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Table of Fourier Coefficients of Associated
Legendre Functions

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TABLE OF FOURIER COEFFICIENTS OF ASSOCIATED
 LEGENDRE FUNCTIONS

BY

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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.

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

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

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

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

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

In terms of the hypergeometric function we have

$$(2.2) \quad \left\{ \begin{aligned} P_n^m(x) &= \frac{(2n)!}{2^n n! (n-m)!} (1-x^2)^{\frac{1}{2}m} x^{n-m} F\left(\frac{1}{2}m - \frac{1}{2}n, \frac{1}{2}m - \frac{1}{2}n + \frac{1}{2}; \frac{1}{2} - n; x^{-2}\right) \\ &= (1-x^2)^{\frac{1}{2}m} \sum_{j=0}^{[\frac{1}{2}n - \frac{1}{2}m]} \frac{(-1)^j (2n-2j)!}{2^n j! (n-m-2j)! (n-j)!} x^{n-m-2j} \end{aligned} \right.$$

and also

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

The normalization integral for these functions reads

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

and they satisfy the recurrence relations

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

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

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

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

or

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

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

where

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

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

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

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

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

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

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

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

where

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

for which the normalization integral simply is

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

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

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

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

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

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

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

$$(2.14a) \quad \left\{ \begin{aligned} &-(n-m)^{\frac{1}{2}}(n+m+1)^{\frac{1}{2}}\bar{P}_n^{m+1}(\cos \vartheta) + (n+m)^{\frac{1}{2}}(n-m+1)^{\frac{1}{2}}\bar{P}_n^{m-1}(\cos \vartheta) = \\ &2 \frac{d}{d\vartheta} \bar{P}_n^m(\cos \vartheta), \end{aligned} \right.$$

$$(2.14b) \quad \left\{ \begin{aligned} &(n-m)^{\frac{1}{2}}(n+m+1)^{\frac{1}{2}}\bar{P}_n^{m+1}(\cos \vartheta) + (n+m)^{\frac{1}{2}}(n-m+1)^{\frac{1}{2}}\bar{P}_n^{m-1}(\cos \vartheta) = \\ &2m \cot \vartheta \bar{P}_n^m(\cos \vartheta). \end{aligned} \right.$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

For $m=n+1$ we have

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

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 $p_j=(1-1/2^j)p_{j-1}$ 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:

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

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

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

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

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

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

The integrand equals

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

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

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

By aid of (2.14b) we also have

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

From (2.13a) it follows, that

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

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

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

We see from (2.13b) that

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

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

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

and also that

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

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

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

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

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

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

4. *Tables*

The next 13 pages contain the coefficients $a_{n,k}^m$ and $b_{n,k}^m$ of the renormalized functions $\bar{P}_n^m(\cos \vartheta)$, 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_n^m for converting $\bar{P}_n^m(\cos \vartheta)$ into $P_n^m(\cos \vartheta)$. 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 $a_{n,k}^m$, $b_{n,k}^m$ and N_n^m 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)	k	a(5, 2, k)	k	b(7, 3, k)	k	b(8, 7, k)	k	a(10, 0, k)	k	a(11, 0, k)
0	+ 0.70710678	1	+ 0.53102017	1	+ 0.19498798	6	+ 0.24224791	0	+ 0.19624374	1	+ 0.37652301
		3	+ 0.26551009	3	+ 0.50696875	8	- 0.04037465	2	+ 0.39975577	3	+ 0.38847612
		5	- 0.79653026	5	+ 0.52430102			4	+ 0.42423061	5	+ 0.41622442
				7	- 0.61962847	k	a(8, 8, k)	6	+ 0.47725944	7	+ 0.47172101
k	a(1, 0, k)	k	b(5, 3, k)	k	a(7, 4, k)	0	+ 0.35327821	8	+ 0.60099337	9	+ 0.59751327
1	+ 1.22474487	1	+ 0.32518211	1	+ 0.43113465	2	- 0.56524513	10	+ 1.14188741	11	+ 1.14070716
k	b(1, 1, k)	3	+ 0.70456125	3	- 0.08622693	4	+ 0.28262256			k	b(11, 1, k)
1	+ 0.86602540	5	- 0.48777317	5	- 0.71855775	6	- 0.08074930	0	+ 0.00000000	1	+ 0.03277212
		k	a(5, 4, k)	7	+ 0.37365003	8	+ 0.01009366	2	+ 0.07623043	3	+ 0.10143752
		1	+ 0.45987696	k	b(7, 5, k)			4	+ 0.16179521	5	+ 0.18113843
		3	- 0.68981544	1	+ 0.35927887	k	a(9, 0, k)	6	+ 0.27302941	7	+ 0.28740630
k	a(2, 0, k)	5	+ 0.22993848	3	+ 0.47424811	1	+ 0.41481118	8	+ 0.45841976	9	+ 0.46806169
0	+ 0.39528471	k	b(5, 5, k)	5	- 0.61795966	3	+ 0.43456410	10	+ 1.08874692	11	+ 1.09214396
2	+ 1.18585412	1	+ 0.72712931	7	+ 0.18682501	5	+ 0.48422857	k	a(10, 2, k)	k	a(11, 2, k)
k	b(2, 1, k)	3	- 0.36356466	k	a(7, 6, k)	7	+ 0.60528571	0	+ 0.19805248	1	+ 0.37365968
0	+ 0.00000000	5	+ 0.07271293	1	+ 0.36639400	9	+ 1.14331745	2	+ 0.37409913	3	+ 0.33807304
2	+ 0.96824584			3	- 0.65950919	k	b(9, 1, k)	4	+ 0.30359065	5	+ 0.26054501
k	a(2, 2, k)	k	a(6, 0, k)	5	+ 0.36639400	1	+ 0.04372494	6	+ 0.16639103	7	+ 0.12243497
0	+ 0.48412292	0	+ 0.24897556	7	- 0.07327880	3	+ 0.13742123	8	- 0.09925079	9	- 0.13683909
2	- 0.48412292	2	+ 0.52284868	k	b(7, 7, k)	5	+ 0.25521086	10	- 0.94288249	11	- 0.95787361
		4	+ 0.62741842	1	+ 0.68546040	7	+ 0.44661901	k	b(10, 3, k)	k	b(11, 3, k)
		6	+ 1.15026710	3	- 0.41127624	9	+ 1.08464616	0	+ 0.00000000	1	+ 0.09986475
k	a(3, 0, k)	k	b(6, 1, k)	5	+ 0.13709208	k	a(9, 2, k)	2	+ 0.22441632	3	+ 0.28374270
1	+ 0.70156076	0	+ 0.00000000	7	- 0.01958458	1	+ 0.41017628	4	+ 0.40303340	5	+ 0.41610312
3	+ 1.16926793	2	+ 0.16135461			3	+ 0.35157967	6	+ 0.47402223	7	+ 0.44463591
k	b(3, 1, k)	4	+ 0.38725105	k	a(8, 0, k)	5	+ 0.21764456	8	+ 0.31143490	9	+ 0.25600249
1	+ 0.20252315	6	+ 1.06494040	0	+ 0.21798450	9	- 0.92498936	10	- 0.73965788	11	- 0.76800747
3	+ 1.01261573	k	a(6, 2, k)	2	+ 0.10569485	k	b(9, 3, k)	0	+ 0.20402525	1	+ 0.36465451
k	a(3, 2, k)	0	+ 0.25512403	4	+ 0.49326778	1	+ 0.13426170	2	+ 0.29470314	3	+ 0.19100950
1	+ 0.64043442	2	+ 0.43371086	6	+ 0.61071249	3	+ 0.37081804	4	- 0.01295398	5	+ 0.11286925
3	- 0.64043442	4	+ 0.15307442	8	+ 1.14508592	5	+ 0.49868632	6	- 0.40319275	7	- 0.44279476
k	b(3, 3, k)	6	- 0.84190931	k	b(8, 1, k)	7	+ 0.37401474	8	- 0.60559875	9	- 0.56087336
1	+ 0.78436877	k	b(6, 3, k)	0	+ 0.00000000	9	- 0.70647229	10	+ 0.52301710	11	+ 0.56087336
3	- 0.26145626	0	+ 0.00000000	2	+ 0.10569485	k	a(9, 4, k)	k	a(10, 4, k)	k	a(11, 4, k)
		2	+ 0.45922326	4	+ 0.23252866	1	+ 0.39525575	0	+ 0.20402525	1	+ 0.36465451
		4	+ 0.61229768	6	+ 0.43183894	3	+ 0.11293021	2	+ 0.29470314	3	+ 0.19100950
		6	- 0.56127287	8	+ 1.07959736	5	- 0.33879064	4	- 0.01295398	5	+ 0.11286925
k	a(4, 0, k)	k	a(6, 4, k)	k	a(8, 2, k)	7	- 0.64934873	6	- 0.40319275	7	- 0.44279476
0	+ 0.29831067	0	+ 0.27947438	0	+ 0.22107663	9	+ 0.47995341	8	- 0.60559875	9	- 0.56087336
2	+ 0.66291261	2	+ 0.13973719	2	+ 0.40425441	k	b(9, 5, k)	10	+ 0.33078506	11	+ 0.37098285
4	+ 1.16009706	4	- 0.72663338	4	+ 0.27792491	1	+ 0.23621049	0	+ 0.00000000	1	+ 0.17228306
k	b(4, 1, k)	6	+ 0.30742181	6	+ 0.00000000	3	+ 0.47242095	2	+ 0.35843582	3	+ 0.40199381
0	+ 0.00000000	k	b(6, 5, k)	8	- 0.90325595	5	+ 0.12147968	4	+ 0.40964094	5	+ 0.32405623
2	+ 0.29646353	0	+ 0.00000000	k	b(8, 3, k)	7	- 0.69175929	6	- 0.01536154	7	- 0.12552051
4	+ 1.03762236	2	+ 0.65542551	0	+ 0.00000000	9	+ 0.28682702	8	- 0.69638960	9	- 0.68896816
k	a(4, 2, k)	4	- 0.52434041	2	+ 0.30789172	k	a(9, 6, k)	10	+ 0.33078506	11	+ 0.37098285
0	+ 0.314444706	6	+ 0.13108510	4	+ 0.51315287	1	+ 0.36593572	k	a(10, 6, k)	k	a(11, 6, k)
2	+ 0.41926275	k	a(6, 6, k)	6	+ 0.44473249	3	- 0.24395715	0	+ 0.21640145	1	+ 0.34799472
4	- 0.73370980	0	+ 0.37841009	8	- 0.66709873	5	- 0.52276531	2	+ 0.15228250	3	- 0.03866608
k	b(4, 3, k)	2	- 0.56761514	k	a(8, 4, k)	7	+ 0.54890358	4	- 0.38013377	5	- 0.43913620
0	+ 0.00000000	4	+ 0.22704606	0	+ 0.23186713	9	- 0.14811684	6	- 0.40704083	7	- 0.28999560
2	+ 0.78436877	6	- 0.03784101	2	+ 0.26499100	k	b(9, 7, k)	8	+ 0.60340511	9	+ 0.64019982
4	- 0.39218439			4	- 0.23849190	1	+ 0.36972790	10	- 0.18491447	11	- 0.22039666
k	a(4, 4, k)	k	a(7, 0, k)	6	- 0.68897661	3	+ 0.31690963	k	b(10, 7, k)	k	b(11, 7, k)
0	+ 0.41597436	1	+ 0.46802465	8	+ 0.43061038	5	- 0.61872832	0	+ 0.00000000	1	+ 0.25677305
2	- 0.55463248	3	+ 0.50546662	k	b(8, 5, k)	7	+ 0.33577330	2	+ 0.46264610	3	+ 0.40350051
4	+ 0.13865812	5	+ 0.61779253	0	+ 0.00000000	9	- 0.06413647	4	+ 0.07553406	5	+ 0.11790599
		7	+ 1.14732899	2	+ 0.47771933	k	a(9, 8, k)	6	- 0.60899334	7	- 0.56158188
		k	b(7, 1, k)	4	+ 0.28663160	1	+ 0.30798080	8	+ 0.41543732	9	+ 0.48123113
k	a(5, 0, k)	1	+ 0.06254242	6	- 0.66880706	3	- 0.61596160	10	- 0.08969669	11	- 0.11615924
1	+ 0.54965810	3	+ 0.20263745	8	+ 0.23885966	5	+ 0.43997257	k	a(10, 8, k)	k	a(11, 8, k)
3	+ 0.64126778	5	+ 0.41278000	k	a(8, 6, k)	7	- 0.15399040	0	+ 0.24283862	1	+ 0.31978508
5	+ 1.15428200	7	+ 1.07322800	0	+ 0.25799792	9	+ 0.02199863	2	- 0.08094621	3	- 0.31978508
k	b(5, 1, k)	k	a(7, 2, k)	2	+ 0.00000000	k	b(9, 9, k)	4	- 0.50880472	5	- 0.34262687
1	+ 0.10035338	1	+ 0.45959108	4	- 0.61919501	1	+ 0.65332593	6	+ 0.53771408	7	+ 0.58627265
3	+ 0.35123683	3	+ 0.34928922	6	+ 0.47176763	3	- 0.43555062	8	- 0.22742029	9	- 0.29694329
5	+ 1.05371048	5	+ 0.06740669	8	- 0.11057054	5	+ 0.18666455	10	+ 0.03661852	11	+ 0.05329751
		7	- 0.87628699	k	b(8, 7, k)	7	- 0.04666614	k	b(10, 9, k)	k	b(11, 9, k)
				0	+ 0.00000000	9	+ 0.00518513	0	+ 0.00000000	1	+ 0.37155669
				2	+ 0.56524513			2	+ 0.49898592	3	+ 0.20642038
				4	- 0.56524513			4	- 0.57026963	5	- 0.57502821
								6	+ 0.32077667	7	+ 0.42758508
								8	- 0.09504494	9	- 0.14842608
								10	+ 0.01188062	11	+ 0.02064204
								k	a(10, 10, k)	k	a(11, 10, k)
								0	+ 0.33472993	1	+ 0.26755140
								2	- 0.55788322	3	- 0.57332442
								4	+ 0.31879041	5	+ 0.47777035
								6	- 0.11954641	7	- 0.22295950
								8	+ 0.02656587	9	+ 0.05733244
								10	- 0.00265659	11	- 0.00637027

k	b(11, 11, k)	k	a(12, 8, k)	k	b(13, 5, k)	k	a(14, 0, k)	k	b(14, 9, k)	k	a(15, 2, k)
1	+ 0.62746364	10	- 0.36032636	1	+ 0.13332679	8	+ 0.40027574	2	+ 0.37180283	15	- 0.99949821
3	- 0.44818831	12	+ 0.07144402	3	+ 0.33634713	10	+ 0.46031710	4	+ 0.16524570	k	b(15, 3, k)
5	+ 0.22409416	k	b(12, 9, k)	5	+ 0.36260847	12	+ 0.59015013	6	- 0.36262251	1	+ 0.06325837
7	- 0.07469805	0	+ 0.00000000	7	+ 0.14585143	14	+ 1.13814668	8	- 0.26038717	3	+ 0.18436841
9	+ 0.01493961	2	+ 0.43924154	9	- 0.28095591	k	b(14, 1, k)	10	+ 0.57710809	5	+ 0.28857022
11	- 0.00135815	4	- 0.06100577	11	- 0.65326087	0	+ 0.00000000	12	- 0.30879247	7	+ 0.36192259
k	a(12, 0, k)	6	- 0.50160299	13	+ 0.44139248	2	+ 0.04656343	14	+ 0.05633376	9	+ 0.38467540
0	+ 0.17991984	8	+ 0.50431436	k	a(13, 6, k)	4	+ 0.09594889	k	a(14, 10, k)	11	+ 0.32219006
2	+ 0.36451292	10	- 0.20335256	1	+ 0.32875261	6	+ 0.15191908	0	+ 0.19610239	13	+ 0.08787002
4	+ 0.37970096	12	+ 0.03118073	3	+ 0.06724485	8	+ 0.22097320	2	+ 0.01885600	15	- 0.84941015
6	+ 0.40983595	k	a(12, 10, k)	5	- 0.28143216	10	+ 0.31764898	4	- 0.41483199	k	a(15, 4, k)
8	+ 0.46721299	0	+ 0.23128617	7	- 0.42339352	12	+ 0.48869074	6	+ 0.00628533	1	+ 0.31839347
10	+ 0.59463471	2	- 0.13216352	9	- 0.08069382	14	+ 1.09955416	8	+ 0.50968338	3	+ 0.23675412
12	+ 1.13971653	4	- 0.41301101	11	+ 0.67593530	k	a(14, 2, k)	10	- 0.46751451	5	+ 0.08386588
k	b(12, 1, k)	6	+ 0.55068135	13	- 0.28641326	0	+ 0.16788684	12	+ 0.17713212	7	- 0.11760115
0	+ 0.00000000	8	- 0.31939518	k	b(13, 7, k)	2	+ 0.32608791	14	- 0.02571273	9	- 0.32743452
2	+ 0.05836878	10	+ 0.09411645	1	+ 0.19449267	4	+ 0.29605221	k	b(14, 11, k)	11	- 0.47330583
4	+ 0.12160163	12	- 0.01151425	3	+ 0.38456505	6	+ 0.24227493	0	+ 0.00000000	13	- 0.39571471
6	+ 0.19687882	k	b(12, 11, k)	5	+ 0.13997578	8	+ 0.15704778	2	+ 0.41483199	15	+ 0.67504274
8	+ 0.29925581	0	+ 0.00000000	7	- 0.34899226	10	+ 0.02202499	4	- 0.15084799	k	b(15, 5, k)
10	+ 0.47608879	2	+ 0.44818831	9	- 0.41550707	12	- 0.22024994	6	- 0.38969066	1	+ 0.10733042
12	+ 1.09500423	4	- 0.56023539	11	+ 0.57611086	14	- 0.99112472	8	+ 0.53025356	3	+ 0.28346238
k	a(12, 2, k)	6	+ 0.37349026	13	- 0.16944437	k	b(14, 3, k)	10	+ 0.30283878	5	+ 0.35031247
0	+ 0.18108438	8	- 0.14939610	k	a(13, 8, k)	0	+ 0.00000000	12	+ 0.08685188	7	+ 0.25744289
2	+ 0.34805829	10	+ 0.03395366	1	+ 0.31188211	2	+ 0.13834060	14	- 0.01028509	9	- 0.00575431
4	+ 0.30376709	12	- 0.00339537	3	- 0.13467637	4	+ 0.26270740	k	a(14, 12, k)	11	- 0.37403024
6	+ 0.22210927	k	a(12, 12, k)	5	- 0.42135589	6	+ 0.35695291	0	+ 0.22204224	13	- 0.60420270
8	+ 0.08440152	0	+ 0.32020120	7	- 0.01102614	8	+ 0.39905779	2	- 0.16653168	15	+ 0.50062509
10	- 0.16880304	2	- 0.54891634	9	+ 0.58123485	10	+ 0.35158923	4	- 0.33306336	k	a(15, 6, k)
12	- 0.97061751	4	+ 0.34307271	11	- 0.41663040	12	+ 0.12336464	6	+ 0.53660208	1	+ 0.31107310
k	b(12, 3, k)	6	- 0.15247676	13	+ 0.09057183	k	a(14, 4, k)	8	- 0.38352750	3	+ 0.12496099
0	+ 0.00000000	8	+ 0.04574303	k	b(13, 9, k)	0	+ 0.17041160	10	+ 0.15643885	5	- 0.15589911
2	+ 0.17281727	10	- 0.00831691	1	+ 0.26763114	2	+ 0.29166600	12	- 0.03545430	7	- 0.36908207
4	+ 0.32163215	12	+ 0.00069308	3	+ 0.33453892	4	+ 0.15114595	14	+ 0.00349367	9	- 0.32799239
6	+ 0.41710836	k	a(13, 0, k)	5	- 0.25193672	6	- 0.05849209	k	b(14, 13, k)	11	+ 0.08338789
8	+ 0.41348133	1	+ 0.34724519	7	- 0.38823035	8	- 0.29434731	0	+ 0.00000000	13	+ 0.67901571
10	+ 0.20674066	3	+ 0.35513713	9	+ 0.55283401	10	- 0.47737095	2	+ 0.40791764	15	- 0.34546413
12	- 0.79250587	5	+ 0.37267477	11	- 0.25734341	12	- 0.43397359	4	- 0.54389018	k	b(15, 7, k)
k	a(12, 4, k)	7	+ 0.40461832	13	+ 0.04317842	14	+ 0.65096039	6	+ 0.40791764	1	+ 0.15474902
0	+ 0.18481847	9	+ 0.46347189	k	a(13, 10, k)	k	b(14, 5, k)	8	- 0.19777825	3	+ 0.34520935
2	+ 0.29762975	11	+ 0.59221408	1	+ 0.28522530	0	+ 0.00000000	10	+ 0.06180570	5	+ 0.24997919
4	+ 0.09560956	13	+ 1.13887324	3	- 0.35653162	2	+ 0.22586171	12	- 0.01141028	7	- 0.10208385
6	- 0.19041903	k	b(13, 1, k)	5	- 0.19807312	4	+ 0.35590330	14	+ 0.00095086	9	- 0.42549539
8	- 0.46516649	1	+ 0.02573953	7	+ 0.55460474	6	+ 0.31346868	k	a(14, 14, k)	11	- 0.25482315
10	- 0.51685166	3	+ 0.07897355	9	- 0.40190837	8	+ 0.06570523	0	+ 0.30835675	13	+ 0.63240162
12	+ 0.59437941	5	+ 0.13812246	11	+ 0.13468972	10	- 0.33372779	2	- 0.53962431	15	- 0.22095960
k	b(12, 5, k)	7	+ 0.20994614	13	- 0.01800665	12	- 0.62967507	4	+ 0.35974954	k	a(15, 8, k)
0	+ 0.00000000	9	+ 0.30919340	k	b(13, 11, k)	14	+ 0.47225630	6	- 0.17987477	1	+ 0.29987397
2	+ 0.27991367	11	+ 0.48287611	1	+ 0.36975536	k	a(14, 6, k)	8	+ 0.06540901	3	- 0.02306723
4	+ 0.39654436	13	+ 1.09744571	3	+ 0.12605296	0	+ 0.17508127	10	- 0.01635225	5	- 0.34600843
6	+ 0.23326139	k	a(13, 2, k)	5	- 0.51821774	2	+ 0.23231938	12	+ 0.00251573	7	- 0.27750575
8	- 0.21273439	1	+ 0.34533198	7	+ 0.47620008	4	- 0.05693202	14	- 0.00017969	9	+ 0.22438122
10	- 0.67365889	3	+ 0.32178662	9	- 0.22765929	6	- 0.34046982	k	a(15, 0, k)	11	+ 0.49978996
12	+ 0.40774091	5	+ 0.27178906	11	+ 0.05831541	8	- 0.38077116	1	+ 0.32390809	13	- 0.50777861
k	a(12, 6, k)	7	+ 0.18778153	13	- 0.00636631	k	b(13, 13, k)	3	+ 0.32944498	15	+ 0.13031486
0	+ 0.19201252	9	+ 0.05121315	k	a(13, 12, k)	1	+ 0.23768775	5	+ 0.34142480	k	b(15, 9, k)
2	+ 0.20946821	11	- 0.19631706	3	+ 0.23768775	3	- 0.53479743	7	+ 0.36211721	1	+ 0.20822201
4	- 0.18328468	13	- 0.98158528	5	+ 0.49518281	5	+ 0.45449042	9	+ 0.39660457	3	+ 0.35059604
6	- 0.44711980	k	b(13, 3, k)	7	- 0.27730237	7	+ 0.47620008	11	+ 0.45762066	5	- 0.00533903
8	- 0.18004291	1	+ 0.07809113	9	+ 0.09723590	9	- 0.22765929	13	+ 0.58836941	7	- 0.40657492
10	+ 0.66331599	3	+ 0.22539941	11	- 0.01980731	11	- 0.01980731	15	+ 1.13751420	9	- 0.13369137
12	- 0.25427113	5	+ 0.34455193	13	+ 0.00180066	13	+ 0.00180066	k	b(15, 1, k)	11	+ 0.58163026
k	b(12, 7, k)	7	+ 0.41048240	k	b(13, 13, k)	1	+ 0.60598723	1	+ 0.02090818	13	- 0.35674401
0	+ 0.00000000	9	+ 0.38217327	1	+ 0.60598723	3	- 0.45449042	3	+ 0.06379675	15	+ 0.07037807
2	+ 0.37275141	11	+ 0.16277750	3	- 0.45449042	5	+ 0.25249468	5	+ 0.11019438	k	a(15, 10, k)
4	+ 0.27956356	13	- 0.81388752	5	+ 0.25249468	7	- 0.10099787	7	+ 0.16362196	1	+ 0.28335427
6	- 0.25737597	k	a(13, 4, k)	7	- 0.10099787	9	+ 0.02754487	9	+ 0.23040643	3	- 0.19616834
8	- 0.49345187	1	+ 0.33939460	9	+ 0.02754487	11	- 0.00459081	11	+ 0.32493215	5	- 0.36182161
10	+ 0.53427702	3	+ 0.22369190	11	- 0.47549526	13	+ 0.00035314	13	+ 0.49372807	7	+ 0.17106936
12	- 0.14288804	5	+ 0.01228448	13	+ 0.62422323	k	a(14, 0, k)	15	+ 1.10139339	9	+ 0.43394815
k	a(12, 8, k)	7	- 0.24968929	0	+ 0.20501327	0	+ 0.16708547	k	a(15, 2, k)	11	- 0.51585008
0	+ 0.20501327	9	- 0.47549526	2	+ 0.07455028	2	+ 0.33738412	1	+ 0.32255565	13	+ 0.21994632
2	+ 0.41934533	11	- 0.47440966	4	- 0.16862564	4	+ 0.34760788	3	+ 0.30601434	15	- 0.03447807
4	- 0.16862564	13	+ 0.62422323	6	+ 0.59728976	6	+ 0.36691943	5	+ 0.27142795	k	b(15, 11, k)
6	- 0.16862564							7	+ 0.21515102	1	+ 0.27336995
8	+ 0.59728976							9	+ 0.12943693	3	+ 0.27336995
								11	- 0.00382949	5	- 0.32307358
								13	- 0.24125819	7	- 0.22667866

