{p_n}{2m+1}\left[(2n+\tfrac{1}{2})\,(2n+2m+1)\,(2n-2m-1)\,p_{n+m}\,p_{n-m-1}\right]^{\frac{1}{2}},$$

$$\text{(3.6c)}\qquad \sum_{k=0}^{n} a_{2n+1,2k+1}^{2m} = (2n+1\tfrac{1}{2})^{\frac{1}{2}}\,\delta_{m,0},$$

$$\text{(3.6d)}\qquad \sum_{k=0}^{n} (-1)^k\, b_{2n+1,2k+1}^{2m+1} = (-1)^{n-m}\,\left[(2n+1\tfrac{1}{2})\,p_{n+m+1}\,p_{n-m}\right]^{\frac{1}{2}}.$$

The respective sums were calculated by hand from the printed tables. Since no larger discrepancies than $(\frac{1}{2}n)^{\frac{1}{2}}$ units of the last decimal were found, it seems justified to state that the coefficients are accurate to within one unit of the last decimal.

Using the normalization (2.10), (3.6a) immediately follows from (2.3) and (2.13a) for $\vartheta=0$. In the same way (3.6c) follows from (2.3) and (2.13c). For $\vartheta=\frac{1}{2}\pi$ (3.6d) follows from (2.2) and (2.13d). Finally (3.6b) can be proved in the following way:

We first derive

$$\text{(3.7)}\qquad \int_0^{\pi} \cot\vartheta \sin 2j\vartheta\, d\vartheta = \pi, \qquad (j\geqslant 1)\,.$$

The integrand equals

$$\cot\vartheta \sin 2j\vartheta = \tfrac{1}{2}\left\{\frac{\sin(2j+1)\vartheta}{\sin\vartheta} + \frac{\sin(2j-1)\vartheta}{\sin\vartheta}\right\}.$$

Since

$$\frac{\sin(2j+1)\vartheta}{\sin\vartheta} = 1 + 2\sum_{i=1}^{j} \cos 2i\vartheta$$

(3.7) immediately follows from the orthogonality of $\sin 2j\vartheta$ and $\cos 2i\vartheta$ on $(0, \pi)$.

Application of (3.7) to (2.13b) yields

$$\sum_{k=1}^{n} b_{2n,2k}^{2m+1} = \frac{1}{\pi}\int_0^{\pi} \cot\vartheta\, \overline{P}_{2n}^{2m+1}(\cos\vartheta)\, d\vartheta. \tag{3.8}$$

By aid of (2.14b) we also have

$$\begin{cases} 2(2m+1)\int_0^{\pi} \cot\vartheta\, \overline{P}_{2n}^{2m+1}(\cos\vartheta)\, d\vartheta = \\ (2n-2m-1)^{\frac{1}{2}}(2n+2m+2)^{\frac{1}{2}}\int_0^{\pi} \overline{P}_{2n}^{2m+2}(\cos\vartheta)\, d\vartheta + \\ \qquad + (2n+2m+1)^{\frac{1}{2}}(2n-2m)^{\frac{1}{2}}\int_0^{\pi} \overline{P}_{2n}^{2m}(\cos\vartheta)\, d\vartheta. \end{cases} \tag{3.9}$$

From (2.13a) it follows, that

$$\int_0^{\pi} \overline{P}_{2n}^{2m}(\cos\vartheta)\, d\vartheta = \pi a_{2n,0}^{2m}, \tag{3.10}$$

or, combining (3.8), (3.9) and (3.10),

$$\begin{cases} \sum_{k=1}^{n} b_{2n,2k}^{2m+1} = \frac{1}{2(2m+1)}\{(2n-2m-1)^{\frac{1}{2}}\,(2n+2m+2)^{\frac{1}{2}}\, a_{2n,0}^{2m+2} + \\ \qquad + (2n+2m+1)^{\frac{1}{2}}\,(2n-2m)^{\frac{1}{2}}\, a_{2n,0}^{2m}\}. \end{cases} \tag{3.11}$$

We see from (2.13b) that

$$\frac{d}{d\vartheta}\overline{P}_{2n}^{2m+1}(\cos\vartheta)$$

is a cosine series without constant term. It then follows from (2.14a) that

$$(2n-2m-1)^{\frac{1}{2}}\,(2n+2m+2)^{\frac{1}{2}}\, a_{2n,0}^{2m+2} = (2n+2m+1)^{\frac{1}{2}}\,(2n-2m)^{\frac{1}{2}}\, a_{2n,0}^{2m} \tag{3.12}$$

and also that

$$a_{2n,0}^{2m} = p_n^{-1}\, p_{n+m}^{\frac{1}{2}}\, p_{n-m}^{\frac{1}{2}}\, a_{2n,0}^{0}. \tag{3.13}$$

Hence, by substitution of (3.12) and (3.13) in (3.11),

$$\begin{cases} \sum_{k=1}^{n} b_{2n,2k}^{2m+1} = \frac{1}{2m+1}\, p_n^{-1}\,\{(2n+2m+1)\,(2n-2m)\, p_{n+m}\, p_{n-m}\}^{\frac{1}{2}}\, a_{2n,0}^{0} \\ \qquad = \frac{1}{2m+1}\, p_n^{-1}\,\{(2n+2m+1)\,(2n-2m-1)\, p_{n+m}\, p_{n-m-1}\}^{\frac{1}{2}} a_{2n,0}^{0}. \end{cases} \tag{3.14}$$

It follows from (2.7a), taking account of the renormalization, that

$$a_{2n,0}^{0} = (2n+\tfrac{1}{2})^{\frac{1}{2}}\, p_n{}^2. \tag{3.15}$$

Substitution of (3.15) in (3.14) yields (3.6b).

4. *Tables*

The next 13 pages contain the coefficients $a^m_{n,k}$ and $b^m_{n,k}$ of the renormalized functions $\overline{P}^m_n(\cos\vartheta)$, as defined by (2.10), (2.11) and (2.13), for $n=0(1)31$, $m=0(1)n$ in 8 decimals with an expected accuracy of one unit of the last digit (comp. 3, ii). The last page contains the normalization factors N^m_n for converting $\overline{P}^m_n(\cos\vartheta)$ into $P^m_n(\cos\vartheta)$. These latter values are given in floating decimal notation with 10 significant digits; the second number denotes the exponent of 10.

For typographical reasons the notations $a^m_{n,k}$, $b^m_{n,k}$ and N^m_n have been replaced in the headings of the tables by $a(n, m, k)$, $b(n, m, k)$ and $N(n, m)$.

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k	a(0, 0,k)
0	+ 0.70710678

k	a(1, 0,k)
1	+ 1.22474487

k	b(1, 1,k)
1	+ 0.86602540

k	a(2, 0,k)
0	+ 0.39528471
2	+ 1.18585412

k	b(2, 1,k)
0	+ 0.00000000
2	+ 0.96824584

k	a(2, 2,k)
0	+ 0.48412292
2	- 0.48412292

k	a(3, 0,k)
1	+ 0.70156076
3	+ 1.16926793

k	b(3 1,k)
1	+ 0.20252315
3	+ 1.01261573

k	a(3, 2,k)
1	+ 0.64043442
3	- 0.64043442

k	b(3, 3,k)
1	+ 0.78436877
3	- 0.26145626

k	a(4, 0,k)
0	+ 0.29831067
2	+ 0.66291261
4	+ 1.16009706

k	b(4, 1,k)
0	+ 0.00000000
2	+ 0.29646353
4	+ 1.03762236

k	a(4, 2,k)
0	+ 0.31444706
2	+ 0.41926275
4	- 0.73370980

k	b(4, 3,k)
0	+ 0.00000000
2	+ 0.78436877
4	- 0.39218439

k	a(4, 4,k)
0	+ 0.41597436
2	- 0.55463248
4	+ 0.13865812

k	a(5, 0,k)
1	+ 0.54965810
3	+ 0.64126778
5	+ 1.15428200

k	b(5, 1,k)
1	+ 0.10035338
3	+ 0.35123683
5	+ 1.05371048

k	a(5, 2,k)
1	+ 0.53102017
3	+ 0.26551009
5	- 0.79653026

k	b(5. 3,k)
1	+ 0.32518211
3	+ 0.70456125
5	- 0.48777317

k	a(5, 4,k)
1	+ 0.45987696
3	- 0.68981544
5	+ 0.22993848

k	b(5. 5,k)
1	+ 0.72712931
3	- 0.36356466
5	+ 0.07271293

k	a(6, 0,k)
0	+ 0.24897556
2	+ 0.52284868
4	+ 0.62741842
6	+ 1.15026710

k	b(6, 1,k)
0	+ 0.00000000
2	+ 0.16135461
4	+ 0.38725105
6	+ 1.06494040

k	a(6, 2,k)
0	+ 0.25512403
2	+ 0.43371086
4	+ 0.15307442
6	- 0.84190931

k	b(6, 3,k)
0	+ 0.00000000
2	+ 0.45922326
4	+ 0.61229768
6	- 0.56127287

k	a(6, 4,k)
0	+ 0.27947438
2	+ 0.13973719
4	- 0.72663338
6	+ 0.30742181

k	b(6, 5,k)
0	+ 0.00000000
2	+ 0.65542551
4	- 0.52434041
6	+ 0.13108510

k	a(6, 6,k)
0	+ 0.37841009
2	- 0.56761514
4	+ 0.22704606
6	- 0.03784101

k	a(7, 0,k)
1	+ 0.46802465
3	+ 0.50546662
5	+ 0.61779253
7	+ 1.14732899

k	b(7, 1,k)
1	+ 0.06254242
3	+ 0.20263745
5	+ 0.41278000
7	+ 1.07322800

k	a(7, 2,k)
1	+ 0.45959108
3	+ 0.34928922
5	+ 0.06740669
7	- 0.87628699

k	b(7, 3,k)
1	+ 0.19498798
3	+ 0.50696875
5	+ 0.52430102
7	- 0.61962847

k	a(7, 4,k)
1	+ 0.43113465
3	- 0.08622693
5	- 0.71855775
7	+ 0.37365003

k	b(7, 5,k)
1	+ 0.35927887
3	+ 0.47424811
5	- 0.61795966
7	+ 0.18682501

k	a(7, 6,k)
1	+ 0.36639400
3	- 0.65950919
5	+ 0.36639400
7	- 0.07327880

k	b(7, 7,k)
1	+ 0.68546040
3	- 0.41127624
5	+ 0.13709208
7	- 0.01958458

k	a(8, 0,k)
0	+ 0.21798450
2	+ 0.44842526
4	+ 0.49326778
6	+ 0.61071249
8	+ 1.14508592

k	b(8, 1,k)
0	+ 0.00000000
2	+ 0.10569485
4	+ 0.23252866
6	+ 0.43183894
8	+ 1.07959736

k	a(8,, 2,k)
0	+ 0.22107663
2	+ 0.40425441
4	+ 0.27792491
6	+ 0.00000000
8	- 0.90325595

k	b(8, 3,k)
0	+ 0.00000000
2	+ 0.30789172
4	+ 0.51315287
6	+ 0.44473249
8	- 0.66709873

k	a(8, 4,k)
0	+ 0.23186713
2	+ 0.26499100
4	- 0.23849190
6	- 0.68897661
8	+ 0.43061038

k	b(8, 5.k)
0	+ 0.00000000
2	+ 0.47771933
4	+ 0.28663160
6	- 0.66880706
8	+ 0.23885966

k	a(8, 6,k)
0	+ 0.25799792
2	+ 0.00000000
4	- 0.61919501
6	+ 0.47176763
8	- 0.11057054

k	b(8, 7,k)
0	+ 0.00000000
2	+ 0.56524513
4	- 0.56524513

k	b(8, 7,k)
6	+ 0.24224791
8	- 0.04037465

k	a(8, 8,k)
0	+ 0.35327821
2	- 0.56524513
4	+ 0.28262256
6	- 0.08074930
8	+ 0.01009366

k	a(9, 0,k)
1	+ 0.41481118
3	+ 0.43456410
5	+ 0.48422857
7	+ 0.60528571
9	+ 1.14331745

k	b(9, 1,k)
1	+ 0.04372494
3	+ 0.13742123
5	+ 0.25521086
7	+ 0.44661901
9	+ 1.08464616

k	a(9, 2,k)
1	+ 0.41017628
3	+ 0.35157967
5	+ 0.21764456
7	- 0.05441114
9	- 0.92498936

k	b(9, 3,k)
1	+ 0.13426170
3	+ 0.37081804
5	+ 0.49868632
7	+ 0.37401474
9	- 0.70647229

k	a(9, 4,k)
1	+ 0.39525575
3	+ 0.11293021
5	- 0.33879064
7	- 0.64934873
9	+ 0.47995341

k	b(9, 5.k)
1	+ 0.23621049
3	+ 0.47242098
5	+ 0.12147968
7	- 0.69175929
9	+ 0.28682702

k	a(9, 6,k)
1	+ 0.36593572
3	- 0.24395715
5	- 0.52276531
7	+ 0.54890358
9	- 0.14811684

k	b(9, 7,k)
1	+ 0.36972790
3	+ 0.31690963
5	- 0.61872832
7	+ 0.33577330
9	- 0.06413647

k	a(9, 8,k)
1	+ 0.30798080
3	- 0.61596160
5	+ 0.43997257
7	- 0.15399040
9	+ 0.02199863

k	b(9, 9,k)
1	+ 0.65332593
3	- 0.43555062
5	+ 0.18666455
7	- 0.04666614
9	+ 0.00518513

k	a(10, 0,k)
0	+ 0.19624374
2	+ 0.39975577
4	+ 0.42423061
6	+ 0.47725944
8	+ 0.60099337
10	+ 1.14188741

k	b(10, 1,k)
0	+ 0.00000000
2	+ 0.07623043
4	+ 0.16179521
6	+ 0.27302941
8	+ 0.45841976
10	+ 1.08874692

k	a(10, 2,k)
0	+ 0.19805248
2	+ 0.37409913
4	+ 0.30359065
6	+ 0.16639103
8	- 0.09925079
10	- 0.94288249

k	b(10, 3,k)
0	+ 0.00000000
2	+ 0.22441632
4	+ 0.40303340
6	+ 0.47402223
8	+ 0.31143490
10	- 0.73965788

k	a(10, 4,k)
0	+ 0.20402525
2	+ 0.29470314
4	- 0.01295398
6	- 0.40319275
8	- 0.60559875
10	+ 0.52301710

k	b(10, 5,k)
0	+ 0.00000000
2	+ 0.35843582
4	+ 0.40964094
6	- 0.01536154
8	- 0.69638960
10	+ 0.33078506

k	a(10, 6,k)
0	+ 0.21640145
2	+ 0.15228250
4	- 0.38013377
6	- 0.40704083
8	+ 0.60340511
10	- 0.18491447

k	b(10, 7,k)
0	+ 0.00000000
2	+ 0.46264610
4	+ 0.07553406
6	- 0.60899334
8	+ 0.41543732
10	- 0.08969669

k	a(10, 8,k)
0	+ 0.24283862
2	- 0.08094621
4	- 0.50880472
6	+ 0.53771408
8	- 0.22742029
10	+ 0.03661852

k	b(10, 9,k)
0	+ 0.00000000
2	+ 0.49898592
4	- 0.57026963
6	+ 0.32077667
8	- 0.09504494
10	+ 0.01188062

k	a(10,10,k)
0	+ 0.33472993
2	- 0.55788322
4	+ 0.31879041
6	- 0.11954641
8	+ 0.02656587
10	- 0.00265659

k	a(11, 0,k)
1	+ 0.37652301
3	+ 0.38847612
5	+ 0.41622442
7	+ 0.47172101
9	+ 0.59751327
11	+ 1.14070716

k	b(11, 1,k)
1	+ 0.03277212
3	+ 0.10143752
5	+ 0.18113843
7	+ 0.28740630
9	+ 0.46806169
11	+ 1.09214396

k	a(11, 2,k)
1	+ 0.37365968
3	+ 0.33807304
5	+ 0.26054501
7	+ 0.12243497
9	- 0.13683909
11	- 0.95787361

k	b(11, 3,k)
1	+ 0.09986475
3	+ 0.28374270
5	+ 0.41610312
7	+ 0.44463591
9	+ 0.25600249
11	- 0.76800747

k	a(11, 4,k)
1	+ 0.36465451
3	+ 0.19100950
5	- 0.11286925
7	- 0.44279476
9	- 0.56087336
11	+ 0.56087336

k	b(11, 5.k)
1	+ 0.17228306
3	+ 0.40199381
5	+ 0.32405623
7	- 0.12552051
9	- 0.68896816
11	+ 0.37098285

k	a(11, 6,k)
1	+ 0.34799472
3	- 0.03866608
5	- 0.43913620
7	- 0.28999560
9	+ 0.64019982
11	- 0.22039666

k	b(11, 7,k)
1	+ 0.25677305
3	+ 0.40350051
5	- 0.11790599
7	- 0.56158188
9	+ 0.48123113
11	- 0.11615924

k	a(11, 8,k)
1	+ 0.31978508
3	- 0.31978508
5	- 0.34262687
7	+ 0.58627265
9	- 0.29694329
11	+ 0.05329751

k	b(11, 9,k)
1	+ 0.37155669
3	+ 0.20642038
5	- 0.57502821
7	+ 0.42758508
9	- 0.14842608
11	+ 0.02064204

k	a(11,10,k)
1	+ 0.26755140
3	- 0.57332442
5	+ 0.47777035
7	- 0.22295950
9	+ 0.05733244
11	- 0.00637027

k	b(11,11,k)
1	+ 0.62746364
3	- 0.44818831
5	+ 0.22409416
7	- 0.07469805
9	+ 0.01493961
11	- 0.00135815

k	a(12, 0,k)
0	+ 0.17991984
2	+ 0.36451292
4	+ 0.37970096
6	+ 0.40983595
8	+ 0.46721299
10	+ 0.59463471
12	+ 1.13971653

k	b(12, 1,k)
0	+ 0.00000000
2	+ 0.05836878
4	+ 0.12160163
6	+ 0.19687882
8	+ 0.29925581
10	+ 0.47608879
12	+ 1.09500423

k	a(12, 2,k)
0	+ 0.18108438
2	+ 0.34805829
4	+ 0.30376709
6	+ 0.22210927
8	+ 0.08440152
10	- 0.16880304
12	- 0.97061751

k	b(12, 3,k)
0	+ 0.00000000
2	+ 0.17281727
4	+ 0.32163215
6	+ 0.41710836
8	+ 0.41348133
10	+ 0.20674066
12	- 0.79250587

k	a(12, 4,k)
0	+ 0.18481847
2	+ 0.29762975
4	+ 0.09560956
6	- 0.19041903
8	- 0.46516649
10	- 0.51685166
12	+ 0.59437941

k	b(12, 5,k)
0	+ 0.00000000
2	+ 0.27991367
4	+ 0.39654436
6	+ 0.23326139
8	- 0.21273439
10	- 0.67365889
12	+ 0.40774091

k	a(12, 6,k)
0	+ 0.19201252
2	+ 0.20946821
4	- 0.18328468
6	- 0.44719800
8	- 0.18004291
10	+ 0.66331599
12	- 0.25427113

k	b(12, 7,k)
0	+ 0.00000000
2	+ 0.37275141
4	+ 0.27956356
6	- 0.25737597
8	- 0.49345187
10	+ 0.53427702
12	- 0.14288804

k	a(12, 8,k)
0	+ 0.20501327
2	+ 0.07455028
4	- 0.41934533
6	- 0.16862564
8	+ 0.59728976
10	- 0.36032636
12	+ 0.07144402

k	b(12, 9,k)
0	+ 0.00000000
2	+ 0.43924154
4	- 0.06100577
6	- 0.50160299
8	+ 0.50431436
10	- 0.20335256
12	+ 0.03118073

k	a(12,10,k)
0	+ 0.23128617
2	- 0.13216352
4	- 0.41301101
6	+ 0.55068135
8	- 0.31939518
10	+ 0.09411645
12	- 0.01151425

k	b(12,11,k)
0	+ 0.00000000
2	+ 0.44818831
4	- 0.56023539
6	+ 0.37349026
8	- 0.14939610
10	+ 0.03395366
12	- 0.00339537

k	a(12,12,k)
0	+ 0.32020120
2	- 0.54891634
4	+ 0.34307271
6	- 0.15247676
8	+ 0.04574303
10	- 0.00831691
12	+ 0.00069308

k	a(13, 0,k)
1	+ 0.34724519
3	+ 0.35513713
5	+ 0.37267477
7	+ 0.40461832
9	+ 0.46347189
11	+ 0.59221408
13	+ 1.13887324

k	b(13, 1,k)
1	+ 0.02573953
3	+ 0.07897355
5	+ 0.13812246
7	+ 0.20994614
9	+ 0.30919340
11	+ 0.48287611
13	+ 1.09744571

k	a(13, 2,k)
1	+ 0.34533198
3	+ 0.32178662
5	+ 0.27178906
7	+ 0.18778153
9	+ 0.05121315
11	- 0.19631706
13	- 0.98158528

k	b(13, 3,k)
1	+ 0.07809113
3	+ 0.22539941
5	+ 0.34455193
7	+ 0.41048240
9	+ 0.38217327
11	+ 0.16277750
13	- 0.81388752

k	a(13, 4,k)
1	+ 0.33939460
3	+ 0.22369190
5	+ 0.01228448
7	- 0.24968929
9	- 0.47549526
11	- 0.47440966
13	+ 0.62422323

k	b(13, 5,k)
1	+ 0.13332679
3	+ 0.33634713
5	+ 0.36260847
7	+ 0.14585143
9	- 0.28095591
11	- 0.65326087
13	+ 0.44139248

k	a(13, 6,k)
1	+ 0.32875261
3	+ 0.06724485
5	- 0.28143216
7	- 0.42339352
9	- 0.08069382
11	+ 0.67593530
13	- 0.28641326

k	b(13, 7,k)
1	+ 0.19449267
3	+ 0.38456505
5	+ 0.13997578
7	- 0.34899226
9	- 0.41550707
11	+ 0.57611086
13	- 0.16944437

k	a(13, 8,k)
1	+ 0.31188211
3	- 0.13467637
5	- 0.42135589
7	- 0.01102614
9	+ 0.58123485
11	- 0.41663040
13	+ 0.09057183

k	b(13, 9,k)
1	+ 0.26763114
3	+ 0.33453892
5	- 0.25193672
7	- 0.38823035
9	+ 0.55283401
11	- 0.25734341
13	+ 0.04317842

k	a(13,10,k)
1	+ 0.28522530
3	- 0.35653162
5	- 0.19807312
7	+ 0.55460474
9	- 0.40190837
11	+ 0.13468972
13	- 0.01800665

k	b(13,11,k)
1	+ 0.36975536
3	+ 0.12605296
5	- 0.51821774
7	+ 0.47620008
9	- 0.22765929
11	+ 0.05831541
13	- 0.00636631

k	a(13,12,k)
1	+ 0.23768775
3	- 0.53479743
5	+ 0.49518281
7	- 0.27730237
9	+ 0.09723590
11	- 0.01980731
13	+ 0.00180066

