

Numerical Table of Clebsch-Gordan Coefficients

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1962

1 Definition and Typical Applications

The Clebsch-Gordan coefficient (see part 4 for alternate names and notations) arises perhaps most fundamentally in the coupling together of two systems with angular momentum \vec{j}_1 and \vec{j}_2 respectively to form a composite system of angular momentum

$$\vec{j} = \vec{j}_1 + \vec{j}_2. \quad (1)$$

The axial components j_{1z} and j_{2z} of the two systems in the uncoupled representation are observables. Thus a complete set of commuting dynamical variables for the uncoupled representation is $\vec{j}_1 \cdot \vec{j}_1$, $\vec{j}_2 \cdot \vec{j}_2$, j_{1z} , j_{2z} , with corresponding eigenvalues $j_1(j_1 + 1)$, $j_2(j_2 + 1)$, m_1 , m_2 .

In the coupled representation, neither j_{1z} nor j_{2z} commute with $\vec{j} \cdot \vec{j}$ although their sum, $j_z = j_{1z} + j_{2z}$, does. So a complete set of observables for this case is $\vec{j} \cdot \vec{j}$, $\vec{j}_1 \cdot \vec{j}_1$, $\vec{j}_2 \cdot \vec{j}_2$, and j_z with respective eigenvalues $j(j + 1)$, $j_1(j_1 + 1)$, $j_2(j_2 + 1)$, and m .

An eigenstate $|j j_1 j_2 m\rangle$ in the coupled representation must be a linear combination of product eigenstates $|j_1 m_1\rangle |j_2 m_2\rangle$ of the uncoupled representation, subject to the proviso that

$$m_1 + m_2 = m \quad (2)$$

since (1) is a vector equation implying equality of each of the three components. Of course, the magnitude j must lie between $j_1 + j_2$ and $|j_1 - j_2|$ since the three vectors form the sides of a triangle. This latter stipulation is sometimes referred to⁽¹⁾ by the symbol $\Delta(j_1 j_2 j)$.

This linear combination, then, may be written as

$$|j j_1 j_2 m\rangle = \sum_{m_1, m_2} C(j_1 j_2 j; m_1 m_2 m) |j_1 m_1\rangle |j_2 m_2\rangle. \quad (3)$$

The amplitudes $C(j_1 j_2 j; m_1 m_2 m)$ are called the Clebsch-Gordan coefficients. They vanish unless the following conditions are met:

$$\Delta(j_1 j_2 j), \quad m_1 + m_2 = m, \quad |m_1| \leq j_1, \quad |m_2| \leq j_2, \quad |m| \leq j. \quad (4)$$

A very common application arises in the integration of products of spherical harmonics^(1,2) $Y_{\ell m}$. Specifically,

$$\oint Y_{\ell' m'}^* Y_{LM} Y_{\ell m} d\Omega = \sqrt{\frac{(2\ell+1)(2L+1)}{4\pi(2\ell'+1)}} C(\ell L \ell'; m M m') C(\ell L \ell'; 0 0 0). \quad (5)$$

For any operator $F_{LM} = \alpha Y_{LM}$, then, its matrix element between states $|\ell m\rangle$ and $|\ell' m'\rangle$ (with ℓ, L, ℓ' integral) is

$$\langle \ell' m' | F_{LM} | \ell m \rangle = \alpha \sqrt{\frac{(2\ell+1)(2L+1)}{4\pi(2\ell'+1)}} C(\ell L \ell'; m M m') C(\ell L \ell'; 0 0 0). \quad (6)$$

For coupled states $|\ell' m'\rangle$ where $\bar{j} = \bar{\ell} + \bar{s}$ ($s = 1/2$), the following relation can also be shown to be true:

$$\langle j' m' | F_{LM} | j m \rangle = \alpha \sqrt{\frac{(2j+1)(2L+1)}{4\pi(2j'+1)}} C(j L j'; m M m') C(j L j'; -\frac{1}{2} 0 -\frac{1}{2}) \quad (7)$$

This bears a superficial similarity to (6) but applies to quite a different situation.