	k	b(15, 11, k)	k	b(16, 3, k)	k	b(16, 11, k)	k	a(17, 2, k)	k	a(17, 10, k)	k	a(18, 0, k)
9	14	+ 0.54146830	14	+ 0.05576287	14	+ 0.15171516	11	+ 0.08199092	11	+ 0.24278335	6	+ 0.31278054
11	16	- 0.37057588	16	- 0.86432443	16	- 0.02081049	13	- 0.04755473	13	- 0.56581762	8	+ 0.32809148
13		+ 0.11835025					15	- 0.27641188	15	+ 0.30259081	10	+ 0.35152658
15	k	- 0.01511963	k	a(16, 4, k)	k	a(16, 12, k)	17	- 1.01351023	17	- 0.05456556	12	+ 0.38835318
k		a(15, 12, k)	0	+ 0.15903617	0	+ 0.18884189	k	b(17, 3, k)	k	b(17, 11, k)	14	+ 0.45146057
	2	+ 0.28273098	2	+ 0.28273098	2	- 0.02238126					16	+ 0.58424309
1	4	+ 0.25826762	4	+ 0.18051285	4	- 0.39167207	1	+ 0.05260892	1	+ 0.21698761	18	+ 1.13602823
3	6	- 0.37305323	6	+ 0.02340214	6	+ 0.12818359	3	+ 0.15431949	3	+ 0.31246217	k	b(18, 1, k)
5	8	- 0.08608921	8	- 0.16639428	8	+ 0.3293273	5	+ 0.24516492	5	- 0.11046642		
7	10	+ 0.49305637	10	- 0.35139164	10	- 0.50944759	7	+ 0.31661673	7	- 0.38060704	0	+ 0.00000000
9	12	- 0.46175121	12	- 0.46507718	12	+ 0.27960925	9	+ 0.35759520	9	+ 0.08149795	2	+ 0.03219067
11	14	+ 0.21853414	14	- 0.35965968	14	- 0.07716057	11	+ 0.35148078	11	+ 0.47133076	4	+ 0.06555192
13	16	- 0.05478404	16	+ 0.69684063	16	+ 0.00879404	13	+ 0.26769344	13	- 0.47556834	6	+ 0.10147944
15		+ 0.00581955					15	+ 0.02659775	15	+ 0.18601894	8	+ 0.14192924
k	k	b(15, 13, k)	k	b(16, 5, k)	k	b(16, 13, k)	17	- 0.87772561	17	- 0.02728278	10	+ 0.19008381
	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	k	a(17, 4, k)	k	a(17, 12, k)	12	+ 0.25199682
1	2	+ 0.36633100	2	+ 0.18700896	2	+ 0.39171204					14	+ 0.34177068
3	4	+ 0.06575172	4	+ 0.31359964	4	- 0.21092187	1	+ 0.30068501	1	+ 0.26020575	16	+ 0.50547597
5	6	- 0.46026203	6	+ 0.32834161	6	- 0.28762073	3	+ 0.24054801	3	- 0.23591988	18	+ 1.10572868
7	8	+ 0.49612660	8	+ 0.19961096	8	+ 0.51771731	5	+ 0.12616154	5	- 0.29143044	k	a(18, 2, k)
9	10	- 0.29289402	10	- 0.06835992	10	- 0.37611941	7	- 0.02989646	7	+ 0.27818360		
11	12	+ 0.10437511	12	- 0.40430010	12	+ 0.15234416	9	- 0.20629912	9	+ 0.27003170	0	+ 0.14839167
13	14	- 0.02121659	14	- 0.57773898	14	- 0.03392450	11	- 0.36814972	11	- 0.52841783	2	+ 0.29154599
15	16	+ 0.00190489	16	+ 0.52676201	16	+ 0.00326602	13	- 0.45395470	13	+ 0.33684817	4	+ 0.27551651
k	k	a(15, 14, k)	k	a(16, 6, k)	k	a(16, 14, k)	15	- 0.32575453	15	- 0.10191088	6	+ 0.24765721
	0	+ 0.21460722	0	+ 0.16228878	0	+ 0.21439077	17	+ 0.71665996	17	+ 0.01240981	8	+ 0.20589994
1	2	- 0.50075017	2	+ 0.24042783	2	- 0.19056957	k	b(17, 5, k)	k	b(17, 13, k)	10	+ 0.14638413
3	4	+ 0.50075017	4	+ 0.02293312	4	- 0.26679740					12	+ 0.06149901
5	6	+ 0.31865920	6	- 0.22939841	6	- 0.50934049	1	+ 0.08889939	1	+ 0.27619423	14	- 0.06619685
7	8	+ 0.13566823	8	- 0.37510104	8	- 0.42445041	3	+ 0.24180634	3	+ 0.22095539	16	- 0.29126613
9	10	- 0.03851924	10	- 0.27069147	10	+ 0.21455735	5	+ 0.32317103	5	- 0.35692793	18	- 1.01943148
11	12	+ 0.00650325	12	+ 0.14915652	12	- 0.06796537	7	+ 0.29626498	7	- 0.09193598	k	b(18, 3, k)
13	14	- 0.00050025	14	+ 0.67286166	14	+ 0.01252695	9	+ 0.14298503	9	+ 0.48163991		
15	16		16	- 0.37247699	16	- 0.00103281	11	- 0.12255860	11	- 0.44155420	0	+ 0.00000000
k	k	b(15, 15, k)	k	b(16, 7, k)	k	b(16, 15, k)	13	- 0.42650392	13	+ 0.20288910	2	+ 0.09600227
	0	+ 0.58772606	0	+ 0.00000000	0	+ 0.00000000	15	- 0.55090089	15	- 0.04928113	4	+ 0.18618622
1	2	- 0.45712027	2	+ 0.25523880	2	+ 0.37513658	17	+ 0.55090089	17	+ 0.00506628	6	+ 0.26421137
3	4	+ 0.27427216	4	+ 0.33377381	4	- 0.52519121	k	a(17, 6, k)	k	a(17, 14, k)	8	+ 0.32249576
5	6	- 0.12466917	6	+ 0.15528514	6	+ 0.42970190					10	+ 0.35093009
7	8	+ 0.04155639	8	- 0.19098288	8	- 0.23872328	1	+ 0.29538151	1	+ 0.23658222	12	+ 0.33401346
9	10	- 0.00958994	10	- 0.42709789	10	- 0.09181664	3	+ 0.15753681	3	- 0.37853155	14	+ 0.24268166
11	12	+ 0.00136999	12	- 0.17867080	12	- 0.02360999	5	- 0.06609936	5	- 0.00000000	16	+ 0.00000000
13	14	- 0.00009133	14	+ 0.64966233	14	+ 0.00367267	7	+ 0.28009603	7	+ 0.42154650	18	- 0.88983274
15	16		16	- 0.24560405	16	- 0.00026233	9	- 0.36492355	9	- 0.48639980	k	a(18, 4, k)
k	k	a(16, 0, k)	k	a(16, 8, k)	k	a(16, 16, k)	11	- 0.21246223	11	+ 0.29117811		
	0	+ 0.15665318	0	+ 0.16746558	0	+ 0.29841932	13	+ 0.20538015	13	- 0.10323588	0	+ 0.14973461
2	2	+ 0.31562714	2	+ 0.17862995	2	- 0.53052324	15	+ 0.66320674	15	+ 0.02068026	2	+ 0.27304546
4	4	+ 0.32291084	4	- 0.15801880	4	+ 0.37136627	17	- 0.39792404	17	- 0.00181986	4	+ 0.19601621
6	6	+ 0.33625427	6	- 0.36350570	6	- 0.20256342	k	b(17, 7, k)	k	b(17, 15, k)	6	+ 0.07536621
8	8	+ 0.35804852	8	- 0.17915043	8	+ 0.08401442					8	- 0.07628159
10	10	+ 0.39345992	10	+ 0.30188045	10	- 0.02596967	1	+ 0.12725633	1	+ 0.36219107	10	- 0.23865241
12	12	+ 0.45528933	12	+ 0.44568261	12	+ 0.00556493	3	+ 0.30541519	3	+ 0.01931636	12	- 0.37922849
14	14	+ 0.58681736	14	- 0.54338481	14	- 0.00074199	5	+ 0.28975287	5	- 0.40565400	14	- 0.44085312
16	16	+ 1.13695864	16	+ 0.15040115	16	+ 0.00004637	7	+ 0.06158138	7	+ 0.49784809	16	- 0.29390209
k	k	b(16, 1, k)	k	b(16, 9, k)	k	a(17, 0, k)	9	+ 0.25807227	9	- 0.34277290	18	+ 0.73475521
	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.30473523	11	- 0.41298828	11	+ 0.15196828	k	b(18, 5, k)
2	2	+ 0.03827541	2	+ 0.31577612	2	+ 0.30879837	13	- 0.10744233	13	- 0.04336162		
4	4	+ 0.07831738	4	+ 0.25747899	4	+ 0.331743609	15	+ 0.66124436	15	+ 0.00731136	0	+ 0.00000000
6	6	+ 0.12233046	6	- 0.14706776	6	+ 0.33186500	17	- 0.26939585	17	- 0.00055722	2	+ 0.15805244
8	8	+ 0.17367905	8	- 0.40116080	8	+ 0.35455662	k	a(17, 8, k)	k	a(17, 16, k)	4	+ 0.27587335
10	10	+ 0.23857012	10	- 0.01692972	10	+ 0.39073587					6	+ 0.31787330
12	12	+ 0.33127165	12	+ 0.57066833	12	+ 0.45325361	1	+ 0.28744274	1	+ 0.19616361	8	+ 0.25846123
14	14	+ 0.49813440	14	- 0.40069813	14	+ 0.58545258	3	+ 0.04599084	3	- 0.47079267	10	+ 0.08927115
16	16	+ 1.10301189	16	+ 0.08507974	16	+ 1.13646677	5	- 0.25118074	5	+ 0.49932556	12	- 0.16906862
k	k	a(16, 2, k)	k	a(16, 10, k)	k	b(17, 1, k)	7	- 0.34235838	7	- 0.34952789	14	- 0.44222011
	0	+ 0.15723230	0	+ 0.17555162	0	+ 0.01742055	9	- 0.08120760	9	+ 0.14557717	16	- 0.52411273
2	2	+ 0.30747650	2	+ 0.09362753	2	+ 0.05295848	11	+ 0.36230611	11	- 0.06035803	18	+ 0.57324829
4	4	+ 0.28597465	4	- 0.31833361	4	+ 0.09073307	13	+ 0.38772896	13	+ 0.01426644	k	a(18, 6, k)
6	6	+ 0.24815982	6	- 0.25024086	6	+ 0.13280021	15	- 0.57309938	15	- 0.00205766		
8	8	+ 0.19025586	8	+ 0.28879759	8	+ 0.18241788	17	+ 0.17038090	17	+ 0.00013718	0	+ 0.15211528
10	10	+ 0.10453619	10	+ 0.34155490	10	+ 0.24570571	k	b(17, 9, k)	k	b(17, 17, k)	2	+ 0.24159485
12	12	- 0.02688073	12	+ 0.54801570	12	+ 0.33684019					4	+ 0.07418670
14	14	- 0.25984710	14	+ 0.26202614	14	+ 0.50202144	1	+ 0.16911648	1	+ 0.57191029	6	- 0.13938790
16	16	- 1.00690749	16	- 0.04414571	16	+ 1.10444717	3	+ 0.33372319	3	- 0.45752823	8	- 0.31161418
k	k	b(16, 3, k)	k	b(16, 11, k)	k	a(17, 2, k)	5	+ 0.13529318	5	+ 0.29115433	10	- 0.34352648
	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.27616606	7	- 0.24967742	7	- 0.14557717	12	- 0.15553892
2	2	+ 0.11397250	2	+ 0.36412565	2	+ 0.08837314	9	- 0.36230611	9	+ 0.05599122	14	+ 0.25313959
4	4	+ 0.21914788	4	+ 0.07282513	4	- 0.08555503	11	+ 0.54795767	11	- 0.01599749	16	+ 0.65093038
6	6	+ 0.30583466	6	- 0.39181124	6	- 0.11850034	13	+ 0.44046311	13	+ 0.00039994	18	- 0.42189932
8	8	+ 0.36162540	8	- 0.06319536	8	+ 0.35920899	k	a(17, 10, k)	k	a(18, 0, k)		
10	10	+ 0.36854768	10	+ 0.51875752	10	+ 0.29765495					0	+ 0.00000000
12	12	+ 0.29419719	12	- 0.42847843	12	+ 0.22759766	1	+ 0.27616606	1	+ 0.29765495	2	+ 0.21697644
							3	- 0.08837314	3	- 0.45752823	4	+ 0.31560209
							5	- 0.35349255	5	- 0.29115433	6	+ 0.22759766
							7	- 0.11850034	7	- 0.14557717	8	- 0.02427708
							9	+ 0.35920899	9	+ 0.05599122	10	- 0.30563114
									11	- 0.01599749	12	- 0.38793789
									13	+ 0.00039994	14	- 0.04175721
									15	+ 0.00002353		
											0	+ 0.00000000
											2	+ 0.21697644
											4	+ 0.31560209
											6	+ 0.22759766
											8	- 0.02427708