k	b(13,13,k)
1	+ 0.60598723
3	- 0.45449042
5	+ 0.25249468
7	- 0.10099787
9	+ 0.02754487
11	- 0.00459081
13	+ 0.00035314

k	a(14, 0,k)
8	+ 0.40027574
10	+ 0.46031710
12	+ 0.59015013
14	+ 1.13814668

k	b(14, 1,k)
0	+ 0.00000000
2	+ 0.04656343
4	+ 0.09594889
6	+ 0.15191908
8	+ 0.22097320
10	+ 0.31764898
12	+ 0.48869074
14	+ 1.09955416

k	a(14, 2,k)
0	+ 0.16788684
2	+ 0.32608791
4	+ 0.29605221
6	+ 0.24227493
8	+ 0.15704778
10	+ 0.02202499
12	- 0.22024994
14	- 0.99112472

k	b(14, 3,k)
0	+ 0.00000000
2	+ 0.13834060
4	+ 0.26270740
6	+ 0.35695291
8	+ 0.39905779
10	+ 0.35158923
12	+ 0.12336464
14	- 0.83271132

k	a(14, 4,k)
0	+ 0.17041160
2	+ 0.29166600
4	+ 0.15114595
6	- 0.05849209
8	- 0.29434731
10	- 0.47737095
12	- 0.43397359
14	+ 0.65096039

k	b(14, 5,k)
0	+ 0.00000000
2	+ 0.22586171
4	+ 0.35590330
6	+ 0.31346868
8	+ 0.06570523
10	- 0.33372779
12	- 0.62967507
14	+ 0.47225630

k	a(14, 6,k)
0	+ 0.17508127
2	+ 0.23231938
4	- 0.05693202
6	- 0.34046982
8	- 0.38077116
10	+ 0.00703998
12	+ 0.68053152
14	- 0.31679916

k	b(14, 7,k)
0	+ 0.00000000
2	+ 0.30548440
4	+ 0.33325571
6	+ 0.00925710
8	- 0.40202276
10	- 0.33457815
12	+ 0.60832391
14	- 0.19553268

k	a(14, 8,k)
0	+ 0.18286643
2	+ 0.14418314
4	- 0.27429964
6	- 0.36456063
8	+ 0.12063216
10	+ 0.54657453
12	- 0.46569131
14	+ 0.11029531

k	b(14, 9,k)
0	+ 0.00000000
2	+ 0.40791764
4	- 0.54389018
6	+ 0.40791764
8	- 0.19777825
10	+ 0.06180570
12	- 0.01141028
14	+ 0.00095086

k	a(14,10,k)
0	+ 0.19610239
2	+ 0.01885600
4	- 0.41483199
6	+ 0.00628533
8	+ 0.50968338
10	- 0.46751451
12	+ 0.17713212
14	- 0.02571273

k	b(14,11,k)
0	+ 0.00000000
2	+ 0.41483199
4	- 0.15084799
6	- 0.38969066
8	+ 0.53025356
10	- 0.30283878
12	+ 0.08685188
14	- 0.01028509

k	a(14,12,k)
0	+ 0.22204224
2	- 0.16653168
4	- 0.33306336
6	+ 0.53660208
8	- 0.38352750
10	+ 0.15643885
12	- 0.03545430
14	+ 0.00349367

k	b(14,13,k)
0	+ 0.00000000
2	+ 0.40791764
4	- 0.54389018
6	+ 0.40791764
8	- 0.19777825
10	+ 0.06180570
12	- 0.01141028
14	+ 0.00095086

k	a(14,14,k)
0	+ 0.30835675
2	- 0.53962431
4	+ 0.35974954
6	- 0.17987477
8	+ 0.06540901
10	- 0.01635225
12	+ 0.00251573
14	- 0.00017969

k	a(15, 0,k)
1	+ 0.32390809
3	+ 0.32944498
5	+ 0.34142480
7	+ 0.36211721
9	+ 0.39660457
11	+ 0.45762066
13	+ 0.58836941
15	+ 1.13751420

k	b(15, 1,k)
1	+ 0.02090818
3	+ 0.06379675
5	+ 0.11019438
7	+ 0.16362196
9	+ 0.23040643
11	+ 0.32493215
13	+ 0.49372807
15	+ 1.10139339

k	a(15, 2,k)
1	+ 0.32255565
3	+ 0.30601434
5	+ 0.27142795
7	+ 0.21515102
9	+ 0.12943693
11	- 0.00382949
13	- 0.24125819
15	- 0.99949821

k	b(15, 3,k)
1	+ 0.06325837
3	+ 0.18436841
5	+ 0.28857022
7	+ 0.36192259
9	+ 0.38467540
11	+ 0.32219006
13	+ 0.08787002
15	- 0.84941015

k	a(15, 4,k)
1	+ 0.31839347
3	+ 0.23675412
5	+ 0.08386588
7	- 0.11760115
9	- 0.32743452
11	- 0.47330583
13	- 0.39571471
15	+ 0.67504274

k	b(15, 5,k)
1	+ 0.10733042
3	+ 0.28346238
5	+ 0.35031247
7	+ 0.25744289
9	- 0.00575431
11	- 0.37403024
13	- 0.60420270
15	+ 0.50062509

k	a(15, 6,k)
1	+ 0.31107310
3	+ 0.12496099
5	- 0.15589911
7	- 0.36908207
9	- 0.32799239
11	+ 0.08338789
13	+ 0.67901571
15	- 0.34546413

k	b(15, 7,k)
1	+ 0.15474902
3	+ 0.34520935
5	+ 0.24997919
7	- 0.10208385
9	- 0.42549539
11	- 0.25482315
13	+ 0.63240162
15	- 0.22095960

k	a(15, 8,k)
1	+ 0.29987397
3	- 0.02306723
5	- 0.34600843
7	- 0.27750575
9	+ 0.22438122
11	+ 0.49978996
13	- 0.50777861
15	+ 0.13031486

k	b(15, 9,k)
1	+ 0.20822201
3	+ 0.35059604
5	- 0.00533903
7	- 0.40657492
9	- 0.13369137
11	+ 0.58163026
13	- 0.35674401
15	+ 0.07037807

k	a(15,10,k)
1	+ 0.28335427
3	- 0.19616834
5	- 0.36182161
7	+ 0.17106936
9	+ 0.43394815
11	- 0.51585008
13	+ 0.21994632
15	- 0.03447807

k	b(15,11,k)
1	+ 0.27336995
3	+ 0.27336995
5	- 0.32307358
7	- 0.22667866

k	b(15,11,k)
9	+ 0.54146830
11	- 0.37057588
13	+ 0.11835025
15	- 0.01511963

k	a(15,12,k)
1	+ 0.25826762
3	- 0.37305323
5	- 0.08608921
7	+ 0.49305637
9	- 0.46175121
11	+ 0.21853414
13	- 0.05478404
15	+ 0.00581955

k	b(15,13,k)
1	+ 0.36633100
3	+ 0.06575172
5	- 0.46026203
7	+ 0.49612660
9	- 0.29289402
11	+ 0.10437511
13	- 0.02121659
15	+ 0.00190489

k	a(15,14,k)
1	+ 0.21460722
3	- 0.50075017
5	+ 0.50075017
7	- 0.31865920
9	+ 0.13656823
11	- 0.03851924
13	+ 0.00650325
15	- 0.00050025

k	b(15,15,k)
1	+ 0.58772606
3	- 0.45712027
5	+ 0.27427216
7	- 0.12466917
9	+ 0.04155639
11	- 0.00958994
13	+ 0.00136999
15	- 0.00009133

k	a(16, 0,k)
0	+ 0.15665318
2	+ 0.31562714
4	+ 0.32291084
6	+ 0.33625427
8	+ 0.35804852
10	+ 0.39345992
12	+ 0.45528933
14	+ 0.58681736
16	+ 1.13695864

k	b(16, 1,k)
0	+ 0.00000000
2	+ 0.03827541
4	+ 0.07831738
6	+ 0.12233046
8	+ 0.17367905
10	+ 0.23857012
12	+ 0.33127165
14	+ 0.49813440
16	+ 1.10301189

k	a(16, 2,k)
0	+ 0.15723230
2	+ 0.30747650
4	+ 0.28597465
6	+ 0.24815982
8	+ 0.19025586
10	+ 0.10453619
12	- 0.02688073
14	- 0.25984710
16	- 1.00690749

k	b(16, 3,k)
0	+ 0.00000000
2	+ 0.11397250
4	+ 0.21917788
6	+ 0.30583466
8	+ 0.36162540
10	+ 0.36854768
12	+ 0.29419719

k	a(16, 4,k)
0	+ 0.15903617
2	+ 0.28273098
4	+ 0.18051285
6	+ 0.02340214
8	- 0.16639428
10	- 0.35139164
12	- 0.46507718
14	- 0.35965968
16	+ 0.69684063

k	b(16, 5,k)
0	+ 0.00000000
2	+ 0.18700896
4	+ 0.31359964
6	+ 0.32834161
8	+ 0.19961096
10	- 0.06835992
12	- 0.40430010
14	- 0.57773898
16	+ 0.52676201

k	a(16, 6,k)
0	+ 0.16228878
2	+ 0.24042783
4	+ 0.02293312
6	- 0.22939841
8	- 0.37510104
10	- 0.27069147
12	+ 0.14915652
14	+ 0.67286166
16	- 0.37247699

k	b(16, 7,k)
0	+ 0.00000000
2	+ 0.25523880
4	+ 0.33377381
6	+ 0.15528514
8	- 0.19098288
10	- 0.42709789
12	- 0.17867080
14	+ 0.64966233
16	- 0.24560405

k	a(16, 8,k)
0	+ 0.16746558
2	+ 0.17862995
4	- 0.15801880
6	- 0.36350570
8	- 0.17915043
10	+ 0.30188045
12	+ 0.44568261
14	- 0.54338481
16	+ 0.15040115

k	b(16, 9,k)
0	+ 0.00000000
2	+ 0.31577612
4	+ 0.25747899
6	- 0.14706776
8	- 0.40116080
10	- 0.01692972
12	+ 0.57066833
14	- 0.40069813
16	+ 0.08507974

k	a(16,10,k)
0	+ 0.17555162
2	+ 0.09362753
4	- 0.31833361
6	- 0.25024086
8	+ 0.28797559
10	+ 0.34155499
12	- 0.54801570
14	+ 0.26202614
16	- 0.04414571

k	b(16,11,k)
0	+ 0.00000000
2	+ 0.36412565
4	+ 0.07282513
6	- 0.39181124
8	- 0.06319536
10	+ 0.51875752
12	- 0.42847843

k	b(16,12,k)
0	+ 0.18884189
2	- 0.02238126
4	- 0.39167207
6	+ 0.12818359
8	+ 0.39523273
10	- 0.50944759
12	+ 0.27960925
14	- 0.07716057
16	+ 0.00879404

k	b(16,13,k)
0	+ 0.00000000
2	+ 0.39171204
4	- 0.21092187
6	- 0.28762073
8	+ 0.51771731
10	- 0.37611941
12	+ 0.15234416
14	- 0.03392450
16	+ 0.00326602

k	b(16,14,k)
0	+ 0.21439077
2	- 0.19056957
4	- 0.26679740
6	+ 0.50934049
8	- 0.42445041
10	+ 0.21455735
12	- 0.06796537
14	+ 0.01252695
16	- 0.00103281

k	b(16,15,k)
0	+ 0.00000000
2	+ 0.37513658
4	- 0.52519121
6	+ 0.42970190
8	- 0.23872328
10	+ 0.09181664
12	- 0.02360999
14	+ 0.00367267
16	- 0.00026233

k	b(16,16,k)
0	+ 0.29841932
2	- 0.53052324
4	+ 0.37136627
6	- 0.20256342
8	+ 0.08440142
10	- 0.02596967
12	+ 0.00556493
14	- 0.00074199
16	+ 0.00004637

k	a(17, 0,k)
1	+ 0.30473523
3	+ 0.30879837
5	+ 0.31743609
7	+ 0.33186500
9	+ 0.35455662
11	+ 0.39073587
13	+ 0.45325361
15	+ 0.58545258
17	+ 1.13646677

k	b(17, 1,k)
1	+ 0.01742055
3	+ 0.05295848
5	+ 0.09073307
7	+ 0.13280021
9	+ 0.18241788
11	+ 0.24570571
13	+ 0.33684019
15	+ 0.50202144
17	+ 1.10444717

k	a(17, 2,k)
1	+ 0.30373773
3	+ 0.29158822
5	+ 0.26643959
7	+ 0.22632226
9	+ 0.16739813
11	+ 0.08199092
13	- 0.04755473
15	- 0.27641188
17	- 1.01351023

k	b(17, 3,k)
1	+ 0.05260892
3	+ 0.15431949
5	+ 0.24516492
7	+ 0.31661673
9	+ 0.35759520
11	+ 0.35148078
13	+ 0.26769344
15	+ 0.02659775
17	- 0.87772561

k	a(17, 4,k)
1	+ 0.30068501
3	+ 0.24054801
5	+ 0.12616154
7	- 0.02989646
9	- 0.20629912
11	- 0.36814972
13	- 0.45395470
15	- 0.32575453
17	+ 0.71665996

k	b(17, 5,k)
1	+ 0.08889939
3	+ 0.24180634
5	+ 0.32317103
7	+ 0.29626498
9	+ 0.14298503
11	- 0.12255860
13	- 0.42650392
15	- 0.55090089
17	+ 0.55090089

k	a(17, 6,k)
1	+ 0.29538151
3	+ 0.15753681
5	- 0.06609936
7	- 0.28009603
9	- 0.36492355
11	- 0.21246223
13	+ 0.20538015
15	+ 0.66320674
17	- 0.39792404

k	b(17, 7,k)
1	+ 0.12725633
3	+ 0.30541519
5	+ 0.28975287
7	+ 0.06158138
9	- 0.25807227
11	- 0.41298828
13	- 0.10744233
15	+ 0.66124436
17	- 0.26939585

k	a(17, 8,k)
1	+ 0.28744274
3	+ 0.04599084
5	- 0.25118074
7	- 0.34235838
9	- 0.08120760
11	+ 0.35630265
13	+ 0.38772896
15	- 0.57309938
17	+ 0.17038090

k	b(17, 9,k)
1	+ 0.16911648
3	+ 0.33372319
5	+ 0.13529318
7	- 0.24967742
9	- 0.36230611
11	+ 0.08555503
13	+ 0.54795767
15	- 0.44046311
17	+ 0.10024333

k	a(17,10,k)
1	+ 0.27616606
3	- 0.08837314
5	- 0.35349255
7	- 0.11850034
9	+ 0.35920899

k	a(17,11,k)
11	+ 0.24278335
13	- 0.56581762
15	+ 0.30259081
17	- 0.05456556

k	b(17,11,k)
1	+ 0.21698761
3	+ 0.31246217
5	- 0.11046642
7	- 0.38060704
9	+ 0.08149795
11	+ 0.47133076
13	- 0.47556843
15	+ 0.18601894
17	- 0.02728278

k	a(17,12,k)
1	+ 0.26020575
3	- 0.23591988
5	- 0.29143044
7	+ 0.27818360
9	+ 0.27003170
11	- 0.52841783
13	+ 0.33684817
15	- 0.10191088
17	+ 0.01240981

k	b(17,13,k)
1	+ 0.27619423
3	+ 0.22095539
5	- 0.35692793
7	- 0.09193598
9	+ 0.48463991
11	- 0.44155420
13	+ 0.20288910
15	- 0.04928113
17	+ 0.00506628

k	a(17,14,k)
1	+ 0.23658222
3	- 0.37853155
5	- 0.00000000
7	+ 0.42154650
9	- 0.48639980
11	+ 0.29117811
13	- 0.10323588
15	+ 0.02068026
17	- 0.00181986

k	b(17,15,k)
1	+ 0.36219107
3	+ 0.01931686
5	- 0.40565400
7	+ 0.49784809
9	- 0.34277290
11	+ 0.15196828
13	- 0.04336162
15	+ 0.00731136
17	- 0.00055722

k	a(17,16,k)
1	+ 0.19616361
3	- 0.47079267
5	+ 0.49932556
7	- 0.34952789
9	+ 0.17284346
11	- 0.06035803
13	+ 0.01426644
15	- 0.00205766
17	+ 0.00013718

k	b(17,17,k)
1	+ 0.57191029
3	- 0.45752823
5	+ 0.29115433
7	- 0.14557717
9	+ 0.05599122
11	- 0.01599749
13	+ 0.00319950
15	- 0.00039994
17	+ 0.00002353

k	a(18, 0,k)
6	+ 0.31278054
8	+ 0.32809148
10	+ 0.35152658
12	+ 0.38835318
14	+ 0.45146057
16	+ 0.58424309
18	+ 1.13602823

k	b(18, 1,k)
0	+ 0.00000000
2	+ 0.03219067
4	+ 0.06555192
6	+ 0.10147941
8	+ 0.14192924
10	+ 0.19008381
12	+ 0.25199682
14	+ 0.34177068
16	+ 0.50547597
18	+ 1.10572868

k	a(18, 2,k)
0	+ 0.14839167
2	+ 0.29154599
4	+ 0.27551651
6	+ 0.24765721
8	+ 0.20589994
10	+ 0.14638413
12	+ 0.06149901
14	- 0.06619685
16	- 0.29126613
18	- 1.01943148

k	b(18, 3,k)
0	+ 0.00000000
2	+ 0.09600227
4	+ 0.18618622
6	+ 0.26421137
8	+ 0.32249576
10	+ 0.35093009
12	+ 0.33401346
14	+ 0.24268166
16	+ 0.00000000
18	- 0.88983274

k	a(18, 4,k)
0	+ 0.14973461
2	+ 0.27304546
4	+ 0.19601621
6	+ 0.07536621
8	- 0.07628159
10	- 0.23865241
12	- 0.37922849
14	- 0.44085312
16	- 0.29390209
18	+ 0.73475521

k	b(18, 5,k)
0	+ 0.00000000
2	+ 0.15805244
4	+ 0.27587335
6	+ 0.31787330
8	+ 0.25846123
10	+ 0.08927115
12	- 0.16906862
14	- 0.44222011
16	- 0.52411273
18	+ 0.57324829

k	a(18, 6,k)
0	+ 0.15211528
2	+ 0.24159485
4	+ 0.07418670
6	- 0.13938790
8	- 0.31161418
10	- 0.34352648
12	- 0.15553892
14	+ 0.25313959
16	+ 0.65093038
18	- 0.42189932

k	b(18, 7,k)
0	+ 0.00000000
2	+ 0.21697644
4	+ 0.31560209
6	+ 0.22759766
8	- 0.02427708
10	- 0.30563114
12	- 0.38793789
14	- 0.04175721

k	b(18, 7,k)
16	+ 0.66811526
18	- 0.29230042

k	a(18, 8,k)
0	+ 0.15579390
2	+ 0.19611702
4	- 0.07331478
6	- 0.30425632
8	- 0.29618144
10	+ 0.00961296
12	+ 0.39124162
14	+ 0.32839764
16	- 0.59753556
18	+ 0.19012495

k	b(18, 9,k)
0	+ 0.00000000
2	+ 0.27105405
4	+ 0.28912432
6	+ 0.01204685
8	- 0.31338651
10	- 0.30985605
12	+ 0.17217804
14	+ 0.51662139
16	- 0.47604902
18	+ 0.11570636

k	a(18,10,k)
0	+ 0.16126200
2	+ 0.13470120
4	- 0.22159297
6	- 0.32404177
8	+ 0.00928699
10	+ 0.39151310
12	+ 0.14466482
14	- 0.57131062
16	+ 0.34111657
18	- 0.06559934

k	b(18,11,k)
0	+ 0.00000000
2	+ 0.31787019
4	+ 0.18494266
6	- 0.24273724
8	- 0.31685980
10	+ 0.19844153
12	+ 0.40739117
14	- 0.51180536
16	+ 0.22050855
18	- 0.03445446

k	a(18,12,k)
0	+ 0.16949871
2	+ 0.05384077
4	- 0.33500922
6	- 0.13958717
8	+ 0.35960779
10	+ 0.13763491
12	- 0.58265008
14	+ 0.38841072
16	- 0.12838952
18	+ 0.01664309

k	b(18,13,k)
0	+ 0.00000000
2	+ 0.35354711
4	- 0.00000000
6	- 0.38074305
8	+ 0.08520124
10	+ 0.41269351
12	- 0.48686424
14	+ 0.25360682
16	- 0.06694383
18	+ 0.00732198

k	a(18,14,k)
0	+ 0.18275231
2	- 0.05375068
4	- 0.36120457
6	+ 0.21070266
8	+ 0.27995459
10	- 0.50412875
12	+ 0.36024232
14	- 0.14260093
16	+ 0.03092731
18	- 0.00289427

k	b(18,15,k)
0	+ 0.00000000
2	+ 0.37052898
4	- 0.25151058
6	- 0.19911254
8	+ 0.48367419
10	- 0.42321492
12	+ 0.21650178
14	- 0.06831898
16	+ 0.01243734
18	- 0.00100765

k	a(18,16,k)
0	+ 0.20789774
2	- 0.20789774
4	- 0.21167769
6	+ 0.47627481
8	- 0.44777974
10	+ 0.26459712
12	- 0.10467578
14	+ 0.02718662
16	- 0.00422466
18	+ 0.00029932

k	b(18,17,k)
0	+ 0.00000000
2	+ 0.34787945
4	- 0.50600647
6	+ 0.44275566
8	- 0.27246502
10	+ 0.12163617
12	- 0.03892357
14	+ 0.00851453
16	- 0.00114481
18	+ 0.00007155

k	a(18,18,k)
0	+ 0.28989954
2	- 0.52181917
4	+ 0.37950485
6	- 0.22137783
8	+ 0.10217438
10	- 0.03649085
12	+ 0.00973089
14	- 0.00182454
16	+ 0.00021465
18	- 0.00001192

k	a(19, 0,k)
1	+ 0.28861638
3	+ 0.29170318
5	+ 0.29818548
7	+ 0.30877194
9	+ 0.32481204
11	+ 0.34887220
13	+ 0.38625136
15	+ 0.44986923
17	+ 0.58316382
19	+ 1.13563480

k	b(19, 1,k)
1	+ 0.01480571
3	+ 0.04489217
5	+ 0.07648296
7	+ 0.11087766
9	+ 0.14996256
11	+ 0.19686443
13	+ 0.25758560
15	+ 0.34616707
17	+ 0.50856643
19	+ 1.10687989

k	a(19, 2,k)
1	+ 0.28785586
3	+ 0.27861984
5	+ 0.25963470
7	+ 0.22974668
9	+ 0.18683185
11	+ 0.12703042
13	+ 0.04280373
15	- 0.08308959
17	- 0.30466184
19	- 1.02477164