2 Explicit Formulas

An explicit formula for the Clebsch-Gordan coefficient has been derived by Racah⁽³⁾:

$$\begin{aligned} C(j_1 j_2 j_3; m_1 m_2 m_3) &= \delta_{m_1+m_2, m_3} \sqrt{(2j_3+1)/(j_1+j_2+j_3+1)!} \\ &\times \sqrt{(j_1+j_2-j_3)! (j_2+j_3-j_1)! (j_3+j_1-j_2)!} \\ &\times \sqrt{(j_1+m_1)! (j_1-m_1)! (j_2+m_2)! (j_2-m_2)! (j_3+m_3)! (j_3-m_3)!} \\ &\times \sum_k \{ (-1)^k / [(j_1+j_2-j_3-k)! (j_3-j_1-m_2+k)! \\ &\times (j_3-j_2+m_1+k)! (j_1-m_1-k)! (j_2+m_2-k)! k!] \} \end{aligned} \quad (8)$$

Terms in the sum vanish unless all factorial arguments in the term are non-negative. This limits the range of k to a finite set of values. (In practice, all terms but one or two vanish.)

An elegant derivation of this formula has been given by Sharp⁽⁵⁾.

Other explicit formulas exist^(1,4) but are of lower symmetry than (8).

If one of the arguments be fixed in value, however, the formula simplifies considerably. Along this line the following algebraic tables have been published:

$j_2 = 1/2, 1$: Rose⁽¹⁾, Wigner⁽⁶⁾.

$j_2 = 1/2$ to 2 : Condon and Shortley⁽²⁾.

$j_2 = 5/2$: Saito and Morita⁽⁷⁾, Melvin and Swamy⁽⁴⁾.

$j_2 = 3$: Falkoff *et al.*⁽⁸⁾.

$j_2 = 7/2$ to 5, and also
 $j_1 + j_2 - |m_3| = 1$ to 3: Shimpuku⁽⁹⁾.

Numerical tables also exist. These fall into two categories:

a) Square roots of rational numbers:

$j_1 = 1/2, j_2 = 1/2$ to $7/2$;
 $j_1 = 1, j_2 = 1/2$ to $5/2$;
 $j_1 = 3/2, j_2 = 3/2, 2$;
 $j_1 = j_2 = 2$: Heine⁽¹⁰⁾.

$j_1 = 5, j_2 = 1/2$ to 6;
 $j_1 = 11/2, j_2 = 1/2$ to 6;
 $j_1 = 6, j_2 = 1/2$ to 6: Shimpuku⁽⁹⁾.

b) Decimal numbers:

$j_3 = 1$ to $9/2$ (10 decimal places): Simon⁽¹¹⁾.
 $j_1, j_3 = 1/2$ to 10, $j_2 = 1$ to 6 in integral steps
(7 decimal places): the present work.

3 Symmetry Relations and Other Properties

Using (8) the following relations can be derived:

$$C(j_1 j_2 j_3; m_1 m_2 m_3) = (-1)^{j_1+j_2-j_3} C(j_1 j_2 j_3; -m_1 -m_2 -m_3) \quad (9)$$

$$= (-1)^{j_1+j_2-j_3} C(j_2 j_1 j_3; m_2 m_1 m_3) \quad (10)$$

$$= (-1)^{j_1-m_1} \sqrt{\frac{2j_3+1}{2j_2+1}} C(j_1 j_3 j_2; m_1 -m_3 -m_2) \quad (11)$$

$$= (-1)^{j_2+m_2} \sqrt{\frac{2j_3+1}{2j_1+1}} C(j_3 j_2 j_1; -m_3 m_2 -m_1) \quad (12)$$

$$= (-1)^{j_1-m_1} \sqrt{\frac{2j_3+1}{2j_2+1}} C(j_3 j_1 j_2; m_3 -m_1 m_2) \quad (13)$$

$$= (-1)^{j_2+m_2} \sqrt{\frac{2j_3+1}{2j_1+1}} C(j_2 j_3 j_1; -m_2 m_3 m_1) \quad (14)$$