k	b(18, 7,k)	k	b(18, 15,k)	k	b(19, 3,k)	k	a(19, 10,k)	k	a(19, 18,k)	k	b(20, 5,k)
16	+ 0.66811526	0	+ 0.00000000	7	+ 0.27778787	17	+ 0.37727605	1	+ 0.18104221	0	+ 0.00000000
18	- 0.29230042	2	+ 0.37052898	9	+ 0.32465757	19	- 0.07712273	3	- 0.44437632	2	+ 0.13582024
k	a(18, 8,k)	4	- 0.25151058	11	+ 0.34242322	k	b(19, 11,k)	5	+ 0.49375147	4	+ 0.24367750
0	+ 0.15579390	6	- 0.19911254	13	+ 0.31650593	1	+ 0.17905834	7	- 0.37221265	6	+ 0.29818997
2	+ 0.19611702	8	+ 0.48367419	15	+ 0.21911949	3	+ 0.31311271	9	+ 0.20509676	8	+ 0.27945027
4	- 0.07331478	10	- 0.42321492	17	- 0.02434661	5	+ 0.03638619	11	- 0.08355794	10	+ 0.17669018
6	- 0.30425632	12	+ 0.21650178	19	- 0.09082456	7	- 0.31657455	13	+ 0.02468757	12	- 0.00637499
8	- 0.29618144	14	- 0.06831898	k	a(19, 4,k)	9	- 0.22430336	15	- 0.00502688	14	- 0.24224980
10	+ 0.00961295	16	+ 0.01243734	1	+ 0.28553752	11	+ 0.28518360	17	+ 0.00063301	16	- 0.45899962
12	+ 0.39124162	18	- 0.00100765	3	+ 0.23972036	13	+ 0.33367954	19	- 0.00003724	18	- 0.47174962
14	+ 0.32839764	k	a(18, 16,k)	5	+ 0.15167590	k	b(19, 19,k)	k	a(20, 6,k)	20	+ 0.61327450
16	- 0.59753556	0	+ 0.20789774	7	+ 0.02888233	1	+ 0.55800955	1	+ 0.55800955	0	+ 0.14374028
18	+ 0.19012495	2	- 0.20789774	9	- 0.11628225	3	- 0.45655327	3	- 0.45655327	2	+ 0.23933789
k	b(18, 9,k)	4	- 0.21167769	11	- 0.26463924	5	+ 0.30436885	5	+ 0.30436885	4	+ 0.10765350
0	+ 0.00000000	6	+ 0.47627481	13	- 0.38582305	7	- 0.16389092	7	- 0.16389092	6	- 0.07077938
2	+ 0.27105405	8	- 0.44777974	15	- 0.42643600	9	+ 0.07023896	9	+ 0.07023896	8	- 0.23963664
4	+ 0.28912432	10	+ 0.26459712	17	- 0.26398420	11	- 0.02341299	11	- 0.02341299	10	- 0.33139092
6	+ 0.01204685	12	- 0.10467578	19	+ 0.75133962	13	+ 0.00585325	13	+ 0.00585325	12	- 0.28116787
8	- 0.31338651	14	+ 0.02718663	k	b(19, 5,k)	15	- 0.00103293	15	- 0.00103293	14	- 0.05035842
10	- 0.30285605	16	- 0.00422466	1	+ 0.07524574	17	+ 0.00011477	17	+ 0.00011477	16	+ 0.32732975
12	+ 0.17217804	18	+ 0.00029932	3	+ 0.20883712	19	- 0.00000604	19	- 0.00000604	18	+ 0.62108723
14	+ 0.51662139	k	b(18, 17,k)	5	+ 0.29341816	k	a(20, 0,k)	k	b(20, 7,k)	20	- 0.46581542
16	- 0.47604902	0	+ 0.00000000	7	+ 0.30216869	0	+ 0.14056403	0	+ 0.00000000	0	+ 0.00000000
18	+ 0.11570636	2	+ 0.34787945	9	+ 0.21793003	2	+ 0.28247317	2	+ 0.28247317	2	+ 0.18720013
k	a(18, 10,k)	4	- 0.50600647	11	+ 0.03935741	4	+ 0.28662719	4	+ 0.28662719	4	+ 0.29181196
0	+ 0.16126200	6	+ 0.44275566	13	- 0.20869783	6	+ 0.29397661	6	+ 0.29397661	6	+ 0.29200018
2	+ 0.13470120	8	- 0.27246502	15	- 0.45271375	8	+ 0.30528340	8	+ 0.30528340	8	+ 0.08664208
4	- 0.22159297	10	+ 0.12163617	17	- 0.49766406	10	+ 0.32193522	10	+ 0.32193522	10	- 0.16142532
6	- 0.32404177	12	- 0.03892357	19	+ 0.59398613	12	+ 0.34652749	12	+ 0.34652749	12	- 0.35355654
8	+ 0.00928699	14	- 0.00851453	k	a(19, 6,k)	14	+ 0.38438344	14	+ 0.38438344	14	- 0.31858941
10	+ 0.39151310	16	- 0.00114481	1	+ 0.28154339	16	+ 0.44844735	16	+ 0.44844735	16	+ 0.07252442
12	+ 0.14466482	18	+ 0.00007155	3	+ 0.17615307	18	+ 0.58219480	18	+ 0.58219480	18	+ 0.67085088
14	- 0.57131062	k	a(18, 18,k)	5	- 0.00301116	20	+ 1.13527986	20	+ 1.13527986	20	- 0.33542544
16	+ 0.34111657	0	+ 0.28989954	7	- 0.19683032	k	b(20, 1,k)	k	a(20, 8,k)	0	+ 0.14647844
18	- 0.06559934	2	- 0.52181917	9	- 0.32761103	0	+ 0.00000000	0	+ 0.00000000	2	+ 0.20464930
k	b(18, 11,k)	4	+ 0.37950485	11	- 0.31467550	2	+ 0.02756656	2	+ 0.02756656	4	- 0.01265659
0	+ 0.00000000	6	- 0.22137783	13	- 0.10125642	4	+ 0.05594390	4	+ 0.05594390	6	- 0.23515705
2	+ 0.31787019	8	+ 0.10217438	15	+ 0.29347199	6	+ 0.08606754	6	+ 0.08606754	8	- 0.31686201
4	+ 0.18494266	10	- 0.03649085	17	+ 0.63671409	8	+ 0.11917044	8	+ 0.11917044	10	- 0.16848398
6	- 0.24273724	12	+ 0.00973089	19	- 0.44449852	10	+ 0.15708830	10	+ 0.15708830	12	+ 0.15822963
8	- 0.31685980	14	- 0.00182454	k	b(19, 7,k)	12	+ 0.20290572	12	+ 0.20290572	14	+ 0.41624371
10	+ 0.19844153	16	+ 0.00021465	1	+ 0.10719774	14	+ 0.26258388	14	+ 0.26258388	16	+ 0.21192317
12	+ 0.40739117	18	- 0.00001192	3	+ 0.27000073	16	+ 0.35011184	16	+ 0.35011184	18	+ 0.63291852
14	- 0.51180536	k	a(19, 0,k)	5	+ 0.29694348	18	+ 0.51134755	18	+ 0.51134755	20	+ 0.22855391
16	+ 0.22050855	1	+ 0.28861638	7	+ 0.15759964	20	+ 1.10791970	k	a(20, 2,k)	k	b(20, 9,k)
18	- 0.03445446	3	+ 0.29170318	9	- 0.09898956	k	b(19, 14,k)	0	+ 0.00000000	0	+ 0.00000000
k	a(18, 12,k)	5	+ 0.29818548	11	- 0.33650403	0	+ 0.24101068	0	+ 0.00000000	0	+ 0.14647844
0	+ 0.16949871	7	+ 0.30877194	13	- 0.35556841	2	- 0.26163192	2	+ 0.02756656	2	+ 0.20464930
2	+ 0.05384077	9	+ 0.32481204	15	+ 0.01820316	4	- 0.22257349	4	+ 0.05594390	4	- 0.01265659
4	- 0.33500922	11	+ 0.34887220	17	+ 0.67108987	6	+ 0.33357491	6	+ 0.08606754	6	- 0.23515705
6	- 0.13958717	13	+ 0.38625136	19	- 0.31430791	8	+ 0.12075319	8	+ 0.11917044	8	- 0.31686201
8	- 0.35950779	15	+ 0.44986923	k	a(19, 8,k)	10	+ 0.15708830	10	+ 0.15708830	10	- 0.16848398
10	+ 0.13763491	17	+ 0.58316382	1	+ 0.27565134	12	+ 0.20290572	12	+ 0.20290572	12	+ 0.15822963
12	- 0.52265008	19	+ 1.13563480	3	+ 0.08991835	14	+ 0.26258388	14	+ 0.26258388	14	+ 0.41624371
14	+ 0.38841072	k	b(19, 1,k)	5	- 0.16804413	16	+ 0.35011184	16	+ 0.35011184	16	+ 0.21192317
16	- 0.12838952	1	+ 0.01480571	7	- 0.32361535	18	+ 0.51134755	18	+ 0.51134755	18	+ 0.63291852
18	+ 0.01664309	3	+ 0.04480217	9	- 0.23562463	20	+ 1.10791970	20	+ 1.10791970	20	+ 0.22855391
k	b(18, 13,k)	5	+ 0.07648296	11	+ 0.08988055	k	a(20, 3,k)	k	a(20, 10,k)	k	b(20, 11,k)
0	+ 0.00000000	7	+ 0.11087766	13	+ 0.41017790	0	+ 0.14089991	0	+ 0.15042027	0	+ 0.00000000
2	+ 0.35354711	9	+ 0.14996256	15	+ 0.26940679	2	+ 0.27775484	2	+ 0.08230303	2	+ 0.15833712
4	- 0.00000000	11	+ 0.19686443	17	- 0.61728942	4	+ 0.26542164	4	+ 0.16057161	4	- 0.14203771
6	- 0.38074305	13	+ 0.25758560	19	+ 0.20953861	6	+ 0.24416265	6	+ 0.23048160	6	- 0.31667424
8	+ 0.08520124	15	+ 0.34616707	k	b(19, 9,k)	8	+ 0.21275181	8	+ 0.28704365	8	- 0.16406878
10	+ 0.41269351	17	+ 0.50856643	1	+ 0.14136023	10	+ 0.16903568	10	+ 0.32399837	10	+ 0.20761638
12	- 0.48686424	19	+ 1.10687989	3	+ 0.30766639	12	+ 0.10916888	12	+ 0.33265217	12	+ 0.37126343
14	+ 0.25360682	k	a(19, 2,k)	5	+ 0.20880662	14	+ 0.02568680	14	+ 0.29919759	14	- 0.03331528
16	- 0.06694383	1	+ 0.28785586	7	- 0.09651443	16	- 0.09846605	16	+ 0.19694019	16	- 0.55340376
18	+ 0.00732198	3	+ 0.27861984	9	- 0.34319544	18	- 0.31680380	18	- 0.04671017	18	+ 0.41088841
k	a(18, 14,k)	5	+ 0.25963470	11	- 0.23246250	20	- 1.02961235	20	- 0.91084835	20	- 0.08902582
0	+ 0.18275231	7	+ 0.22974668	13	+ 0.24298639	k	a(20, 4,k)	k	b(20, 3,k)	k	b(20, 11,k)
2	- 0.05375068	9	+ 0.18683185	15	+ 0.47919627	0	+ 0.14193216	0	+ 0.00000000	0	+ 0.00000000
4	- 0.36120457	11	+ 0.12703042	17	- 0.50759309	2	+ 0.26349127	2	+ 0.27775484	2	+ 0.15833712
6	+ 0.21070266	13	+ 0.04280373	19	+ 0.13133527	4	+ 0.20377031	4	+ 0.20377031	4	+ 0.23778402
8	+ 0.27995459	15	- 0.08308959	k	a(19, 10,k)	6	+ 0.10902494	6	+ 0.10902494	6	- 0.09839339
10	- 0.50412875	17	- 0.30466184	1	+ 0.26747534	8	- 0.01306290	8	- 0.01306290	8	- 0.33806959
12	+ 0.36024232	19	- 1.02477164	3	- 0.01573384	10	- 0.15053213	10	- 0.15053213	10	- 0.12087020
14	- 0.14260093	k	b(19, 3,k)	5	- 0.29579626	12	- 0.28528102	12	- 0.28528102	12	+ 0.34302940
16	+ 0.03092731	1	+ 0.04465402	7	- 0.25416209	14	- 0.38887468	14	- 0.38887468	14	+ 0.25544438
18	- 0.00289427	3	+ 0.13157413	9	+ 0.11992930	16	- 0.41118716	16	- 0.41118716	16	- 0.55419866
		5	+ 0.21114478	11	+ 0.39294266	18	- 0.23587481	18	- 0.23587481	18	+ 0.28782169
				13	+ 0.05173097	20	+ 0.76659312	20	+ 0.76659312	20	- 0.05056327
				15	- 0.56653940						

k	a(20, 12, k)	k	b(20, 19, k)	k	a(21, 4, k)	k	b(21, 11, k)	k	a(21, 18, k)	k	b(22, 3, k)
0	+ 0.15605977	0	+ 0.00000000	21	+ 0.78066842	17	- 0.56223838	13	- 0.20669929	0	+ 0.00000000
2	+ 0.09856406	2	+ 0.32481859	k	b(21, 5, k)	19	+ 0.31986354	15	+ 0.07450699	2	+ 0.07157765
4	- 0.25945540	4	- 0.48722789	1	+ 0.06478638	21	- 0.05934120	17	- 0.01773129	4	+ 0.14025743
6	- 0.25897225	6	+ 0.44974882	3	+ 0.18242482	k	a(21, 12, k)	19	+ 0.00253477	6	+ 0.20297098
8	+ 0.14851508	8	- 0.29983255	5	+ 0.26523228	1	+ 0.25039105	21	- 0.00016575	8	+ 0.25626812
10	+ 0.35784715	10	+ 0.14991627	7	+ 0.29333004	k	b(21, 19, k)	10	+ 0.29600200	10	+ 0.29600200
12	- 0.09993413	12	- 0.05621860	9	+ 0.25224939	1	+ 0.35331477	12	+ 0.31678392	12	+ 0.31678392
14	- 0.45602604	14	+ 0.01543256	11	+ 0.13607131	3	- 0.06369597	14	+ 0.31089675	14	+ 0.31089675
16	+ 0.47085525	16	- 0.00293953	13	- 0.04785382	5	- 0.30814378	16	+ 0.26574936	16	+ 0.26574936
18	- 0.18426871	18	+ 0.00034810	15	- 0.27047814	7	- 0.15038967	18	+ 0.15641132	18	+ 0.15641132
20	+ 0.02681522	20	- 0.00001934	17	- 0.46189344	9	+ 0.24492486	20	- 0.08636854	20	- 0.08636854
k	b(20, 13, k)	k	a(20, 20, k)	19	- 0.44649700	11	+ 0.30288133	22	- 0.92846181	k	a(22, 4, k)
0	+ 0.00000000	0	+ 0.28247081	21	+ 0.63125437	13	- 0.19283211	0	+ 0.13525810	0	+ 0.13525810
2	+ 0.31544234	2	- 0.51358329	k	a(21, 6, k)	15	- 0.40428239	2	+ 0.25441404	2	+ 0.25441404
4	+ 0.12061030	4	+ 0.38518746	1	+ 0.26931195	17	- 0.50120945	4	+ 0.20702025	4	+ 0.20702025
6	- 0.29403222	6	- 0.23703844	3	+ 0.18662845	19	- 0.21272903	6	+ 0.13114187	6	+ 0.13114187
8	- 0.20685463	8	- 0.11851922	5	+ 0.04146468	21	+ 0.03266625	8	+ 0.03170763	8	+ 0.03170763
10	+ 0.31423459	10	- 0.04740769	7	- 0.12788950	k	b(21, 13, k)	10	- 0.08377300	10	- 0.08377300
12	+ 0.21067003	12	+ 0.01481490	9	- 0.26957277	1	+ 0.18608074	12	- 0.20434042	12	- 0.20434042
14	- 0.51905800	14	- 0.00348586	11	- 0.32577510	3	+ 0.28891484	14	- 0.31385978	14	- 0.31385978
16	+ 0.34849077	16	+ 0.00058098	13	- 0.24505206	5	- 0.04331839	16	- 0.38716877	16	- 0.38716877
18	- 0.10765444	18	- 0.00006116	15	- 0.00320330	7	- 0.32997314	18	- 0.37951543	18	- 0.37951543
20	+ 0.01320290	20	+ 0.00000306	17	+ 0.35556574	9	- 0.07892930	20	- 0.18458046	20	- 0.18458046
k	a(20, 14, k)	k	a(21, 0, k)	19	+ 0.60446176	11	+ 0.36131016	k	a(21, 20, k)	k	b(22, 5, k)
0	+ 0.16436314	1	+ 0.27481670	21	- 0.48593984	13	+ 0.10303778	1	+ 0.16838954	0	+ 0.00000000
2	+ 0.02201994	3	+ 0.27722737	k	b(21, 7, k)	15	- 0.50994346	3	- 0.42097385	2	+ 0.11832619
4	- 0.33580413	5	+ 0.28224506	1	+ 0.09198754	17	+ 0.39030527	5	- 0.08519000	4	+ 0.21653213
6	- 0.04403989	7	+ 0.29030920	3	+ 0.23965175	19	- 0.12994410	7	- 0.38859125	6	+ 0.27601929
8	+ 0.37095134	9	+ 0.30221932	5	+ 0.28922732	21	+ 0.01680665	9	+ 0.23315475	8	+ 0.28138131
10	- 0.03048915	11	+ 0.31939088	7	+ 0.21012580	k	a(21, 14, k)	11	- 0.10686259	10	+ 0.22242787
12	- 0.43298830	13	+ 0.34444114	9	- 0.01905910	1	+ 0.23951741	13	+ 0.03714475	12	- 0.09692288
14	+ 0.46178539	15	+ 0.38271238	11	- 0.21171484	3	- 0.17018343	15	- 0.00952430	14	- 0.08519000
16	- 0.22694988	17	+ 0.44716920	13	- 0.35942286	5	- 0.29624522	17	+ 0.00170435	16	- 0.29406695
18	+ 0.05714225	19	+ 0.58131996	15	- 0.27900405	7	+ 0.34094868	19	- 0.00019049	18	- 0.46205270
20	- 0.00599072	21	+ 1.13495802	17	+ 0.12144882	9	- 0.15840150	21	+ 0.00001003	20	- 0.42198608
k	b(20, 15, k)	k	b(21, 1, k)	19	+ 0.66796851	11	- 0.36168613	k	b(21, 21, k)	k	a(22, 6, k)
0	+ 0.00000000	1	+ 0.01278563	21	- 0.35567154	13	+ 0.49161249	1	+ 0.54564448	0	+ 0.13667149
2	+ 0.34189209	3	+ 0.03869335	k	a(21, 8, k)	15	+ 0.26909345	3	- 0.45470373	2	+ 0.23537868
4	- 0.05698202	5	+ 0.06565614	1	+ 0.26478537	17	+ 0.07270800	5	+ 0.31479489	4	+ 0.12978566
6	- 0.34948969	7	+ 0.09454485	3	+ 0.11845661	19	- 0.00803512	7	- 0.17988279	6	- 0.01930363
8	+ 0.18935562	9	+ 0.12654464	5	- 0.10136758	k	b(21, 15, k)	9	+ 0.08394530	8	- 0.17431449
10	+ 0.29244924	11	+ 0.16345349	7	- 0.27607296	1	+ 0.22632268	11	- 0.03147949	10	- 0.28854769
12	- 0.49282138	13	+ 0.20832308	9	- 0.29120716	3	- 0.23227854	13	+ 0.00925867	12	- 0.31309457
14	+ 0.33967469	15	+ 0.26708087	11	- 0.10018523	5	- 0.24299909	15	- 0.00205748	14	- 0.20780853
16	- 0.13015620	17	+ 0.35367130	13	+ 0.21454299	7	- 0.24299909	17	+ 0.00032487	16	+ 0.04009865
18	+ 0.02734793	19	+ 0.51386359	15	+ 0.41214410	9	+ 0.30340068	19	- 0.00003249	18	+ 0.37893221
20	- 0.00248039	21	+ 1.10886354	17	+ 0.15671250	11	+ 0.16133051	21	+ 0.00000155	20	+ 0.58715876
k	a(20, 16, k)	k	a(21, 2, k)	19	- 0.64493220	13	- 0.48377484	k	a(22, 0, k)	k	b(22, 7, k)
0	+ 0.17753249	1	+ 0.27422121	21	+ 0.24712355	15	+ 0.39153267	0	+ 0.13417814	0	+ 0.00000000
2	- 0.07814827	3	+ 0.26700486	k	b(21, 9, k)	17	- 0.16492612	2	+ 0.26942118	2	+ 0.16355523
4	- 0.32873240	5	+ 0.25224564	1	+ 0.12067136	19	+ 0.03707348	4	+ 0.27269350	4	+ 0.26751543
6	+ 0.26502457	7	+ 0.22922516	3	+ 0.28050798	21	- 0.00354315	6	+ 0.27842236	6	+ 0.26881194
8	+ 0.17485349	9	+ 0.19667247	5	+ 0.24377108	k	a(21, 16, k)	8	+ 0.27084339	8	+ 0.15551908
10	- 0.46888963	11	+ 0.15242117	7	+ 0.01867978	1	+ 0.22480880	10	+ 0.29950631	10	- 0.04262407
12	+ 0.41390487	13	+ 0.09264816	9	- 0.24597913	3	- 0.27805299	12	+ 0.31712433	12	- 0.25067302
14	- 0.21011476	15	+ 0.00996217	11	- 0.32762173	5	- 0.15973257	14	+ 0.34257258	14	- 0.35640809
16	+ 0.06530677	17	- 0.11252006	13	- 0.08426256	7	+ 0.35496427	16	+ 0.38120858	16	- 0.23827622
18	- 0.01166151	19	- 0.32786019	15	+ 0.34142214	9	- 0.00327656	18	+ 0.44601404	18	+ 0.03090270
20	+ 0.00092439	21	- 1.03402059	17	+ 0.39372020	11	- 0.40697674	20	+ 0.58052621	20	+ 0.17166461
k	b(20, 17, k)	k	b(21, 3, k)	19	- 0.55944893	13	+ 0.45883964	k	b(22, 1, k)	k	a(22, 8, k)
0	+ 0.00000000	1	+ 0.03852475	21	+ 0.16267664	15	- 0.26456125	0	+ 0.00000000	0	+ 0.13878121
2	+ 0.35135110	3	+ 0.11388458	k	a(21, 10, k)	17	+ 0.08965047	2	+ 0.02395446	2	+ 0.20817182
4	- 0.27901411	5	+ 0.18406832	1	+ 0.25860276	19	- 0.01708686	4	+ 0.04849082	4	+ 0.03090270
6	- 0.12400627	7	+ 0.24524093	3	+ 0.03402668	21	+ 0.00142681	6	+ 0.07426430	6	- 0.17166461
8	+ 0.43879142	9	+ 0.29287903	5	- 0.23018048	k	b(21, 17, k)	8	+ 0.10209966	8	- 0.29430512
10	- 0.44833037	11	+ 0.32119988	7	- 0.29623226	1	+ 0.27725886	10	+ 0.13314679	10	- 0.25281547
12	+ 0.27305227	13	+ 0.32203962	9	- 0.06860764	3	+ 0.13862943	12	+ 0.16917475	12	- 0.03432348
14	- 0.10899646	15	+ 0.28224536	11	+ 0.27112027	5	- 0.36696026	14	+ 0.21320892	14	+ 0.25941833
16	+ 0.02824276	17	+ 0.17606512	13	+ 0.33326130	7	+ 0.09785607	16	+ 0.27114861	16	+ 0.40015598
18	- 0.00434864	19	- 0.06731902	15	- 0.10905987	9	+ 0.32367776	18	+ 0.35689936	18	+ 0.10425116
20	+ 0.00030394	21	- 0.92002656	17	- 0.53359786	11	- 0.47516648	20	+ 0.51615076	20	- 0.65378868
k	a(20, 18, k)	k	a(21, 4, k)	19	+ 0.44187979	13	+ 0.34255159	k	a(22, 2, k)	k	b(22, 9, k)
0	+ 0.20228155	1	+ 0.27241115	21	- 0.10121269	15	- 0.15257724	0	+ 0.13444410	0	+ 0.00000000
2	- 0.22067078	3	+ 0.23656758	k	b(21, 11, k)	17	+ 0.04285912	2	+ 0.26568715	2	+ 0.20651305
4	- 0.16550308	5	+ 0.16715107	1	+ 0.15161931	19	- 0.00703120	4	+ 0.25595441	4	+ 0.28426898
6	+ 0.44134156	7	+ 0.06889751	3	+ 0.29924863	21	+ 0.00051756	6	+ 0.23927830	6	+ 0.17484017
8	- 0.45831623	9	- 0.05053682	5	+ 0.12791412	k	a(21, 18, k)	8	+ 0.21488735	8	- 0.06767372
10	+ 0.30554415	11	- 0.17967922	7	- 0.20184614	1	+ 0.20370365	10	+ 0.18148339	10	- 0.28611328
12	- 0.14216291	13	- 0.30144466	9	- 0.31869302	3	- 0.37345669	12	+ 0.13689750	12	+ 0.20651305
14	+ 0.04643073	15	- 0.38912685	11	- 0.01888389	5	+ 0.11752134	14	+ 0.07733337	14	+ 0.28426898
16	- 0.01023473	17	- 0.39546055	13	+ 0.37521175	7	- 0.28205121	16	- 0.07733337	16	+ 0.17484017
18	+ 0.00137514	19	- 0.20944763	15	+ 0.17660033	9	- 0.47008535	18	- 1.03805187	18	- 0.06767372
20	- 0.00008540					11	+ 0.38782041	20		20	