k	b(19, 3,k)
1	+ 0.04465402
3	+ 0.13157413
5	+ 0.21114478
7	+ 0.27778787
9	+ 0.32465757
11	+ 0.34242329
13	+ 0.31650593
15	+ 0.21911949
17	- 0.02434661
19	- 0.90082456

k	a(19, 4,k)
1	+ 0.28553752
3	+ 0.23972936
5	+ 0.15167590
7	+ 0.02888233
9	- 0.11628225
11	- 0.26463924
13	- 0.38582305
15	- 0.42643600
17	- 0.26398420
19	+ 0.75133962

k	b(19, 5,k)
1	+ 0.07524574
3	+ 0.20883712
5	+ 0.29341816
7	+ 0.30216869
9	+ 0.21793003
11	+ 0.03935741
13	- 0.20869783
15	- 0.45271375
17	- 0.49766406
19	+ 0.59398613

k	a(19, 6,k)
1	+ 0.28154339
3	+ 0.17615307
5	- 0.00301116
7	- 0.19683032
9	- 0.32761103
11	- 0.31467550
13	- 0.10125642
15	+ 0.29347199
17	+ 0.63671409
19	- 0.44449852

k	b(19, 7,k)
1	+ 0.10719774
3	+ 0.27000073
5	+ 0.29694348
7	+ 0.15759964
9	- 0.09898956
11	- 0.33650403
13	- 0.35556841
15	+ 0.01820316
17	+ 0.67108987
19	- 0.31430791

k	a(19, 8,k)
1	+ 0.27565134
3	+ 0.08991835
5	- 0.16804413
7	- 0.32361535
9	- 0.23562463
11	+ 0.08988055
13	+ 0.41017790
15	+ 0.26940679
17	- 0.61728942
19	+ 0.20953861

k	b(19, 9,k)
1	+ 0.14136023
3	+ 0.30766639
5	+ 0.20880662
7	- 0.09651443
9	- 0.34319544
11	- 0.23246250
13	+ 0.24298639
15	+ 0.47919627
17	- 0.50759309
19	+ 0.13133527

k	a(19,10,k)
1	+ 0.26747534
3	- 0.01573384
5	- 0.29579626
7	- 0.25416209
9	+ 0.11992930
11	+ 0.39294266
13	+ 0.05173097
15	- 0.56653940
17	+ 0.37727605
19	- 0.07712273

k	b(19,11,k)
1	+ 0.17905834
3	+ 0.31311271
5	+ 0.03638619
7	- 0.31657455
9	- 0.22430336
11	+ 0.28518360
13	+ 0.33367954
15	- 0.53772744
17	+ 0.25459282
19	- 0.04224186

k	a(19,12,k)
1	+ 0.25634669
3	- 0.13571295
5	- 0.33174277
7	+ 0.01623916
9	+ 0.38151473
11	+ 0.01159940
13	- 0.49692874
15	+ 0.43323750
17	- 0.15601190
19	+ 0.02145889

k	b(19,13,k)
1	+ 0.22266248
3	+ 0.27505366
5	- 0.18336910
7	- 0.31791212
9	+ 0.22282453
11	+ 0.31712301
13	- 0.51216317
15	+ 0.30260552
17	- 0.08653069
19	+ 0.01003647

k	a(19,14,k)
1	+ 0.24101068
3	- 0.26163192
5	- 0.22253749
7	+ 0.33357491
9	+ 0.12075319
11	- 0.48347543
13	+ 0.41779481
15	- 0.18435186
17	+ 0.04314266
19	- 0.00427957

k	b(19,15,k)
1	+ 0.27727013
3	+ 0.17644463
5	- 0.36857323
7	+ 0.01508074
9	+ 0.40717992
11	- 0.47353516
13	+ 0.28039400
15	- 0.09759772
17	+ 0.01911705
19	- 0.00164114

k	a(19,16,k)
1	+ 0.21871363
3	- 0.37777809
5	+ 0.06627686
7	+ 0.34973788
9	- 0.48637017
11	+ 0.34769859
13	- 0.15575062
15	+ 0.04430953
17	- 0.00739242
19	+ 0.00055481

k	b(19,17,k)
1	+ 0.35777739
3	- 0.01721923
5	- 0.35586414
7	+ 0.48831978
9	- 0.37882312
11	+ 0.19691738
13	- 0.07042225
15	+ 0.01679070
17	- 0.00241970
19	+ 0.00016016

k	a(19,18,k)
1	+ 0.18104221
3	- 0.44437632
5	+ 0.49375147
7	- 0.37221265
9	+ 0.20509676
11	- 0.08355794
13	+ 0.02468757
15	- 0.00502688
17	+ 0.00063301
19	- 0.00003724

k	b(19,19,k)
1	+ 0.55800955
3	- 0.45655327
5	+ 0.30436885
7	- 0.16389092
9	+ 0.07023896
11	- 0.02341299
13	+ 0.00585325
15	- 0.00103293
17	+ 0.00011477
19	- 0.00000604

k	a(20, 0,k)
0	+ 0.14056403
2	+ 0.28247317
4	+ 0.28662719
6	+ 0.29397661
8	+ 0.30528340
10	+ 0.32193522
12	+ 0.34652749
14	+ 0.38438344
16	+ 0.44844735
18	+ 0.58219480
20	+ 1.13527986

k	b(20, 1,k)
0	+ 0.00000000
2	+ 0.02756656
4	+ 0.05594390
6	+ 0.08606754
8	+ 0.11917044
10	+ 0.15708830
12	+ 0.20290572
14	+ 0.26258388
16	+ 0.35011184
18	+ 0.51134755
20	+ 1.10791970

k	a(20, 2,k)
0	+ 0.14089991
2	+ 0.27775484
4	+ 0.26542164
6	+ 0.24416265
8	+ 0.21275181
10	+ 0.16903568
12	+ 0.10916888
14	+ 0.02568680
16	- 0.09846605
18	- 0.31680380
20	- 1.02961235

k	b(20, 3,k)
0	+ 0.00000000
2	+ 0.08230303
4	+ 0.16057161
6	+ 0.23048160
8	+ 0.28704365
10	+ 0.32399837
12	+ 0.33265217
14	+ 0.29919759
16	+ 0.19694019
18	- 0.04671017
20	- 0.91084835

k	a(20, 4,k)
0	+ 0.14193216
2	+ 0.26349127
4	+ 0.20377031
6	+ 0.10902494
8	- 0.01306200
10	- 0.15053213
12	- 0.28528102
14	- 0.38887468
16	- 0.41118716
18	- 0.23587481
20	+ 0.76659312

k	b(20, 5,k)
0	+ 0.00000000
2	+ 0.13582024
4	+ 0.24367750
6	+ 0.29818997
8	+ 0.27945027
10	+ 0.17669018
12	- 0.00637499
14	- 0.24224980
16	- 0.45899962
18	- 0.47174962
20	+ 0.61327450

k	a(20, 6,k)
0	+ 0.14374028
2	+ 0.23933789
4	+ 0.10765350
6	- 0.07077938
8	- 0.23963664
10	- 0.33139092
12	- 0.28116787
14	- 0.05035842
16	+ 0.32732975
18	+ 0.62108723
20	- 0.46581542

k	b(20, 7,k)
0	+ 0.00000000
2	+ 0.18720013
4	+ 0.29181196
6	+ 0.25920018
8	+ 0.08664208
10	- 0.16142532
12	- 0.35355654
14	- 0.31858941
16	+ 0.07252442
18	+ 0.67085088
20	- 0.33542544

k	a(20, 8,k)
0	+ 0.14647844
2	+ 0.20464930
4	- 0.01265659
6	- 0.23515705
8	- 0.31686201
10	- 0.16848398
12	+ 0.15822963
14	+ 0.41624371
16	+ 0.21192317
18	- 0.63291852
20	+ 0.22855391

k	b(20, 9,k)
0	+ 0.00000000
2	+ 0.23533664
4	+ 0.29301718
6	+ 0.11382295
8	- 0.18315792
10	- 0.34572833
12	- 0.15802498
14	+ 0.29893314
16	+ 0.43770169
18	- 0.53530835
20	+ 0.14702131

k	a(20,10,k)
0	+ 0.15042027
2	+ 0.15833712
4	- 0.14203771
6	- 0.31667424
8	- 0.16406878
10	+ 0.20761638
12	+ 0.37126343
14	- 0.03331528
16	- 0.55340376
18	+ 0.41088841
20	- 0.08902582

k	b(20,11,k)
0	+ 0.00000000
2	+ 0.27878127
4	+ 0.23778402
6	- 0.09839339
8	- 0.33806959
10	- 0.12087020
12	+ 0.34302940
14	+ 0.25544438
16	- 0.55419866
18	+ 0.28782169
20	- 0.05056327

k	a(20,12,k)
0	+ 0.15605977
2	+ 0.09856406
4	- 0.25945540
6	- 0.25897225
8	+ 0.14851508
10	+ 0.35784715
12	- 0.09993413
14	- 0.45602604
16	+ 0.47085525
18	- 0.18426871
20	+ 0.02681522

k	b(20,13,k)
0	+ 0.00000000
2	+ 0.31544234
4	+ 0.12061030
6	- 0.29403222
8	- 0.20685463
10	+ 0.31423459
12	+ 0.21067003
14	- 0.51905800
16	+ 0.34849077
18	- 0.10765444
20	+ 0.01320290

k	a(20,14,k)
0	+ 0.16436314
2	+ 0.02201994
4	- 0.33580413
6	- 0.04403989
8	+ 0.37095134
10	- 0.03048915
12	- 0.43298830
14	+ 0.46178539
16	- 0.22694988
18	+ 0.05714225
20	- 0.00599072

k	b(20,15,k)
0	+ 0.00000000
2	+ 0.34189209
4	- 0.05698202
6	- 0.34948969
8	+ 0.18935562
10	+ 0.29244924
12	- 0.49282138
14	+ 0.33967469
16	- 0.13015620
18	+ 0.02734793
20	- 0.00248039

k	a(20,16,k)
0	+ 0.17753249
2	- 0.07814827
4	- 0.32873240
6	+ 0.26502457
8	+ 0.17485349
10	- 0.46888963
12	+ 0.41390487
14	- 0.21011476
16	+ 0.06530677
18	- 0.01166151
20	+ 0.00092439

k	b(20,17,k)
0	+ 0.00000000
2	+ 0.35135110
4	- 0.27901411
6	- 0.12400627
8	+ 0.43879142
10	- 0.44833037
12	+ 0.27305227
14	- 0.10899646
16	+ 0.02824276
18	- 0.00434864
20	+ 0.00030394

k	a(20,18,k)
0	+ 0.20228155
2	- 0.22067078
4	- 0.16550308
6	+ 0.44134156
8	- 0.45831623
10	+ 0.30554415
12	- 0.14216291
14	+ 0.04643073
16	- 0.01023473
18	+ 0.00137514
20	- 0.00008540

k	b(20,19,k)
0	+ 0.00000000
2	+ 0.32481859
4	- 0.48722789
6	+ 0.44974882
8	- 0.29983255
10	+ 0.14991627
12	- 0.05621860
14	+ 0.01543256
16	- 0.00293953
18	+ 0.00034810
20	- 0.00001934

k	a(20,20,k)
0	+ 0.28247081
2	- 0.51358329
4	+ 0.38518746
6	- 0.23703844
8	+ 0.11851922
10	- 0.04740769
12	+ 0.01481490
14	- 0.00348586
16	+ 0.00058098
18	- 0.00006116
20	+ 0.00000306

k	a(21, 0,k)
1	+ 0.27481670
3	+ 0.27722737
5	+ 0.28224506
7	+ 0.29030920
9	+ 0.30221932
11	+ 0.31939088
13	+ 0.34444114
15	+ 0.38271238
17	+ 0.44716920
19	+ 0.58131996
21	+ 1.13495802

k	b(21, 1,k)
1	+ 0.01278563
3	+ 0.03869335
5	+ 0.06565614
7	+ 0.09454485
9	+ 0.12654464
11	+ 0.16345349
13	+ 0.20832308
15	+ 0.26708087
17	+ 0.35367130
19	+ 0.51386359
21	+ 1.10886354

k	a(21, 2,k)
1	+ 0.27422121
3	+ 0.26700486
5	+ 0.25224564
7	+ 0.22922516
9	+ 0.19667247
11	+ 0.15242117
13	+ 0.09264816
15	+ 0.00996217
17	- 0.11252006
19	- 0.32786019
21	- 1.03402059

k	b(21, 3,k)
1	+ 0.03852475
3	+ 0.11388458
5	+ 0.18406832
7	+ 0.24524093
9	+ 0.29287903
11	+ 0.32119988
13	+ 0.32203962
15	+ 0.28224536
17	+ 0.17606512
19	- 0.06731902
21	- 0.92002656

k	a(21, 4,k)
1	+ 0.27241115
3	+ 0.23656758
5	+ 0.16715107
7	+ 0.06889751
9	- 0.05053682
11	- 0.17967922
13	- 0.30144466
15	- 0.38912685
17	- 0.39546055
19	- 0.20944763
21	+ 0.78066842

k	b(21, 5,k)
1	+ 0.06478638
3	+ 0.18242482
5	+ 0.26523228
7	+ 0.29333004
9	+ 0.25224939
11	+ 0.13607131
13	- 0.04785382
15	- 0.27047814
17	- 0.46189344
19	- 0.44649700
21	+ 0.63125437

k	a(21, 6,k)
1	+ 0.26931195
3	+ 0.18662845
5	+ 0.04146468
7	- 0.12788950
9	- 0.26957277
11	- 0.32577510
13	- 0.24505206
15	- 0.00320330
17	+ 0.35556574
19	+ 0.60446176
21	- 0.48593984

k	b(21, 7,k)
1	+ 0.09198754
3	+ 0.23965175
5	+ 0.28922732
7	+ 0.21012580
9	+ 0.01905910
11	- 0.21171484
13	- 0.35942286
15	- 0.27900405
17	+ 0.12144882
19	+ 0.66796851
21	- 0.35567154

k	a(21, 8,k)
1	+ 0.26478537
3	+ 0.11845661
5	- 0.10136758
7	- 0.27607296
9	- 0.29120716
11	- 0.10018523
13	+ 0.21454299
15	+ 0.41214410
17	+ 0.15671250
19	- 0.64493220
21	+ 0.24712355

k	b(21, 9,k)
1	+ 0.12067136
3	+ 0.28050798
5	+ 0.24377108
7	+ 0.01867978
9	- 0.24597913
11	- 0.32762173
13	- 0.08426256
15	+ 0.34142214
17	+ 0.39372020
19	- 0.55944893
21	+ 0.16267664

k	a(21,10,k)
1	+ 0.25860276
3	+ 0.03402668
5	- 0.23018048
7	- 0.29623226
9	- 0.06860764
11	+ 0.27112027
13	+ 0.33326130
15	- 0.10905987
17	- 0.53359786
19	+ 0.44187979
21	- 0.10121269

k	b(21,11,k)
1	+ 0.15161931
3	+ 0.29924863
5	+ 0.12791412
7	- 0.20184614
9	- 0.31869302
11	- 0.01888389
13	+ 0.37521175
15	+ 0.17660033
17	- 0.56223838
19	+ 0.31986354
21	- 0.05934120

k	a(21,12,k)
1	+ 0.25039105
3	- 0.06369597
5	- 0.30814378
7	- 0.15038967
9	+ 0.24492486
11	+ 0.30288133
13	- 0.19283211
15	- 0.40428239
17	+ 0.50120945
19	- 0.21272903
21	+ 0.03266625

k	b(21,13,k)
1	+ 0.18608074
3	+ 0.28891484
5	- 0.04331839
7	- 0.32997314
9	- 0.07892930
11	+ 0.36131016
13	+ 0.10303778
15	- 0.50994346
17	+ 0.39030527
19	- 0.12994410
21	+ 0.01680665

k	a(21,14,k)
1	+ 0.23951741
3	- 0.17018343
5	- 0.29624522
7	+ 0.11885827
9	+ 0.34094868
11	- 0.15840150
13	- 0.36168613
15	+ 0.49161249
17	- 0.26909345
19	+ 0.07270800
21	- 0.00803512

k	b(21,15,k)
1	+ 0.22632268
3	+ 0.24021969
5	- 0.23227854
7	- 0.24299909
9	+ 0.30340068
11	+ 0.16133051
13	- 0.48377484
15	+ 0.39153267
17	- 0.16492612
19	+ 0.03707348
21	- 0.00354315

k	a(21,16,k)
1	+ 0.22480880
3	- 0.27805299
5	- 0.15973257
7	+ 0.35496127
9	- 0.00327656
11	- 0.40697674
13	+ 0.45883964
15	- 0.26456125
17	+ 0.08965047
19	- 0.01708686
21	+ 0.00142681

k	b(21,17,k)
1	+ 0.27725886
3	+ 0.13862943
5	- 0.36696026
7	+ 0.09785607
9	+ 0.32367776
11	- 0.47516648
13	+ 0.34255159
15	- 0.15257724
17	+ 0.04285912
19	- 0.00703120
21	+ 0.00051756

k	a(21,18,k)
1	+ 0.20370365
3	- 0.37345669
5	+ 0.11752134
7	+ 0.28205121
9	- 0.47008535
11	+ 0.38782041
13	- 0.20669929
15	+ 0.07450699
17	- 0.01773129
19	+ 0.00253477
21	- 0.00016575

k	b(21,19,k)
1	+ 0.35331477
3	- 0.04648878
5	- 0.31111725
7	+ 0.47203997
9	- 0.40337961
11	+ 0.23709280
13	- 0.10002451
15	+ 0.03008098
17	- 0.00616677
19	+ 0.00077610
21	- 0.00004539

k	a(21,20,k)
1	+ 0.16838954
3	- 0.42097385
5	+ 0.48573906
7	- 0.38859125
9	+ 0.23315475
11	- 0.10686259
13	+ 0.03714475
15	- 0.00952430
17	+ 0.00170435
19	- 0.00019049
21	+ 0.00001003

k	b(21,21,k)
1	+ 0.54564448
3	- 0.45470373
5	+ 0.31479489
7	- 0.17988279
9	+ 0.08394530
11	- 0.03147949
13	+ 0.00925867
15	- 0.00205748
17	+ 0.00032487
19	- 0.00003249
21	+ 0.00000155

k	a(22, 0,k)
0	+ 0.13417814
2	+ 0.26942118
4	+ 0.27269350
6	+ 0.27842236
8	+ 0.28708439
10	+ 0.29950631
12	+ 0.31712433
14	+ 0.34257258
16	+ 0.38120858
18	+ 0.44601404
20	+ 0.58052621
22	+ 1.13466487

k	b(22, 1,k)
0	+ 0.00000000
2	+ 0.02395446
4	+ 0.04849082
6	+ 0.07426430
8	+ 0.10209966
10	+ 0.13314679
12	+ 0.16917475
14	+ 0.21320892
16	+ 0.27114861
18	+ 0.35689936
20	+ 0.51615076
22	+ 1.10972413

k	a(22, 2,k)
0	+ 0.13444410
2	+ 0.26568715
4	+ 0.25595441
6	+ 0.23927830
8	+ 0.21488735
10	+ 0.18148339
12	+ 0.13689750
14	+ 0.07733337
16	- 0.00452922
18	- 0.12541409
20	- 0.33797038
22	- 1.03805187

k	b(22, 3,k)
0	+ 0.00000000
2	+ 0.07157765
4	+ 0.14025743
6	+ 0.20297098
8	+ 0.25626812
10	+ 0.29600200
12	+ 0.31678392
14	+ 0.31089675
16	+ 0.26574936
18	+ 0.15641132
20	- 0.08636854
22	- 0.92846181

k	a(22, 4,k)
0	+ 0.13525810
2	+ 0.25441404
4	+ 0.20702025
6	+ 0.13114187
8	+ 0.03170763
10	- 0.08377300
12	- 0.20434042
14	- 0.31385978
16	- 0.38716877
18	- 0.37951543
20	- 0.18458046
22	+ 0.79369597

k	b(22, 5,k)
0	+ 0.00000000
2	+ 0.11832619
4	+ 0.21653213
6	+ 0.27601929
8	+ 0.28138131
10	+ 0.22242787
12	+ 0.09692288
14	- 0.08519000
16	- 0.29406695
18	- 0.46205270
20	- 0.42198608
22	+ 0.64805004

k	a(22, 6,k)
0	+ 0.13667149
2	+ 0.23537868
4	+ 0.12978566
6	- 0.01930363
8	- 0.17431449
10	- 0.28854769
12	- 0.31309457
14	- 0.20780853
16	+ 0.04009865
18	+ 0.37893221
20	+ 0.58715876
22	- 0.50495652

k	b(22, 7,k)
0	+ 0.00000000
2	+ 0.16355523
4	+ 0.26751543
6	+ 0.26881194
8	+ 0.15551908
10	- 0.04262407
12	- 0.25067302
14	- 0.35640809
16	- 0.23827622
18	+ 0.16530412
20	+ 0.66291847
22	- 0.37507229

k	a(22, 8,k)
0	+ 0.13878121
2	+ 0.20817182
4	+ 0.03090270
6	- 0.17166461
8	- 0.29430512
10	- 0.25281547
12	- 0.03432348
14	+ 0.25941833
16	+ 0.40015598
18	+ 0.10425116
20	- 0.65378868
22	+ 0.26521616

k	b(22, 9,k)
0	+ 0.00000000
2	+ 0.20651305
4	+ 0.28426898
6	+ 0.17484017
8	- 0.06767372
10	- 0.28611328

k	b(22, 9,k)
12	- 0.29479381
14	- 0.01424897
16	+ 0.37203060
18	+ 0.34847540
20	- 0.58028686
22	+ 0.17823096

k	a(22,10,k)
0	+ 0.14175189
2	+ 0.17212730
4	- 0.07993528
6	- 0.27820612
8	- 0.24751724
10	+ 0.02233003
12	+ 0.31182475
14	+ 0.28453248
16	- 0.17496810
18	- 0.50859213
20	+ 0.47025280
22	- 0.11360039

k	b(22,11,k)
0	+ 0.00000000
2	+ 0.24626268
4	+ 0.25922387
6	+ 0.01143635
8	- 0.26837295
10	- 0.27080684
12	+ 0.07392839
14	+ 0.38574791
16	+ 0.09995030
18	- 0.56291088
20	+ 0.35048362
22	- 0.06850362

k	a(22,12,k)
0	+ 0.14586150
2	+ 0.12618177
4	- 0.18948590
6	- 0.29336805
8	- 0.03265738
10	+ 0.30303919
12	+ 0.22911912
14	- 0.26572188
16	- 0.34542652
18	+ 0.52453045
20	- 0.24103692
22	+ 0.03896461

k	b(22,13,k)
0	+ 0.00000000
2	+ 0.28154479
4	+ 0.18693662
6	- 0.17635223
8	- 0.30535153
10	+ 0.04402480
12	+ 0.37034742
14	+ 0.00105819
16	- 0.48752201
18	+ 0.42745325
20	- 0.15305763
22	+ 0.02082746