Also, if ℓ_1, ℓ_2, ℓ_3 be integers,

$$C(\ell_1 \ell_2 \ell_3; 0 0 0) = 0 \quad \text{unless } \ell_1 + \ell_2 + \ell_3 \text{ be even} \quad (15)$$

and, finally,

$$C(j_1 0 j_3; m_1 0 m_3) = \delta_{j_1 j_3} \delta_{m_1 m_3}. \quad (16)$$

4 Alternative Names and Notations; Related Quantities

The Clebsch-Gordan coefficient is variously called the Wigner coefficient, the C -coefficient and the vector-coupling coefficient.

Some other notations for the coefficient are as follows:

Condon and Shorley⁽²⁾: $(j_1 j_2 j_3 m_3 | j_1 j_2 m_1 m_2)$, $(j_3 m_3 | m_1 m_2)$, $(j_1 j_2 j_3 m_3 | j_1 m_1 j_2 m_2)$, $(j_1 m_1 j_2 m_2 | j_1 j_2 j_3 m_3)$. All these are very common in current literature.

Rose⁽¹⁾: $C(j_1 j_2 j_3; m_1 m_2)$.

Landau and Lifshitz⁽¹²⁾: $C_{m_1 m_2}^{j_3}$.

Blatt and Weisskopf⁽¹³⁾: $C_{j_1 j_2}(j_3, m_3; m_1, m_2)$.

Wigner⁽⁶⁾: $s_{j_3 m_1 m_2}^{(j_1 j_2)}$.

Other notations can be found summarized in a table in Edmonds⁽¹⁴⁾.

Related to the Clebsch-Gordan coefficient is Racah's V -coefficient

$$V(j_1 j_2 j_3; m_1 m_2 m_3) = (-1)^{j_3 - m_3} (2j_3 + 1)^{-1/2} C(j_1 j_2 j_3; m_1 m_2 m_3), \quad (17)$$

and Wigner's 3-j symbol^(6,14):

$$\begin{pmatrix} j_1 & j_2 & j_3 \\ m_1 & m_2 & m_3 \end{pmatrix} = (-1)^{j_1 - j_2 - m_3} (2j_3 + 1)^{-1/2} C(j_1 j_2 j_3; m_1 m_2 m_3). \quad (18)$$

5 Method of Calculation and Arrangement of Table.

The IBM-650 program used in computing this table was originally written as a subroutine for evaluating matrix elements that arise in electromagnetic transitions. The calculation is carried out using Racah's formula (8) and is discussed more fully in an Appendix.

Accuracy of the values is probably about one part in the last place ($\pm 10^{-7}$).

The tables were computed using this subroutine and a set of commands to increment the arguments and arrange the output format. *All those sets of arguments which do not fulfill the requirements (4) yield zero coefficients are omitted from the table.*

The arrangement of the table is as follows:

$$\begin{aligned} j_2 &= 1 \text{ to } 6 \text{ (in integral steps)} \\ j_1 &= 1/2 \text{ to } 10 \\ j_3 &= |j_1 - j_2| \text{ to } \min(j_1 + j_2, 10) \\ m_2 &= 0 \text{ or } 1/2 \text{ to } j_2 \\ m_1 &= -j_1 \text{ to } j_1. \end{aligned}$$

The most indented argument varies the most rapidly.

At the top of each page j_2 is listed. A new page is begun if j_2 changes its value. In each column the current value of j_1 is also tabulated. Arguments j_3 , m_1 , m_2 are shown for each entry; m_3 is not shown, being in every case $m_1 + m_2$.