k	b(22, 9, k)	k	a(22, 16, k)	k	a(22, 22, k)	k	b(23, 5, k)	k	a(23, 12, k)	k	a(23, 18, k)
12	- 0.29479381	0	+ 0.15992163	12	+ 0.02059925	21	- 0.13426273	3	- 0.01160682	15	- 0.33149862
14	- 0.01424897	2	- 0.00380766	14	- 0.00572201	23	+ 0.66377129	5	- 0.26311696	17	+ 0.14523354
16	+ 0.37203060	4	- 0.32745858	16	+ 0.00120463			7	- 0.23431808	19	- 0.04001808
18	+ 0.34847540	6	+ 0.03426892	18	- 0.00018069	k	a(23, 6, k)	9	+ 0.07622974	21	+ 0.00642868
20	- 0.58028686	8	+ 0.34725840	20	+ 0.00001721	1	+ 0.258444184	11	+ 0.32606754	23	- 0.00046286
22	+ 0.17823096	10	- 0.15508884	22	- 0.00000078	3	+ 0.19217470	13	+ 0.14655853		
k	a(22, 10, k)	12	- 0.31505699			5	+ 0.07309315	15	- 0.31901242	k	b(23, 19, k)
0	+ 0.14175189	14	+ 0.48127246	k	a(23, 0, k)	7	- 0.07305798	17	- 0.28253438	1	+ 0.27655560
2	+ 0.17212730	16	- 0.31640649			9	- 0.21068876	19	+ 0.54123140	3	+ 0.10636754
4	- 0.07993528	18	+ 0.11670177	1	+ 0.26282763	11	- 0.29840016	21	- 0.26890481	5	- 0.35749090
6	- 0.27820612	20	- 0.02368292	3	+ 0.26475311	13	- 0.29523513	23	+ 0.04566308	7	+ 0.16075094
8	- 0.24751724	22	+ 0.00207830	5	+ 0.26873436	15	- 0.17049176			9	+ 0.24208612
10	+ 0.02233003	k	b(22, 17, k)	7	+ 0.27505752	17	+ 0.07959358	k	b(23, 13, k)	11	- 0.45533869
12	+ 0.31182475	0	+ 0.00000000	9	+ 0.28422611	19	+ 0.39808655	1	+ 0.15923122	13	+ 0.38677608
14	+ 0.28453248	2	+ 0.33006048	11	+ 0.29708702	21	+ 0.56942862	3	+ 0.28521635	15	- 0.20757876
16	- 0.17496810	4	- 0.10155707	13	+ 0.31502229	23	- 0.52294465	5	+ 0.05519086	17	+ 0.07457167
18	- 0.50859213	6	- 0.30915167	15	+ 0.34088932	k	b(23, 7, k)	7	- 0.26108762	19	- 0.01758200
20	+ 0.47025280	8	+ 0.25807444	17	+ 0.37984810	1	+ 0.08010798	9	- 0.23951780	21	+ 0.00248073
22	- 0.11360039	10	+ 0.17608204	19	+ 0.44496491	11	+ 0.08010798	11	+ 0.14884101	23	- 0.00015970
k	b(22, 11, k)	12	- 0.46143456	21	+ 0.57980277	13	+ 0.21391471	13	+ 0.34934760		
0	+ 0.00000000	14	+ 0.40003470	23	+ 1.13439672	5	+ 0.27504644	15	- 0.09085362	k	a(23, 20, k)
2	+ 0.24626268	16	- 0.19893423			7	+ 0.23622726	17	- 0.45449940	1	+ 0.19089435
4	+ 0.25922387	18	+ 0.06045290	k	b(23, 1, k)	9	+ 0.09952049	19	- 0.17668852	3	- 0.36710452
6	+ 0.01143635	20	- 0.01054041	1	+ 0.01118669	11	- 0.09711863	21	+ 0.02524122	5	+ 0.15733051
8	- 0.26837295	22	+ 0.00031518	3	+ 0.03305092	13	- 0.27944311	23		7	+ 0.22026271
10	- 0.27080684	k	a(22, 18, k)	5	+ 0.05719047	15	- 0.34647003	k	a(23, 14, k)	9	- 0.44367204
12	+ 0.07392839	0	+ 0.17298169	7	+ 0.08195058	17	- 0.19746187	1	+ 0.23560566	11	+ 0.41331651
14	+ 0.38574791	2	- 0.09747381	9	+ 0.10887720	19	+ 0.20445825	3	- 0.10097386	13	- 0.25265429
16	+ 0.09995030	4	- 0.29675126	11	+ 0.13909349	21	+ 0.65609738	5	- 0.30089703	15	+ 0.10854019
18	- 0.56291088	6	+ 0.29939139	13	+ 0.17434584	23	- 0.39365843	7	- 0.05238493	17	- 0.03284619
20	+ 0.35048362	8	+ 0.08363950	15	+ 0.21763819	k	a(23, 8, k)	9	+ 0.30299749	19	+ 0.00672511
22	- 0.06850362	10	- 0.41677183	17	+ 0.27484595	1	+ 0.25486992	11	+ 0.16709622	21	- 0.00084104
k	a(22, 12, k)	12	- 0.44229418	19	+ 0.35984032	3	+ 0.13723765	13	- 0.32058417	23	+ 0.00004871
0	+ 0.14586150	14	- 0.27145255	21	+ 0.51823893	5	- 0.04938197	15	- 0.18833303	k	b(23, 21, k)
2	+ 0.12618177	16	+ 0.10789082	23	+ 1.11051201	7	- 0.22257870	17	+ 0.51106942	1	+ 0.34891964
4	- 0.18948590	18	- 0.02765571	k	a(23, 2, k)	9	- 0.29407634	19	- 0.34807622	3	- 0.07029516
6	- 0.29336805	20	+ 0.00419577	1	+ 0.26235106	11	- 0.20664554	21	+ 0.10760273	5	- 0.27113849
8	- 0.03265738	22	- 0.00028821	3	+ 0.25658511	13	+ 0.02685876	23	- 0.01312228	7	+ 0.45189749
10	+ 0.30303919	k	b(22, 19, k)	5	+ 0.24483643	15	+ 0.29382776	k	b(23, 15, k)	9	- 0.41875834
12	+ 0.22911912	0	+ 0.00000000	7	+ 0.22663579	17	+ 0.38216325	1	+ 0.19110143	11	+ 0.27167014
14	- 0.26572188	2	+ 0.33404512	9	+ 0.20117670	19	+ 0.05480864	3	+ 0.26390197	13	- 0.13025280
16	- 0.34542652	4	- 0.29753006	11	+ 0.16714542	21	- 0.65989598	5	- 0.10530079	15	+ 0.04646445
18	+ 0.52453045	6	- 0.06085842	13	- 0.12237724	23	+ 0.28281256	7	- 0.31122232	17	- 0.01207858
20	- 0.24103692	8	+ 0.38949390	15	+ 0.06310484	k	b(23, 9, k)	9	+ 0.04578634	19	+ 0.00217321
22	+ 0.03896461	10	- 0.45643817	17	- 0.01792389	1	+ 0.10469850	11	+ 0.35359570	21	- 0.00024279
k	b(22, 13, k)	12	+ 0.31932772	19	- 0.13728523	3	+ 0.25503481	13	- 0.08734830	23	+ 0.00001272
0	+ 0.00000000	14	- 0.15174829	21	- 0.34725086	5	+ 0.25705329	15	- 0.40001614	k	a(23, 22, k)
2	+ 0.28154479	16	+ 0.04990935	23	- 1.04175260	7	+ 0.09790216	17	- 0.46686729	1	+ 0.15762582
4	+ 0.18693662	18	- 0.01098466	k	b(23, 3, k)	9	- 0.14044279	19	- 0.23715872	3	- 0.40012709
6	- 0.17635223	20	+ 0.00146546	1	+ 0.03368277	11	- 0.30622878	21	- 0.06059744	5	+ 0.47634178
8	- 0.30535153	22	- 0.00009002	3	+ 0.25658511	13	+ 0.25218816	23	- 0.00638615	7	+ 0.40012709
10	+ 0.04402480	k	a(22, 20, k)	5	+ 0.24483643	15	+ 0.05014304	k	a(23, 16, k)	9	+ 0.25224566
12	+ 0.37034742	0	+ 0.19734985	7	+ 0.21803785	17	+ 0.39234580	1	+ 0.22503495	11	- 0.12945288
14	+ 0.00105819	2	- 0.23024149	9	+ 0.26424751	19	+ 0.30290106	3	- 0.19536001	13	+ 0.05099659
16	- 0.48752201	4	- 0.12650631	11	+ 0.29697166	21	- 0.59809700	5	- 0.25541643	15	- 0.01548479
18	+ 0.42745325	6	+ 0.40662744	13	+ 0.31115213	23	+ 0.19362852	7	+ 0.19182728	17	+ 0.00350989
20	- 0.15305763	8	- 0.45976009	15	+ 0.29945309	k	a(23, 10, k)	9	+ 0.27057185	19	- 0.00056040
22	+ 0.02082746	10	- 0.45643817	17	+ 0.24977043	1	+ 0.25004544	11	- 0.26545978	21	+ 0.00005631
k	a(22, 14, k)	12	+ 0.31932772	19	+ 0.13789594	3	+ 0.06869380	13	- 0.20706997	23	- 0.00000268
0	+ 0.15160104	14	- 0.15174829	21	- 0.10402675	5	- 0.16992678	15	+ 0.48221391	k	b(23, 23, k)
2	+ 0.06858142	16	+ 0.06883432	23	- 0.93624081	7	- 0.29064072	17	- 0.36358307	1	+ 0.53453518
4	- 0.28002498	18	- 0.01919136	k	a(23, 4, k)	9	- 0.13213853	19	+ 0.14577917	3	- 0.45229899
6	- 0.18734371	20	- 0.00367769	1	+ 0.26090559	11	- 0.10280251	21	- 0.03143026	5	+ 0.32307071
8	+ 0.23748116	22	+ 0.0002406	3	+ 0.23223465	13	+ 0.33243122	23	+ 0.00289235	7	- 0.19384243
10	+ 0.26604711	k	b(22, 21, k)	5	+ 0.17640176	15	+ 0.22951103	k	b(23, 17, k)	9	+ 0.09692121
12	- 0.25566177	0	+ 0.00000000	7	+ 0.09653143	17	- 0.23108482	1	+ 0.22862298	11	- 0.03990873
14	- 0.27782392	2	+ 0.30502454	9	- 0.00239398	19	- 0.47963871	3	+ 0.20852425	13	+ 0.01330291
16	+ 0.50768700	4	- 0.46926852	11	- 0.11308032	21	+ 0.49606335	5	- 0.26379574	15	- 0.00350077
18	- 0.30973614	6	+ 0.45250893	13	- 0.22508101	23	- 0.12611780	7	- 0.16803124	17	+ 0.00070015
20	+ 0.08960652	8	- 0.32178413	15	- 0.32313782	k	b(23, 11, k)	9	+ 0.33938763	19	- 0.00010002
22	- 0.01041373	10	- 0.32178413	17	- 0.38346906	1	+ 0.13082794	11	+ 0.02424104	21	+ 0.00000909
k	b(22, 15, k)	12	+ 0.17597569	19	- 0.36354147	3	+ 0.28034558	13	- 0.41394937	23	- 0.00000040
0	+ 0.00000000	14	- 0.07453088	21	- 0.16115756	5	+ 0.18197871	15	+ 0.44227783		
2	+ 0.31050511	16	+ 0.02415353	23	+ 0.80578779	7	- 0.09344853	17	- 0.24593644	k	a(24, 0, k)
4	+ 0.06536950	18	- 0.00581137	k	b(23, 5, k)	9	- 0.29952712	19	+ 0.08071082	0	+ 0.12858986
6	- 0.31517436	20	+ 0.00098067	1	+ 0.05655846	11	- 0.20550442	21	- 0.01492283	2	+ 0.25803986
8	- 0.09861456	22	+ 0.00010377	3	+ 0.16097408	13	+ 0.15328500	23	+ 0.00120996	4	+ 0.26067292
10	+ 0.35533350	k	a(22, 22, k)	5	+ 0.23987460	15	+ 0.37876674	k	a(23, 18, k)	6	+ 0.26524613
12	+ 0.03082719	0	+ 0.27590507	7	+ 0.27826347	17	+ 0.02741034	1	+ 0.21093007	8	+ 0.27207232
14	- 0.45104213	2	- 0.50582597	9	+ 0.26435866	19	- 0.55725709	3	- 0.28819384	10	+ 0.28167487
16	- 0.43421910	4	- 0.38909690	11	+ 0.19133782	21	+ 0.37952484	5	- 0.10430608	12	+ 0.29491599
18	+ 0.20089584	6	- 0.25013372	13	+ 0.05976191	23	- 0.07798456	7	+ 0.35464067	14	+ 0.31326005
20	+ 0.04819764	8	+ 0.13340465	15	- 0.11859782	k	a(23, 12, k)	9	- 0.10082921	16	+ 0.33936505
22	- 0.00484229	10	- 0.05836453	17	- 0.31362535	1	+ 0.24374317	11	- 0.31721320	18	+ 0.37861155
				19	- 0.46000895	13		13	+ 0.46528693	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)	k	b(25, 5,k)
22	+ 0.57914069	22	+ 0.55146658	22	- 0.29610543	22	+ 0.00928876	22	- 0.00000479	19	- 0.34272680
24	+ 1.13415051	24	- 0.53997769	24	+ 0.05271574	24	- 0.00069963	24	+ 0.00000020	21	- 0.45095631
k	b(24, 1,k)	k	b(24, 7,k)	k	b(24, 13,k)	k	b(24, 19,k)	k	a(25, 0,k)	k	a(25, 6,k)
0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	k	a(25, 0,k)	k	a(25, 6,k)
2	+ 0.02106887	2	+ 0.14443979	2	+ 0.25230809	2	+ 0.31849854	1	+ 0.25228442	1	+ 0.24872202
4	+ 0.04256771	4	+ 0.24466331	4	+ 0.22141322	4	- 0.13649937	3	+ 0.25385141	3	+ 0.19465202
6	+ 0.06497177	6	+ 0.26669387	6	- 0.07181702	6	- 0.26581457	5	+ 0.25707492	5	+ 0.09578115
8	+ 0.08885845	8	+ 0.19605509	8	- 0.29573706	8	+ 0.29993941	7	+ 0.26214877	7	- 0.05002308
10	+ 0.11499328	10	+ 0.04495897	10	- 0.15105486	10	+ 0.07205308	9	+ 0.26940548	9	- 0.15769677
12	+ 0.14447874	12	- 0.14395315	12	+ 0.22907562	12	- 0.40675123	11	+ 0.27938346	11	- 0.25725348
14	+ 0.17904303	14	- 0.29928313	14	+ 0.30640845	14	+ 0.43321925	13	+ 0.29295674	13	- 0.29720545
16	+ 0.22167232	16	- 0.33123911	16	- 0.17017684	16	- 0.26369416	15	+ 0.31159945	15	- 0.24967444
18	+ 0.27822139	18	- 0.15731027	18	- 0.41340618	18	+ 0.10339210	17	+ 0.33797824	17	- 0.09835451
20	+ 0.36253090	20	+ 0.23929078	20	+ 0.48672895	20	- 0.02606396	19	+ 0.37748219	19	+ 0.14778446
22	+ 0.52015303	22	+ 0.64783601	22	- 0.20056810	22	+ 0.00388124	21	+ 0.44313126	21	+ 0.42596699
24	+ 1.11123602	24	- 0.41146341	24	+ 0.03002134	24	- 0.00026134	23	+ 0.57853248	23	+ 0.53342465
k	a(24, 2,k)	k	a(24, 8,k)	k	a(24, 14,k)	k	a(24, 20,k)	k	b(25, 1,k)	k	b(25, 7,k)
0	+ 0.12880472	0	+ 0.13226062	0	+ 0.14191911	0	+ 0.16895992	k	b(25, 1,k)	k	b(25, 7,k)
2	+ 0.25502472	2	+ 0.20878599	2	+ 0.09872634	2	- 0.11301667	1	+ 0.00989541	1	+ 0.07060907
4	+ 0.24718268	4	+ 0.06243358	4	- 0.22112685	4	- 0.26639644	3	+ 0.02987061	3	+ 0.19209175
6	+ 0.23380660	6	- 0.11768325	6	- 0.25185290	6	+ 0.31967572	5	+ 0.05041654	5	+ 0.25850312
8	+ 0.21438783	8	- 0.25520454	8	+ 0.07650032	8	- 0.00665991	7	+ 0.07197624	7	+ 0.24655881
10	+ 0.18809700	10	- 0.27956795	10	+ 0.31875688	10	- 0.35665782	9	+ 0.09510257	9	+ 0.15184467
12	+ 0.15361255	12	- 0.15651828	12	+ 0.06081051	12	+ 0.44973986	11	+ 0.12054153	11	- 0.00633009
14	+ 0.10877827	14	+ 0.08208685	14	- 0.35504097	14	- 0.32214999	13	+ 0.14937922	13	- 0.18317723
16	+ 0.04985671	16	+ 0.31890571	16	- 0.09866903	16	- 0.15405082	15	+ 0.18332904	15	- 0.31144267
18	- 0.03033952	18	+ 0.35970543	18	+ 0.50319118	18	- 0.05053010	17	+ 0.22536215	17	- 0.31205440
20	- 0.14824991	20	+ 0.00850789	20	- 0.38353142	20	+ 0.01103125	19	+ 0.28131532	19	- 0.11834129
22	- 0.35579978	22	- 0.66361497	22	+ 0.12646914	22	- 0.00145457	21	+ 0.36500180	21	+ 0.27017539
24	- 1.04516186	24	+ 0.29990292	24	- 0.01615231	24	+ 0.00008810	23	+ 0.52191395	23	+ 0.63841031
k	b(24, 3,k)	k	b(24, 9,k)	k	b(24, 15,k)	k	b(24, 21,k)	k	a(25, 2,k)	k	a(25, 8,k)
0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	k	a(25, 2,k)	k	a(25, 8,k)
2	+ 0.06299485	2	+ 0.18295691	2	+ 0.28120513	2	+ 0.31841832	1	+ 0.25189600	1	+ 0.24584177
4	+ 0.12384702	4	+ 0.27007925	4	+ 0.13964609	4	- 0.30975388	3	+ 0.24720228	3	+ 0.14964282
6	+ 0.18030857	6	+ 0.20924646	6	- 0.22738719	6	- 0.00794241	5	+ 0.23766585	5	- 0.00916180
8	+ 0.22990016	8	+ 0.02130182	8	- 0.24418936	8	+ 0.33953791	7	+ 0.22296809	7	- 0.17200485
10	+ 0.26973409	10	- 0.19769758	10	+ 0.16643428	10	- 0.45201641	9	+ 0.20257324	9	- 0.27168905
12	+ 0.29623157	12	- 0.30959593	12	+ 0.31105856	12	+ 0.35483872	11	+ 0.17563727	11	- 0.25455345
14	+ 0.30461520	14	- 0.20375748	14	- 0.18617247	14	- 0.19338409	13	+ 0.14083608	13	- 0.10527529
16	+ 0.28787810	16	+ 0.10789444	16	- 0.33606149	16	+ 0.07590777	15	+ 0.09602460	15	+ 0.13075984
18	+ 0.23434215	18	+ 0.40387413	18	+ 0.48929354	18	- 0.02128221	17	+ 0.03749532	17	+ 0.33582058
20	+ 0.12043880	20	+ 0.25769966	20	- 0.27293629	20	+ 0.00407403	19	- 0.04187789	19	+ 0.33402876
22	- 0.12043880	22	- 0.61314747	22	+ 0.07413342	22	- 0.00047950	21	- 0.15840766	21	- 0.03463052
24	- 0.94343723	24	+ 0.20882559	24	- 0.00817904	24	+ 0.00002627	23	- 0.36370036	23	- 0.66526326
k	a(24, 4,k)	k	a(24, 10,k)	k	a(24, 16,k)	k	a(24, 22,k)	k	b(25, 3,k)	k	b(25, 9,k)
0	+ 0.12946022	0	+ 0.13457439	0	+ 0.14771409	0	+ 0.19296583	k	b(25, 3,k)	k	b(25, 9,k)
2	+ 0.24593111	2	+ 0.18003263	2	+ 0.04347438	2	- 0.23749640	1	+ 0.02977828	1	+ 0.09203103
4	+ 0.20758169	4	- 0.03214868	4	- 0.28903608	4	- 0.09330216	3	+ 0.08841004	3	+ 0.23207824
6	+ 0.14576686	6	- 0.23092907	6	- 0.11832452	6	+ 0.37320863	5	+ 0.14422633	5	+ 0.25824579
8	+ 0.06378411	8	- 0.27476126	8	+ 0.28554260	8	- 0.45484802	7	+ 0.19520586	7	+ 0.14978567
10	- 0.03341868	10	- 0.10937480	10	+ 0.15633555	10	+ 0.36223191	9	+ 0.23908253	9	- 0.04948196
12	- 0.13879892	12	+ 0.16976296	12	- 0.33016783	12	- 0.21130195	11	+ 0.27317902	11	- 0.23935371
14	- 0.24240748	14	+ 0.33615380	14	- 0.09479814	14	+ 0.09301330	13	+ 0.29413510	13	- 0.29954600
16	- 0.32979013	16	+ 0.17159999	16	+ 0.46408588	16	- 0.03083593	15	+ 0.29741448	15	- 0.15255711
18	- 0.37840179	18	- 0.27782036	18	- 0.40463123	18	+ 0.00751039	17	+ 0.27629672	17	+ 0.15857802
20	- 0.34767686	20	- 0.44778859	20	+ 0.17620806	20	- 0.00127362	19	+ 0.03418778	19	+ 0.40799501
22	- 0.13907074	22	+ 0.51940329	22	- 0.04028242	22	+ 0.00013473	21	- 0.15840766	21	- 0.03463052
24	+ 0.81704061	24	- 0.13870429	24	+ 0.00387966	24	- 0.00000671	23	- 0.36370036	23	- 0.66526326
k	b(24, 5,k)	k	b(24, 11,k)	k	b(24, 17,k)	k	b(24, 23,k)	k	a(25, 4,k)	k	a(25, 10,k)
0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	0	+ 0.00000000	k	a(25, 4,k)	k	a(25, 10,k)
2	+ 0.10427474	2	+ 0.21918557	2	+ 0.30420516	2	+ 0.28782663	1	+ 0.25071982	1	+ 0.24198351
4	+ 0.19365310	4	+ 0.26391731	4	+ 0.01862481	4	- 0.45229899	3	+ 0.22736083	3	+ 0.09318620
6	+ 0.25417949	6	+ 0.08828634	6	- 0.31662170	6	- 0.45229899	5	+ 0.18168103	5	- 0.11843665
8	+ 0.27385610	8	- 0.17686698	8	- 0.00356063	8	- 0.33922425	7	+ 0.11581824	7	- 0.26336175
10	+ 0.24383525	10	- 0.30051287	10	+ 0.34700784	10	+ 0.19954367	9	+ 0.03314692	9	- 0.23838305
12	+ 0.15994808	12	- 0.13179247	12	- 0.11165217	12	- 0.09312038	11	- 0.06147452	11	- 0.03609224
14	+ 0.02487696	14	+ 0.21733045	14	- 0.34160458	14	+ 0.03430751	13	- 0.16127116	13	+ 0.22215751
16	- 0.14834461	16	+ 0.35814145	16	+ 0.46792210	16	- 0.00980215	15	- 0.25676749	15	+ 0.32624614
18	- 0.32968927	18	- 0.03978918	18	- 0.29170665	18	+ 0.00210046	17	- 0.33424430	17	+ 0.11333611
20	- 0.45619326	20	- 0.54625482	20	+ 0.10323805	20	- 0.00031825	19	- 0.37226649	19	- 0.31580095
22	- 0.37534889	22	+ 0.40689140	22	- 0.02020033	22	+ 0.00003044	21	- 0.33202147	21	- 0.41391387
24	+ 0.67851530	24	- 0.08772429	24	+ 0.00171375	24	- 0.00000138	23	- 0.11821977	23	+ 0.54038755
k	a(24, 6,k)	k	a(24, 12,k)	k	a(24, 18,k)	k	a(24, 24,k)	k	b(25, 5,k)	k	b(25, 11,k)
0	+ 0.13059089	0	+ 0.13770114	0	+ 0.15602176	0	+ 0.27003727	k	b(25, 5,k)	k	b(25, 11,k)
2	+ 0.23060867	2	+ 0.14368814	2	- 0.02504697	2	- 0.49853035	1	+ 0.04994458	1	+ 0.11454643
4	+ 0.14450478	4	- 0.13049229	4	- 0.31398169	4	+ 0.39170242	3	+ 0.14331924	3	+ 0.26039748
6	+ 0.01928307	6	- 0.28526701	6	+ 0.09660975	6	- 0.26113495	5	+ 0.21752262	5	+ 0.21201762
8	- 0.11918793	8	- 0.15033430	8	+ 0.30492452	8	+ 0.14688841	7	+ 0.26104168	7	- 0.00613174
10	- 0.23797324	10	+ 0.16590819	10	- 0.23963007	10	- 0.06912396	9	+ 0.26436661	9	- 0.23504068
12	- 0.30079886	12	+ 0.31991792	12	- 0.19245652	12	+ 0.02688154	11	+ 0.22102554	11	- 0.27791547
14	- 0.27370009	14	+ 0.06267322	14	+ 0.45770822	14	- 0.00848891	13	+ 0.12894162	13	- 0.05647915
16	- 0.13383934	16	- 0.35417602	16	- 0.38308588	16	+ 0.00212223	15	- 0.00759898	15	+ 0.26582541
18	+ 0.11542324	18	- 0.21806214	18	+ 0.18506806	18	- 0.00040423	17	- 0.17471935	17	+ 0.32731307
20	+ 0.41359993	20	+ 0.55183285	20	- 0.05472032	20	+ 0.00005512				