k	a(22,14,k)
0	+ 0.15160104
2	+ 0.06858142
4	- 0.28002498
6	- 0.18734371
8	+ 0.23748116
10	+ 0.26604711
12	- 0.25566177
14	- 0.27782392
16	+ 0.50768700
18	- 0.30973614
20	+ 0.08960652
22	- 0.01041373

k	b(22,15,k)
0	+ 0.00000000
2	+ 0.31050511
4	+ 0.06536950
6	- 0.31517436
8	- 0.09861456
10	+ 0.35533350
12	+ 0.03082719
14	- 0.45104213
16	+ 0.43421910
18	- 0.20089584
20	+ 0.04819764
22	- 0.00484229

k	a(22,16,k)
0	+ 0.15992163
2	- 0.00380766
4	- 0.32745858
6	+ 0.03426892
8	+ 0.34725840
10	- 0.15508884
12	- 0.31505699
14	+ 0.48127246
16	- 0.31640649
18	+ 0.11670177
20	- 0.02368292
22	+ 0.00207830

k	b(22,17,k)
0	+ 0.00000000
2	+ 0.33006048
4	- 0.10155707
6	- 0.30915167
8	+ 0.25807444
10	+ 0.17608204
12	- 0.46143456
14	+ 0.40003470
16	- 0.19893423
18	+ 0.06045290
20	- 0.01054041
22	+ 0.00081518

k	a(22,18,k)
0	+ 0.17298169
2	- 0.09747381
4	- 0.29675126
6	+ 0.29939139
8	+ 0.08363950
10	- 0.41677183
12	+ 0.44229418
14	- 0.27145255
16	+ 0.10789082
18	- 0.02765571
20	+ 0.00419577
22	- 0.00028821

k	b(22,19,k)
0	+ 0.00000000
2	+ 0.33404512
4	- 0.29753006
6	- 0.06085842
8	+ 0.38949390
10	- 0.45643817
12	+ 0.31932772
14	- 0.15174829
16	+ 0.04990935
18	- 0.01098466
20	+ 0.00146546
22	- 0.00009002

k	a(22,20,k)
0	+ 0.19734985
2	- 0.23024149
4	- 0.12650631
6	+ 0.40662744
8	- 0.45976009
10	+ 0.33777186
12	- 0.17815066
14	+ 0.06883432
16	- 0.01919136
18	+ 0.00367769
20	- 0.00043530
22	+ 0.00002406

k	b(22,21,k)
0	+ 0.00000000
2	+ 0.30502454
4	- 0.46926852
6	+ 0.45250893
8	- 0.32178413
10	+ 0.17597569
12	- 0.07453088
14	+ 0.02415353
16	- 0.00581137
18	+ 0.00098067
20	- 0.00010377
22	+ 0.00000519

k	a(22,22,k)
0	+ 0.27590507
2	- 0.50582597
4	+ 0.38909690
6	- 0.25013372
8	+ 0.13340465
10	- 0.05836453
12	+ 0.02059925
14	- 0.00572201
16	+ 0.00120463
18	- 0.00018069
20	+ 0.00001721
22	- 0.00000078

k	b(23, 5,k)
21	- 0.39426278
23	+ 0.66377129

k	a(23, 6,k)
1	+ 0.25844184
3	+ 0.19217470
5	+ 0.07309315
7	- 0.07305798
9	- 0.21068876
11	- 0.29840016
13	- 0.29523513
15	- 0.17049176
17	+ 0.07959358
19	+ 0.39808655
21	+ 0.56942862
23	- 0.52294465

k	b(23, 7,k)
1	+ 0.08010798
3	+ 0.21391471
5	+ 0.27504644
7	+ 0.23622726
9	+ 0.09952049
11	- 0.09711863
13	- 0.27944311
15	- 0.34647003
17	- 0.19746187
19	+ 0.20445825
21	+ 0.65609738
23	- 0.39365843

k	a(23, 8,k)
1	+ 0.25486992
3	+ 0.13723765
5	- 0.04938197
7	- 0.22257870
9	- 0.29407634
11	- 0.20664554
13	+ 0.02685876
15	+ 0.29382776
17	+ 0.38216325
19	+ 0.05480864
21	- 0.65989598
23	+ 0.28281256

k	b(23, 9,k)
1	+ 0.10469850
3	+ 0.25503481
5	+ 0.25705329
7	+ 0.09790216
9	- 0.14044279
11	- 0.30622878
13	- 0.25218816
15	+ 0.05014304
17	+ 0.39234580
19	+ 0.30290106
21	- 0.59809700
23	+ 0.19362852

k	a(23,10,k)
1	+ 0.25004544
3	+ 0.06869380
5	- 0.16992678
7	- 0.29064072
9	- 0.18213853
11	+ 0.10280251
13	+ 0.33243122
15	+ 0.22951103
17	- 0.23108482
19	- 0.47963871
21	+ 0.49606335
23	- 0.12611780

k	b(23,11,k)
1	+ 0.13082794
3	+ 0.28034558
5	+ 0.18197871
7	- 0.09344853
9	- 0.29952712
11	- 0.20550442
13	+ 0.15328500
15	+ 0.37876674
17	+ 0.02741034
19	- 0.55725709
21	+ 0.37952484
23	- 0.07798456

k	a(23,12,k)
1	+ 0.24374317
3	- 0.01160682
5	- 0.26311696
7	- 0.23431808
9	+ 0.07622974
11	+ 0.32606754
13	+ 0.14655853
15	- 0.31901242
17	- 0.28253438
19	+ 0.54123140
21	- 0.26890481
23	+ 0.04566308

k	b(23,13,k)
1	+ 0.15923122
3	+ 0.28521635
5	+ 0.05519086
7	- 0.26108762
9	- 0.23951780
11	+ 0.14884101
13	+ 0.34934760
15	- 0.09085362
17	- 0.45449940
19	+ 0.45962496
21	- 0.17668852
23	+ 0.02524122

k	a(23,14,k)
1	+ 0.23560566
3	- 0.10097386
5	- 0.30089703
7	- 0.05238493
9	+ 0.30299749
11	+ 0.16709622
13	- 0.32058417
15	- 0.18833303
17	+ 0.51106942
19	- 0.34807622
21	+ 0.10760273
23	- 0.01312228

k	b(23,15,k)
1	+ 0.19110143
3	+ 0.26390197
5	- 0.10530079
7	- 0.31122232
9	+ 0.04578634
11	+ 0.35359570
13	- 0.08734830
15	- 0.40001614
17	+ 0.46686729
19	- 0.23715872
21	+ 0.06059744
23	- 0.00638615

k	a(23,16,k)
1	+ 0.22503495
3	- 0.19536001
5	- 0.25541643
7	+ 0.19182728
9	+ 0.27057185
11	- 0.26545978
13	- 0.20706997
15	+ 0.48221391
17	- 0.36358307
19	+ 0.14577917
21	- 0.03143026
23	+ 0.00289235

k	b(23,17,k)
1	+ 0.22862298
3	+ 0.20852425
5	- 0.26379574
7	- 0.16803124
9	+ 0.33938763
11	+ 0.02424104
13	- 0.41394937
15	+ 0.44227783
17	- 0.24593644
19	+ 0.08071082
21	- 0.01492283
23	+ 0.00120996

k	a(23,18,k)
1	+ 0.21093007
3	- 0.28819384
5	- 0.10430608
7	+ 0.35464067
9	- 0.10082921
11	- 0.31721320
13	+ 0.46528693
15	- 0.33149862
17	+ 0.14523554
19	- 0.04001808
21	+ 0.00642868
23	- 0.00046286

k	b(23,19,k)
1	+ 0.27655560
3	+ 0.10636754
5	- 0.35749090
7	+ 0.16075094
9	+ 0.24208612
11	- 0.45533869
13	+ 0.38677608
15	- 0.20757876
17	+ 0.07457167
19	- 0.01758200
21	+ 0.00248073
23	- 0.00015970

k	a(23,20,k)
1	+ 0.19089435
3	- 0.36710452
5	+ 0.15733051
7	+ 0.22026271
9	- 0.44367204
11	+ 0.41331651
13	- 0.25265429
15	+ 0.10854019
17	- 0.03284619
19	+ 0.00672511
21	- 0.00084104
23	+ 0.00004871

k	b(23,21,k)
1	+ 0.34891964
3	- 0.07029516
5	- 0.27113849
7	+ 0.45189749
9	- 0.41875834
11	+ 0.27167014
13	- 0.13025280
15	+ 0.04646445
17	- 0.01207858
19	+ 0.00217321
21	- 0.00024279
23	+ 0.00001272

k	a(23,22,k)
1	+ 0.15762582
3	- 0.40012709
5	+ 0.47634178
7	- 0.40012709
9	+ 0.25722456
11	- 0.12945288
13	+ 0.05099659
15	- 0.01548479
17	+ 0.00350989
19	- 0.00056040
21	+ 0.00005631
23	- 0.00000268

k	b(23,23,k)
1	+ 0.53453518
3	- 0.45229899
5	+ 0.32307071
7	- 0.19384243
9	+ 0.09692121
11	- 0.03990873
13	+ 0.01330291
15	- 0.00350077
17	+ 0.00070015
19	- 0.00010002
21	+ 0.00000909
23	- 0.00000040

k	a(24, 0,k)
0	+ 0.12858986
2	+ 0.25803986
4	+ 0.26067292
6	+ 0.26524613
8	+ 0.27207232
10	+ 0.28167487
12	+ 0.29491599
14	+ 0.31326005
16	+ 0.33936505
18	+ 0.37861135
20	+ 0.44400786

k	a(24, 0,k)	k	a(24, 6,k)	k	a(24,12,k)	k	a(24,18,k)	k	a(24,24,k)
22	+ 0.57914069	22	+ 0.55146658	22	- 0.29610543	22	+ 0.00928876	22	- 0.00000479
24	+ 1.13415051	24	- 0.53997769	24	+ 0.05271574	24	- 0.00069963	24	+ 0.00000020

k	b(24, 1,k)	k	b(24, 7,k)	k	b(24,13,k)	k	b(24,19,k)
0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000
2	+ 0.02106887	2	+ 0.14443979	2	+ 0.25230809	2	+ 0.31849854
4	+ 0.04256771	4	+ 0.24466331	4	+ 0.22141322	4	- 0.13649937
6	+ 0.06497177	6	+ 0.26669387	6	- 0.07181702	6	- 0.26581457
8	+ 0.08885845	8	+ 0.19605509	8	- 0.29573706	8	+ 0.29993941
10	+ 0.11499328	10	+ 0.04495897	10	- 0.15105486	10	+ 0.07205308
12	+ 0.14447874	12	- 0.14395315	12	+ 0.22907562	12	- 0.40675123
14	+ 0.17904303	14	- 0.29928313	14	+ 0.30640845	14	+ 0.43321925
16	+ 0.22167232	16	- 0.33123911	16	- 0.17017684	16	- 0.26369416
18	+ 0.27822139	18	- 0.15731027	18	- 0.41340618	18	+ 0.10339210
20	+ 0.36253090	20	+ 0.23929078	20	+ 0.48672895	20	- 0.02606396
22	+ 0.52015303	22	+ 0.64783601	22	- 0.20056810	22	+ 0.00388124
24	+ 1.11123602	24	- 0.41146341	24	+ 0.03002134	24	- 0.00026134

k	a(24, 2,k)	k	a(24, 8,k)	k	a(24,14,k)	k	a(24,20,k)
0	+ 0.12880472	0	+ 0.13226062	0	+ 0.14191911	0	+ 0.16895992
2	+ 0.25502472	2	+ 0.20878599	2	+ 0.09872634	2	- 0.11301667
4	+ 0.24718268	4	+ 0.06243358	4	- 0.22112685	4	- 0.26639644
6	+ 0.23380660	6	- 0.11768325	6	- 0.25185290	6	+ 0.31967572
8	+ 0.21438783	8	- 0.25520454	8	+ 0.07650032	8	+ 0.00665991
10	+ 0.18809700	10	- 0.27956795	10	+ 0.31875688	10	- 0.35665782
12	+ 0.15361255	12	- 0.15651828	12	+ 0.06081051	12	+ 0.44973986
14	+ 0.10877827	14	+ 0.08208685	14	- 0.35504097	14	- 0.32214999
16	+ 0.04985671	16	+ 0.31890571	16	- 0.09866903	16	+ 0.15405082
18	- 0.03033952	18	+ 0.35970543	18	+ 0.50319118	18	- 0.05053010
20	- 0.14824991	20	+ 0.00850789	20	- 0.38353142	20	+ 0.01103125
22	- 0.35579978	22	- 0.66361497	22	+ 0.12646914	22	- 0.00145457
24	- 1.04516186	24	+ 0.29990292	24	- 0.01615231	24	+ 0.00008810

k	b(24, 3,k)	k	b(24, 9,k)	k	b(24,15,k)	k	b(24,21,k)
0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000
2	+ 0.06299485	2	+ 0.18295691	2	+ 0.28120513	2	+ 0.31841832
4	+ 0.12384702	4	+ 0.27007925	4	+ 0.13964609	4	- 0.30975388
6	+ 0.18030857	6	+ 0.20924646	6	- 0.22738719	6	- 0.00794241
8	+ 0.22990016	8	+ 0.02130182	8	- 0.24418936	8	+ 0.33953791
10	+ 0.26973409	10	- 0.19769758	10	+ 0.16643428	10	- 0.45201641
12	+ 0.29623157	12	- 0.30959593	12	+ 0.31105856	12	+ 0.35483872
14	+ 0.30461520	14	- 0.20375748	14	- 0.18617247	14	- 0.19338409
16	+ 0.28787810	16	+ 0.10789444	16	- 0.33606149	16	+ 0.07590777
18	+ 0.23434215	18	+ 0.40387413	18	+ 0.48929354	18	- 0.02128221
20	+ 0.12043880	20	+ 0.25769966	20	- 0.27293629	20	+ 0.00407403
22	- 0.12043879	22	- 0.61314747	22	+ 0.07413342	22	- 0.00047950
24	- 0.94343723	24	+ 0.20882559	24	- 0.00817904	24	+ 0.00002627

k	a(24, 4,k)	k	a(24,10,k)	k	a(24,16,k)	k	a(24,22,k)
0	+ 0.12946022	0	+ 0.13457439	0	+ 0.14771409	0	+ 0.19296583
2	+ 0.24593111	2	+ 0.18003263	2	+ 0.04347438	2	- 0.23749640
4	+ 0.20758169	4	- 0.03214868	4	- 0.28903608	4	- 0.09330216
6	+ 0.14576686	6	- 0.23092907	6	- 0.11832452	6	+ 0.37320863
8	+ 0.06378411	8	- 0.27476126	8	+ 0.28554260	8	- 0.45484802
10	- 0.03341868	10	- 0.10937480	10	+ 0.15633555	10	+ 0.36223191
12	- 0.13879892	12	+ 0.16976296	12	- 0.33016783	12	- 0.21130195
14	- 0.24240748	14	+ 0.33615380	14	- 0.09479814	14	+ 0.09301330
16	- 0.32979013	16	+ 0.17159999	16	+ 0.46408588	16	- 0.03083593
18	- 0.37840179	18	- 0.27782036	18	- 0.40463123	18	+ 0.00751039
20	- 0.34767686	20	- 0.44778859	20	+ 0.17620806	20	- 0.00127362
22	- 0.13907074	22	+ 0.51940329	22	- 0.04028242	22	+ 0.00013473
24	+ 0.81704061	24	- 0.13870429	24	+ 0.00387966	24	- 0.00000671

k	b(24, 5,k)	k	b(24,11,k)	k	b(24,17,k)	k	b(24,23,k)
0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000
2	+ 0.10427474	2	+ 0.21918557	2	+ 0.30420516	2	+ 0.28782663
4	+ 0.19365310	4	+ 0.26391731	4	+ 0.01862481	4	- 0.45229899
6	+ 0.25417949	6	+ 0.08828634	6	- 0.31662170	6	+ 0.45229899
8	+ 0.27385610	8	- 0.17686698	8	- 0.00356063	8	- 0.33922425
10	+ 0.24383525	10	- 0.30051287	10	+ 0.34700784	10	+ 0.19954367
12	+ 0.15994808	12	- 0.13179247	12	- 0.11165217	12	- 0.09312038
14	+ 0.02487696	14	+ 0.21733045	14	- 0.34160458	14	+ 0.03430751
16	- 0.14834461	16	+ 0.35814145	16	+ 0.46792210	16	- 0.00980215
18	- 0.32968927	18	- 0.03978918	18	- 0.29170665	18	+ 0.00210046
20	- 0.45619326	20	- 0.54625482	20	+ 0.10323805	20	- 0.00031825
22	- 0.37534889	22	+ 0.40689140	22	- 0.02020033	22	+ 0.00003044
24	+ 0.67851530	24	- 0.08772429	24	+ 0.00171375	24	- 0.00000138

k	a(24, 6,k)	k	a(24,12,k)	k	a(24,18,k)	k	a(24,24,k)
0	+ 0.13059089	0	+ 0.13770114	0	+ 0.15602176	0	+ 0.27003727
2	+ 0.23060867	2	+ 0.14368814	2	- 0.02504697	2	- 0.49853035
4	+ 0.14450478	4	- 0.13049229	4	- 0.31398169	4	+ 0.39170242
6	+ 0.01928307	6	- 0.28526701	6	+ 0.09660975	6	- 0.26113495
8	- 0.11918793	8	- 0.15033430	8	+ 0.30492452	8	+ 0.14688841
10	- 0.23797324	10	+ 0.16590819	10	- 0.23963007	10	- 0.06912396
12	- 0.30079886	12	+ 0.31991792	12	- 0.19245652	12	+ 0.02688154
14	- 0.27370009	14	+ 0.06267322	14	+ 0.45770822	14	- 0.00848891
16	- 0.13383934	16	- 0.35417602	16	- 0.38308588	16	+ 0.00212223
18	+ 0.11542324	18	- 0.21806214	18	+ 0.18506806	18	- 0.00040423
20	+ 0.41359993	20	+ 0.55183285	20	- 0.05472032	20	+ 0.00005512

k	b(25, 5,k)
19	- 0.34272680
21	- 0.45095631
23	- 0.35324911
25	+ 0.69236826

k	a(25, 0,k)
1	+ 0.25228442
3	+ 0.25385141
5	+ 0.25707492
7	+ 0.26214877
9	+ 0.26940548
11	+ 0.27938346
13	+ 0.29295674
15	+ 0.31159945
17	+ 0.33797824
19	+ 0.37748219
21	+ 0.44313126
23	+ 0.57853248
25	+ 1.13392366

k	b(25, 1,k)
1	+ 0.00989541
3	+ 0.02987061
5	+ 0.05041654
7	+ 0.07197624
9	+ 0.09510257
11	+ 0.12054153
13	+ 0.14937922
15	+ 0.18332904
17	+ 0.22536215
19	+ 0.28131532
21	+ 0.36500180
23	+ 0.52191395
25	+ 1.11190363

k	a(25, 2,k)
1	+ 0.25189600
3	+ 0.24720228
5	+ 0.23766585
7	+ 0.22296809
9	+ 0.20257324
11	+ 0.17563727
13	+ 0.14083608
15	+ 0.09602460
17	+ 0.03749532
19	- 0.04187789
21	- 0.15840766
23	- 0.36370036
25	- 1.04831279

k	b(25, 3,k)
1	+ 0.02977828
3	+ 0.08841004
5	+ 0.14422633
7	+ 0.19520586
9	+ 0.23908253
11	+ 0.27317902
13	+ 0.29413510
15	+ 0.29741448
17	+ 0.27629672
19	+ 0.21947926
21	+ 0.10396386
23	- 0.13573059
25	- 0.95011415

k	a(25, 4,k)
1	+ 0.25071982
3	+ 0.22736083
5	+ 0.18168103
7	+ 0.11581824
9	+ 0.03314692
11	- 0.06147452
13	- 0.16127116
15	- 0.25676749
17	- 0.33424430
19	- 0.37226649
21	- 0.33202147
23	- 0.11821977
25	+ 0.82753835

k	b(25, 5,k)
1	+ 0.04994458
3	+ 0.14331924
5	+ 0.21752262
7	+ 0.26104168
9	+ 0.26436661
11	+ 0.22102554
13	+ 0.12894162
15	- 0.00759898
17	- 0.17471935

k	a(25, 6,k)
1	+ 0.24872202
3	+ 0.19465202
5	+ 0.09578115
7	- 0.03002308
9	- 0.15769677
11	- 0.25725348
13	- 0.29720545
15	- 0.24967444
17	- 0.09835451
19	+ 0.14778446
21	+ 0.42596699
23	+ 0.53342465
25	- 0.55612357

k	b(25, 7,k)
1	+ 0.07060907
3	+ 0.19209175
5	+ 0.25850312
7	+ 0.24655881
9	+ 0.15184467
11	- 0.00633009
13	- 0.18317723
15	- 0.31144267
17	- 0.31205440
19	- 0.11834129
21	+ 0.27017539
23	+ 0.63841031
25	- 0.42852199

k	a(25, 8,k)
1	+ 0.24584177
3	+ 0.14964282
5	- 0.00916180
7	- 0.17200485
9	- 0.27168905
11	- 0.25455345
13	- 0.10527529
15	+ 0.13075984
17	+ 0.33582058
19	+ 0.33402876
21	- 0.03463052
23	- 0.66526326
25	+ 0.31648446

k	b(25, 9,k)
1	+ 0.09203103
3	+ 0.23207824
5	+ 0.25824579
7	+ 0.14978567
9	- 0.04948196
11	- 0.23935371
13	- 0.29954600
15	- 0.15255711
17	+ 0.15857802
19	+ 0.40799501
21	+ 0.21339085
23	- 0.62569385
25	+ 0.22378831

k	a(25,10,k)
1	+ 0.24198351
3	+ 0.09318620
5	- 0.11843665
7	- 0.26336175
9	- 0.23838305
11	- 0.03609224
13	+ 0.22215751
15	+ 0.32624614
17	+ 0.11333611
19	- 0.31580095
21	- 0.41391387
23	+ 0.54038755
25	- 0.15130851

k	b(25,11,k)
1	+ 0.11454643
3	+ 0.26039748
5	+ 0.21201762
7	- 0.00613174
9	- 0.23504068
11	- 0.27791547
13	- 0.05647915
15	+ 0.26582541
17	+ 0.32731307

k	b(25,11,k)
19	- 0.10093476
21	- 0.53079810
23	+ 0.43253514
25	- 0.09766923

k	a(25,12,k)
1	+ 0.23700296
3	+ 0.02649723
5	- 0.21408075
7	- 0.26512444
9	- 0.05750490
11	+ 0.23178919
13	+ 0.29134642
15	- 0.01728882
17	- 0.37324673
19	- 0.15391430
21	+ 0.56690890
23	- 0.32246350
25	+ 0.06007875

k	b(25,13,k)
1	+ 0.13862247
3	+ 0.27380091
5	+ 0.12078728
7	- 0.17327809
9	- 0.28725327
11	- 0.05515523
13	+ 0.28298084
15	+ 0.24887030
17	- 0.23579788
19	- 0.36650495
21	+ 0.50883460
23	- 0.22446521
25	+ 0.03513992