C is the coefficient corresponding to the arguments. It is to be noted that only values for $m_2 \geq 0$ are shown. For negative m_2 , symmetry relation (9) may be used, while if it is desired that j_2 be half-integral, relation (10) may be used. In either case, the required change does not alter the magnitude of the coefficient; the sign changes if the sign under S is $-$, it remains unchanged if S is $+$. S is just the factor $(-1)^{j_1+j_2-j_3}$.

No values are given for $j_2 = 0$ since relation (16) can be used here.

References

1. M.E. Rose, *Elementary Theory of Angular Momentum* (John Wiley and Sons, 1955).
2. E.U. Condon and G.H. Shortley, *Theory of Atomic Spectra* (Cambridge University Press, 1935).
3. G. Racah, *Phys. Rev.*, **62**, 438 (1942).
4. M.A. Melvin and N.V.V.J. Swamy, *Phys. Rev.*, **107**, 186 (1957).
5. R.T. Sharp, *Am. J. Phys.*, **28**, 16 (1960).
6. E.P. Wigner, *Group Theory* (Academic Press, 1959).
7. R. Saito and M. Morita, *Prog. Theo. Phys.* (Japan) **13**, 540 (1955).
8. D.L. Falkoff *et al.*, *Can. J. Phys.*, **30**, 253 (1952).
9. T. Shimpuku, *Suppl. Prog. Theo. Phys.* (Japan) **13**, 1 (1960).
10. V. Heine, *Group Theory in Quatum Mechanics* (Pergamon Press, 1960).
11. A. Simon, *Numerical Table of Chebsch-Gordan Coefficients*, Oak Ridge National Laboratory Report ORNL-1718 (1954, unpublished).
12. L.D. Landau and E.M. Lifshitz, *Quantum Mechanics, Non-Relativistic Theory* tranlated by J.B. Sykes and J.S. Bell (Addison-Wesley Publishing Company, 1958).
13. J.J. Blatt and V.F. Weisskopf, *Theoretical Nuclear Physics* (John Wiley and Sons, 1952).
14. A.R. Edmonds, *Angular Momentum in Quantum Mechanics* (Princeton University Press, 1957).