k	b(25, 11, k)	k	b(25, 17, k)	k	b(25, 23, k)	k	b(26, 3, k)	k	b(26, 9, k)	k	a(26, 14, k)
19	- 0.10093476	19	- 0.33469698	19	+ 0.00461939	8	+ 0.20735067	0	+ 0.00000000	22	- 0.44436739
21	- 0.53079810	21	+ 0.12759606	21	- 0.00074084	10	+ 0.24602102	2	+ 0.16346228	24	+ 0.16597490
23	+ 0.43253514	23	- 0.02637298	23	+ 0.00007442	12	+ 0.27495022	4	+ 0.25395879	26	- 0.02312765
25	- 0.09766923	25	+ 0.00233685	25	- 0.00000353	14	+ 0.29096499	6	+ 0.22675456		
						16	+ 0.28973812	8	+ 0.08571007	k	b(26, 15, k)
k	a(25, 12, k)	k	a(25, 18, k)	k	a(25, 24, k)	18	+ 0.26480064	10	- 0.11121246	0	+ 0.00000000
1	+ 0.23700296	1	+ 0.21242818	1	+ 0.14834245	20	+ 0.20518345	12	- 0.26642861	2	+ 0.25508870
3	+ 0.02649723	3	- 0.21374761	3	- 0.38145202	22	+ 0.08339987	14	- 0.27918016	4	+ 0.18336811
5	- 0.21408075	5	- 0.21374761	5	+ 0.46621913	24	- 0.15001190	16	- 0.10087863	6	- 0.13540474
7	- 0.26512444	7	+ 0.24046606	7	- 0.40794174	26	- 0.95632586	18	+ 0.20216560	8	- 0.28413607
9	- 0.05750490	9	+ 0.19017251	9	+ 0.27767463			20	+ 0.40594208	10	- 0.02854253
11	+ 0.23178919	11	- 0.32015573	11	- 0.15083560	k	a(26, 4, k)	22	+ 0.17035070	12	+ 0.29882244
13	+ 0.29134642	13	- 0.06133510	13	+ 0.06567483	0	+ 0.12435967	24	- 0.63597592	14	+ 0.15662082
15	- 0.01728882	15	+ 0.42346953	15	- 0.02273360	2	+ 0.23805994	26	+ 0.23849097	16	- 0.31518511
17	- 0.37324673	17	- 0.42371054	17	+ 0.00613446	4	+ 0.20651429			18	- 0.18822213
19	- 0.15391430	19	+ 0.22593293	19	- 0.00124658	6	+ 0.15540324	k	a(26, 10, k)	20	+ 0.50507324
21	+ 0.56690890	21	- 0.07158008	21	+ 0.00017971	8	+ 0.08701016	0	+ 0.12848055	22	- 0.34059047
23	- 0.32246350	23	+ 0.01281542	23	- 0.00001640	10	+ 0.00472250	2	+ 0.18427782	24	+ 0.10402216
25	+ 0.06007875	25	- 0.00100795	25	+ 0.00000071	12	- 0.08672411	4	+ 0.00457103	26	- 0.01251210
						14	- 0.18082594	6	- 0.18424749		
k	b(25, 13, k)	k	b(25, 19, k)	k	b(25, 25, k)	16	- 0.26855331	8	- 0.27064413	k	a(26, 16, k)
1	+ 0.13862247	1	+ 0.22998016	1	+ 0.52446977	18	- 0.33685802	10	- 0.18869430	0	+ 0.13845767
3	+ 0.27380091	3	+ 0.17998447	3	- 0.44954551	20	- 0.36530381	12	+ 0.03297471	2	+ 0.07516274
5	- 0.12078728	5	- 0.28283274	5	+ 0.32966671	22	- 0.31664654	14	+ 0.26022484	4	- 0.24120874
7	- 0.17327809	7	- 0.09861931	7	- 0.20604169	24	- 0.09851226	16	+ 0.30574332	6	- 0.20275879
9	- 0.28725327	9	+ 0.34467504	9	+ 0.10908090	26	+ 0.83735417	18	+ 0.05655326	8	+ 0.35797934
11	- 0.05515523	11	- 0.08683461	11	- 0.04848040			20	- 0.34576604	10	+ 0.28371176
13	+ 0.28298084	13	+ 0.32287422	13	+ 0.01786120	k	b(26, 5, k)	22	- 0.37873103	12	- 0.08501556
15	+ 0.24887030	15	+ 0.45592205	15	- 0.00535836	0	+ 0.00000000	24	+ 0.55914471	14	- 0.33803614
17	- 0.23579788	17	- 0.31669991	17	+ 0.00127580	2	+ 0.09279054	26	- 0.16388724	16	+ 0.10925309
19	- 0.36650495	19	+ 0.13548472	19	- 0.00023196	4	+ 0.17428484			18	+ 0.38356660
21	+ 0.50883460	21	- 0.03645650	21	+ 0.00003026	6	+ 0.23379182	k	b(26, 11, k)	20	- 0.46513875
23	- 0.22446521	23	+ 0.00571874	23	- 0.00000252	8	+ 0.26187192	0	+ 0.00000000	22	+ 0.23864292
25	+ 0.03513992	25	- 0.00040203	25	+ 0.00000010	10	+ 0.25107643	2	+ 0.19649562	24	- 0.06101941
						12	+ 0.19685802	4	+ 0.25971595	26	+ 0.00640327
k	a(25, 14, k)	k	a(25, 20, k)			14	+ 0.09878942	6	+ 0.13968276		
1	+ 0.23068174	1	+ 0.19889261	k	a(26, 0, k)	16	- 0.03763750	8	- 0.09082864	k	b(26, 17, k)
3	- 0.04871540	3	- 0.29401517	0	+ 0.12364597	18	- 0.19801337	10	- 0.26818121	0	+ 0.00000000
5	- 0.27578101	5	- 0.05616760	2	+ 0.24799848	20	- 0.35314486	12	- 0.23836567	2	+ 0.27890874
7	- 0.16025251	7	+ 0.34085582	4	+ 0.25015499	22	- 0.44458416	14	+ 0.01560803	4	+ 0.09701174
9	+ 0.17992851	9	- 0.17445796	6	+ 0.25387753	24	- 0.33195617	16	+ 0.29954263	6	- 0.25768742
11	+ 0.29423089	11	- 0.22568292	8	+ 0.25937952	26	+ 0.70540687	18	+ 0.28922788	8	- 0.17262382
13	- 0.04077064	13	+ 0.44537774	10	+ 0.26700833			20	- 0.15569362	10	+ 0.24405039
15	- 0.36288358	15	- 0.38010737	12	+ 0.27731392	k	a(26, 6, k)	22	- 0.51168863	12	+ 0.21134636
17	- 0.01288269	17	+ 0.20276123	14	+ 0.29117961	0	+ 0.12528155	24	+ 0.45644437	14	- 0.29409940
19	+ 0.48565259	19	- 0.07201410	16	+ 0.31008738	2	+ 0.22550679	26	- 0.10777159	16	- 0.15810563
21	- 0.41570778	21	+ 0.01673279	18	+ 0.33671104	4	+ 0.15425971			18	+ 0.47079998
23	+ 0.14599201	23	- 0.00232187	20	+ 0.37644713	6	+ 0.04833066	k	a(26, 12, k)	20	- 0.37370984
25	- 0.01949212	25	+ 0.00014680	22	+ 0.44232538	8	- 0.07397569	0	+ 0.13093652	22	+ 0.15333267
				24	+ 0.57797183	10	- 0.18895216	2	+ 0.15487920	24	- 0.03342232
k	b(25, 15, k)	k	b(25, 21, k)	26	+ 1.13371397	12	- 0.26962211	4	- 0.08236802	26	+ 0.00308793
1	+ 0.16495981	1	+ 0.27540640			14	- 0.28887118	6	- 0.25797748		
3	+ 0.26844391	3	+ 0.07868754	k	b(26, 1, k)	16	- 0.22408336	8	- 0.21494735	k	a(26, 18, k)
5	- 0.00690219	5	- 0.34347737	0	+ 0.00000000	18	- 0.06436801	10	+ 0.03235620	0	+ 0.14427918
7	- 0.28566280	7	+ 0.20780381	2	+ 0.01872020	20	+ 0.17690255	12	+ 0.27322197	2	+ 0.02226022
9	- 0.14185260	9	+ 0.16638448	4	+ 0.03776597	22	+ 0.43561524	14	+ 0.24689422	4	- 0.29035064
11	+ 0.25170886	11	- 0.42146694	6	+ 0.05749194	24	+ 0.51542087	16	- 0.08989895	6	- 0.05589250
13	+ 0.24131064	13	+ 0.41372540	8	+ 0.07831719	26	- 0.57144487	18	- 0.37848491	8	+ 0.30341642
15	- 0.26232711	15	- 0.25792705	10	+ 0.10077580			20	- 0.09152402	10	+ 0.05036065
17	- 0.26406621	17	+ 0.11143342	12	+ 0.12559847	k	b(26, 7, k)	22	+ 0.55704957	12	- 0.34348338
19	+ 0.50181136	19	+ 0.03364783	14	+ 0.15385813	0	+ 0.00000000	24	- 0.34784777	14	+ 0.06156442
21	- 0.30758471	21	+ 0.00684013	16	+ 0.18725590	2	+ 0.12874165	26	+ 0.06771083	16	+ 0.36809010
23	+ 0.08865807	23	+ 0.00084649	18	+ 0.22875011	4	+ 0.22389852			18	- 0.45201540
25	- 0.01022175	25	+ 0.00004840	20	+ 0.28416162	6	+ 0.25848285	k	b(26, 13, k)	20	+ 0.26648935
				22	+ 0.36727890	8	+ 0.21816985	0	+ 0.00000000	22	- 0.09035453
k	a(25, 16, k)	k	a(25, 22, k)	24	+ 0.52353938	10	+ 0.10624960	2	+ 0.22728063	24	+ 0.01703267
1	+ 0.22267877	1	+ 0.17981821	26	+ 1.11252118	12	- 0.05324106	4	+ 0.23716240	26	- 0.00139657
3	- 0.13001121	3	- 0.35963641			14	- 0.21515681	6	+ 0.01023469		
5	- 0.28228370	5	+ 0.18838098	k	a(26, 2, k)	16	- 0.31709597	8	- 0.23998576	k	b(26, 19, k)
7	- 0.03144084	7	+ 0.16483336	0	+ 0.12382248	18	- 0.29000415	10	- 0.24631757	0	+ 0.00000000
9	+ 0.31249587	9	- 0.41139081	2	+ 0.24552228	20	- 0.08090391	12	+ 0.03707957	2	+ 0.29721482
11	+ 0.03132310	11	+ 0.42662751	4	+ 0.23909274	22	+ 0.29746958	14	+ 0.31179810	4	- 0.02067581
13	- 0.35209049	13	- 0.29190303	6	+ 0.22816406	24	+ 0.62805068	16	+ 0.18294094	6	- 0.30561437
15	+ 0.01273692	15	+ 0.14391024	8	+ 0.21238801	26	- 0.44486923	18	- 0.28759955	8	+ 0.07481380
17	+ 0.43005853	17	- 0.05205264	10	+ 0.19121016			20	- 0.31575332	10	+ 0.30904700
19	- 0.43863576	19	+ 0.01359970	12	+ 0.16377757	k	a(26, 8, k)	22	+ 0.52612532	12	- 0.21281399
21	+ 0.20735397	21	- 0.00244469	14	+ 0.12876715	0	+ 0.12663181	24	- 0.24818426	14	- 0.21760161
23	- 0.05017258	23	+ 0.00027173	16	+ 0.08404659	2	+ 0.20767617	26	+ 0.04056858	16	+ 0.45497908
25	+ 0.00504816	25	- 0.00001412	18	+ 0.02593782	4	+ 0.08544894			18	- 0.36385974
				20	- 0.05262747	6	- 0.07318689	k	a(26, 14, k)	20	+ 0.16985870
k	b(25, 17, k)	k	b(25, 23, k)	22	- 0.16784403	8	- 0.21211343	0	+ 0.13417001	22	- 0.04871583
1	+ 0.19470712	1	+ 0.34465156	24	- 0.37102366	10	- 0.27459535	2	+ 0.11883630	24	+ 0.00803601
3	+ 0.23945347	3	- 0.08990910	26	- 1.05123370	12	- 0.22225426	4	- 0.16760418	26	- 0.00058885
5	- 0.15237948	5	- 0.23547622			14	- 0.05495810	6	- 0.26973411		
7	- 0.27482728	7	+ 0.42974410	k	b(26, 3, k)	16	+ 0.17273268	8	- 0.05187034	k	a(26, 20, k)
9	+ 0.14157997	9	- 0.42697380	0	+ 0.00000000	18	+ 0.34570043	10	+ 0.24919004	0	+ 0.15255518
11	- 0.29759068	11	+ 0.30057847	2	+ 0.05599991	20	- 0.30613405	12	+ 0.24094409	2	- 0.04271545
13	- 0.21953172	13	- 0.15973016	4	+ 0.11037663	22	- 0.07465627	14	- 0.12985974	4	- 0.29778772
15	- 0.25355186	15	+ 0.06506580	6	+ 0.16143935	24	- 0.66511954	16	- 0.34883873	6	- 0.14527612
17	+ 0.47705745	17	- 0.02015764			26	+ 0.33255977	18	+ 0.06620305	8	+ 0.25411335
								20	+ 0.46008375		

k	a(26,20,k)	k	a(26,26,k)	k	a(27, 4,k)	k	a(27,10,k)	k	a(27,16,k)	k	b(27,21,k)
10	- 0.29120093	0	+ 0.26474437	19	- 0.33793088	7	- 0.22791560	1	+ 0.21911039	23	+ 0.01547221
12	- 0.07855411	2	- 0.49166811	21	- 0.35770754	9	- 0.25752492	3	- 0.07887974	25	- 0.00210611
14	+ 0.40463680	4	+ 0.39333448	23	- 0.30160181	11	- 0.13174574	5	- 0.27484064	27	+ 0.00013055
16	- 0.42215562	6	- 0.27041746	25	- 0.07986341	13	+ 0.09482133	7	- 0.08640570		
18	+ 0.25203250	8	+ 0.15906909	27	+ 0.84655213	15	+ 0.28498361	9	+ 0.24245041	k	a(27,22,k)
20	- 0.09685874	10	- 0.07953455			17	+ 0.27733824	11	+ 0.21597961		
22	+ 0.02391502	12	+ 0.03348823	k	b(27, 5,k)	19	+ 0.00252917	13	- 0.18056831	1	+ 0.18834076
24	- 0.00348612	14	- 0.01172088	1	+ 0.04453186	21	- 0.36849950	15	- 0.29644052	3	- 0.29682504
26	+ 0.00022971	16	+ 0.00334882	3	+ 0.12860800	23	- 0.34282341	17	+ 0.19087081	5	- 0.01469058
		18	- 0.00076110	5	+ 0.19796540	25	+ 0.57581019	19	+ 0.32798293	7	+ 0.31904925
k	b(26,21,k)	20	+ 0.00013236	7	+ 0.24361978	27	- 0.17640428	21	+ 0.48404723	9	- 0.22789232
0	+ 0.00000000	22	- 0.00001655	9	+ 0.25788524			23	+ 0.26957211	11	- 0.13899315
2	+ 0.30742046	24	+ 0.00000132	11	+ 0.23501968	k	b(27,11,k)	25	- 0.07273216	13	+ 0.40724287
4	- 0.16395758	26	- 0.00000005	13	+ 0.17203575	1	+ 0.10147394	27	+ 0.00794805	15	- 0.40950063
6	- 0.22275784			15	+ 0.06980607	3	+ 0.24110207			17	+ 0.25650026
8	+ 0.32205953			17	- 0.06527908	5	+ 0.22690454	k	b(27,17,k)	19	- 0.11041296
10	- 0.01657659	k	a(27, 0,k)	19	- 0.21850891	7	+ 0.05956961	1	+ 0.16931257	21	+ 0.03305990
12	- 0.33967476			21	- 0.36129632	9	- 0.15984351	3	+ 0.25058261	23	- 0.00664382
14	+ 0.44215882	1	+ 0.24291766	23	- 0.43731079	11	- 0.27882849	5	- 0.05837603	25	+ 0.00081111
16	- 0.31827060	3	+ 0.24421322	25	- 0.31145450	13	- 0.18783903	7	- 0.28612959	27	- 0.00004566
18	+ 0.15148944	5	+ 0.24686771	27	+ 0.71769949	15	+ 0.08128214	9	- 0.04596555	k	b(27,23,k)
20	- 0.04920808	7	+ 0.25101675			17	+ 0.31983612	11	+ 0.29624364		
22	+ 0.01060490	9	+ 0.25688849	k	a(27, 6,k)	19	+ 0.24633978	13	+ 0.10730805	1	+ 0.27396946
24	- 0.00137753	11	+ 0.26484169	1	+ 0.23997671	21	- 0.20400679	15	- 0.33502654	3	+ 0.05479389
26	+ 0.00008207	13	+ 0.27543536	3	+ 0.19518106	23	+ 0.48963499	17	- 0.06219489	5	- 0.32697659
		15	+ 0.28956025	5	+ 0.11216303	25	+ 0.47863490	19	+ 0.45092019	7	+ 0.24240341
k	a(26,22,k)	17	+ 0.30870473	7	+ 0.00366409	27	- 0.11798907	21	- 0.40788419	9	+ 0.09827165
0	+ 0.16536588	19	+ 0.33554862	9	- 0.11224702			23	+ 0.18000438	11	- 0.37919269
2	- 0.12567807	21	+ 0.37549488	11	- 0.21352131	k	a(27,12,k)	25	- 0.04131487	13	+ 0.42558015
4	- 0.23812687	23	+ 0.44158198	13	- 0.27611414	1	+ 0.23043801	27	+ 0.00397403	15	- 0.30087961
6	+ 0.33002305	25	+ 0.57745336	15	- 0.27685031	3	+ 0.05469062			17	+ 0.15050434
8	- 0.05716935	27	+ 1.13351955	17	- 0.19764269	5	- 0.16785906	k	a(27,18,k)	19	- 0.05469143
10	- 0.29425399			19	- 0.03208447	7	- 0.26528424	1	+ 0.21127424	21	+ 0.01426752
12	+ 0.44107125	k	b(27, 1,k)	21	+ 0.20301383	9	- 0.14684579	3	- 0.15268085	23	- 0.00255024
14	- 0.36053857	1	+ 0.00883483	23	+ 0.44291392	11	+ 0.11151754	5	- 0.25751574	25	+ 0.00028103
16	+ 0.19981113	3	+ 0.02664585	25	+ 0.49754648	13	+ 0.29198745	7	+ 0.09922540	27	- 0.00001445
18	- 0.07883294	5	+ 0.04489246	27	- 0.58599918	15	+ 0.19234716	9	+ 0.29044594	k	a(27,24,k)
20	+ 0.02206235	7	+ 0.06390574			17	- 0.15314065	11	- 0.08324103		
22	- 0.00419665	9	+ 0.08408649	k	b(27, 7,k)	19	- 0.37216301	13	- 0.31878788	1	+ 0.17013333
24	+ 0.00048926	11	+ 0.10595419	1	+ 0.06286632	21	- 0.03193330	15	+ 0.16636359	3	- 0.35160888
26	- 0.00002649	13	+ 0.13022733	3	+ 0.17351104	23	+ 0.55283558	17	+ 0.29763463	5	+ 0.21266666
		15	+ 0.15796807	5	+ 0.24159800	25	- 0.37216378	19	- 0.46760230	7	+ 0.11559059
k	b(26,23,k)	17	+ 0.19086720	7	+ 0.24757822	27	+ 0.07557349	21	+ 0.30556898	9	- 0.37612810
0	+ 0.00000000	19	+ 0.23187192	9	+ 0.18443001			23	- 0.11076191	11	+ 0.43020556
2	+ 0.30427322	21	+ 0.28678895	11	+ 0.06118805	k	b(27,13,k)	25	+ 0.02195028	13	- 0.32388540
4	- 0.31750249	23	+ 0.36938417	13	- 0.09519071	1	+ 0.12229870	27	- 0.00187337	15	+ 0.17864877
6	+ 0.03638049	25	+ 0.52504439	15	- 0.24043563	3	+ 0.25927325			17	- 0.07432140
8	+ 0.29104395	27	+ 1.11309410	17	- 0.31730949	5	- 0.16286997	k	b(27,19,k)	19	+ 0.02327911
10	- 0.43870595			19	- 0.26596525	7	- 0.09087325	1	+ 0.19728768	21	- 0.00535698
12	+ 0.38024937	k	a(27, 2,k)	21	- 0.04522051	9	- 0.27091821	3	+ 0.21622730	23	+ 0.00085857
14	- 0.23179893	1	+ 0.24259613	23	+ 0.32150894	11	- 0.18419133	5	- 0.18742330	25	- 0.00008588
16	+ 0.10452352	3	+ 0.23871459	25	+ 0.61694959	13	+ 0.11836980	7	- 0.23003744	27	+ 0.00000405
18	- 0.03508009	5	+ 0.23084604	27	- 0.46053983	15	+ 0.31846804	9	+ 0.20902111	k	b(27,25,k)
20	+ 0.00858327	7	+ 0.21876711			17	+ 0.11360413	11	+ 0.21885174		
22	- 0.00145444	9	+ 0.20210847	k	a(27, 8,k)	19	- 0.32613440	13	- 0.29548043	1	+ 0.34053920
24	+ 0.00015315	11	+ 0.18030298	1	+ 0.23761235	21	- 0.26280113	15	- 0.10399957	3	- 0.10624823
26	- 0.00000757	13	+ 0.15249282	3	+ 0.15777460	23	+ 0.53886155	17	+ 0.43250745	5	- 0.20364244
		15	+ 0.11735830	5	+ 0.02196365	25	- 0.27156239	19	- 0.40317638	7	+ 0.40676406
k	a(26,24,k)	17	+ 0.07278078	7	- 0.12730553	27	+ 0.04627912	21	+ 0.20550297	9	- 0.42968034
0	+ 0.18902895	19	+ 0.01511081	9	- 0.23883832			23	- 0.06274040	11	+ 0.32414482
2	- 0.24303722	21	- 0.06266542	11	- 0.26652515	k	a(27,14,k)	25	+ 0.01086615	13	- 0.18755170
4	- 0.06480992	23	- 0.17663295	13	- 0.18531698	1	+ 0.22538989	27	- 0.00082864	15	+ 0.08503148
6	+ 0.34160231	25	- 0.37783074	15	- 0.00697672	3	- 0.00901560			17	- 0.03020783
8	- 0.44556823	27	- 1.05394891	17	+ 0.20815849	5	- 0.23959926	k	a(27,20,k)	19	+ 0.00828314
10	+ 0.38004349			19	+ 0.34959286	7	- 0.21812422	1	+ 0.20134474	21	- 0.00169834
12	- 0.24094711	k	b(27, 3,k)	21	+ 0.27681924	9	+ 0.05340760	3	- 0.22711687	23	+ 0.00024575
14	+ 0.11780658	1	+ 0.02657507	23	- 0.11166607	11	+ 0.28315117	5	- 0.17355917	25	- 0.00002242
16	- 0.04469477	3	+ 0.07901655	25	- 0.66342782	13	+ 0.17007001	7	+ 0.27020464	27	+ 0.00000097
18	+ 0.01300044	5	+ 0.12930507	27	+ 0.34813539	15	- 0.20212276	9	+ 0.11073961	k	a(27,26,k)
20	- 0.00281346	7	+ 0.17591136			17	- 0.31778990	11	- 0.33564730		
22	+ 0.00042802	9	+ 0.21714967	k	b(27, 9,k)	19	+ 0.13677986	13	+ 0.06168505	1	+ 0.14024263
24	- 0.00004093	11	+ 0.25107850	1	+ 0.08176802	21	+ 0.42805398	15	+ 0.33546902	3	- 0.36463083
26	+ 0.00000185	13	+ 0.27534866	3	+ 0.21172466	23	- 0.46939815	17	- 0.44605278	5	+ 0.45578853
		15	+ 0.28694833	5	+ 0.25280538	25	+ 0.18624052	19	+ 0.29944237	7	- 0.41289079
k	b(26,25,k)	17	+ 0.28173317	7	+ 0.18231006	27	- 0.02704314	21	- 0.12447788	9	+ 0.29492199
0	+ 0.00000000	19	+ 0.25345664	9	+ 0.02219482			23	+ 0.03261286	11	- 0.17074431
2	+ 0.27272840	21	+ 0.19144756	11	- 0.16229901	k	b(27,15,k)	25	- 0.00498616	13	+ 0.08071549
4	- 0.43636543	23	+ 0.07368061	13	- 0.28052768	1	+ 0.14468695	27	+ 0.00034187	15	- 0.03104442
6	+ 0.45000185	25	- 0.16337875	15	- 0.25123434	3	+ 0.26352317			17	+ 0.00959555
8	- 0.35294263	27	- 0.96211932	17	- 0.05038854	5	+ 0.06445489	k	b(27,21,k)	19	- 0.00233140
10	+ 0.22058914			19	+ 0.23888867	7	- 0.22386217	1	+ 0.23066938	21	+ 0.00042947
12	- 0.11145557	k	a(27, 4,k)	21	+ 0.39880049	9	- 0.23663656	3	+ 0.15439471	23	- 0.00005644
14	+ 0.04551102	1	+ 0.24162379	23	+ 0.12884323	11	+ 0.07773540	5	- 0.29295011	25	+ 0.00000472
16	- 0.01486074	3	+ 0.22229389	25	- 0.64421617	13	+ 0.31060341	7	- 0.03697301	27	- 0.00000019
18	+ 0.00379962	5	+ 0.18436946	27	+ 0.25291450	15	+ 0.06703012	9	+ 0.32985722	k	b(27,27,k)
20	- 0.00073423	7	+ 0.12935833			17	- 0.34592454	11	- 0.17133093		
22	+ 0.00010096	9	+ 0.05962211	k	a(27,10,k)	19	- 0.11195405	13	- 0.22507904	1	+ 0.51528431
24	- 0.00000881	11	- 0.02148112	1	+ 0.23446503	21	+ 0.49994343	15	+ 0.43902406	3	- 0.44657974
26	+ 0.00000037	13	- 0.10935758	3	+ 0.11066749	23	- 0.37156000	17	- 0.36983372	5	- 0.33493480
		15	- 0.19777052	5	- 0.07570162	25	+ 0.12007946	19	+ 0.19426467	7	- 0.21672252
		17	- 0.27810686			27	- 0.01504542	21	- 0.06782325	9	+ 0.12040140