k	a(25,14,k)
1	+ 0.23068174
3	- 0.04871540
5	- 0.27578101
7	- 0.16025251
9	+ 0.17992851
11	+ 0.29423089
13	- 0.04077064
15	- 0.36288358
17	- 0.01288269
19	+ 0.48565259
21	- 0.41570778
23	+ 0.14599201
25	- 0.01949212

k	b(25,15,k)
1	+ 0.16495981
3	+ 0.26844391
5	- 0.00690219
7	- 0.28566280
9	- 0.14185260
11	+ 0.25170886
13	+ 0.24131064
15	- 0.26232711
17	- 0.26406621
19	+ 0.50181136
21	- 0.30758471
23	+ 0.08865807
25	- 0.01022175

k	a(25,16,k)
1	+ 0.22267877
3	- 0.13001121
5	- 0.28228370
7	+ 0.03149841
9	+ 0.31249587
11	+ 0.03132310
13	- 0.35209049
15	+ 0.01273692
17	+ 0.43005853
19	- 0.43863576
21	+ 0.20735397
23	- 0.05017258
25	+ 0.00504816

k	b(25,17,k)
1	+ 0.19470712
3	+ 0.23945347
5	- 0.15237948
7	- 0.27482728
9	+ 0.14157997
11	+ 0.29759068
13	- 0.21953172
15	- 0.25355186
17	+ 0.47705745

k	b(25,17,k)
19	- 0.33469698
21	+ 0.12759606
23	- 0.02637298
25	+ 0.00233685

k	a(25,18,k)
1	+ 0.21242818
3	- 0.21374761
5	- 0.21374761
7	+ 0.24046606
9	+ 0.19017251
11	- 0.32015573
13	- 0.06133510
15	+ 0.42346953
17	- 0.42371054
19	+ 0.22593293
21	- 0.07158008
23	+ 0.01281542
25	- 0.00100795

k	b(25,19,k)
1	+ 0.22998016
3	+ 0.17998447
5	- 0.28283274
7	- 0.09861931
9	+ 0.34467504
11	- 0.08683461
13	- 0.32287422
15	+ 0.45592205
17	- 0.31669991
19	+ 0.13548472
21	- 0.03645650
23	+ 0.00571874
25	- 0.00040203

k	a(25,20,k)
1	+ 0.19889261
3	- 0.29401517
5	- 0.05616760
7	+ 0.34085582
9	- 0.17445796
11	- 0.22568292
13	+ 0.44537774
15	- 0.38010737
17	+ 0.20276123
19	- 0.07201410
21	+ 0.01673279
23	- 0.00232187
25	+ 0.00014680

k	b(25,21,k)
1	+ 0.27540640
3	+ 0.07868754
5	- 0.34347737
7	+ 0.20780381
9	+ 0.16638448
11	- 0.42146694
13	+ 0.41372540
15	- 0.25792705
17	+ 0.11143342
19	- 0.03364783
21	+ 0.00684013
23	- 0.00084649
25	+ 0.00004840

k	a(25,22,k)
1	+ 0.17981821
3	- 0.35963641
5	+ 0.18838098
7	+ 0.16483336
9	- 0.41139081
11	+ 0.42662751
13	- 0.29190303
15	+ 0.14391024
17	- 0.05205264
19	+ 0.01359970
21	- 0.00244469
23	+ 0.00027173
25	- 0.00001412

k	b(25,23,k)
1	+ 0.34465156
3	- 0.08990910
5	- 0.23547622
7	+ 0.42974410
9	- 0.42697380
11	+ 0.30057847
13	- 0.15973016
15	+ 0.06506580
17	- 0.02015764

k	b(25,23,k)
19	+ 0.00461939
21	- 0.00074084
23	+ 0.00007442
25	- 0.00000353

k	a(25,24,k)
1	+ 0.14834245
3	- 0.38145202
5	+ 0.46621913
7	- 0.40794174
9	+ 0.27767463
11	- 0.15083560
13	+ 0.06567483
15	- 0.02273360
17	+ 0.00613446
19	- 0.00124658
21	+ 0.00017971
23	- 0.00001640
25	+ 0.00000071

k	b(25,25,k)
1	+ 0.52446977
3	- 0.44954551
5	+ 0.32966671
7	- 0.20604169
9	+ 0.10908090
11	- 0.04848040
13	+ 0.01786120
15	- 0.00535836
17	+ 0.00127580
19	- 0.00023196
21	+ 0.00003026
23	- 0.00000252
25	+ 0.00000010

k	a(26, 0,k)
0	+ 0.12364597
2	+ 0.24799848
4	+ 0.25015499
6	+ 0.25387753
8	+ 0.25937952
10	+ 0.26700833
12	+ 0.27731392
14	+ 0.29117961
16	+ 0.31008738
18	+ 0.33671104
20	+ 0.37644713
22	+ 0.44232538
24	+ 0.57797183
26	+ 1.13371397

k	b(26, 1,k)
0	+ 0.00000000
2	+ 0.01872020
4	+ 0.03776597
6	+ 0.05749194
8	+ 0.07831719
10	+ 0.10077580
12	+ 0.12559847
14	+ 0.15385813
16	+ 0.18725590
18	+ 0.22875011
20	+ 0.28416162
22	+ 0.36727890
24	+ 0.52353938
26	+ 1.11252118

k	a(26, 2,k)
0	+ 0.12382248
2	+ 0.24552228
4	+ 0.23909274
6	+ 0.22816406
8	+ 0.21238801
10	+ 0.19121016
12	+ 0.16377757
14	+ 0.12876715
16	+ 0.08404659
18	+ 0.02593782
20	- 0.05262747
22	- 0.16784403
24	- 0.37102366
26	- 1.05123370

k	b(26, 3,k)
0	+ 0.00000000
2	+ 0.05599991
4	+ 0.11037663
6	+ 0.16143935
8	+ 0.20735067
10	+ 0.24602102
12	+ 0.27495022
14	+ 0.29096499
16	+ 0.28973812
18	+ 0.26480064
20	+ 0.20518345
22	+ 0.08839987
24	- 0.15001190
26	- 0.95632586

k	a(26, 4,k)
0	+ 0.12435967
2	+ 0.23805994
4	+ 0.20651429
6	+ 0.15540324
8	+ 0.08701016
10	+ 0.00472250
12	- 0.08672411
14	- 0.18082594
16	- 0.26855331
18	- 0.33685802
20	- 0.36530381
22	- 0.31664654
24	- 0.09851226
26	+ 0.83735417

k	b(26, 5,k)
0	+ 0.00000000
2	+ 0.09279054
4	+ 0.17428484
6	+ 0.23379182
8	+ 0.26187192
10	+ 0.25107643
12	+ 0.19685802
14	+ 0.09878942
16	- 0.03763750
18	- 0.19801337
20	- 0.35314486
22	- 0.44458416
24	- 0.33195617
26	+ 0.70540687

k	a(26, 6,k)
0	+ 0.12528155
2	+ 0.22550679
4	+ 0.15425971
6	+ 0.04833066
8	- 0.07397569
10	- 0.18895216
12	- 0.26962211
14	- 0.28887118
16	- 0.22408336
18	- 0.06436801
20	+ 0.17690255
22	+ 0.43561524
24	+ 0.51542087
26	- 0.57144487

k	b(26, 7,k)
0	+ 0.00000000
2	+ 0.12874165
4	+ 0.22389852
6	+ 0.25848285
8	+ 0.21816985
10	+ 0.10624960
12	- 0.05324106
14	- 0.21515681
16	- 0.31709597
18	- 0.29000415
20	- 0.08090391
22	+ 0.29746958
24	+ 0.62805068
26	- 0.44486923

k	a(26, 8,k)
0	+ 0.12663181
2	+ 0.20767617
4	+ 0.08544894
6	- 0.07318689
8	- 0.21211343
10	- 0.27459535
12	- 0.22225426
14	- 0.05495810
16	+ 0.17273268
18	+ 0.34570043
20	+ 0.30613405
22	- 0.07465627
24	- 0.66511954
26	+ 0.33255977

k	b(26, 9,k)
0	+ 0.00000000
2	+ 0.16346228
4	+ 0.25395879
6	+ 0.22675456
8	+ 0.08571007
10	- 0.11121246
12	- 0.26642861
14	- 0.27918016
16	- 0.10087863
18	+ 0.20216560
20	+ 0.40594208
22	+ 0.17035070
24	- 0.63597592
26	+ 0.23849097

k	a(26,10,k)
0	+ 0.12848055
2	+ 0.18427782
4	+ 0.00457103
6	- 0.18424749
8	- 0.27064413
10	- 0.18869430
12	+ 0.03297471
14	+ 0.26022484
16	+ 0.30574332
18	+ 0.05655326
20	- 0.34576604
22	- 0.37873103
24	+ 0.55914471
26	- 0.16388724

k	b(26,11,k)
0	+ 0.00000000
2	+ 0.19649562
4	+ 0.25971595
6	+ 0.13968276
8	- 0.09082864
10	- 0.26818121
12	- 0.23836567
14	+ 0.01560803
16	+ 0.29954263
18	+ 0.28922788
20	- 0.15569362
22	- 0.51168863
24	+ 0.45644437
26	- 0.10777159

k	a(26,12,k)
0	+ 0.13093652
2	+ 0.15487920
4	- 0.08236802
6	- 0.25797748
8	- 0.21494735
10	+ 0.03235620
12	+ 0.27322197
14	+ 0.24689422
16	- 0.08989895
18	- 0.37848491
20	- 0.09152402
22	+ 0.55704957
24	- 0.34784777
26	+ 0.06771083

k	b(26,13,k)
0	+ 0.00000000
2	+ 0.22728063
4	+ 0.23716240
6	+ 0.01023469
8	- 0.23998576
10	- 0.24631757
12	+ 0.03707957
14	+ 0.31179810
16	+ 0.18294094
18	- 0.28759955
20	- 0.31575332
22	+ 0.52612532
24	- 0.24818426
26	+ 0.04056858

k	a(26,14,k)
0	+ 0.13417001
2	+ 0.11883630
4	- 0.16760418
6	- 0.26973411
8	- 0.05187034
10	+ 0.24919004
12	+ 0.24094409
14	- 0.12985974
16	- 0.34883873
18	+ 0.06620305
20	+ 0.46008375
22	- 0.44436739
24	+ 0.16597490
26	- 0.02312765

k	b(26,15,k)
0	+ 0.00000000
2	+ 0.25508870
4	+ 0.18336811
6	- 0.13540474
8	- 0.28413607
10	- 0.02854253
12	+ 0.29882244
14	+ 0.15662082
16	- 0.31518511
18	- 0.18822213
20	+ 0.50507324
22	- 0.34059047
24	+ 0.10402216
26	- 0.01251210

k	a(26,16,k)
0	+ 0.13845767
2	+ 0.07516274
4	- 0.24120874
6	- 0.20275879
8	+ 0.15797934
10	+ 0.28371176
12	- 0.08501556
14	- 0.33803614
16	+ 0.10925309
18	+ 0.38356660
20	- 0.46513875
22	+ 0.23864292
24	- 0.06101941
26	+ 0.00640327

k	b(26,17,k)
0	+ 0.00000000
2	+ 0.27890874
4	+ 0.09701174
6	- 0.25768742
8	- 0.17262382
10	+ 0.24405039
12	+ 0.21134636
14	- 0.29409940
16	- 0.15810563
18	+ 0.47079998
20	- 0.37370984
22	+ 0.15333267
24	- 0.03342232
26	+ 0.00308793

k	a(26,18,k)
0	+ 0.14427918
2	+ 0.02226022
4	- 0.29035064
6	- 0.05589250
8	+ 0.30341642
10	+ 0.05036065
12	- 0.34348338
14	+ 0.06156442
16	+ 0.36809010
18	- 0.45201540
20	+ 0.26648935
22	- 0.09035453
24	+ 0.01703267
26	- 0.00139657

k	b(26,19,k)
0	+ 0.00000000
2	+ 0.29721482
4	- 0.02067581
6	- 0.30561437
8	+ 0.07481380
10	+ 0.30904700
12	- 0.21281399
14	- 0.21760161
16	+ 0.45497908
18	- 0.36385974
20	+ 0.16985870
22	- 0.04871583
24	+ 0.00803601
26	- 0.00058885

k	a(26,20,k)
0	+ 0.15255518
2	- 0.04271545
4	- 0.29778772
6	+ 0.14527612
8	+ 0.25411335

k	a(26,20,k)
10	- 0.29120093
12	- 0.07855411
14	+ 0.40463680
16	- 0.42215562
18	+ 0.25203250
20	- 0.09685874
22	+ 0.02391502
24	- 0.00348612
26	+ 0.00022971

k	b(26,21,k)
0	+ 0.00000000
2	+ 0.30742046
4	- 0.16395758
6	- 0.22275784
8	+ 0.32205953
10	- 0.01657659
12	- 0.33967476
14	+ 0.44215882
16	- 0.31827060
18	+ 0.15148944
20	- 0.04920808
22	+ 0.01060490
24	- 0.00137753
26	+ 0.00008207

k	a(26,22,k)
0	+ 0.16536588
2	- 0.12567807
4	- 0.23812687
6	+ 0.33002305
8	- 0.05716935
10	- 0.29425399
12	+ 0.44107125
14	- 0.36053857
16	+ 0.19981113
18	- 0.07883294
20	+ 0.02206235
22	- 0.00419665
24	+ 0.00048926
26	- 0.00002649

k	b(26,23,k)
0	+ 0.00000000
2	+ 0.30427322
4	- 0.31750249
6	+ 0.03638049
8	+ 0.29104395
10	- 0.43870595
12	+ 0.38024937
14	- 0.23179893
16	+ 0.10452352
18	- 0.03508009
20	+ 0.00858327
22	- 0.00145444
24	+ 0.00015315
26	- 0.00000757

k	a(26,24,k)
0	+ 0.18902895
2	- 0.24303722
4	- 0.06480992
6	+ 0.34160231
8	- 0.44556823
10	+ 0.38004349
12	- 0.24094711
14	+ 0.11780658
16	- 0.04469477
18	+ 0.01300044
20	- 0.00281346
22	+ 0.00042802
24	- 0.00004093
26	+ 0.00000185

k	b(26,25,k)
0	+ 0.00000000
2	+ 0.27272840
4	- 0.43636543
6	+ 0.45000185
8	- 0.35294263
10	+ 0.22058914
12	- 0.11145557
14	+ 0.04551102
16	- 0.01486074
18	+ 0.00379962
20	- 0.00073423
22	+ 0.00010096
24	- 0.00000881
26	+ 0.00000037

k	a(26,26,k)
0	+ 0.26474437
2	- 0.49166811
4	+ 0.39333448
6	- 0.27041746
8	+ 0.15906909
10	- 0.07953455
12	+ 0.03348823
14	- 0.01172088
16	+ 0.00334882
18	- 0.00076110
20	+ 0.00013236
22	- 0.00001655
24	+ 0.00000132
26	- 0.00000005

k	a(27, 0,k)
1	+ 0.24291766
3	+ 0.24421322
5	+ 0.24686771
7	+ 0.25101675
9	+ 0.25688849
11	+ 0.26484169
13	+ 0.27543536
15	+ 0.28956025
17	+ 0.30870473
19	+ 0.33554862
21	+ 0.37549488
23	+ 0.44158198
25	+ 0.57745336
27	+ 1.13351955

k	b(27, 1,k)
1	+ 0.00883483
3	+ 0.02664585
5	+ 0.04489246
7	+ 0.06390574
9	+ 0.08408649
11	+ 0.10595419
13	+ 0.13022733
15	+ 0.15796807
17	+ 0.19086720
19	+ 0.23187192
21	+ 0.28678895
23	+ 0.36938417
25	+ 0.52504439
27	+ 1.11309410

k	a(27, 2,k)
1	+ 0.24259613
3	+ 0.23871459
5	+ 0.23084604
7	+ 0.21876711
9	+ 0.20210847
11	+ 0.18030298
13	+ 0.15249282
15	+ 0.11735830
17	+ 0.07278078
19	+ 0.01511081
21	- 0.06266542
23	- 0.17663295
25	- 0.37783074
27	- 1.05394891

k	b(27, 3,k)
1	+ 0.02657507
3	+ 0.07901655
5	+ 0.12930507
7	+ 0.17591136
9	+ 0.21714967
11	+ 0.25107850
13	+ 0.27534866
15	+ 0.28694833
17	+ 0.28173317
19	+ 0.25345664
21	+ 0.19144756
23	+ 0.07368061
25	- 0.16337875
27	- 0.96211932

k	a(27, 4,k)
1	+ 0.24162379
3	+ 0.22229389
5	+ 0.18436946
7	+ 0.12935833
9	+ 0.05962211
11	- 0.02148112
13	- 0.10935758
15	- 0.19777052
17	- 0.27810686

k	b(27, 5,k)
1	+ 0.04453186
3	+ 0.12860800
5	+ 0.19796540
7	+ 0.24361978
9	+ 0.25788524
11	+ 0.23501968
13	+ 0.17203575
15	+ 0.06980607
17	- 0.06527908
19	- 0.21850891
21	- 0.36129632
23	- 0.43731079
25	- 0.31145450
27	+ 0.71769949

k	a(27, 6,k)
1	+ 0.23997671
3	+ 0.19518106
5	+ 0.11216303
7	+ 0.00366409
9	- 0.11224702
11	- 0.21352131
13	- 0.27611414
15	- 0.27685031
17	- 0.19764269
19	- 0.03208447
21	+ 0.20301383
23	+ 0.44291392
25	+ 0.49754648
27	- 0.58599918

k	b(27, 7,k)
1	+ 0.06286632
3	+ 0.17351104
5	+ 0.24159800
7	+ 0.24757822
9	+ 0.18443001
11	+ 0.06118805
13	- 0.09519071
15	- 0.24043563
17	- 0.31730949
19	- 0.26596525
21	- 0.04522051
23	+ 0.32150894
25	+ 0.61694959
27	- 0.46053983

k	a(27, 8,k)
1	+ 0.23761235
3	+ 0.15777460
5	+ 0.02196365
7	- 0.12730553
9	- 0.23883832
11	- 0.26652515
13	- 0.18531698
15	- 0.00697672
17	+ 0.20815849
19	+ 0.34959286
21	+ 0.27681924
23	- 0.11166607
25	- 0.66342782
27	+ 0.34813539

k	b(27, 9,k)
1	+ 0.08176802
3	+ 0.21172466
5	+ 0.25280538
7	+ 0.18231006
9	+ 0.02219482
11	- 0.16229901
13	- 0.28052768
15	- 0.25123434
17	- 0.05038854
19	+ 0.23888867
21	+ 0.39880049
23	+ 0.12884323
25	- 0.64421617
27	+ 0.25291450

k	a(27,10,k)
1	+ 0.23446503
3	+ 0.11066749
5	- 0.07570162
7	- 0.22791560
9	- 0.25752492
11	- 0.13174574
13	+ 0.09482133
15	+ 0.28498361
17	+ 0.27733824
19	+ 0.00252917
21	- 0.36849950
23	- 0.34282341
25	+ 0.57581019
27	- 0.17640428

k	b(27,11,k)
1	+ 0.10147394
3	+ 0.24110207
5	+ 0.22690454
7	+ 0.05956961
9	- 0.15984351
11	- 0.27882849
13	- 0.18783903
15	+ 0.08128214
17	+ 0.31983612
19	+ 0.24633978
21	- 0.20400679
23	- 0.48963499
25	+ 0.47863490
27	- 0.11798907

k	a(27,12,k)
1	+ 0.23043801
3	+ 0.05469062
5	- 0.16785906
7	- 0.26528424
9	- 0.14684579
11	+ 0.11151754
13	+ 0.29198745
15	+ 0.19234716
17	- 0.15314065
19	- 0.37216301
21	- 0.03193330
23	+ 0.55283558
25	- 0.37216378
27	+ 0.07557349

k	b(27,13,k)
1	+ 0.12229870
3	+ 0.25927325
5	+ 0.16286997
7	- 0.09087325
9	- 0.27091821
11	- 0.18419133
13	+ 0.11836980
15	+ 0.31846804
17	+ 0.11360413
19	- 0.32613440
21	- 0.26280113
23	+ 0.53886155
25	- 0.27156239
27	+ 0.04627912

k	a(27,14,k)
1	+ 0.22538989
3	- 0.00901560
5	- 0.23959926
7	- 0.21812422
9	+ 0.05340760
11	+ 0.28315117
13	+ 0.17007001
15	- 0.20212276
17	- 0.31778990
19	+ 0.13677986
21	+ 0.42805398
23	- 0.46939815
25	+ 0.18624052
27	- 0.02704314

k	b(27,15,k)
1	+ 0.14468695
3	+ 0.26352317
5	+ 0.06445489
7	- 0.22386217
9	- 0.23663656
11	+ 0.07773540
13	+ 0.31060341
15	+ 0.06703012
17	- 0.34592454
19	- 0.11195405
21	+ 0.49994343
23	- 0.37156000
25	+ 0.12007946
27	- 0.01504542

k	a(27,16,k)
1	+ 0.21911039
3	- 0.07887974
5	- 0.27484064
7	- 0.08640570
9	+ 0.24245041
11	+ 0.21597961
13	- 0.18056831
15	- 0.29644052
17	+ 0.19087081
19	+ 0.32798293
21	- 0.48404723
23	+ 0.26957211
25	- 0.07273216
27	+ 0.00794805

k	b(27,17,k)
1	+ 0.16931257
3	+ 0.25058261
5	- 0.05837603
7	- 0.28612959
9	- 0.04596555
11	+ 0.29624364
13	+ 0.10730805
15	- 0.33502654
17	- 0.06219489
19	+ 0.45092019
21	- 0.40788419
23	+ 0.18000438
25	- 0.04131487
27	+ 0.00397403

k	a(27,18,k)
1	+ 0.21127424
3	- 0.15268085
5	- 0.25751574
7	+ 0.09922540
9	+ 0.29044594
11	- 0.08324103
13	- 0.31878788
15	+ 0.16636359
17	+ 0.29763463
19	- 0.46760230
21	+ 0.30556898
23	- 0.11076191
25	+ 0.02195028
27	- 0.00187337

k	b(27,19,k)
1	+ 0.19728768
3	+ 0.21622730
5	- 0.18742330
7	- 0.23003744
9	+ 0.20902111
11	+ 0.21885174
13	- 0.29548043
15	- 0.10399957
17	+ 0.43250745
19	- 0.40317638
21	+ 0.20550297
23	- 0.06274040
25	+ 0.01086615
27	- 0.00082864

k	a(27,20,k)
1	+ 0.20134474
3	- 0.22711687
5	- 0.17355917
7	+ 0.27020464
9	+ 0.11073961
11	- 0.33564730
13	+ 0.06168505
15	+ 0.33546902
17	- 0.44605278
19	+ 0.29944237
21	- 0.12447788
23	+ 0.03261286
25	- 0.00498616
27	+ 0.00034187