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 0					5/2	1/2	1	0.7745967 +	
					5/2	3/2	1	1.0000000 +	
1	0	0	1.0000000 +		J1 = 2				
1	0	1	1.0000000 +						
J1 = 1/2					1	-1	0	-0.5477226 +	
					1	0	0	-0.6324555 +	
1/2	-1/2	0	-0.5773503 -		1	1	0	-0.5477226 +	
1/2	1/2	0	0.5773503 -		1	-2	1	0.7745967 +	
1/2	-1/2	1	-0.8164966 -		1	-1	1	0.5477226 +	
3/2	-1/2	0	0.8164966 +		1	0	1	0.3162278 +	
3/2	1/2	0	0.8164966 +		2	-2	0	-0.8164966 -	
3/2	-1/2	1	0.5773503 +		2	-1	0	-0.4082483 -	
3/2	1/2	1	1.0000000 +		2	0	0	0.0000000 -	
J1 = 1					2	1	0	0.4082483 -	
					2	2	0	0.8164966 -	
0	0	0	-0.5773503 +		2	-2	1	-0.5773503 -	
0	-1	1	0.5773503 +		2	-1	1	-0.7071068 -	
1	-1	0	-0.7071068 -		2	0	1	-0.7071068 -	
1	0	0	0.0000000 -		2	1	1	-0.5773503 -	
1	1	0	0.7071068 -		3	-2	0	0.5773503 +	
1	-1	1	-0.7071068 -		3	-1	0	0.7302967 +	
1	0	1	-0.7071068 -		3	0	0	0.7745967 +	
2	-1	0	0.7071068 +		3	1	0	0.7302967 +	
2	0	0	0.8164966 +		3	2	0	0.5773503 +	
2	1	0	0.7071068 +		3	-2	1	0.2581989 +	
2	-1	1	0.4082483 +		3	-1	1	0.4472136 +	
2	0	1	0.7071068 +		3	0	1	0.6324555 +	
2	1	1	1.0000000 +		3	1	1	0.8164966 +	
					3	2	1	1.0000000 +	
J1 = 3/2					J1 = 5/2				
1/2	-1/2	0	-0.5773503 +		3/2	-3/2	0	-0.5163978 +	
1/2	1/2	0	-0.5773503 +		3/2	-1/2	0	-0.6324555 +	
1/2	-3/2	1	0.7071068 +		3/2	1/2	0	-0.6324555 +	
1/2	-1/2	1	0.4082483 +		3/2	3/2	0	-0.5163978 +	
3/2	-3/2	0	-0.7745967 -		3/2	-5/2	1	0.8164966 +	
3/2	-1/2	0	-0.2581989 -		3/2	-3/2	1	0.6324555 +	
3/2	1/2	0	0.2581989 -		3/2	-1/2	1	0.4472136 +	
3/2	3/2	0	0.7745967 -		3/2	1/2	1	0.2581989 +	
3/2	-3/2	1	-0.6324555 -		5/2	-5/2	0	-0.8451543 -	
3/2	-1/2	1	-0.7302967 -		5/2	-3/2	0	-0.5070926 -	
3/2	1/2	1	-0.6324555 -		5/2	-1/2	0	-0.1690309 -	
5/2	-3/2	0	0.6324555 +		5/2	1/2	0	0.1690309 -	
5/2	-1/2	0	0.7745967 +		5/2	3/2	0	0.5070926 -	
5/2	1/2	0	0.7745967 +		5/2	5/2	0	0.8451543 -	
5/2	3/2	0	0.6324555 +		5/2	-5/2	1	-0.5345225 -	
5/2	-3/2	1	0.3162278 +		5/2	-3/2	1	-0.6761234 -	
5/2	-1/2	1	0.5477226 +		5/2	-1/2	1	-0.7171372 -	