k	b(27, 27, k)	k	a(28, 4, k)	k	a(28, 10, k)	k	b(28, 15, k)	k	a(28, 20, k)	k	a(28, 26, k)
11	- 0.05703224	20	- 0.33771424	0	+ 0.12320828	12	+ 0.16557236	24	+ 0.04281501	0	+ 0.18546331
13	+ 0.02281290	22	- 0.34963414	2	+ 0.18618140	14	+ 0.29292393	26	- 0.00685552	2	- 0.24728441
15	- 0.00760430	24	- 0.28692089	4	+ 0.03288292	16	- 0.01986840	28	+ 0.00048841	4	- 0.04018372
17	+ 0.00207390	26	- 0.06219553	6	- 0.14177208	18	- 0.35682274			6	+ 0.31201475
19	- 0.00045085	28	+ 0.85518854	8	- 0.25048241	20	- 0.03793887	k	b(28, 21, k)	8	- 0.43335381
21	+ 0.00007514			10	- 0.22903632	22	+ 0.48740012			10	+ 0.39229924
23	- 0.00000902	k	b(28, 5, k)	12	- 0.07231796	24	- 0.40020612	0	+ 0.00000000	12	- 0.26685472
25	+ 0.00000069			14	+ 0.14776808	26	+ 0.13669003	2	+ 0.28993579	14	+ 0.14232252
27	- 0.00000003	0	+ 0.00000000	16	+ 0.29787347	28	- 0.01781505	4	- 0.05363812	16	- 0.06021337
		2	+ 0.08326385	18	+ 0.24333898			6	- 0.28703644	18	+ 0.02012161
		4	+ 0.15778500	20	- 0.04788986	k	a(28, 16, k)	8	+ 0.13668402	20	- 0.00521972
		6	+ 0.21522322	22	- 0.38478464			10	+ 0.25538330	22	+ 0.00101690
k	a(28, 0, k)	8	+ 0.24806666	24	- 0.30666170	0	+ 0.13104965	12	- 0.27643602	24	- 0.00014030
0	+ 0.11923147	10	+ 0.25010966	26	+ 0.59052134	2	+ 0.09707381	14	- 0.09676898	26	+ 0.00001224
2	+ 0.23905174	12	+ 0.21702333	28	- 0.18882950	4	- 0.19419616	16	+ 0.40703344	28	- 0.00000051
4	+ 0.24084463	14	+ 0.14708548			6	- 0.24110603	18	- 0.40934956		
6	+ 0.24392449	16	+ 0.04219137	k	b(28, 11, k)	8	+ 0.03505209	20	+ 0.23789212	k	b(28, 27, k)
8	+ 0.24844161	18	- 0.09060830	0	+ 0.00000000	10	+ 0.28005018	22	- 0.08921228		
10	+ 0.25463544	20	- 0.23647270	2	+ 0.17732750	12	+ 0.12659048	24	+ 0.02151344	0	+ 0.00000000
12	+ 0.26287365	22	- 0.36748667	4	+ 0.25091841	14	- 0.24936348	26	- 0.00306428	2	+ 0.25935408
14	+ 0.27372240	24	- 0.42932804	6	+ 0.17275145	16	- 0.23585832	28	+ 0.00019735	4	- 0.42145038
16	+ 0.28807847	26	- 0.29172290	8	- 0.01882121	18	+ 0.25565471			6	+ 0.44624158
18	+ 0.30743552	28	+ 0.72930724	10	- 0.21061728	20	+ 0.26641682	k	a(28, 22, k)	8	- 0.36360425
20	+ 0.33447846	k	a(28, 6, k)	12	- 0.27066552	22	- 0.49554594	0	+ 0.14944230	10	+ 0.23921332
22	+ 0.37461588	0	+ 0.12058913	14	- 0.13135507	24	+ 0.29971351	2	- 0.05756296	12	- 0.12917519
24	+ 0.44089407	2	+ 0.22033569	16	+ 0.13864160	26	- 0.08521481	4	- 0.28034269	14	+ 0.05741120
26	+ 0.57697249	4	+ 0.16062174	18	+ 0.32834520	28	+ 0.00968350	6	+ 0.18265170	16	- 0.02087680
28	+ 1.13333881	6	+ 0.07031933	20	+ 0.20064671	k	b(28, 17, k)	8	+ 0.20091687	18	+ 0.00612689
		8	- 0.03730530	22	- 0.24600676	0	+ 0.00000000	10	- 0.31723716	20	- 0.00141826
k	b(28, 1, k)	10	- 0.14485131	24	- 0.46525643	2	+ 0.25565638	12	+ 0.02021609	22	+ 0.00024961
0	+ 0.00000000	12	- 0.23206435	26	+ 0.49914287	4	+ 0.14700242	14	+ 0.33423942	24	- 0.00000252
2	+ 0.01677814	14	- 0.27767473	28	- 0.12828438	6	- 0.18154218	16	- 0.43455648	26	- 0.00000010
4	+ 0.03380796	16	- 0.26202080	k	a(28, 12, k)	8	- 0.24909606	18	+ 0.31000477	k	a(28, 28, k)
6	+ 0.05136043	18	- 0.17090108	0	+ 0.12518549	10	+ 0.07630862	20	- 0.14570388		
8	+ 0.06974873	20	- 0.00161682	2	+ 0.16196838	12	+ 0.30114969	22	+ 0.04662992	0	+ 0.25993235
10	+ 0.08935952	22	+ 0.22635449	4	- 0.04356764	14	+ 0.00101317	24	- 0.00988607	2	- 0.48520706
12	+ 0.11070068	24	+ 0.44818189	6	- 0.22354378	16	- 0.34523986	26	+ 0.00126201	4	+ 0.39423073
14	+ 0.13448082	26	+ 0.47987152	8	- 0.24295392	18	+ 0.02888457	28	- 0.00007384	6	- 0.27828052
16	+ 0.16175316	28	- 0.59983939	10	- 0.07117575	20	+ 0.41954338	k	b(28, 23, k)	8	- 0.17006032
18	+ 0.19419969	k	b(28, 7, k)	12	+ 0.17563068	22	- 0.43666191			10	- 0.08950543
20	+ 0.23475786	0	+ 0.00000000	14	+ 0.29118205	24	+ 0.20719213	0	+ 0.00000000	12	+ 0.04027744
22	+ 0.28922168	2	+ 0.11567154	16	+ 0.13252046	26	- 0.05000539	2	+ 0.29691837	14	- 0.01534379
24	+ 0.37133637	4	+ 0.20531699	18	- 0.20604868	28	+ 0.00500054	4	- 0.18557398	16	+ 0.00488211
26	+ 0.52644189	6	+ 0.24730339	20	- 0.35643639	k	a(28, 18, k)	6	- 0.18168215	18	- 0.00127360
28	+ 1.11362707	8	+ 0.22848194	22	+ 0.02413330	0	+ 0.13538093	8	+ 0.32995149	20	+ 0.00026533
k	a(28, 2, k)	10	+ 0.14764946	24	+ 0.54482203	2	+ 0.05482092	10	- 0.08957710	22	- 0.00004245
0	+ 0.11937858	12	+ 0.01799544	26	- 0.39534742	4	- 0.25289491	12	- 0.26790698	24	+ 0.00000490
2	+ 0.23698859	14	- 0.13196051	28	+ 0.08363119	6	- 0.15222833	14	+ 0.43150884	26	- 0.00000036
4	+ 0.23163866	16	- 0.25964352	k	b(28, 13, k)	8	+ 0.21338931	16	+ 0.35962734	28	+ 0.00000001
6	+ 0.22256998	18	- 0.31303011	0	+ 0.00000000	10	+ 0.22145938	18	+ 0.20019274		
8	+ 0.20953661	20	- 0.24063886	2	+ 0.20583737	12	- 0.19053130	20	- 0.07875222	k	a(29, 0, k)
10	+ 0.19215414	22	- 0.01142015	4	+ 0.24185891	14	- 0.25886625	22	+ 0.02187793		
12	+ 0.16984697	24	+ 0.34260448	6	+ 0.07114813	16	+ 0.24747548	24	- 0.00411891	1	+ 0.23452342
14	+ 0.14175523	26	+ 0.60526792	8	- 0.17093451	18	+ 0.21798844	26	+ 0.00047431	3	+ 0.23560918
16	+ 0.10656425	28	- 0.47556765	10	- 0.27001435	20	- 0.47081705	28	- 0.00002533	5	+ 0.23782668
18	+ 0.06216950	k	a(28, 8, k)	12	+ 0.11099882	22	+ 0.34220349	k	a(28, 24, k)	7	+ 0.24127344
20	+ 0.00494913	0	+ 0.12170057	14	+ 0.18458866	24	- 0.13249982	0	+ 0.16212410	9	+ 0.24611100
22	- 0.07205933	2	+ 0.20553874	16	+ 0.30672469	26	+ 0.02756533	2	- 0.13610418	11	+ 0.25258761
24	- 0.18483859	4	+ 0.10236370	18	- 0.04468299	28	- 0.00244531	4	- 0.21206233	13	+ 0.26107795
26	- 0.38417433	6	- 0.03696460	20	- 0.35237601	k	b(28, 19, k)	6	+ 0.33336106	15	+ 0.27215398
28	- 1.05647940	8	- 0.17060606	22	- 0.20900758	0	+ 0.00000000	8	- 0.10943671	17	+ 0.28671741
k	b(28, 3, k)	10	- 0.25358555	24	+ 0.54735210	2	+ 0.27538164	10	- 0.23305146	19	+ 0.30626632
0	+ 0.00000000	12	- 0.24991094	26	- 0.29446611	4	+ 0.05920705	12	+ 0.42068890	21	+ 0.33349000
2	+ 0.05020999	14	- 0.14585200	28	+ 0.05224399	6	- 0.27262782	14	- 0.38670592	23	+ 0.37380197
4	+ 0.09916474	16	+ 0.03774480	k	a(28, 14, k)	8	- 0.10097327	16	+ 0.24226718	25	+ 0.44025566
6	+ 0.14556404	18	+ 0.23737639	0	+ 0.12774256	10	+ 0.28348035	18	- 0.11064332	27	+ 0.57652527
8	+ 0.18801138	20	+ 0.34844631	2	+ 0.13247377	12	+ 0.10154502	20	+ 0.03729177	29	+ 1.13317035
10	+ 0.22494780	22	+ 0.24671601	4	- 0.12154468	14	- 0.33328582	22	- 0.00911275	k	b(29, 1, k)
12	+ 0.25455754	24	- 0.14578673	6	- 0.26212527	16	+ 0.00706829	24	+ 0.00153630		
14	+ 0.27462134	26	- 0.66040144	8	- 0.13895346	18	+ 0.39188022	26	- 0.00016050	1	+ 0.00795109
16	+ 0.28226813	28	+ 0.36322079	10	+ 0.14252298	20	- 0.43337227	28	+ 0.00000785	3	+ 0.02396370
18	+ 0.27351476	k	b(28, 9, k)	12	+ 0.28535334	22	+ 0.24144887	k	b(28, 25, k)	5	+ 0.04031540
20	+ 0.24231269	0	+ 0.00000000	14	+ 0.09121256	24	- 0.07838377	0	+ 0.00000000	7	+ 0.05725955
22	+ 0.17825846	2	+ 0.14713838	16	- 0.25581917	26	+ 0.01423253	2	+ 0.29142748	9	+ 0.07509550
24	+ 0.05974490	4	+ 0.23762848	18	- 0.27434515	28	- 0.00112794	4	- 0.32202736	11	+ 0.09419874
26	- 0.17591552	6	+ 0.23365650	20	+ 0.19784278	k	a(28, 20, k)	6	+ 0.07354258	13	+ 0.11506783
28	- 0.96753539	8	+ 0.13059315	22	+ 0.39101695	0	+ 0.14120970	8	+ 0.24514194	15	+ 0.13840326
k	a(28, 4, k)	10	- 0.03720267	24	- 0.49078670	2	+ 0.00418399	10	- 0.41932173	17	+ 0.16525072
0	+ 0.11982541	12	- 0.20229687	26	+ 0.20663125	4	- 0.28657201	12	+ 0.39674287	19	+ 0.19728461
2	+ 0.23077487	14	- 0.28350501	28	- 0.03122175	6	- 0.00138072	14	- 0.26578547	21	+ 0.23743376
4	+ 0.20445766	16	- 0.21803462	k	b(28, 15, k)	8	+ 0.30030596	16	+ 0.13418295	23	+ 0.29148070
6	+ 0.16164547	18	- 0.00225546	0	+ 0.00000000	10	- 0.04178486	18	- 0.05186381	25	+ 0.37315162
8	+ 0.10396560	20	+ 0.26913920	2	+ 0.23216679	12	- 0.31598864	20	+ 0.01523531	27	+ 0.52774300
10	+ 0.03381126	22	+ 0.38751333	4	+ 0.20778928	14	+ 0.17897456	22	- 0.00330970	29	+ 1.11412411
12	- 0.04551652	24	+ 0.08904562	6	- 0.05541720	16	+ 0.24724810	24	+ 0.00050322	k	a(29, 2, k)
14	- 0.12957543	26	- 0.65061930	8	- 0.26547768	18	- 0.45138292	26	- 0.00004794		
16	- 0.21238682	28	+ 0.26704524	10	- 0.16004633	20	+ 0.34293743	28	+ 0.00000216	1	+ 0.23425370
18	- 0.28572525					22	- 0.15419849			3	+ 0.23100018