k	b(27,21,k)
1	+ 0.23066938
3	+ 0.15439471
5	- 0.29295011
7	- 0.03697301
9	+ 0.32985722
11	- 0.17133093
13	- 0.22507904
15	+ 0.43902406
17	- 0.36983372
19	+ 0.19426467
21	- 0.06782325
23	+ 0.01547221
25	- 0.00210611
27	+ 0.00013055

k	a(27,22,k)
1	+ 0.18834076
3	- 0.29682504
5	- 0.01469058
7	+ 0.31904925
9	- 0.22789232
11	- 0.13899315
13	+ 0.40724287
15	- 0.40950063
17	+ 0.25650029
19	- 0.11041296
21	+ 0.03305990
23	- 0.00664382
25	+ 0.00081111
27	- 0.00004568

k	b(27,23,k)
1	+ 0.27396946
3	+ 0.05479389
5	- 0.32697659
7	+ 0.24240341
9	+ 0.09827165
11	- 0.37919269
13	+ 0.42558015
15	- 0.30087961
17	+ 0.15050434
19	- 0.05469143
21	+ 0.01426752
23	- 0.00255024
25	+ 0.00028103
27	- 0.00001445

k	a(27,24,k)
1	+ 0.17013333
3	- 0.35160888
5	+ 0.21266666
7	+ 0.11559059
9	- 0.37612810
11	+ 0.43020556
13	- 0.32388540
15	+ 0.17864877
17	- 0.07432140
19	+ 0.02327911
21	- 0.00535698
23	+ 0.00085857
25	- 0.00008588
27	+ 0.00000405

k	b(27,25,k)
1	+ 0.34053920
3	- 0.10624823
5	- 0.20364244
7	+ 0.40676406
9	- 0.42968034
11	+ 0.32414482
13	- 0.18755170
15	+ 0.08503148
17	- 0.03020783
19	+ 0.00828314
21	- 0.00169834
23	+ 0.00024575
25	- 0.00002242
27	+ 0.00000097

k	a(27,26,k)
1	+ 0.14024263
3	- 0.36463083
5	+ 0.45578853
7	- 0.41289079
9	+ 0.29492199
11	- 0.17074431
13	+ 0.08071549
15	- 0.03104442
17	+ 0.00959555
19	- 0.00233140
21	+ 0.00042947
23	- 0.00005644
25	+ 0.00000472
27	- 0.00000019

k	b(27,27,k)
1	+ 0.51528431
3	- 0.44657974
5	+ 0.33493480
7	- 0.21672252
9	+ 0.12040140

k	b(27,27,k)
11	- 0.05703224
13	+ 0.02281290
15	- 0.00760430
17	+ 0.00207390
19	- 0.00045085
21	+ 0.00007514
23	- 0.00000902
25	+ 0.00000069
27	- 0.00000003

k	a(28, 0,k)
0	+ 0.11923147
2	+ 0.23905174
4	+ 0.24084463
6	+ 0.24392449
8	+ 0.24844161
10	+ 0.25463544
12	+ 0.26287365
14	+ 0.27372240
16	+ 0.28807847
18	+ 0.30743552
20	+ 0.33447846
22	+ 0.37461588
24	+ 0.44089407
26	+ 0.57697249
28	+ 1.13333881

k	b(28, 1,k)
0	+ 0.00000000
2	+ 0.01677814
4	+ 0.03380796
6	+ 0.05136043
8	+ 0.06974873
10	+ 0.08935952
12	+ 0.11070068
14	+ 0.13448082
16	+ 0.16175316
18	+ 0.19419969
20	+ 0.23475786
22	+ 0.28922168
24	+ 0.37133637
26	+ 0.52644189
28	+ 1.11362707

k	a(28, 2,k)
0	+ 0.11937858
2	+ 0.23698859
4	+ 0.23163866
6	+ 0.22256998
8	+ 0.20953661
10	+ 0.19215414
12	+ 0.16984697
14	+ 0.14175523
16	+ 0.10656425
18	+ 0.06216950
20	+ 0.00494913
22	- 0.07205933
24	- 0.18483859
26	- 0.38417433
28	- 1.05647940

k	b(28, 3,k)
0	+ 0.00000000
2	+ 0.05020999
4	+ 0.09916474
6	+ 0.14556404
8	+ 0.18801138
10	+ 0.22494780
12	+ 0.25455754
14	+ 0.27462134
16	+ 0.28226813
18	+ 0.27351476
20	+ 0.24231269
22	+ 0.17825846
24	+ 0.05974490
26	- 0.17591552
28	- 0.96753539

k	a(28, 4,k)
0	+ 0.11982541
2	+ 0.23077487
4	+ 0.20445766
6	+ 0.16164547
8	+ 0.10396560
10	+ 0.03381126
12	- 0.04551652
14	- 0.12957543
16	- 0.21238682
18	- 0.28572525
20	- 0.33771424
22	- 0.34963414
24	- 0.28692089
26	- 0.06219553
28	+ 0.85518854

k	b(28, 5,k)
0	+ 0.00000000
2	+ 0.08326385
4	+ 0.15778500
6	+ 0.21522322
8	+ 0.24806666
10	+ 0.25010966
12	+ 0.21702333
14	+ 0.14708548
16	+ 0.04219137
18	- 0.09060830
20	- 0.23647270
22	- 0.36748667
24	- 0.42932804
26	- 0.29172290
28	+ 0.72930724

k	a(28, 6,k)
0	+ 0.12058913
2	+ 0.22033569
4	+ 0.16062174
6	+ 0.07031933
8	- 0.03730530
10	- 0.14485131
12	- 0.23206435
14	- 0.27767473
16	- 0.26202080
18	- 0.17090108
20	- 0.00161682
22	+ 0.22635449
24	+ 0.44818189
26	+ 0.47987152
28	- 0.59983939

k	b(28, 7,k)
0	+ 0.00000000
2	+ 0.11567154
4	+ 0.20531699
6	+ 0.24730339
8	+ 0.22848194
10	+ 0.14764946
12	+ 0.01799544
14	- 0.13196051
16	- 0.25964352
18	- 0.31303011
20	- 0.24063886
22	- 0.01142015
24	+ 0.34260448
26	+ 0.60526792
28	- 0.47556765

k	a(28, 8,k)
0	+ 0.12170057
2	+ 0.20553874
4	+ 0.10236370
6	- 0.03696460
8	- 0.17060606
10	- 0.25358555
12	- 0.24991094
14	- 0.14585200
16	+ 0.03774480
18	+ 0.23737639
20	+ 0.34844631
22	+ 0.24671601
24	- 0.14578673
26	- 0.66040144
28	+ 0.36322079

k	b(28, 9,k)
0	+ 0.00000000
2	+ 0.14713838
4	+ 0.23762848
6	+ 0.23365650
8	+ 0.13059315
10	- 0.03720267
12	- 0.20229687
14	- 0.28350501
16	- 0.21803462
18	- 0.00225546
20	+ 0.26913920
22	+ 0.38751333
24	+ 0.08904562
26	- 0.65061930
28	+ 0.26704524

k	a(28,10,k)
0	+ 0.12320828
2	+ 0.18618140
4	+ 0.03288292
6	- 0.14177208
8	- 0.25048241
10	- 0.22903632
12	- 0.07231796
14	+ 0.14776808
16	+ 0.29787347
18	+ 0.24333898
20	- 0.04788986
22	- 0.38478464
24	- 0.30666170
26	+ 0.59052134
28	- 0.18882950

k	b(28,11,k)
0	+ 0.00000000
2	+ 0.17732750
4	+ 0.25091841
6	+ 0.17275145
8	- 0.01882121
10	- 0.21061728
12	- 0.27066552
14	- 0.13135507
16	+ 0.13864160
18	+ 0.32834520
20	+ 0.20064671
22	- 0.24600676
24	- 0.46525643
26	+ 0.49914287
28	- 0.12828438

k	a(28,12,k)
0	+ 0.12518549
2	+ 0.16196838
4	- 0.04356764
6	- 0.22354378
8	- 0.24295392
10	- 0.07117575
12	+ 0.17563068
14	+ 0.29118205
16	+ 0.13252046
18	- 0.20604868
20	- 0.35643639
22	+ 0.02413330
24	+ 0.54482203
26	- 0.39534742
28	+ 0.08363119

k	b(28,13,k)
0	+ 0.00000000
2	+ 0.20583737
4	+ 0.24185891
6	+ 0.07114813
8	- 0.17093451
10	- 0.27001435
12	- 0.11099882
14	+ 0.18458866
16	+ 0.30672469
18	+ 0.04468299
20	- 0.35237601
22	- 0.20900758
24	+ 0.54735210
26	- 0.29446611
28	+ 0.05224399

k	a(28,14,k)
0	+ 0.12774256
2	+ 0.13247377
4	- 0.12154468
6	- 0.26212527
8	- 0.13895346
10	+ 0.14252298
12	+ 0.28535334
14	+ 0.09121256
16	- 0.25581917
18	- 0.27434515
20	+ 0.19784278
22	+ 0.39101695
24	- 0.49078670
26	+ 0.20663125
28	- 0.03122175

k	b(28,15,k)
0	+ 0.00000000
2	+ 0.23216679
4	+ 0.20778928
6	- 0.05541720
8	- 0.26547768
10	- 0.16004633
12	+ 0.16557236
14	+ 0.29292393
16	- 0.01986840
18	- 0.35682274
20	- 0.03793887
22	+ 0.48740012
24	- 0.40020612
26	+ 0.13669003
28	- 0.01781505

k	a(28,16,k)
0	+ 0.13104965
2	+ 0.09707381
4	- 0.19419616
6	- 0.24110603
8	+ 0.03505209
10	+ 0.28005018
12	+ 0.12659048
14	- 0.24936348
16	- 0.23585832
18	+ 0.25565471
20	+ 0.26641682
22	- 0.49554594
24	+ 0.29971351
26	- 0.08521481
28	+ 0.00968350

k	b(28,17,k)
0	+ 0.00000000
2	+ 0.25565638
4	+ 0.14700242
6	- 0.18154218
8	- 0.24909606
10	+ 0.07630862
12	+ 0.30114969
14	+ 0.00101317
16	- 0.34523986
18	+ 0.02881547
20	+ 0.41954338
22	- 0.43666191
24	+ 0.20719213
26	- 0.05000539
28	+ 0.00500054

k	a(28,18,k)
0	+ 0.13538093
2	+ 0.05482092
4	- 0.25289491
6	- 0.15222833
8	+ 0.21338931
10	+ 0.22145938
12	- 0.19053130
14	- 0.25886625
16	+ 0.24747548
18	+ 0.21798814
20	- 0.47081705
22	+ 0.34220349
24	- 0.13249982
26	+ 0.02756533
28	- 0.00244531

k	b(28,19,k)
0	+ 0.00000000
2	+ 0.27538164
4	+ 0.05920705
6	- 0.27262782
8	- 0.10097327
10	+ 0.28348035
12	+ 0.10154502
14	- 0.33328582
16	+ 0.00706829
18	+ 0.39188022
20	- 0.43337227
22	+ 0.24144887
24	- 0.07838377
26	+ 0.01423253
28	- 0.00112794

k	a(28,20,k)
0	+ 0.14120970
2	+ 0.00418399
4	- 0.28657201
6	- 0.00138072
8	+ 0.30030596
10	- 0.04178486
12	- 0.31598864
14	+ 0.17897456
16	+ 0.24724810
18	- 0.45138292
20	+ 0.34293743
22	- 0.15419849
24	+ 0.04281501
26	- 0.00685552
28	+ 0.00048841

k	b(28,21,k)
0	+ 0.00000000
2	+ 0.28993579
4	- 0.05363812
6	- 0.28703644
8	+ 0.13668402
10	+ 0.25538330
12	- 0.27643602
14	- 0.09676898
16	+ 0.40703344
18	- 0.40934956
20	+ 0.23789212
22	- 0.08921228
24	+ 0.02151344
26	- 0.00306428
28	+ 0.00019735

k	a(28,22,k)
0	+ 0.14944230
2	- 0.05756296
4	- 0.28034269
6	+ 0.18265170
8	+ 0.20091687
10	- 0.31723716
12	+ 0.02021609
14	+ 0.33423942
16	- 0.43455648
18	+ 0.31000477
20	- 0.14570388
22	+ 0.04662992
24	- 0.00988607
26	+ 0.00126201
28	- 0.00007384

k	b(28,23,k)
0	+ 0.00000000
2	+ 0.29691837
4	- 0.18557398
6	- 0.18168215
8	+ 0.32995149
10	- 0.08957710
12	- 0.26790698
14	+ 0.43150884
16	- 0.35962734
18	+ 0.20019274
20	- 0.07875222
22	+ 0.02187793
24	- 0.00411891
26	+ 0.00047431
28	- 0.00002533

k	a(28,24,k)
0	+ 0.16212410
2	- 0.13610418
4	- 0.21206233
6	+ 0.33336106
8	- 0.10943671
10	- 0.23305146
12	+ 0.42068890
14	- 0.38670592
16	+ 0.24226718
18	- 0.11064332
20	+ 0.03729177
22	- 0.00911275
24	+ 0.00153630
26	- 0.00016050
28	+ 0.00000785

k	b(28,25,k)
0	+ 0.00000000
2	+ 0.29142748
4	- 0.32202736
6	+ 0.07354258
8	+ 0.24514194
10	- 0.41932173
12	+ 0.39674287
14	- 0.26578547
16	+ 0.13418295
18	- 0.05186381
20	+ 0.01523531
22	- 0.00330970
24	+ 0.00050322
26	- 0.00004794
28	+ 0.00000216

k	a(28,26,k)
0	+ 0.18546331
2	- 0.24728441
4	- 0.04018372
6	+ 0.31201475
8	- 0.43335381
10	+ 0.39229924
12	- 0.26685472
14	+ 0.14232252
16	- 0.06021337
18	+ 0.02012161
20	- 0.00521972
22	+ 0.00101690
24	- 0.00014030
26	+ 0.00001224
28	- 0.00000051

k	b(28,27,k)
0	+ 0.00000000
2	+ 0.25935408
4	- 0.42145038
6	+ 0.44624158
8	- 0.36360425
10	+ 0.23921332
12	- 0.12917519
14	+ 0.05741120
16	- 0.02087680
18	+ 0.00612689
20	- 0.00141826
22	+ 0.00024961
24	- 0.00003142
26	+ 0.00000252
28	- 0.00000010

k	a(28,28,k)
0	+ 0.25993235
2	- 0.48520706
4	+ 0.39423073
6	- 0.27828052
8	+ 0.17006032
10	- 0.08950543
12	+ 0.04027744
14	- 0.01534379
16	+ 0.00488211
18	- 0.00127360
20	+ 0.00026533
22	- 0.00004245
24	+ 0.00000490
26	- 0.00000036
28	+ 0.00000001

k	a(29, 0,k)
1	+ 0.23452342
3	+ 0.23560918
5	+ 0.23782668
7	+ 0.24127344
9	+ 0.24611100
11	+ 0.25258761
13	+ 0.26107795
15	+ 0.27215398
17	+ 0.28671741
19	+ 0.30626632
21	+ 0.33349000
23	+ 0.37380197
25	+ 0.44025566
27	+ 0.57652527
29	+ 1.11412411

k	b(29, 1,k)
1	+ 0.00795109
3	+ 0.02396370
5	+ 0.04031540
7	+ 0.05725955
9	+ 0.07509550
11	+ 0.09419874
13	+ 0.11506783
15	+ 0.13840326
17	+ 0.16525072
19	+ 0.19728461
21	+ 0.23743376
23	+ 0.29148070
25	+ 0.37315162
27	+ 0.52774300
29	+ 1.11412411

k	a(29, 2,k)
1	+ 0.23425370
3	+ 0.23100018
5	+ 0.22441658
7	+ 0.21434203

k	a(29, 2,k)
9	+ 0.20051405
11	+ 0.18253754
13	+ 0.15983149
15	+ 0.13153596
17	+ 0.09634239
19	+ 0.05216047
21	- 0.00460516
23	- 0.08086860
25	- 0.19251699
27	- 0.39010021
29	- 1.05884342

k	b(29, 3,k)
1	+ 0.02390842
3	+ 0.07117182
5	+ 0.11675668
7	+ 0.15948084
9	+ 0.19805841
11	+ 0.23103772
13	+ 0.25671090
15	+ 0.27297160
17	+ 0.27707238
19	+ 0.26517310
21	+ 0.23140258
23	+ 0.16559918
25	+ 0.04653635
27	- 0.18769663
29	- 0.97260979

k	a(29, 4,k)
1	+ 0.23343890
3	+ 0.21722787
5	+ 0.18533981
7	+ 0.13886596
9	+ 0.07950508
11	+ 0.00964973
13	- 0.06747374
15	- 0.14757783
17	- 0.22493057
19	- 0.29166616
21	- 0.33641929
23	- 0.34121015
25	- 0.27262519
27	- 0.04543753
29	+ 0.86331312

k	b(29, 5,k)
1	+ 0.04003444
3	+ 0.11621109
5	+ 0.18087587
7	+ 0.22691246
9	+ 0.24807429
11	+ 0.23940403
13	+ 0.19774354
15	+ 0.12239683
17	+ 0.01606133
19	- 0.11373649
21	- 0.25215265
23	- 0.37198029
25	- 0.42079352
27	- 0.27273654
29	+ 0.74028489

k	a(29, 6,k)
1	+ 0.23206167
3	+ 0.19445909
5	+ 0.12403165
7	+ 0.03008097
9	- 0.07409185
11	- 0.17201793
13	- 0.24526699
15	- 0.27514642
17	- 0.24510721
19	- 0.14427443
21	+ 0.02698804
23	+ 0.24715366
25	+ 0.45169462
27	+ 0.46244925
29	- 0.61301413

k	b(29, 7,k)
1	+ 0.05645290
3	+ 0.15759769
5	+ 0.22528583
7	+ 0.24318624
9	+ 0.20351781
11	+ 0.10961580
13	- 0.02244274
15	- 0.16357940
17	- 0.27343689
19	- 0.30508526

k	b(29, 7,k)
21	- 0.21458150
23	+ 0.02043633
25	+ 0.36104188
27	+ 0.59314024
29	- 0.48998541

k	a(29, 8,k)
1	+ 0.23009143
3	+ 0.16298143
5	+ 0.04613108
7	- 0.08899288
9	- 0.20312561
11	- 0.25801559
13	- 0.22691511
15	- 0.10549881
17	+ 0.07864855
19	+ 0.26083302
21	+ 0.34310440
23	+ 0.21632052
25	- 0.17716316
27	- 0.65622681
29	+ 0.37782756

k	b(29, 9,k)
1	+ 0.07330634
3	+ 0.19378666
5	+ 0.24386335
7	+ 0.20150771
9	+ 0.07611773
11	- 0.09023111
13	- 0.23151702
15	- 0.27724968
17	- 0.18150415
19	+ 0.04274019
21	+ 0.29340007
23	+ 0.37289270
25	+ 0.05106799
27	- 0.65537258
29	+ 0.28087396

k	a(29,10,k)
1	+ 0.22748162
3	+ 0.12321921
5	- 0.04065676
7	- 0.19102573
9	- 0.25451413
11	- 0.18989829
13	- 0.01398782
15	+ 0.19110477
17	+ 0.30051315
19	+ 0.20567238
21	- 0.09418641
23	- 0.39537594
25	- 0.27062206
27	+ 0.60341406
29	- 0.20113802

k	b(29,11,k)
1	+ 0.09076788
3	+ 0.22313771
5	+ 0.23230348
7	+ 0.10713267
9	- 0.08906679
11	- 0.24295402
13	- 0.24773569
15	- 0.07291106
17	+ 0.18674891
19	+ 0.32679872
21	+ 0.15374252
23	- 0.28195514
25	- 0.43908913
27	+ 0.51801904
29	- 0.13862481

k	a(29,12,k)
1	+ 0.22416494
3	+ 0.07575945
5	- 0.12677040
7	- 0.24906260
9	- 0.19926516
11	+ 0.00404378
13	+ 0.22290642
15	+ 0.27444908
17	+ 0.07123249
19	- 0.24841039
21	- 0.33327226
23	+ 0.07620416
25	+ 0.53352860
27	- 0.41735941
29	+ 0.09185130

k	b(29,13,k)
1	+ 0.10905911
3	+ 0.24386828
5	+ 0.18873284
7	- 0.02157474
9	- 0.22478294
11	- 0.24367418
13	- 0.03497126
15	+ 0.23400364
17	+ 0.28049911
19	- 0.02102221
21	- 0.36753576
23	- 0.15546875
25	+ 0.55193251
27	- 0.31678801
29	+ 0.05843662

k	a(29,14,k)
1	+ 0.22004566
3	+ 0.02139333
5	- 0.20109728
7	- 0.24220968
9	- 0.04873958
11	+ 0.20849927
13	+ 0.26174420
15	+ 0.01194765
17	- 0.29102759
19	- 0.22260501
21	+ 0.24899997
23	+ 0.35028147
25	- 0.50859517
27	+ 0.22700878
29	- 0.03564601

k	b(29,15,k)
1	+ 0.12847898
3	+ 0.25398392
5	+ 0.11441767
7	- 0.15401961
9	- 0.26365087
11	- 0.07024122
13	+ 0.22919248
15	+ 0.25286765
17	- 0.09877265
19	- 0.35072927
21	+ 0.03182605
23	+ 0.46846331
25	- 0.42633344
27	+ 0.15372249
29	- 0.02081278

k	a(29,16,k)
1	+ 0.21498646
3	- 0.03881700
5	- 0.25141472
7	- 0.16200147
9	+ 0.13918729
11	+ 0.27497231
13	+ 0.03049130
15	- 0.29000584
17	- 0.16407955
19	+ 0.30314527
21	+ 0.20160443
23	- 0.50002065
25	+ 0.32871279
27	- 0.09836944
29	+ 0.01160882

k	b(29,17,k)
1	+ 0.14945465
3	+ 0.25116685
5	+ 0.01462800
7	- 0.25083310
9	- 0.16816090
11	+ 0.17528189
13	+ 0.26766374
15	- 0.09623145
17	- 0.32951115
19	+ 0.11107717
21	+ 0.37892365
23	- 0.45974467
25	+ 0.23451158
27	- 0.05943992
29	+ 0.00617136

k	a(29,18,k)
1	+ 0.20878537
3	- 0.10342609
5	- 0.26504143
7	- 0.01894534
9	+ 0.27077659
11	+ 0.12076382

k	a(29,18,k)
13	- 0.26164068
15	- 0.17705699
17	+ 0.30279453
19	+ 0.13441560
21	- 0.46254145
23	+ 0.37563053
25	- 0.15526012
27	+ 0.03386399
29	- 0.00311833