k	a(29, 2, k)	k	b(29, 7, k)	k	b(29, 13, k)	k	a(29, 18, k)	k	b(29, 23, k)	k	b(29, 29, k)
9	+ 0.20051405	21	- 0.21458150	1	+ 0.10905911	13	- 0.26164068	25	- 0.00624596	1	+ 0.50684957
11	+ 0.18253754	23	+ 0.02043633	3	+ 0.24386828	15	- 0.17705699	27	+ 0.00075056	3	- 0.44349338
13	+ 0.15983149	25	+ 0.36104188	5	+ 0.18873284	17	+ 0.30279453	29	- 0.00004158	5	+ 0.33914199
15	+ 0.13153596	27	+ 0.59314024	7	- 0.02157474	19	+ 0.13441560			7	- 0.22609466
17	+ 0.09634239	29	- 0.48998541	9	- 0.22478294	21	- 0.46254145	k	a(29, 24, k)	9	+ 0.13089691
19	+ 0.05216047			11	- 0.24367418	23	+ 0.37563053	1	+ 0.17900610	11	- 0.06544845
21	- 0.00460516	k	a(29, 8, k)	13	- 0.03497126	25	- 0.15526012	3	- 0.29751477	13	+ 0.02804934
23	- 0.08086860	1	+ 0.23009143	15	+ 0.23400364	27	+ 0.03386399	5	+ 0.02091329	15	- 0.01019976
25	- 0.19251699	3	+ 0.16298143	17	+ 0.28049911	29	- 0.00311833	7	+ 0.29278613	17	+ 0.00310427
27	- 0.39010021	5	+ 0.04613108	19	- 0.02102221			9	- 0.26490173	19	- 0.00077607
29	- 1.05884342	7	- 0.08899288	21	- 0.36753576	k	b(29, 19, k)	11	- 0.06053848	21	+ 0.00015521
		9	- 0.20312561	23	- 0.15546875	1	+ 0.17263812	13	+ 0.35772741	23	- 0.00002388
k	b(29, 3, k)	11	- 0.25801559	25	+ 0.55193251	3	+ 0.23258192	15	- 0.42120110	25	+ 0.00000265
1	+ 0.02390842	13	- 0.22691511	27	- 0.31678801	5	- 0.10022602	17	+ 0.30264457	27	+ 0.00000019
3	+ 0.07117182	15	- 0.10549881	29	+ 0.05843662	7	- 0.27078609	19	- 0.15201403	29	+ 0.00000001
5	+ 0.11675668	17	+ 0.07864855	k	a(29, 14, k)	9	+ 0.03831355	21	+ 0.05510779		
7	+ 0.15948084	19	+ 0.26083302	1	+ 0.22004566	11	+ 0.29678144	23	- 0.01428293	k	a(30, 0, k)
9	+ 0.19805841	21	+ 0.34310440	3	+ 0.22004566	13	- 0.01940948	25	+ 0.00252937	0	+ 0.11525821
11	+ 0.23103772	23	+ 0.21632052	5	- 0.20109728	15	- 0.33062046	27	- 0.00027560	2	+ 0.23101323
13	+ 0.25671090	25	- 0.17716316	7	- 0.24220968	17	+ 0.10747370	29	+ 0.00001399	4	+ 0.23252312
15	+ 0.27297160	27	- 0.65622681	9	- 0.04873958	19	+ 0.33708960	k	b(29, 25, k)	6	+ 0.23510671
17	+ 0.27707238	29	+ 0.37782756	11	+ 0.20849927	21	- 0.45381186	1	+ 0.27234911	8	+ 0.23887272
19	+ 0.26517310	k	b(29, 9, k)	13	+ 0.26174420	23	+ 0.27681277	3	+ 0.03404364	10	+ 0.24399142
21	+ 0.23140258	1	+ 0.07330634	15	+ 0.01194765	25	- 0.09546700	5	- 0.30927645	12	+ 0.25071800
23	+ 0.16559918	3	+ 0.19378666	17	- 0.29402759	27	+ 0.01814916	7	+ 0.26727594	14	+ 0.25943280
25	+ 0.04653635	5	+ 0.24386335	19	- 0.22260501	29	- 0.00149279	9	+ 0.03818228	16	+ 0.27071249
27	- 0.18769663	7	+ 0.20150771	21	+ 0.24899997	k	a(29, 20, k)	11	- 0.33258774	18	+ 0.28546285
29	- 0.97260979	9	+ 0.07611773	23	+ 0.35028147	1	+ 0.20113199	13	+ 0.42502904	20	+ 0.30518574
k	a(29, 4, k)	11	- 0.09023111	25	- 0.50859517	3	- 0.17040349	15	- 0.33520021	22	+ 0.33257420
1	+ 0.23343890	13	- 0.23151702	27	+ 0.22700878	5	- 0.22984917	17	+ 0.18925129	24	+ 0.37304619
3	+ 0.21722787	15	- 0.27724968	29	- 0.03564601	7	+ 0.15159392	19	- 0.07962518	26	+ 0.43966158
5	+ 0.18533981	17	- 0.18150415	k	b(29, 15, k)	9	+ 0.24992512	21	+ 0.02503731	28	+ 0.57610828
7	+ 0.13886596	19	+ 0.04274019	1	+ 0.12847898	11	- 0.16959975	23	- 0.00575530	30	+ 1.13301295
9	+ 0.07950508	21	+ 0.29340007	3	+ 0.25398392	13	- 0.24879891	25	+ 0.00091816	k	b(30, 1, k)
11	+ 0.00964973	23	+ 0.37289270	5	+ 0.114441767	15	+ 0.26428302	27	- 0.00009118	0	+ 0.00000000
13	- 0.06747374	25	+ 0.05106799	7	- 0.15401961	17	+ 0.14924065	29	+ 0.00000426	2	+ 0.01515044
15	- 0.14757783	27	- 0.65537258	9	- 0.26365087	19	- 0.43913960	k	a(29, 26, k)	4	+ 0.03049893
17	- 0.22493057	29	+ 0.28087396	11	- 0.07024122	21	+ 0.38090560	1	+ 0.16158361	6	+ 0.04625672
19	- 0.29166616	k	a(29, 10, k)	13	+ 0.22919248	23	- 0.18531196	3	- 0.34336516	8	+ 0.06266356
21	- 0.33641929	1	+ 0.22748162	15	+ 0.25286765	25	+ 0.05446997	5	+ 0.23168238	10	+ 0.08000794
23	- 0.34121015	3	+ 0.12321921	17	- 0.09877265	27	- 0.00912178	7	+ 0.07207896	12	+ 0.09865641
25	- 0.27262519	5	+ 0.04065676	19	- 0.35072927	29	+ 0.00067437	9	- 0.33980082	14	+ 0.11909991
27	- 0.04543753	7	- 0.19102573	21	+ 0.03182605	k	b(29, 21, k)	11	+ 0.42624138	16	+ 0.14203219
29	+ 0.86331312	9	- 0.25451413	23	+ 0.46846331	1	+ 0.19911051	13	- 0.34874295	18	+ 0.16849252
k	b(29, 5, k)	11	- 0.18989829	25	+ 0.42633344	3	+ 0.19450147	15	+ 0.21135936	20	+ 0.20014869
1	+ 0.04003444	13	- 0.01398782	27	+ 0.15372249	5	- 0.21293763	17	- 0.09854012	22	+ 0.23992183
3	+ 0.11661109	15	+ 0.19110477	29	- 0.02081278	7	- 0.18251797	19	+ 0.03559179	24	+ 0.29358400
5	+ 0.18087587	17	+ 0.30051315	k	a(29, 16, k)	9	+ 0.25204862	21	- 0.00984694	26	+ 0.37484385
7	+ 0.22691246	19	+ 0.20567238	1	+ 0.21498646	11	- 0.13380077	23	+ 0.00202605	28	+ 0.52895737
9	+ 0.24807429	21	+ 0.09418641	3	- 0.03881700	13	- 0.32519458	25	- 0.00029303	30	+ 1.11458875
11	+ 0.23940403	23	- 0.39537594	5	- 0.25441472	15	+ 0.02875071	27	+ 0.00002664	k	a(30, 2, k)
13	+ 0.19774354	25	- 0.27062206	7	- 0.16200147	17	- 0.35134788	29	- 0.00000115	0	+ 0.11538235
15	+ 0.12239683	27	+ 0.60341406	9	+ 0.13918729	19	- 0.43489465	k	b(29, 27, k)	2	+ 0.22927268
17	+ 0.01606133	29	- 0.20113802	11	+ 0.27497231	21	+ 0.28060267	1	+ 0.33659404	4	+ 0.22476414
19	- 0.11373649	k	b(29, 11, k)	13	+ 0.03049130	23	- 0.11298804	3	- 0.11998954	6	+ 0.21713851
21	- 0.25215265	1	+ 0.09076788	15	- 0.29000584	25	+ 0.02876728	5	- 0.17517190	8	+ 0.20621748
23	- 0.37198029	3	+ 0.22313771	17	- 0.16407955	27	- 0.00428164	7	+ 0.38370987	10	+ 0.19172642
25	- 0.42079352	5	+ 0.23230348	19	+ 0.30314527	29	+ 0.00028611	9	- 0.42819797	12	+ 0.17326270
27	- 0.27273654	7	+ 0.10713267	21	+ 0.20160443	k	a(29, 22, k)	11	+ 0.34288033	14	+ 0.15024212
29	+ 0.74028489	9	- 0.08906679	23	- 0.50002065	1	+ 0.19151596	13	- 0.21317912	16	+ 0.12180612
k	a(29, 6, k)	11	- 0.24295402	25	+ 0.32871279	3	- 0.23673501	15	+ 0.10561743	18	+ 0.08665293
1	+ 0.23206167	13	- 0.24773569	27	+ 0.09836944	5	- 0.13597007	17	- 0.04191756	20	+ 0.04270632
3	+ 0.19445909	15	- 0.07291106	29	+ 0.01160882	7	+ 0.28570927	19	+ 0.01322808	22	- 0.01360369
5	+ 0.12403165	17	+ 0.18674891	k	b(29, 17, k)	9	+ 0.03786508	21	- 0.00325644	24	- 0.08914564
7	+ 0.03008097	19	+ 0.32679872	1	+ 0.14945465	11	- 0.32384611	23	+ 0.00060436	26	- 0.19971722
9	- 0.07409185	21	+ 0.15374252	3	+ 0.25116685	13	+ 0.15729668	25	- 0.00007968	28	- 0.39564833
11	- 0.17201793	23	- 0.28195514	5	+ 0.01462800	15	+ 0.23485152	27	+ 0.00000666	30	- 1.06105688
13	- 0.24526699	25	- 0.43908913	7	- 0.25083310	17	- 0.43467257	29	- 0.00000027	k	b(30, 3, k)
15	- 0.27514642	27	+ 0.51801904	9	- 0.16816090	19	- 0.43467257	k	a(29, 28, k)	0	+ 0.00000000
17	- 0.24510721	29	- 0.13862481	11	+ 0.17528189	21	+ 0.35696991	1	+ 0.13310522	2	+ 0.04535327
19	- 0.14427443	k	a(29, 12, k)	13	+ 0.26766374	23	- 0.06269562	3	- 0.34940120	4	+ 0.08971846
21	+ 0.02698804	1	+ 0.22416494	15	- 0.09623145	25	+ 0.01400472	5	+ 0.44531525	6	+ 0.13207672
23	+ 0.24715366	3	+ 0.07575945	17	- 0.32951115	27	+ 0.00186675	7	- 0.41562757	8	+ 0.17134396
25	+ 0.45169462	5	- 0.12677040	19	+ 0.11107717	29	- 0.00011332	9	+ 0.30937691	10	+ 0.20632765
27	+ 0.46244925	7	- 0.24906260	21	+ 0.37892365	k	b(29, 23, k)	11	- 0.18906367	12	+ 0.23566791
29	- 0.61301413	9	- 0.19926516	23	- 0.45974467	1	+ 0.23087777	13	+ 0.09575952	14	+ 0.25775031
k	b(29, 7, k)	11	+ 0.00404378	25	+ 0.23451158	3	+ 0.13147206	15	- 0.04017882	16	+ 0.27056736
1	+ 0.05645290	13	+ 0.22290642	27	- 0.05943992	5	+ 0.29670811	17	+ 0.01385878	18	+ 0.27148102
3	+ 0.15759769	15	+ 0.27444908	29	+ 0.00617136	7	+ 0.01641863	19	- 0.00387231	20	+ 0.25677883
5	+ 0.22528583	17	+ 0.07123249	k	a(29, 18, k)	9	+ 0.30257191	21	+ 0.00085598	22	+ 0.22074932
7	+ 0.24318624	19	- 0.24841039	1	+ 0.20878537	11	- 0.23177428	23	- 0.00014423	24	+ 0.15345031
9	+ 0.20351781	21	- 0.33327226	3	- 0.10342609	13	- 0.12992939	25	+ 0.00001742	26	+ 0.03400319
11	+ 0.10961580	23	+ 0.07620416	5	- 0.26504143	15	+ 0.39972576	27	- 0.00000134	28	- 0.19878790
13	- 0.02244274	25	+ 0.53352860	7	- 0.01894534	17	- 0.40264558	29	+ 0.00000005	30	- 0.97737384
15	- 0.16357940	27	- 0.41735941	9	+ 0.27077659	19	+ 0.25056185				
17	- 0.27343689	29	+ 0.09185130	11	+ 0.12076382	21	- 0.10672178				
19	- 0.30508526			13		23	+ 0.03154037				

k	a(30, 4, k)	k	b(30, 9, k)	k	a(30, 14, k)	k	b(30, 19, k)	k	a(30, 24, k)	k	b(30, 29, k)
0	+ 0.11575880	2	+ 0.13332218	4	- 0.08280419	6	- 0.21320368	8	+ 0.14885362	10	+ 0.25558439
2	+ 0.22403319	4	+ 0.22191316	6	- 0.24160786	8	- 0.20178383	10	- 0.32428825	12	- 0.14604822
4	+ 0.20180826	6	+ 0.23396412	8	- 0.19133007	10	+ 0.15620372	12	+ 0.10166068	14	+ 0.06970483
6	+ 0.16553678	8	+ 0.16084953	10	+ 0.03948437	12	+ 0.25923625	14	+ 0.25601704	16	- 0.02770875
8	+ 0.11640720	10	+ 0.02228096	12	+ 0.24905954	14	- 0.12687809	16	+ 0.42422553	18	+ 0.00909193
10	+ 0.05615541	12	- 0.13564103	14	+ 0.21909322	16	- 0.29520860	18	+ 0.35453099	20	- 0.00242452
12	- 0.01284880	14	- 0.25073581	16	- 0.06219177	18	+ 0.19181450	20	- 0.19637716	22	+ 0.00051288
14	- 0.08746447	16	- 0.26355886	18	- 0.30901166	20	+ 0.27226599	22	+ 0.07655763	24	- 0.00008289
16	- 0.16355818	18	- 0.14319630	20	- 0.16606329	22	- 0.46439544	24	- 0.02102387	26	+ 0.00000962
18	- 0.23563187	20	+ 0.08411531	22	+ 0.29031066	24	+ 0.31082177	26	+ 0.00390591	28	- 0.00000071
20	- 0.29615292	22	+ 0.31219720	24	+ 0.30699955	26	- 0.11378985	28	- 0.00044331	30	+ 0.00000003
22	- 0.33422386	24	+ 0.35563281	26	- 0.52294174	28	+ 0.02262136	30	+ 0.00002331		
24	- 0.33253801	26	+ 0.01496924	28	+ 0.24725327	30	- 0.00192870				
26	- 0.25872700	28	- 0.65864648	30	- 0.04029818						
28	- 0.02952440	30	+ 0.29439502								
30	+ 0.87096987										
k	b(30, 5, k)	k	a(30, 10, k)	k	b(30, 15, k)	k	a(30, 20, k)	k	b(30, 25, k)	k	a(30, 30, k)
0	+ 0.00000000	0	+ 0.11857912	0	+ 0.00000000	0	+ 0.13261818	0	+ 0.00000000	0	+ 0.25552793
2	+ 0.07525870	2	+ 0.18655767	2	+ 0.21213040	2	+ 0.03715596	2	+ 0.28701939	2	- 0.47911487
4	+ 0.14363099	4	+ 0.05481979	4	+ 0.21998708	4	- 0.25850383	4	- 0.20260193	4	+ 0.39456519
6	+ 0.19850590	6	- 0.10455180	6	+ 0.00904391	6	- 0.10363442	6	- 0.14339714	6	- 0.28496375
8	+ 0.23383725	8	- 0.22311660	8	- 0.21985955	8	+ 0.24685951	8	+ 0.32776489	8	+ 0.17997710
10	+ 0.24446328	10	- 0.24327300	10	- 0.22732636	10	+ 0.14834859	10	- 0.14807950	10	- 0.09898741
12	+ 0.22647914	12	- 0.14422297	12	+ 0.01988905	12	- 0.25426634	12	- 0.19653572	12	+ 0.04713686
14	+ 0.17769706	14	+ 0.04071462	14	+ 0.26707628	14	- 0.15311014	14	+ 0.40616354	14	- 0.01928326
16	+ 0.09825323	16	+ 0.22479970	16	- 0.19754377	16	+ 0.04965143	16	- 0.38701758	16	+ 0.00670722
18	- 0.00852860	18	+ 0.29454421	18	- 0.16633864	18	- 0.41129653	18	+ 0.24584376	18	- 0.00195627
20	- 0.13478989	20	+ 0.16591218	20	- 0.33069356	20	+ 0.41219034	20	- 0.11270762	20	+ 0.00046951
22	- 0.26577665	22	- 0.13608966	22	+ 0.09593195	22	- 0.21711517	22	+ 0.03791206	22	- 0.00009029
24	- 0.37500599	24	- 0.40098234	24	+ 0.44414354	24	+ 0.06749295	24	- 0.00921086	24	+ 0.00001338
26	- 0.41183693	26	- 0.23500194	26	- 0.44982395	26	- 0.01180632	26	- 0.00015921	26	- 0.00000143
28	- 0.25446835	28	+ 0.61462046	28	+ 0.17105528	28	+ 0.00090464	28	+ 0.00000770	28	+ 0.00000010
30	+ 0.75068162	30	- 0.21330945	30	- 0.02402919	30		30		30	- 0.00000000
k	a(30, 6, k)	k	b(30, 11, k)	k	a(30, 16, k)	k	b(30, 21, k)	k	a(30, 26, k)	k	a(31, 0, k)
0	+ 0.11640013	0	+ 0.00000000	0	+ 0.12490364	0	+ 0.00000000	0	+ 0.15917696	0	+ 0.22694413
2	+ 0.21523989	2	+ 0.16099777	2	+ 0.11252095	2	+ 0.27109372	2	- 0.14476870	2	+ 0.22786480
4	+ 0.16462472	4	+ 0.23991824	4	- 0.15158325	4	+ 0.02598720	4	- 0.18815491	4	+ 0.22974023
6	+ 0.08705153	6	+ 0.19298687	6	- 0.25093588	6	- 0.27647491	6	+ 0.33176665	6	+ 0.23264221
8	- 0.00766108	8	+ 0.03813418	8	- 0.06152661	8	- 0.03464960	8	- 0.15180467	8	+ 0.23668816
10	- 0.10650899	10	- 0.14735819	10	+ 0.21341693	10	+ 0.29359346	10	- 0.17506506	10	+ 0.24205524
12	- 0.19410329	12	- 0.25816085	12	- 0.23624436	12	- 0.00100798	12	+ 0.39225103	12	+ 0.24900419
14	- 0.25379963	14	- 0.25816085	14	- 0.06088232	14	- 0.32159506	14	- 0.40170431	14	+ 0.25791994
16	- 0.26926778	16	- 0.21396429	16	- 0.30418099	16	+ 0.13909031	16	+ 0.14402505	16	+ 0.26938305
18	- 0.22670300	18	- 0.01554256	18	- 0.08769130	18	+ 0.28734435	18	+ 0.05623171	18	+ 0.28430273
20	- 0.11807382	20	+ 0.22536141	20	+ 0.33393659	20	- 0.44575910	20	- 0.01657735	20	+ 0.30418404
22	+ 0.05373022	22	+ 0.31689111	22	+ 0.13586368	22	+ 0.32082890	22	+ 0.00359786	22	+ 0.33172333
24	+ 0.26562924	24	+ 0.10687344	24	- 0.49799383	24	- 0.13869223	24	- 0.00054475	24	+ 0.37234252
26	+ 0.45369028	26	- 0.31219604	26	- 0.35628518	26	+ 0.03724122	26	+ 0.00005155	26	+ 0.43910738
28	+ 0.44531961	28	- 0.41159375	28	+ 0.11209880	28	+ 0.00578467	28	- 0.00000230	28	+ 0.57571857
30	- 0.62556802	30	+ 0.53532438	30	+ 0.01372164	30	+ 0.00040058	30		30	+ 1.13286557
k	b(30, 7, k)	k	a(30, 12, k)	k	b(30, 17, k)	k	a(30, 22, k)	k	b(30, 27, k)	k	b(31, 1, k)
0	+ 0.00000000	0	+ 0.12020256	0	+ 0.00000000	0	+ 0.13844116	0	+ 0.00000000	0	+ 0.00720548
2	+ 0.10465741	2	+ 0.16631474	2	+ 0.23477344	2	- 0.01133785	2	+ 0.27971993	2	+ 0.02170414
4	+ 0.18879376	4	- 0.01237379	4	+ 0.17799817	4	- 0.27946424	4	- 0.32420697	4	+ 0.03647130
6	+ 0.23489775	6	- 0.18796312	6	- 0.10812877	6	+ 0.04517590	6	+ 0.10475108	6	+ 0.05170478
8	+ 0.23129850	8	- 0.24777020	8	- 0.26351913	8	+ 0.28332543	8	- 0.20236742	8	+ 0.06763371
10	+ 0.17462535	10	- 0.14227512	10	- 0.06639127	10	- 0.11656499	10	- 0.39597856	10	+ 0.08453788
12	+ 0.07167595	12	+ 0.07313359	12	+ 0.24140127	12	- 0.26431238	12	+ 0.40566143	12	+ 0.10277658
14	- 0.05958114	14	+ 0.25335114	14	- 0.17717246	14	+ 0.25640775	14	- 0.29479485	14	+ 0.12283450
16	- 0.19023824	16	+ 0.24548379	16	- 0.29340359	16	+ 0.12257820	16	+ 0.16359564	16	+ 0.14539965
18	- 0.28246160	18	+ 0.01137928	18	+ 0.18208887	18	- 0.41136148	18	- 0.07093858	18	+ 0.17150579
20	- 0.29418949	20	- 0.28052930	20	+ 0.33128372	20	+ 0.39485319	20	+ 0.02406074	20	+ 0.20281491
22	- 0.18823141	22	- 0.30441709	22	- 0.47704821	22	- 0.22224540	22	- 0.00629242	22	+ 0.24224121
24	+ 0.05033751	24	+ 0.12400568	24	+ 0.26161894	24	+ 0.08108220	24	+ 0.00122983	24	+ 0.29554717
26	+ 0.37708186	26	+ 0.51943426	26	- 0.06955840	26	- 0.01906032	26	- 0.00016961	26	+ 0.37642518
28	+ 0.58067911	28	- 0.43818048	28	+ 0.00748895	28	+ 0.00264948	28	- 0.00000061	28	+ 0.53009340
30	- 0.50382452	30	+ 0.10020406	30		30	- 0.00016665	30		30	+ 1.11502405
k	a(30, 8, k)	k	b(30, 13, k)	k	a(30, 18, k)	k	b(30, 23, k)	k	a(30, 28, k)	k	a(31, 2, k)
0	+ 0.11732869	0	+ 0.00000000	0	+ 0.12826133	0	+ 0.00000000	0	+ 0.18221033	0	+ 0.22671524
2	+ 0.20279657	2	+ 0.18738704	2	+ 0.07795193	2	+ 0.28261031	2	- 0.25053921	2	+ 0.22395603
4	+ 0.11484964	4	+ 0.24005137	4	- 0.21266318	4	- 0.08127355	4	- 0.01875695	4	+ 0.21838083
6	- 0.00760045	6	+ 0.11488173	6	- 0.20573822	6	- 0.26413905	6	+ 0.28448035	6	+ 0.20987108
8	- 0.13290281	8	+ 0.10377376	8	+ 0.10560674	8	+ 0.18374890	8	- 0.41923420	8	+ 0.19823539
10	- 0.22549447	10	- 0.25190484	10	+ 0.27230962	10	+ 0.19523321	10	+ 0.39998365	10	+ 0.18319023
12	- 0.25383912	12	- 0.019904320	12	+ 0.01066430	12	- 0.30912644	12	- 0.28906381	12	+ 0.16432777
14	- 0.19939414	14	+ 0.03772628	14	- 0.29458628	14	+ 0.01079352	14	+ 0.16592141	14	+ 0.14106224
16	- 0.06549887	16	+ 0.26657776	16	- 0.08539567	16	+ 0.01079352	16	- 0.07684277	16	+ 0.11253748
18	+ 0.11544714	18	+ 0.24355342	18	- 0.44401035	18	- 0.42675893	18	+ 0.02873633	18	+ 0.07745891
20	+ 0.27902858	20	- 0.08157006	20	+ 0.40528517	20	+ 0.29871333	20	- 0.00859300	20	+ 0.03376414
22	+ 0.33430783	22	- 0.37293229	22	- 0.17874031	22	- 0.13783553	22	+ 0.00201305	22	- 0.02209258
24	+ 0.18601906	24	- 0.10304932	24	+ 0.04082334	24	+ 0.04329865	24	- 0.00004503	24	- 0.09693685
26	- 0.20594967	26	+ 0.55294898	26	- 0.00389737	26	- 0.00900799	26	- 0.00000361	26	- 0.20648248
28	- 0.65106670	28	- 0.33844341	28		28	+ 0.00112813	28	+ 0.00000014	28	- 0.40085370
30	+ 0.39196873	30	+ 0.06483169	30		30	- 0.00006475	30		30	- 1.06313371
k	b(30, 9, k)	k	a(30, 14, k)	k	b(30, 19, k)	k	a(30, 24, k)	k	b(30, 29, k)	k	b(31, 3, k)
0	+ 0.00000000	0	+ 0.12227379	0	+ 0.00000000	0	+ 0.14662305	0	+ 0.00000000	0	+ 0.02166025
2	+ 0.14177436	2	+ 0.14177436	2	+ 0.25471236	2	- 0.07015154	2	- 0.24741386	2	+ 0.06454140
4		4	+ 0.11320549	4	+ 0.11320549	4	- 0.26253853	4	- 0.40750518	4	+ 0.10609183
6		6		6		6	+ 0.21087597	6	+ 0.44146394	6	+ 0.14538075
8		8		8		8		8	- 0.37175911	8	