k	b(29,19,k)
1	+ 0.17263812
3	+ 0.23258192
5	- 0.10022602
7	- 0.27078609
9	+ 0.03831355
11	+ 0.29678144
13	- 0.01940948
15	- 0.33062046
17	+ 0.10747370
19	+ 0.33708960
21	- 0.45381186
23	+ 0.27681277
25	- 0.09546700
27	+ 0.01814916
29	- 0.00149279

k	a(29,20,k)
1	+ 0.20113199
3	- 0.17040349
5	- 0.22984917
7	+ 0.15159392
9	+ 0.24992512
11	- 0.16959975
13	- 0.24879891
15	+ 0.26428302
17	+ 0.14924065
19	- 0.43913960
21	+ 0.38090560
23	- 0.18531196
25	+ 0.05446997
27	- 0.00912178
29	+ 0.00067437

k	b(29,21,k)
1	+ 0.19911051
3	+ 0.19450147
5	- 0.21293763
7	- 0.18251797
9	+ 0.25204862
11	+ 0.13380077
13	- 0.32519458
15	+ 0.02875071
17	+ 0.35134788
19	- 0.43489465
21	+ 0.28060267
23	- 0.11298804
25	+ 0.02876728
27	- 0.00428164
29	+ 0.00028611

k	a(29,22,k)
1	+ 0.19151596
3	- 0.23673501
5	- 0.13597007
7	+ 0.28570927
9	+ 0.03786508
11	- 0.32384611
13	+ 0.15729668
15	+ 0.23485152
17	- 0.43467257
19	+ 0.35696991
21	- 0.18342900
23	+ 0.06269562
25	- 0.01400472
27	+ 0.00186675
29	- 0.00011332

k	b(29,23,k)
1	+ 0.23087777
3	+ 0.13147206
5	- 0.29670811
7	+ 0.01641863
9	+ 0.30257191
11	- 0.23177428
13	- 0.12992939
15	+ 0.39972576
17	- 0.40264558
19	+ 0.25056185
21	- 0.10672178
23	+ 0.03154037

k	b(29,23,k)
25	- 0.00624596
27	+ 0.00075056
29	- 0.00004158

k	a(29,24,k)
1	+ 0.17900610
3	- 0.29751477
5	+ 0.02091329
7	+ 0.29278613
9	- 0.26490173
11	- 0.06053848
13	+ 0.35772741
15	- 0.42120110
17	+ 0.30264457
19	- 0.15201403
21	+ 0.05510779
23	- 0.01428293
25	+ 0.00252937
27	- 0.00027560
29	+ 0.00001399

k	b(29,25,k)
1	+ 0.27234911
3	+ 0.03404364
5	- 0.30927645
7	+ 0.26727594
9	+ 0.03818228
11	- 0.33258774
13	+ 0.42502904
15	- 0.33520021
17	+ 0.18925129
19	- 0.07962518
21	+ 0.02503731
23	- 0.00575530
25	+ 0.00091816
27	- 0.00009118
29	+ 0.00000426

k	a(29,26,k)
1	+ 0.16158361
3	- 0.34336516
5	+ 0.23168238
7	+ 0.07207896
9	- 0.33980082
11	+ 0.42624138
13	- 0.34874295
15	+ 0.21135936
17	- 0.09854012
19	+ 0.03559179
21	- 0.00984694
23	+ 0.00202605
25	- 0.00029303
27	+ 0.00002664
29	- 0.00000115

k	b(29,27,k)
1	+ 0.33659404
3	- 0.11998954
5	- 0.17517190
7	+ 0.38370987
9	- 0.42819797
11	+ 0.34288033
13	- 0.21317912
15	+ 0.10561743
17	- 0.04191756
19	+ 0.01322808
21	- 0.00325644
23	+ 0.00060436
25	- 0.00007968
27	+ 0.00000666
29	- 0.00000027

k	a(29,28,k)
1	+ 0.13310522
3	- 0.34940120
5	+ 0.44531525
7	- 0.41562757
9	+ 0.30937691
11	- 0.18906367
13	+ 0.09575952
15	- 0.04017882
17	+ 0.01385878
19	- 0.00387231
21	+ 0.00085598
23	- 0.00014423
25	+ 0.00001742
27	- 0.00000134
29	+ 0.00000005

k	b(29,29,k)
1	+ 0.50684957
3	- 0.44349338
5	+ 0.33914199
7	- 0.22609466
9	+ 0.13089691
11	- 0.06544845
13	+ 0.02804934
15	- 0.01019976
17	+ 0.00310427
19	- 0.00077607
21	+ 0.00015521
23	- 0.00002388
25	+ 0.00000265
27	- 0.00000019
29	+ 0.00000001

k	a(30, 0,k)
0	+ 0.11525821
2	+ 0.23101323
4	+ 0.23252312
6	+ 0.23510671
8	+ 0.23887272
10	+ 0.24399142
12	+ 0.25071800
14	+ 0.25943280
16	+ 0.27071249
18	+ 0.28546285
20	+ 0.30518574
22	+ 0.33257420
24	+ 0.37304619
26	+ 0.43966158
28	+ 0.57610828
30	+ 1.13301295

k	b(30, 1,k)
0	+ 0.00000000
2	+ 0.01515044
4	+ 0.03049893
6	+ 0.04625672
8	+ 0.06266356
10	+ 0.08000794
12	+ 0.09865641
14	+ 0.11909991
16	+ 0.14203219
18	+ 0.16849252
20	+ 0.20014869
22	+ 0.23992183
24	+ 0.29358400
26	+ 0.37484385
28	+ 0.52895737
30	+ 1.11458875

k	a(30, 2,k)
0	+ 0.11538235
2	+ 0.22927268
4	+ 0.22476414
6	+ 0.21713851
8	+ 0.20621748
10	+ 0.19172642
12	+ 0.17326270
14	+ 0.15024212
16	+ 0.12180612
18	+ 0.08665293
20	+ 0.04270632
22	- 0.01360369
24	- 0.08914564
26	- 0.19971722
28	- 0.39564833
30	- 1.06105688

k	b(30, 3,k)
0	+ 0.00000000
2	+ 0.04535327
4	+ 0.08971846
6	+ 0.13207672
8	+ 0.17134396
10	+ 0.20632765
12	+ 0.23566791
14	+ 0.25775031
16	+ 0.27056736
18	+ 0.27148102
20	+ 0.25677883
22	+ 0.22074932
24	+ 0.15345031
26	+ 0.03400319
28	- 0.19878790
30	- 0.97737384

k	a(30, 4,k)
0	+ 0.11575880
2	+ 0.22403319
4	+ 0.20180826
6	+ 0.16553678
8	+ 0.11640720
10	+ 0.05615541
12	- 0.01284880
14	- 0.08746447
16	- 0.16355818
18	- 0.23563187
20	- 0.29615292
22	- 0.33422386
24	- 0.33253801
26	- 0.25872700
28	- 0.02952440
30	+ 0.87096987

k	b(30, 5,k)
0	+ 0.00000000
2	+ 0.07525870
4	+ 0.14363099
6	+ 0.19850590
8	+ 0.23383725
10	+ 0.24446328
12	+ 0.22647914
14	+ 0.17769706
16	+ 0.09825323
18	- 0.00852860
20	- 0.13478989
22	- 0.26577665
24	- 0.37500599
26	- 0.41183693
28	- 0.25446835
30	+ 0.75068162

k	a(30, 6,k)
0	+ 0.11640013
2	+ 0.21523989
4	+ 0.16462472
6	+ 0.08705153
8	- 0.00766108
10	- 0.10650899
12	- 0.19410329
14	- 0.25379963
16	- 0.26926778
18	- 0.22670300
20	- 0.11807382
22	+ 0.05373022
24	+ 0.26562924
26	+ 0.45369028
28	+ 0.44531961
30	- 0.62556802

k	b(30, 7,k)
0	+ 0.00000000
2	+ 0.10465741
4	+ 0.18879376
6	+ 0.23489775
8	+ 0.23129850
10	+ 0.17462535
12	+ 0.07167595
14	- 0.05958114
16	- 0.19023824
18	- 0.28246160
20	- 0.29418949
22	- 0.18823141
24	+ 0.05033751
26	+ 0.37708186
28	+ 0.58067911
30	- 0.50382452

k	a(30, 8,k)
0	+ 0.11732869
2	+ 0.20279657
4	+ 0.11484964
6	- 0.00760045
8	- 0.13290281
10	- 0.22549447
12	- 0.25383912
14	- 0.19939414
16	- 0.06549887
18	+ 0.11544714
20	+ 0.27902858
22	+ 0.33430783
24	+ 0.18601906
26	- 0.20594967
28	- 0.65106670
30	+ 0.39196873

k	b(30, 9,k)
0	+ 0.00000000
2	+ 0.14177436

k	b(30, 9,k)
2	+ 0.13332218
4	+ 0.22191316
6	+ 0.23396412
8	+ 0.16084953
10	+ 0.02228096
12	- 0.13564103
14	- 0.25073581
16	- 0.26355886
18	- 0.14319630
20	+ 0.08411531
22	+ 0.31219720
24	+ 0.35563281
26	+ 0.01496924
28	- 0.65864648
30	+ 0.29439502

k	a(30,10,k)
0	+ 0.11857912
2	+ 0.18655767
4	+ 0.05481979
6	- 0.10455180
8	- 0.22311660
10	- 0.24327300
12	- 0.14422297
14	+ 0.04071462
16	+ 0.22479970
18	+ 0.29454421
20	+ 0.16591218
22	- 0.13608966
24	- 0.40098234
26	- 0.23500194
28	+ 0.61462046
30	- 0.21330945

k	b(30,11,k)
0	+ 0.00000000
2	+ 0.16099777
4	+ 0.23991824
6	+ 0.19298687
8	+ 0.03813418
10	- 0.14735819
12	- 0.25816085
14	- 0.21396429
16	- 0.01554256
18	+ 0.22536141
20	+ 0.31689111
22	+ 0.10687344
24	- 0.31219604
26	- 0.41159375
28	+ 0.53532438
30	- 0.14898179

k	a(30,12,k)
0	+ 0.12020256
2	+ 0.16631474
4	- 0.01237379
6	- 0.18796312
8	- 0.24777020
10	- 0.14227512
12	+ 0.07313359
14	+ 0.25335114
16	+ 0.24548379
18	+ 0.01137928
20	- 0.28052930
22	- 0.30441709
24	+ 0.12400568
26	+ 0.51943426
28	- 0.43818048
30	+ 0.10020406

k	b(30,13,k)
0	+ 0.00000000
2	+ 0.18738704
4	+ 0.24005137
6	+ 0.11488173
8	- 0.10377376
10	- 0.25190484
12	- 0.19904320
14	+ 0.03772628
16	+ 0.26657776
18	+ 0.24355342
20	- 0.08157006
22	- 0.37293229
24	- 0.10304932
26	+ 0.55294898
28	- 0.33844341
30	+ 0.06483169

k	a(30,14,k)
0	+ 0.12227379
2	+ 0.25471236
4	+ 0.11320549

k	a(30,14,k)
4	- 0.08280419
6	- 0.24160786
8	- 0.19133007
10	+ 0.03948437
12	+ 0.24905954
14	+ 0.21909322
16	- 0.06219177
18	- 0.30901166
20	- 0.16606329
22	+ 0.29031066
24	+ 0.30699955
26	- 0.52294174
28	+ 0.24725327
30	- 0.04029818

k	b(30,15,k)
0	+ 0.00000000
2	+ 0.21213040
4	+ 0.21998708
6	+ 0.00904391
8	- 0.21985955
10	- 0.22732636
12	+ 0.01988905
14	+ 0.26707628
16	+ 0.19754377
18	- 0.16633864
20	- 0.33069356
22	+ 0.09593195
24	+ 0.44414354
26	- 0.44982395
28	+ 0.17105528
30	- 0.02402919

k	a(30,16,k)
0	+ 0.12490364
2	+ 0.11252095
4	- 0.15158325
6	- 0.25093588
8	- 0.06152661
10	+ 0.21341693
12	+ 0.23624436
14	- 0.06088232
16	- 0.30418099
18	- 0.08769130
20	+ 0.33393659
22	+ 0.13586368
24	- 0.49799383
26	+ 0.35628518
28	- 0.11209880
30	+ 0.01372164

k	b(30,17,k)
0	+ 0.00000000
2	+ 0.23477344
4	+ 0.17799817
6	- 0.10812877
8	- 0.26351913
10	- 0.06639127
12	+ 0.24140127
14	+ 0.20703712
16	- 0.17717246
18	- 0.29340359
20	+ 0.18208887
22	+ 0.33128372
24	- 0.47704821
26	+ 0.26161894
28	- 0.06955840
30	+ 0.00748895

k	a(30,18,k)
0	+ 0.12826133
2	+ 0.07795193
4	- 0.21266318
6	- 0.20573822
8	+ 0.10560674
10	+ 0.27230962
12	+ 0.01066430
14	- 0.29458628
16	- 0.08539567
18	+ 0.33279094
20	+ 0.05133802
22	- 0.44401035
24	+ 0.40528517
26	- 0.17874031
28	+ 0.04082334
30	- 0.00389737

k	b(30,19,k)
0	+ 0.00000000
2	+ 0.25471236
4	+ 0.11320549
6	- 0.21320368
8	- 0.20178383
10	+ 0.15620372
12	+ 0.25923625
14	- 0.12687809
16	- 0.29520860
18	+ 0.19181450
20	+ 0.27226599
22	- 0.46439544
24	+ 0.31082177
26	- 0.11378985
28	+ 0.02262136
30	- 0.00192870

k	a(30,20,k)
0	+ 0.13261818
2	+ 0.03715596
4	- 0.25850383
6	- 0.10363442
8	+ 0.24685951
10	+ 0.14834859
12	- 0.25426634
14	- 0.15311014
16	+ 0.31451114
18	+ 0.04965143
20	- 0.41129653
22	+ 0.41219034
24	- 0.21711517
26	+ 0.06749295
28	- 0.01180632
30	+ 0.00090464

k	b(30,21,k)
0	+ 0.00000000
2	+ 0.27109372
4	+ 0.02598720
6	- 0.27647491
8	- 0.03464960
10	+ 0.29359346
12	- 0.00100798
14	- 0.32159506
16	+ 0.13909031
18	+ 0.27834435
20	- 0.44575910
22	+ 0.32082890
24	- 0.13869223
26	+ 0.03724122
28	- 0.00578467
30	+ 0.00040058

k	a(30,22,k)
0	+ 0.13844116
2	- 0.01133785
4	- 0.27946424
6	+ 0.04517590
8	+ 0.28332543
10	- 0.11656499
12	- 0.26431238
14	+ 0.25640775
16	+ 0.12257820
18	- 0.41136148
20	+ 0.39485319
22	- 0.22224540
24	+ 0.08108220
26	- 0.01906032
28	+ 0.00264948
30	- 0.00016665

k	b(30,23,k)
0	+ 0.00000000
2	+ 0.28261031
4	- 0.08127355
6	- 0.26413905
8	+ 0.18374890
10	+ 0.19523321
12	- 0.30912644
14	+ 0.01079352
16	+ 0.33662270
18	- 0.42675893
20	+ 0.29871333
22	- 0.13783553
24	+ 0.04329865
26	- 0.00900799
28	+ 0.00112813
30	- 0.00006475

k	a(30,24,k)
0	+ 0.14662305
2	- 0.07015154
4	- 0.26253853
6	+ 0.21087597

k	a(30,24,k)
8	+ 0.14885362
10	- 0.32428825
12	+ 0.10166068
14	+ 0.25601704
16	- 0.42422553
18	+ 0.35453099
20	- 0.19637716
22	+ 0.07655763
24	- 0.02102387
26	+ 0.00390591
28	- 0.00044331
30	+ 0.00002331

k	b(30,25,k)
0	+ 0.00000000
2	+ 0.28701939
4	- 0.20260193
6	- 0.14339714
8	+ 0.32776489
10	- 0.14807950
12	- 0.19653572
14	+ 0.40616354
16	- 0.38701758
18	+ 0.24584376
20	- 0.11270762
22	+ 0.03791206
24	- 0.00921086
26	+ 0.00153980
28	- 0.00015921
30	+ 0.00000770

k	a(30,26,k)
0	+ 0.15917696
2	- 0.14476870
4	- 0.18815491
6	+ 0.33176665
8	- 0.15180467
10	- 0.17506506
12	+ 0.39225103
14	- 0.40170431
16	+ 0.27957134
18	- 0.14402505
20	+ 0.05623171
22	- 0.01657735
24	+ 0.00359786
26	- 0.00054475
28	+ 0.00005155
30	- 0.00000230

k	b(30,27,k)
0	+ 0.00000000
2	+ 0.27971993
4	- 0.32420697
6	+ 0.10475108
8	+ 0.20236742
10	- 0.39597856
12	+ 0.40566143
14	- 0.29479485
16	+ 0.16359564
18	- 0.07093858
20	+ 0.02406074
22	- 0.00629242
24	+ 0.00122983
26	- 0.00016961
28	+ 0.00001475
30	- 0.00000061

k	a(30,28,k)
0	+ 0.18221033
2	- 0.25053921
4	- 0.01875695
6	+ 0.28448035
8	- 0.41923420
10	+ 0.39998365
12	- 0.28906381
14	+ 0.16592141
16	- 0.07684277
18	+ 0.02873633
20	- 0.00859300
22	+ 0.00201305
24	- 0.00035673
26	+ 0.00004503
28	- 0.00000361
30	+ 0.00000014

k	b(30,29,k)
0	+ 0.00000000
2	+ 0.24741386
4	- 0.40750518
6	+ 0.44146394
8	- 0.37175911

k	b(30,29,k)
10	+ 0.25558439
12	- 0.14604822
14	+ 0.06970483
16	- 0.02770875
18	+ 0.00909193
20	- 0.00242452
22	+ 0.00051288
24	- 0.00008289
26	+ 0.00000962
28	- 0.00000071
30	+ 0.00000003

k	a(30,30,k)
0	+ 0.25552793
2	- 0.47911487
4	+ 0.39456519
6	- 0.28496375
8	+ 0.17997710
10	- 0.09898741
12	+ 0.04713686
14	- 0.01928326
16	+ 0.00670722
18	- 0.00195627
20	+ 0.00046951
22	- 0.00009029
24	+ 0.00001338
26	- 0.00000143
28	+ 0.00000010
30	- 0.00000000

k	a(31, 0,k)
1	+ 0.22694413
3	+ 0.22786480
5	+ 0.22974023
7	+ 0.23264221
9	+ 0.23668816
11	+ 0.24205524
13	+ 0.24900419
15	+ 0.25791994
17	+ 0.26938305
19	+ 0.28430273
21	+ 0.30418404
23	+ 0.33172333
25	+ 0.37234252
27	+ 0.43910738
29	+ 0.57571857
31	+ 1.13286557

k	b(31, 1,k)
1	+ 0.00720548
3	+ 0.02170414
5	+ 0.03647130
7	+ 0.05170478
9	+ 0.06763371
11	+ 0.08453788
13	+ 0.10277658
15	+ 0.12283450
17	+ 0.14539965
19	+ 0.17150579
21	+ 0.20281491
23	+ 0.24224121
25	+ 0.29554717
27	+ 0.37642518
29	+ 0.53009340
31	+ 1.11502405

k	a(31, 2,k)
1	+ 0.22671524
3	+ 0.22395603
5	+ 0.21838083
7	+ 0.20987108
9	+ 0.19823539
11	+ 0.18319023
13	+ 0.16432777
15	+ 0.14106224
17	+ 0.11253748
19	+ 0.07745891
21	+ 0.03376414
23	- 0.02209258
25	- 0.09693685
27	- 0.20648248
29	- 0.40085370
31	- 1.06313371

k	b(31, 3,k)
1	+ 0.02166025
3	+ 0.06454140
5	+ 0.10609183
7	+ 0.14538075

k	b(31, 3,k)
9	+ 0.18140658
11	+ 0.21305642
13	+ 0.23904967
15	+ 0.25785351
17	+ 0.26754767
19	+ 0.26559150
21	+ 0.24838719
23	+ 0.21036780
25	+ 0.14179114
27	+ 0.02209788
29	- 0.20924782
31	- 0.98185517

k	a(31, 4,k)
1	+ 0.22602438
3	+ 0.21227036
5	+ 0.18515853
7	+ 0.14549631
9	+ 0.09453454
11	+ 0.03402173
13	- 0.03371015
15	- 0.10561144
17	- 0.17769944
19	- 0.24469669
21	- 0.29937904
23	- 0.33127794
25	- 0.32370073
27	- 0.24523172
29	- 0.01439669
31	+ 0.87819796

k	b(31, 5,k)
1	+ 0.03624868
3	+ 0.10565791
5	+ 0.16591715
7	+ 0.21131295
9	+ 0.23673112
11	+ 0.23793885
13	+ 0.21191880
15	+ 0.15728780
17	+ 0.07485622
19	- 0.03156647
21	- 0.15390140
23	- 0.27755253
25	- 0.37676184
27	- 0.40256517
29	- 0.23689005
31	+ 0.76054174

k	a(31, 6,k)
1	+ 0.22485870
3	+ 0.19293150
5	+ 0.13262457
7	+ 0.05086854
9	- 0.04236070
11	- 0.13457393
13	- 0.21153085
15	- 0.25829381
17	- 0.26067833
19	- 0.20729095
21	- 0.09252787
23	+ 0.07864272
25	+ 0.28198565
27	+ 0.45437496
29	+ 0.42851191
31	- 0.63754210

k	b(31, 7,k)
1	+ 0.05106766
3	+ 0.14388028
5	+ 0.20999085
7	+ 0.23574887
9	+ 0.21348304
11	+ 0.14338149
13	+ 0.03481589
15	- 0.09312665
17	- 0.21222823
19	- 0.28733065
21	- 0.28095438
23	- 0.16193068
25	+ 0.07830721
27	+ 0.39096130
29	+ 0.56797869
31	- 0.51711492

k	a(31, 8,k)
1	+ 0.22319570
3	+ 0.16615177
5	+ 0.06497508
7	- 0.05663215
9	- 0.16827873
11	- 0.23868118
13	- 0.24269476
15	- 0.16890013
17	- 0.02676612
19	+ 0.14804901
21	+ 0.29248053
23	+ 0.32270069
25	+ 0.15610914
27	- 0.23230392
29	- 0.64506324
31	+ 0.40565832

k	b(31, 9,k)
1	+ 0.06622690
3	+ 0.17799318
5	+ 0.23323064
7	+ 0.21165053
9	+ 0.11546767
11	- 0.02849697
13	- 0.17291931
15	- 0.26098713
17	- 0.24406914
19	- 0.10433922
21	+ 0.12161056
23	+ 0.32606712
25	+ 0.33632349
27	- 0.01923069
29	- 0.66059575
31	+ 0.30760565

k	a(31,10,k)
1	+ 0.22100148
3	+ 0.13224226
5	- 0.01203712
7	- 0.15585511
9	- 0.23915325
11	- 0.22017634
13	- 0.09540720
15	+ 0.09012056
17	+ 0.24927299
19	+ 0.28153533
21	+ 0.12531851
23	- 0.17351035
25	- 0.40225830
27	- 0.20003351
29	+ 0.62426731
31	- 0.22532725

k	b(31,11,k)
1	+ 0.08185657
3	+ 0.20671691
5	+ 0.23180705
7	+ 0.14056594
9	- 0.02817927
11	- 0.19192016
13	- 0.25839457
15	- 0.17289406
17	+ 0.03855672
19	+ 0.25471636
21	+ 0.30020877
23	+ 0.06099302
25	- 0.33712176
27	- 0.38316335
29	+ 0.55112657
31	- 0.15933043

k	a(31,12,k)
1	+ 0.21822782
3	+ 0.09162912
5	- 0.09123565
7	- 0.22494164
9	- 0.22489658
11	- 0.07899746
13	+ 0.13247090
15	+ 0.26813514
17	+ 0.20773894
19	- 0.04494509
21	- 0.30304413
23	- 0.27138852
25	+ 0.16741686
27	+ 0.50297521
29	- 0.45780738
31	+ 0.10866245

k	b(31,13,k)
1	+ 0.09811837
3	+ 0.22867750
5	+ 0.20355636
7	+ 0.03365259
9	- 0.16858869
11	- 0.25476356
13	- 0.14295569
15	+ 0.10285120
17	+ 0.28338950
19	+ 0.19927728
21	- 0.13571453
23	- 0.36990141
25	- 0.05241493
27	+ 0.55074674
29	- 0.35936725
31	+ 0.07140522

k	a(31,14,k)
1	+ 0.21480752
3	+ 0.04487865
5	- 0.16421078
7	- 0.24507734
9	- 0.12185267
11	+ 0.11667723
13	+ 0.26517691
15	+ 0.16398987
17	- 0.12750124
19	- 0.31173255
21	- 0.10759145
23	+ 0.32215276
25	+ 0.26216622
27	- 0.53398457
29	+ 0.26726207
31	- 0.04516063

k	b(31,15,k)
1	+ 0.11522252
3	+ 0.24236461
5	+ 0.14844689
7	- 0.08844550
9	- 0.25001432
11	- 0.16749230
13	+ 0.10105789
15	+ 0.28060431
17	+ 0.13339755
19	- 0.22079273
21	- 0.29971625
23	+ 0.15346188
25	+ 0.41540719
27	- 0.47062352
29	+ 0.18857742
31	- 0.02745399

k	a(31,16,k)
1	+ 0.21064688
3	- 0.00726369
5	- 0.22158724
7	- 0.20476419
9	+ 0.03984804
11	+ 0.25335376
13	+ 0.17459936
15	- 0.13974863
17	- 0.29541290
19	- 0.01193347
21	+ 0.34932357
23	+ 0.07109161
25	- 0.49007262
27	+ 0.38220949
29	- 0.12630828
31	+ 0.01601830

k	b(31,17,k)
1	+ 0.13345587
3	+ 0.24606773
5	+ 0.06912916
7	- 0.19722514
9	- 0.22877892
11	+ 0.03654872
13	+ 0.27245950
15	+ 0.13052845
17	- 0.23798949
19	- 0.24254580
21	+ 0.24047367
23	+ 0.27870875
25	- 0.48865831
27	+ 0.28821364
29	- 0.08029695
31	+ 0.00895450

k	a(31,18,k)
1	+ 0.20561312
3	- 0.06381097
5	- 0.25340570
7	- 0.10435588
9	+ 0.19805034
11	+ 0.22885667
13	- 0.09159250
15	- 0.29267790
17	+ 0.00629526
19	+ 0.33967116
21	- 0.02774015
23	- 0.41666083
25	+ 0.43078262
27	- 0.20265197
29	+ 0.04841310
31	- 0.00478638

k	b(31,19,k)
1	+ 0.15323139
3	+ 0.23777285
5	- 0.02837618
7	- 0.25991761
9	- 0.09520184
11	+ 0.23503014
13	+ 0.18649646
15	- 0.21029877
17	- 0.23609587
19	+ 0.25710202
21	+ 0.20134475
23	- 0.46544515
25	+ 0.34282620
27	- 0.13314048
29	+ 0.02764664
31	- 0.00244059

k	a(31,20,k)
1	+ 0.19951239
3	- 0.12343058
5	- 0.24968401
7	+ 0.03954475
9	+ 0.27337589
11	+ 0.02684304
13	- 0.29039873
15	- 0.04660276
17	+ 0.33097049
19	- 0.04486616
21	- 0.37042132
23	+ 0.43606565
25	- 0.24894120
27	+ 0.08177307
29	- 0.01492438
31	+ 0.00118386

k	b(31,21,k)
1	+ 0.17518267
3	+ 0.21498076
5	- 0.13374972
7	- 0.24570379
9	+ 0.10727323
11	+ 0.26780113
13	- 0.12278957
15	- 0.27598440
17	+ 0.22629995
19	+ 0.19465368
21	- 0.44223410
23	+ 0.35726528
25	- 0.16582712
27	+ 0.04691453
29	- 0.00759616
31	+ 0.00054450

k	a(31,22,k)
1	+ 0.19204800
3	- 0.18425700
5	- 0.20129139
7	+ 0.19049942
9	+ 0.20012755
11	- 0.22802947
13	- 0.16301116
15	+ 0.31122581
17	+ 0.00961981
19	- 0.36790817
21	+ 0.42197712
23	- 0.26084181
25	+ 0.10153663
27	- 0.02509182
29	+ 0.00363301
31	- 0.00023651

k	b(31,23,k)
1	+ 0.20036390
3	+ 0.17435317
5	- 0.23098070
7	- 0.13560802
9	+ 0.27542748
11	+ 0.05210140
13	- 0.32048027
15	+ 0.13531781
17	+ 0.25115841
19	- 0.43089456
21	+ 0.34211413
23	- 0.17118572
25	+ 0.05711867
27	- 0.01246994
29	+ 0.00162563
31	- 0.00009656

k	a(31,24,k)
1	+ 0.18273342
3	- 0.24352101
5	- 0.10143620
7	+ 0.29071788
9	- 0.02602005
11	- 0.29429736
13	+ 0.22591531
15	+ 0.13355940
17	- 0.39698909
19	+ 0.39393774
21	- 0.24151855
23	+ 0.10126626
25	- 0.02943897
27	+ 0.00573112
29	- 0.00067674
31	+ 0.00003682

k	b(31,25,k)
1	+ 0.23073579
3	+ 0.11092167
5	- 0.29594712
7	+ 0.06189772
9	+ 0.26814775
11	- 0.27181456
13	- 0.04286344
15	+ 0.34573644
17	- 0.41564169
19	+ 0.29956647
21	- 0.14988303
23	+ 0.05391316
25	- 0.01382986
27	+ 0.00241978
29	- 0.00026018
31	+ 0.00001302

k	a(31,26,k)
1	+ 0.17068211
3	- 0.29670298
5	+ 0.05143159
7	+ 0.26438589
9	- 0.28885310
11	+ 0.00828032
13	+ 0.30212898
15	- 0.41786897
17	+ 0.33914198
19	- 0.19379818
21	+ 0.08182794
23	- 0.02568698
25	+ 0.00587409
27	- 0.00092994
29	+ 0.00009148
31	- 0.00000422

k	b(31,27,k)
1	+ 0.27061557
3	+ 0.01591856
5	- 0.29118523
7	+ 0.28457232
9	- 0.01411880
11	- 0.28448268
13	+ 0.41473424
15	- 0.36068719
17	+ 0.22574300
19	- 0.10713102
21	+ 0.03904723
23	- 0.01083844
25	+ 0.00222824
27	- 0.00032104
29	+ 0.00002901
31	- 0.00000124

k	a(31,28,k)
1	+ 0.15397316
3	- 0.33511804
5	+ 0.24655832
7	+ 0.03373956
9	- 0.30365604
11	+ 0.41658028
13	- 0.36700378
15	+ 0.24114654
17	- 0.12367180
19	+ 0.05016926
21	- 0.01604604
23	+ 0.00397954
25	- 0.00074076
27	+ 0.00009763
29	- 0.00000814
31	+ 0.00000032

k	b(31,29,k)
1	+ 0.33281796
3	- 0.13164199
5	- 0.14964432
7	+ 0.36105318
9	- 0.42356389
11	+ 0.35735797
13	- 0.23633972
15	+ 0.12621967
17	- 0.05492614
19	+ 0.01942799
21	- 0.00552150
23	+ 0.00123397
25	- 0.00020924
27	+ 0.00002534
29	- 0.00000195
31	+ 0.00000007

k	a(31,30,k)
1	+ 0.12676188
3	- 0.33554615
5	+ 0.43496724
7	- 0.41665283
9	+ 0.32141789
11	- 0.20577548
13	+ 0.11054055
15	- 0.04990961
17	+ 0.01885474
19	- 0.00590042
21	+ 0.00150497
23	- 0.00030524
25	+ 0.00004740
27	- 0.00000530
29	+ 0.00000038
31	- 0.00000001

k	b(31,31,k)
1	+ 0.49906202
3	- 0.44034884
5	+ 0.34249355
7	- 0.23433769
9	+ 0.14060261
11	- 0.07364899
13	+ 0.03347681
15	- 0.01309962
17	+ 0.00436654
19	- 0.00122263
21	+ 0.00028215
23	- 0.00005225
25	+ 0.00000746
27	- 0.00000077
29	+ 0.00000005
31	- 0.00000000

m	N(0,m)	
0	.1414213562	1
m	N(1,m)	
0	.8164965809	0
1	.1154700538	1
m	N(2,m)	
0	.6324555320	0
1	.1549193338	1
2	.3098386677	1
m	N(3,m)	
0	.5345224838	0
1	.1851640200	1
2	.5855400438	1
3	.1434274331	2
m	N(4,m)	
0	.4714045208	0
1	.2108185107	1
2	.8944271910	1
3	.3346640106	2
4	.9465727653	2
m	N(5,m)	
0	.4264014327	0
1	.2335496832	1
2	.1235828761	2
3	.6054299749	2
4	.2568621845	3
5	.8122695477	3
m	N(6,m)	
0	.3922322703	0
1	.2541955637	1
2	.1607673905	2
3	.9646043430	2
4	.5283355577	3
5	.2478113426	4
6	.8584436723	4
m	N(7,m)	
0	.3651483717	0
1	.2732520204	1
2	.2007984064	2
3	.1419859148	3
4	.9418280098	3
5	.5650968059	4
6	.2881439640	5
7	.1078135991	6
m	N(8,m)	
0	.3429971703	0
1	.2910427500	1
2	.2435038350	2
3	.1978234507	3
4	.1532333860	4
5	.1104981661	5
6	.7161099620	5
7	.3922295798	6
8	.1568918319	7
m	N(9,m)	
0	.3244428423	0
1	.3077935056	1
2	.2887359019	2
3	.2646308253	3
4	.2337156167	4
5	.1955405140	5
6	.1514650309	6
7	.1049380516	7
8	.6118887309	7
9	.2596024026	8
m	N(10,m)	
0	.3086066999	0
1	.3236694375	1
2	.3363671463	2
3	.3430285286	3
4	.3395809182	4
5	.3221547454	5
6	.2881439640	6
7	.2376095998	7
8	.1746066833	8
9	.1076347883	9
10	.4813574069	9
m	N(11,m)	
0	.2948839123	0
1	.3387958215	1
2	.3862866699	2
3	.4336057115	3
4	.4749912585	4

m	N(11,m)	
5	.5026834980	5
6	.5076854470	6
7	.4816327042	7
8	.4198776571	8
9	.3252358347	9
10	.2107769111	10
11	.9886313454	10
m	N(12,m)	
0	.2828427125	0
1	.3532704347	1
2	.4383970803	2
3	.5369245757	3
4	.6443094909	4
5	.7513875293	5
6	.8434304098	6
7	.9005372486	7
8	.9005372486	8
9	.8253560215	9
10	.6705224016	10
11	.4547704189	11
12	.2227910953	12
m	N(13,m)	
0	.2721655270	0
1	.3671713698	1
2	.4926120854	2
3	.6535237818	3
4	.8520907620	4
5	.1084534481	6
6	.1337103908	7
7	.1582082680	8
8	.1775883403	9
9	.1862562227	10
10	.1786506928	11
11	.1515901396	12
12	.1071904157	13
13	.5465660213	13
m	N(14,m)	
0	.2626128657	0
1	.3805621976	1
2	.5488546067	2
3	.7839211783	3
4	.1103074875	5
5	.1520483785	6
6	.2039943061	7
7	.2644068404	8
8	.3281202599	9
9	.3854540295	10
10	.4222437337	11
11	.4222437337	12
12	.3729155683	13
13	.2740358578	14
14	.1450061460	15
m	N(15,m)	
0	.2540002540	0
1	.3934955015	1
2	.6070552932	2
3	.9286160358	3
4	.1402179465	5
5	.2079768245	6
6	.3013870519	7
7	.4240891733	8
8	.5752625432	9
9	.7456254752	10
10	.9132009767	11
11	.1041209312	13
12	.1082056458	14
13	.9917211246	14
14	.7552723070	15
15	.4136796796	16
m	N(16,m)	
0	.2461829820	0
1	.4060153751	1
2	.6671513390	2
3	.1088090905	4
4	.1754493866	5
5	.2785172668	6
6	.4332711857	7
7	.6570882870	8
8	.9657186114	9
9	.1365732358	11
10	.1842473682	12
11	.2345086142	13
12	.2774743343	14
13	.2988490040	15
14	.2835130588	16
15	.2232384057	17
16	.1262827124	18
m	N(17,m)	
0	.2390457219	0
1	.4181592315	1
2	.7290855329	2
3	.1262813186	4

m	N(17,m)	
4	.2165273562	5
5	.3661809861	6
6	.6083455434	7
7	.9884445116	8
8	.1562867999	10
9	.2390728327	11
10	.3513638708	12
11	.4919094192	13
12	.6488730888	14
13	.7947039877	15
14	.8849449084	16
15	.8670653904	17
16	.7044072531	18
17	.4107364807	19
m	N(18,m)	
0	.2324952775	0
1	.4299591433	1
2	.7928054872	2
3	.1453236463	4
4	.2639935134	5
5	.4737194232	6
6	.8367553327	7
7	.1449302750	9
8	.2450993349	10
9	.4027393037	11
10	.6393288244	12
11	.9737966534	13
12	.1411165418	15
13	.1924573037	16
14	.2434413728	17
15	.2796928434	18
16	.2824759253	19
17	.2363363152	20
18	.1418017891	21
m	N(19,m)	
0	.2264554068	0
1	.4414428557	1
2	.8582630043	2
3	.1659801656	4
4	.3184051642	5
5	.6041313227	6
6	.1130226213	8
7	.2077895611	9
8	.3740212099	10
9	.6564045594	11
10	.1117816685	13
11	.1836760241	14
12	.2892532921	15
13	.4329146868	16
14	.6091649608	17
15	.7942539356	18
16	.9397739302	19
17	.9766417168	20
18	.8401389718	21
19	.5178964442	22
m	N(20,m)	
0	.2208630521	0
1	.4526345643	1
2	.9254135529	2
3	.1882938026	4
4	.3803348378	5
5	.7606696757	6
6	.1502202246	8
7	.2920614969	9
8	.5572178222	10
9	.1039476369	12
10	.1888302597	13
11	.3324699801	14
12	.5642202659	15
13	.9167494218	16
14	.1414292125	18
15	.2049504002	19
16	.2749698161	20
17	.3345152188	21
18	.3571645168	22
19	.3154391602	23
20	.1995012419	24
m	N(21,m)	
0	.2156655464	0
1	.4635555209	1
2	.9942158298	2
3	.2123064043	4
4	.4503698945	5
5	.9468484805	6
6	.1967987610	8
7	.4033174430	9
8	.8126621297	10
9	.1604879115	12
10	.3095378740	13
11	.5807445290	14
12	.1054974827	16
13	.1845452240	17
14	.3088032241	18
15	.4902099210	19
16	.7303963321	20
17	.1006781865	22

m	N(21,m)	
18	.1257470146	23
19	.1377489529	24
20	.1247369821	25
21	.8083880365	25
m	N(22,m)	
0	.2108185107	0
1	.4742245132	1
2	.1064631392	3
3	.2380588163	4
4	.5291121620	5
5	.1166449332	7
6	.2544891992	8
7	.5481865118	9
8	.1162879200	11
9	.2422587473	12
10	.4941128319	13
11	.9832721204	14
12	.1901557781	16
13	.3557488859	17
14	.6403479946	18
15	.1101696347	20
16	.1796812365	21
17	.2748594394	22
18	.3887099469	23
19	.4977916165	24
20	.5587697037	25
21	.5181817059	26
22	.3437228583	27
m	N(23,m)	
0	.2062842493	0
1	.4846582477	1
2	.1136624341	3
3	.2655909509	4
4	.6171775978	5
5	.1423527856	7
6	.3252379548	8
7	.7344907139	9
8	.1635788489	11
9	.3583833018	12
10	.7703157084	13
11	.1619496034	15
12	.3318979225	16
13	.6604685267	17
14	.1270436577	19
15	.2349449108	20
16	.4149954537	21
17	.6944202147	22
18	.1089155549	24
19	.1578336339	25
20	.2069968703	26
21	.2378212978	27
22	.2256170931	28
23	.1530209575	29
m	N(24,m)	
0	.2020305089	0
1	.4948716593	1
2	.1210161062	3
3	.2949418483	4
4	.7151959731	5
5	.1722419991	7
6	.4112221365	8
7	.9713899023	9
8	.2265651117	11
9	.5206069910	12
10	.1175696117	14
11	.2602514296	15
12	.5630099243	16
13	.1186335524	18
14	.2425468710	19
15	.4789916910	20
16	.9088228342	21
17	.1645948157	23
18	.2822213190	24
19	.4533145619	25
20	.6723741537	26
21	.9020845883	27
22	.1059709448	29
23	.1027426429	30
24	.7118219106	30
m	N(25,m)	
0	.1980295086	0
1	.5048781643	1
2	.1285209985	3
3	.3261497310	4
4	.8238105779	5
5	.2067748140	7
6	.5148651347	8
7	.1269536738	10
8	.3094129566	11
9	.7438791992	12
10	.1760339477	14
11	.4090659286	15
12	.9310182371	16
13	.2069291447	18
14	.4476561849	19
15	.9390115354	20

m	N(25,m)	
16	.1901353444	22
17	.3696653595	23
18	.6856271030	24
19	.1203270682	26
20	.1977175486	27
21	.2998535089	28
22	.4111384175	29
23	.4933661010	30
24	.4884075219	31
25	.3453562707	32
m	N(26,m)	
0	.1942571725	0
1	.5146898682	1
2	.1361741393	3
3	.3592520532	4
4	.9436779431	5
5	.2464427189	7
6	.6388525434	8
7	.1641241901	10
8	.4171467409	11
9	.1047030010	13
10	.2590209195	14
11	.6302250974	15
12	.1504641797	17
13	.3515842756	18
14	.8017355017	19
15	.1778335370	21
16	.3822386990	22
17	.7926270365	23
18	.1577307887	25
19	.2992731297	26
20	.5370264312	27
21	.9018207326	28
22	.1397094671	30
23	.1955932540	31
24	.2395518347	32
25	.2419354938	33
26	.1744621656	34
m	N(27,m)	
0	.1906925178	0
1	.5243177385	1
2	.1439727247	3
3	.3942855449	4
4	.1075467580	6
5	.2917670406	7
6	.7861484107	8
7	.2100649750	10
8	.5557796829	11
9	.1453552484	13
10	.3751179377	14
11	.9534196337	15
12	.2381641482	17
13	.5833806381	18
14	.1397680665	20
15	.3265910497	21
16	.7418722552	22
17	.1632118961	24
18	.3462247156	25
19	.7044630809	26
20	.1366004595	28
21	.2503927782	29
22	.4293341794	30
23	.6788369421	31
24	.9695730873	32
25	.1210996398	34
26	.1246797102	35
27	.9162050135	35
m	N(28,m)	
0	.1873171623	0
1	.5337717496	1
2	.1519141032	3
3	.4312862525	4
4	.1219861735	6
5	.3432995224	7
6	.9600118101	8
7	.2663924661	10
8	.7324581844	11
9	.1992501679	13
10	.5353863505	14
11	.1418521266	16
12	.3699050898	17
13	.9474192985	18
14	.2378003566	20
15	.5834595426	21
16	.1395432269	23
17	.3242691563	24
18	.7294254298	25
19	.1581356649	27
20	.3286788073	28
21	.6507508377	29
22	.1217443339	31
23	.2129656064	32
24	.3433967221	33
25	.4999931745	34
26	.6363874156	35
27	.6674487523	36
28	.4994729109	37

m	N(29,m)	
0	.1841149236	0
1	.5430610042	1
2	.1599957627	3
3	.4702895754	4
4	.1377551154	6
5	.4016228919	7
6	.1164013727	9
7	.3349448236	10
8	.9556205333	11
9	.2699522294	13
10	.7539355464	14
11	.2078456865	16
12	.5646368223	17
13	.1508753542	19
14	.3957423441	20
15	.1016680490	22
16	.2551847778	23
17	.6240298386	24
18	.1481988755	26
19	.3405350898	27
20	.7538065549	28
21	.1599065180	30
22	.3229953336	31
23	.6162358213	32
24	.1098905887	34
25	.1805686628	35
26	.2678266088	36
27	.3471429608	37
28	.3706472557	38
29	.2822765402	39
m	N(30,m)	
0	.1810714921	0
1	.5521938362	1
2	.1682153187	3
3	.5113302997	4
4	.1549254866	6
5	.4673514184	7
6	.1402054255	9
7	.4178027582	10
8	.1235170808	12
9	.3618017498	13
10	.1048601093	15
11	.3002736563	16
12	.8482398622	17
13	.2359875862	19
14	.6454163413	20
15	.1731833775	22
16	.4549155170	23
17	.1166927024	25
18	.2914982772	26
19	.7068457570	27
20	.1657700239	29
21	.3743614219	30
22	.8098675814	31
23	.1667619416	33
24	.3242222706	34
25	.5889790034	35
26	.9855503773	36
27	.1488148435	38
28	.1963002606	39
29	.2132366641	40
30	.1651724098	41
m	N(31,m)	
0	.1781741613	0
1	.5611778995	1
2	.1765705039	3
3	.5544426287	4
4	.1735679971	6
5	.5411314610	7
6	.1678380095	9
7	.5173114880	10
8	.1582668823	12
9	.4800472222	13
10	.1441740936	15
11	.4281752129	16
12	.1255656207	18
13	.3630562242	19
14	.1033276128	21
15	.2889480531	22
16	.7923712199	23
17	.2126155093	25
18	.5568740737	26
19	.1419755884	28
20	.3512282084	29
21	.8400156993	30
22	.1933861367	32
23	.4263276225	33
24	.8942723653	34
25	.1770568950	36
26	.3274356009	37
27	.5576027358	38
28	.8566055767	39
29	.1149256980	41
30	.1269395824	42
31	.9995232715	42