k	b(31, 3, k)	k	a(31, 8, k)	k	b(31, 13, k)	k	a(31, 18, k)	k	b(31, 23, k)	k	a(31, 28, k)
9	+ 0.18140658	11	- 0.23868118	13	- 0.14295569	15	- 0.29267790	17	+ 0.25115841	19	+ 0.05016926
11	+ 0.21305642	13	- 0.24269476	15	+ 0.10285120	17	+ 0.00629526	19	- 0.43089456	21	- 0.01604604
13	+ 0.23904967	15	- 0.16890013	17	+ 0.28338950	19	+ 0.33967116	21	+ 0.34211413	23	+ 0.00397954
15	+ 0.25785351	17	- 0.02676612	19	+ 0.19027728	21	- 0.02774015	23	- 0.17118572	25	- 0.00074076
17	+ 0.26754767	19	+ 0.14804901	21	- 0.13571453	23	- 0.41666083	25	+ 0.05711867	27	+ 0.00009763
19	+ 0.26559150	21	+ 0.29248053	23	- 0.36990141	25	+ 0.43078262	27	- 0.01246994	29	- 0.00000814
21	+ 0.24838719	23	+ 0.32270069	25	- 0.05241493	27	- 0.20265197	29	+ 0.00162563	31	+ 0.00000032
23	+ 0.21036780	25	+ 0.15610914	27	+ 0.55074674	29	+ 0.04841310	31	- 0.00009656		
25	+ 0.14179114	27	- 0.23230392	29	- 0.35936725						
27	+ 0.02209788	29	- 0.64506324	31	+ 0.07140522						
29	- 0.20924782	31	+ 0.40565832								
31	- 0.98185517										
k	a(31, 4, k)	k	b(31, 9, k)	k	a(31, 14, k)	k	b(31, 19, k)	k	a(31, 24, k)	k	b(31, 29, k)
1	+ 0.22602438	1	+ 0.06622690	1	+ 0.21480752	1	+ 0.15323139	1	+ 0.18273342	1	+ 0.33281796
3	+ 0.21227036	3	+ 0.17799318	3	+ 0.04487865	3	+ 0.23777285	3	- 0.24352101	3	- 0.13164199
5	+ 0.18515853	5	+ 0.23323064	5	- 0.16421078	5	- 0.02837618	5	- 0.10143620	5	- 0.14964432
7	+ 0.14549631	7	+ 0.21165053	7	- 0.24507734	7	- 0.25991761	7	+ 0.29071788	7	+ 0.36105318
9	+ 0.09453454	9	+ 0.11546767	9	- 0.12185267	9	- 0.09520184	9	- 0.02602005	9	- 0.42356389
11	+ 0.03402173	11	- 0.02849697	11	+ 0.11667723	11	+ 0.23503014	11	- 0.29429736	11	+ 0.35735797
13	- 0.03371015	13	- 0.17291931	13	+ 0.26517691	13	+ 0.18649646	13	+ 0.22591531	13	- 0.23633972
15	- 0.10561144	15	- 0.26098713	15	- 0.12750124	15	- 0.21029877	15	+ 0.13355940	15	+ 0.12621967
17	- 0.17769944	17	- 0.24406914	17	- 0.31173255	17	- 0.23609587	17	- 0.39698909	17	- 0.05492614
19	- 0.24469669	19	- 0.10433922	19	- 0.10759145	19	+ 0.25710202	19	+ 0.39393774	19	+ 0.01942799
21	- 0.29937904	21	+ 0.12161056	21	+ 0.32215276	21	+ 0.20134475	21	- 0.24151855	21	- 0.00552150
23	- 0.33127794	23	+ 0.32606712	23	+ 0.26216622	23	- 0.46544515	23	+ 0.10126626	23	+ 0.00123397
25	- 0.32370073	25	+ 0.33632349	25	- 0.53398457	25	+ 0.34282620	25	- 0.02943897	25	- 0.00020924
27	- 0.24523172	27	- 0.01923069	27	+ 0.26726207	27	- 0.13314048	27	+ 0.00573112	27	+ 0.00000195
29	- 0.01439669	29	- 0.66059575	29	- 0.04516063	29	+ 0.02764664	29	- 0.00067674	29	+ 0.00000007
31	+ 0.87819796	31	+ 0.30760565	31	- 0.04516063	31	- 0.00244059	31	+ 0.00003682	31	+ 0.00000007
k	b(31, 5, k)	k	a(31, 10, k)	k	b(31, 15, k)	k	a(31, 20, k)	k	b(31, 25, k)	k	a(31, 30, k)
1	+ 0.03624868	1	+ 0.22100148	1	+ 0.11522252	1	+ 0.19951239	1	+ 0.23073579	1	+ 0.12676188
3	+ 0.10565791	3	+ 0.13224226	3	+ 0.24236461	3	- 0.12343058	3	+ 0.11092167	3	- 0.33554615
5	+ 0.16591715	5	- 0.01203712	5	+ 0.14844689	5	- 0.24968401	5	- 0.29594712	5	+ 0.43496724
7	+ 0.21131295	7	- 0.15585511	7	- 0.08844550	7	+ 0.03954475	7	+ 0.06189772	7	- 0.41665283
9	+ 0.23673112	9	- 0.23915325	9	- 0.25001432	9	+ 0.27337589	9	+ 0.26814775	9	+ 0.32141789
11	+ 0.23793885	11	- 0.22017634	11	- 0.16749230	11	+ 0.02684304	11	- 0.27184456	11	- 0.20577548
13	+ 0.21191880	13	- 0.09540720	13	+ 0.10105789	13	- 0.29039873	13	- 0.04286344	13	+ 0.11054055
15	+ 0.15728780	15	+ 0.09012056	15	+ 0.28060431	15	- 0.04660276	15	+ 0.34573644	15	- 0.04990961
17	+ 0.07485622	17	+ 0.24927299	17	+ 0.13339755	17	+ 0.33097049	17	- 0.41564169	17	+ 0.01885474
19	- 0.03156647	19	+ 0.28153533	19	- 0.22079273	19	- 0.04486616	19	+ 0.29956647	19	- 0.00590042
21	- 0.15390140	21	+ 0.12531851	21	- 0.29971625	21	- 0.37042132	21	+ 0.14988303	21	+ 0.00150497
23	- 0.27755253	23	- 0.17351035	23	+ 0.15346188	23	+ 0.43606565	23	+ 0.05391316	23	- 0.00030524
25	- 0.37676184	25	- 0.40225830	25	+ 0.41540719	25	- 0.24894120	25	- 0.01382986	25	+ 0.00004740
27	- 0.40256517	27	- 0.20003351	27	- 0.47062352	27	+ 0.08177307	27	+ 0.00241978	27	- 0.00000530
29	- 0.23689005	29	+ 0.62426731	29	+ 0.18857742	29	- 0.01492438	29	- 0.00026018	29	+ 0.00000038
31	+ 0.76054174	31	- 0.22532725	31	- 0.02745399	31	+ 0.00118386	31	+ 0.00001302	31	- 0.00000001
k	a(31, 6, k)	k	b(31, 11, k)	k	a(31, 16, k)	k	b(31, 21, k)	k	a(31, 26, k)	k	b(31, 31, k)
1	+ 0.22485870	1	+ 0.08185657	1	+ 0.21064688	1	+ 0.17518267	1	+ 0.17068211	1	+ 0.49906202
3	+ 0.19293150	3	+ 0.20671691	3	- 0.00726369	3	+ 0.21498076	3	- 0.29670298	3	- 0.44034884
5	+ 0.13262457	5	+ 0.23180705	5	- 0.22158724	5	- 0.13374972	5	+ 0.05143159	5	+ 0.34249355
7	+ 0.05086854	7	+ 0.14056594	7	- 0.20476419	7	- 0.24570379	7	+ 0.26438589	7	- 0.23433769
9	- 0.04236070	9	+ 0.02817927	9	+ 0.03984804	9	+ 0.10727323	9	- 0.28885310	9	+ 0.14060261
11	- 0.13457393	11	- 0.19192016	11	+ 0.25335376	11	+ 0.26780113	11	+ 0.00828032	11	- 0.07364899
13	- 0.21153085	13	- 0.25839457	13	+ 0.17459936	13	- 0.12278957	13	+ 0.30212898	13	+ 0.03347681
15	- 0.25829381	15	- 0.17289406	15	- 0.13974863	15	- 0.27598440	15	- 0.41786897	15	- 0.01309962
17	- 0.26067833	17	+ 0.03855672	17	- 0.29541290	17	+ 0.22629995	17	+ 0.33914198	17	+ 0.00436654
19	- 0.20729095	19	+ 0.25471636	19	- 0.01193347	19	+ 0.19465368	19	- 0.19379818	19	- 0.00122263
21	- 0.09252787	21	+ 0.30020877	21	+ 0.34932357	21	- 0.44223410	21	+ 0.08182794	21	+ 0.00028215
23	+ 0.07864272	23	+ 0.06099302	23	+ 0.07109161	23	+ 0.35726528	23	- 0.02568698	23	- 0.00005225
25	+ 0.28198565	25	+ 0.33712176	25	- 0.49007262	25	- 0.16582712	25	+ 0.00587409	25	+ 0.00000746
27	+ 0.45437496	27	- 0.38316335	27	+ 0.38220949	27	+ 0.04691453	27	- 0.00092994	27	- 0.00000077
29	+ 0.42851191	29	+ 0.55112657	29	- 0.12630828	29	+ 0.00759616	29	+ 0.00009148	29	+ 0.00000005
31	- 0.63754210	31	- 0.15933043	31	+ 0.01601830	31	+ 0.00054450	31	- 0.00000422	31	- 0.00000000
k	b(31, 7, k)	k	a(31, 12, k)	k	b(31, 17, k)	k	a(31, 22, k)	k	b(31, 27, k)	k	a(31, 28, k)
1	+ 0.05106766	1	+ 0.21822782	1	+ 0.13345587	1	+ 0.19204800	1	+ 0.27061557	1	+ 0.15397316
3	+ 0.14388028	3	+ 0.09162912	3	+ 0.24606773	3	- 0.18425700	3	- 0.01591856	3	- 0.33511804
5	+ 0.20999085	5	- 0.09123565	5	+ 0.06912916	5	- 0.20129139	5	+ 0.29118523	5	+ 0.24655832
7	+ 0.23574887	7	- 0.22494164	7	- 0.19722514	7	+ 0.19049942	7	+ 0.28457232	7	+ 0.03373956
9	+ 0.21348304	9	- 0.22489658	9	- 0.22877892	9	+ 0.20012755	9	- 0.01411880	9	- 0.30365604
11	+ 0.14338149	11	- 0.07899746	11	+ 0.03654872	11	- 0.22802947	11	- 0.28448268	11	+ 0.41658028
13	+ 0.03481589	13	+ 0.13247090	13	+ 0.27245950	13	- 0.16301116	13	+ 0.41473424	13	+ 0.36068719
15	- 0.09312665	15	+ 0.26813514	15	+ 0.13052845	15	+ 0.31122581	15	- 0.36068719	15	- 0.22574300
17	- 0.21222823	17	+ 0.20773894	17	- 0.23798949	17	+ 0.00961981	17	- 0.10713102	17	+ 0.00000000
19	- 0.28733065	19	- 0.04494509	19	+ 0.24254580	19	- 0.36790817	19	+ 0.03904723	19	- 0.01083844
21	- 0.28095438	21	- 0.30304413	21	+ 0.24047367	21	+ 0.42197712	21	- 0.01083844	21	+ 0.00222824
23	- 0.16193068	23	- 0.27138852	23	+ 0.27870875	23	+ 0.26084181	23	+ 0.00222824	23	- 0.00032104
25	+ 0.07830721	25	+ 0.16741686	25	- 0.48865831	25	- 0.02509182	25	+ 0.00002901	25	- 0.00000124
27	+ 0.39096130	27	+ 0.50297521	27	- 0.28821364	27	+ 0.00363301	27	- 0.00000124		
29	+ 0.56797869	29	- 0.45780738	29	- 0.08029695	29	- 0.00023651				
31	- 0.51711492	31	+ 0.10866245	31	+ 0.00895450						
k	a(31, 8, k)	k	b(31, 13, k)	k	a(31, 18, k)	k	b(31, 23, k)	k	a(31, 28, k)	k	b(31, 29, k)
1	+ 0.22319570	1	+ 0.09811837	1	+ 0.20561312	1	+ 0.20036390	1	+ 0.15397316	1	+ 0.15397316
3	+ 0.16615177	3	+ 0.22867750	3	- 0.06381097	3	+ 0.17435317	3	- 0.33511804	3	- 0.33511804
5	+ 0.06497508	5	+ 0.20355636	5	- 0.25340570	5	- 0.23098070	5	+ 0.24655832	5	+ 0.24655832
7	- 0.05663215	7	+ 0.03365259	7	- 0.10435588	7	- 0.13560802	7	+ 0.03373956	7	+ 0.03373956
9	- 0.16827873	9	- 0.16858869	9	- 0.19805034	9	+ 0.27542748	9	+ 0.30365604	9	+ 0.30365604
		11	- 0.25476356	11	+ 0.22885667	11	+ 0.05210140	11	+ 0.41658028	11	+ 0.41658028
				13	- 0.09159250	13	- 0.32048027	13	+ 0.36700378	13	+ 0.36700378
						15	+ 0.13531781	15	- 0.24114654	15	- 0.24114654
						17		17	- 0.12367180	17	- 0.12367180

m	N(0,m)	m	N(11,m)	m	N(17,m)	m	N(21,m)	m	N(25,m)	m	N(29,m)						
0	.1414213562	1	5	.5026834980	5	4	.2165273562	5	18	.1257470146	23	16	.1901353444	22	0	.1841149236	0
m	N(1,m)		6	.5076854470	6	5	.3661809861	6	19	.1377489529	24	17	.3696653595	23	1	.5430610042	1
			7	.4816327042	7	6	.6083455434	7	20	.1247369821	25	18	.6856271030	24	2	.1599957627	3
0	.8164965809	0	8	.4198776571	8	7	.9884445116	8	21	.8083880365	25	19	.1203270682	26	3	.4702895754	4
1	.1154700538	1	9	.3252358347	9	8	.1562867999	10				20	.1977175486	27	4	.1377555154	6
			10	.2107769111	10	9	.2390728327	11	m	N(22,m)		21	.2998535089	28	5	.4016228919	7
			11	.9886313454	10	10	.3513638708	12				22	.4111384175	29	6	.1164013727	9
m	N(2,m)					11	.4919094192	13	0	.2108185107	0	23	.4933661010	30	7	.3349448236	10
0	.6324555320	0	m	N(12,m)		12	.6488730888	14	1	.4742245132	1	24	.4884075219	31	8	.9556205333	11
1	.1549193338	1	0	.2828427125	0	13	.7947039877	15	2	.1064631392	3	25	.3453562707	32	9	.2699522294	13
2	.3098386677	1	1	.3532704347	1	14	.8849449084	16	3	.2380588163	4				10	.7539355464	14
			2	.4383970803	2	15	.8670653904	17	4	.5291121620	5	m	N(26,m)		11	.2078456865	16
m	N(3,m)		3	.5369245757	3	16	.7044072531	18	5	.1166449332	7	0	.1942571725	0	12	.5646368223	17
0	.5345224838	0	4	.6443094909	4	17	.4107364807	19	6	.2544891992	8	1	.5146898682	1	13	.1508753542	19
1	.1851640200	1	5	.7513875293	5	m	N(18,m)		7	.5481865118	9	2	.1361741393	3	14	.3957423441	20
2	.5855400438	1	6	.8434304098	6	0	.2324952775	0	8	.1162879200	11	3	.3592520532	4	15	.1016680490	22
3	.1434274331	2	7	.9005372486	7	1	.4299591433	1	9	.2422587473	12	4	.9436779431	5	16	.2551847778	23
			8	.9005372486	8	2	.7928054872	2	10	.4941128319	13	5	.2464427189	6	17	.6240298386	24
m	N(4,m)		9	.8253560215	9	3	.1453236463	3	11	.9832721204	14	6	.6388525434	7	18	.1481988755	26
0	.4714045208	0	10	.6705224016	10	4	.2639935134	4	12	.1901557781	16	7	.1641241901	8	19	.3405350898	27
1	.2108185107	1	11	.4547704189	11	5	.4737194232	5	13	.3557488859	17	8	.4171467409	10	20	.1805686628	28
2	.8944271910	1	12	.2227910953	12	6	.8367553327	6	14	.6403479946	18	9	.1047030010	11	21	.1599065180	30
3	.3346640106	2		N(13,m)		7	.1449302750	7	15	.1101696347	20	10	.2590209195	12	22	.3229953336	31
4	.9465727653	2	0	.2721655270	0	8	.2450993349	8	16	.1796812365	21	11	.6302250974	13	23	.6162358213	32
			1	.3671713698	1	9	.4027393037	9	17	.2748594394	22	12	.1504641797	14	24	.1098905887	34
m	N(5,m)		2	.4926120854	2	10	.6393288244	10	18	.3887099469	23	13	.3515842756	15	25	.1805686628	35
0	.4264014327	0	3	.6535237818	3	11	.1411165418	11	19	.4977916165	24	14	.8017355017	16	26	.2678266088	36
1	.2335496832	1	4	.8520907620	4	12	.1924573037	12	20	.5587697037	25	15	.1778335370	17	27	.3706472557	38
2	.1235828761	2	5	.1084534481	5	13	.2434413728	13	21	.5181817059	26	16	.3822386990	18	28	.2822765402	39
3	.6054299749	2	6	.1337103908	6	14	.2796928434	14	m	N(23,m)		17	.7926270365	19		N(30,m)	
4	.2568621845	3	7	.1582082680	7	15	.2824759253	15	0	.2062842493	0	18	.1577307887	20	0	.1810714921	0
5	.8122695477	3	8	.1775883403	8	16	.2363363152	16	1	.4846582477	1	19	.2992731297	21	1	.5521938362	1
			9	.1862562227	9	17	.1418017891	17	2	.1136624341	2	20	.5370264312	22	2	.1682153187	3
m	N(6,m)		10	.1786506928	10	18			3	.2655909509	3	21	.1955932540	23	3	.5113302997	4
0	.3922322703	0	11	.1515901396	11	m	N(19,m)		4	.6171775978	4	22	.2395518347	24	4	.1549254866	6
1	.2541955637	1	12	.1071904157	12	0	.2264554068	0	5	.1423527856	5	23	.2419354938	25	5	.4673514184	7
2	.1607673905	2	13	.5465660213	13	1	.4414428557	1	6	.3252379548	6	24	.1744621656	26	6	.1402054255	9
3	.9646043430	3		N(14,m)		2	.8582630043	2	7	.7344907139	7	m	N(27,m)		7	.4178027582	10
4	.5283355577	4	0	.2626128657	0	3	.1659801656	3	8	.1635788489	8	0	.1906925178	0	8	.1235170808	12
5	.2478113426	4	1	.3805621976	1	4	.3184051642	4	9	.3583835018	9	1	.5243177385	1	9	.3618017498	13
6	.8584436723	4	2	.5488546067	2	5	.6041313227	5	10	.7703157084	10	2	.1439727247	2	10	.1048601093	15
			3	.7839211783	3	6	.1130226213	6	11	.1619496034	11	3	.3942855449	3	11	.3002736563	16
m	N(7,m)		4	.1103074875	4	7	.2077895611	7	12	.3318979225	12	4	.1075467580	4	12	.8482398622	17
0	.3651483717	0	5	.1520438785	5	8	.3740212099	8	13	.6604685267	13	5	.2917670406	5	13	.2359875862	19
1	.2732520204	1	6	.2039943061	6	9	.6564045594	9	14	.1270436577	14	6	.7861484107	6	14	.6454163413	20
2	.2007984064	2	7	.2644068404	7	10	.1117816685	10	15	.2349449108	15	7	.2100649750	7	15	.1731833775	22
3	.1419859148	3	8	.3281202599	8	11	.1836760241	11	16	.4149954537	16	8	.5557796829	8	16	.4549155170	23
4	.9418280098	3	9	.3854540295	9	12	.2892532921	12	17	.6944202147	17	9	.1453552484	9	17	.1166927024	25
5	.5650968059	4	10	.4222437337	10	13	.4329146868	13	18	.1089155549	18	10	.3751179377	10	18	.2914982772	26
6	.2881439640	5	11	.4222437337	11	14	.6091649608	14	19	.1578336339	19	11	.9534196337	11	19	.7068457570	27
7	.1078135991	6	12	.3729155683	12	15	.7942539356	15	20	.2069968703	20	12	.2381641482	12	20	.1657700239	29
			13	.2740358578	13	16	.9397739302	16	21	.2378212978	21	13	.5833806381	13	21	.3743614219	30
m	N(8,m)		14	.1450061460	14	17	.9766417168	17	22	.2256170931	22	14	.1397680665	14	22	.8098675814	31
0	.3429971703	0	m	N(15,m)		18	.8401389718	18	23	.1530209575	23	15	.32265910497	15	23	.1667619416	33
1	.2910427500	1		N(15,m)		19	.5178964442	19	m	N(24,m)		16	.32265910497	16	24	.3242222706	34
2	.2435038350	2	0	.2540002540	0	m	N(20,m)		0	.2020305089	0	17	.7418722552	17	25	.5889790034	35
3	.1978234507	3	1	.3934955015	1	0	.2208630521	0	1	.4948716593	1	18	.1632118961	18	26	.9855503773	36
4	.1532333860	4	2	.6070552932	2	1	.4526345643	1	2	.1210161062	2	19	.34662247156	19	27	.1488148435	38
5	.1104981661	5	3	.9286160358	3	2	.9254135529	2	3	.2949418483	3	20	.7044630809	20	28	.1963002606	39
6	.7161099620	5	4	.1402179465	4	3	.1882938026	3	4	.7151959731	4	21	.1366004595	21	29	.2132366641	40
7	.3922295798	6	5	.2079768245	5	4	.3803348378	4	5	.1722419991	5	22	.2503927782	22	30	.1651724098	41
8	.1568918319	7	6	.3013870519	6	5	.7606696757	5	6	.4112221365	6	23	.4293341794	23		N(31,m)	
			7	.4240891733	7	6	.1502202246	6	7	.9713899023	7	24	.9695730873	24	0	.1781741613	0
m	N(9,m)		8	.5752625432	8	7	.2920614969	7	8	.2265651117	8	25	.1210996398	25	1	.5611778995	1
0	.3244428423	0	9	.7456254752	9	8	.5572178222	8	9	.5206069910	9	26	.1246797102	26	2	.1765705039	3
1	.3077935056	1	10	.9132009767	10	9	.1039476369	9	10	.1175696117	10	27	.9162050135	27	3	.5544426287	4
2	.2887359019	2	11	.1041209312	11	10	.1888302597	10	11	.2602514296	11				4	.1735679971	6
3	.2646308253	3	12	.1082056458	12	11	.3324699801	11	12	.5630099243	12	m	N(28,m)		5	.5411314610	7
4	.2337156167	4	13	.9917211246	13	12	.5642202659	12	13	.1186335524	13	0	.1873171623	0	6	.1678380095	9
5	.1955405140	5	14	.7552723070	14	13	.9167494218	13	14	.2425468710	14	1	.5337717496	1	7	.5173114880	10
6	.1514650309	6	15	.4136796796	15	14	.1414292125	14	15	.4789916910	15	2	.1519141032	2	8	.1582668823	12
7	.1049380516	7	m	N(16,m)		15	.2049504002	15	16	.9088228342	16	3	.4312862525	3	9	.4800472222	13
8	.6118887309	8	0	.2461829820	0	16	.2749698161	16	17	.1645948157	17	4	.3219861735	4	10	.1441740936	15
9	.2596024026	8	1	.4060153751	1	17	.3345152										