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					4	-2	1	0.3273268 +	
					4	-1	1	0.4629100 +	
5/2	1/2	1	-0.6761234 -		4	0	1	0.5976143 +	
5/2	3/2	1	-0.5345225 -		4	1	1	0.7319251 +	
7/2	-5/2	0	0.5345225 +		4	2	1	0.8660254 +	
7/2	-3/2	0	0.6900656 +		4	3	1	1.0000000 +	
7/2	-1/2	0	0.7559289 +		J1 = 7/2				
7/2	1/2	0	0.7559289 +		5/2	-5/2	0	-0.4629100 +	
7/2	3/2	0	0.6900656 +		5/2	-3/2	0	-0.5976143 +	
7/2	5/2	0	0.5345225 +		5/2	-1/2	0	-0.6546537 +	
7/2	-5/2	1	0.2182179 +		5/2	1/2	0	-0.6546537 +	
7/2	-3/2	1	0.3779645 +		5/2	3/2	0	-0.5976143 +	
7/2	-1/2	1	0.5345225 +		5/2	5/2	0	-0.4629100 +	
7/2	1/2	1	0.6900656 +		5/2	-7/2	1	0.8660254 +	
7/2	3/2	1	0.8451543 +		5/2	-5/2	1	0.7319251 +	
7/2	5/2	1	1.0000000 +		5/2	-3/2	1	0.5976143 +	
J1 = 3					5/2	-1/2	1	0.4629100 +	
2	-2	0	-0.4879500 +		5/2	1/2	1	0.3273268 +	
2	-1	0	-0.6172134 +		5/2	3/2	1	0.1889822 +	
2	0	0	-0.6546537 +		7/2	-7/2	0	-0.8819171 -	
2	1	0	-0.6172134 +		7/2	-5/2	0	-0.6299408 -	
2	2	0	-0.4879500 +		7/2	-3/2	0	-0.3779645 -	
2	-3	1	0.8451543 +		7/2	-1/2	0	-0.1259882 -	
2	-2	1	0.6900656 +		7/2	1/2	0	0.1259882 -	
2	-1	1	0.5345225 +		7/2	3/2	0	0.3779645 -	
2	0	1	0.3779645 +		7/2	5/2	0	0.6299408 -	
2	1	1	0.2182179 +		7/2	7/2	0	0.8819171 -	
3	-3	0	-0.8660254 -		7/2	-7/2	1	-0.4714045 -	
3	-2	0	-0.5773503 -		7/2	-5/2	1	-0.6172134 -	
3	-1	0	-0.2886751 -		7/2	-3/2	1	-0.6900656 -	
3	0	0	0.0000000 -		7/2	-1/2	1	-0.7126966 -	
3	1	0	0.2886751 -		7/2	1/2	1	-0.6900656 -	
3	2	0	0.5773503 -		7/2	3/2	1	-0.6172134 -	
3	3	0	0.8660254 -		7/2	5/2	1	-0.4714045 -	
3	-3	1	-0.5000000 -		9/2	-7/2	0	0.4714045 +	
3	-2	1	-0.6454972 -		9/2	-5/2	0	0.6236096 +	
3	-1	1	-0.7071068 -		9/2	-3/2	0	0.7071068 +	
3	0	1	-0.7071068 -		9/2	-1/2	0	0.7453560 +	
3	1	1	-0.6454972 -		9/2	1/2	0	0.7453560 +	
3	2	1	-0.5000000 -		9/2	3/2	0	0.7071068 +	
4	-3	0	0.5000000 +		9/2	5/2	0	0.6236096 +	
4	-2	0	0.6546537 +		9/2	7/2	0	0.4714045 +	
4	-1	0	0.7319251 +		9/2	-7/2	1	0.1666667 +	
4	0	0	0.7559289 +		9/2	-5/2	1	0.2886751 +	
4	1	0	0.7319251 +		9/2	-3/2	1	0.4082483 +	
4	2	0	0.6546537 +		9/2	-1/2	1	0.5270463 +	
4	3	0	0.5000000 +		9/2	1/2	1	0.6454972 +	
4	-3	1	0.1889822 +		9/2	3/2	1	0.7637626 +	

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					5	-1	1	0.4714045 +	
					5	0	1	0.5773503 +	
9/2	5/2	1	0.8819171 +		5	1	1	0.6831301 +	
9/2	7/2	1	1.0000000 +		5	2	1	0.7888106 +	
					5	3	1	0.8944272 +	
J1 = 4					5	4	1	1.0000000 +	
3	-3	0	-0.4409586 +		J1 = 9/2				
3	-2	0	-0.5773503 +						
3	-1	0	-0.6454972 +		7/2	-7/2	0	-0.4216370 +	
3	0	0	-0.6666667 +		7/2	-5/2	0	-0.5577734 +	
3	1	0	-0.6454972 +		7/2	-3/2	0	-0.6324555 +	
3	2	0	-0.5773503 +		7/2	-1/2	0	-0.6666667 +	
3	3	0	-0.4409586 +		7/2	1/2	0	-0.6666667 +	
3	-4	1	0.8819171 +		7/2	3/2	0	-0.6324555 +	
3	-3	1	0.7637626 +		7/2	5/2	0	-0.5577734 +	
3	-2	1	0.6454972 +		7/2	7/2	0	-0.4216370 +	
3	-1	1	0.5270463 +		7/2	-9/2	1	0.8944272 +	
3	0	1	0.4082483 +		7/2	-7/2	1	0.7888106 +	
3	1	1	0.2886751 +		7/2	-5/2	1	0.6831301 +	
3	2	1	0.1666667 +		7/2	-3/2	1	0.5773503 +	
4	-4	0	-0.8944272 -		7/2	-1/2	1	0.4714045 +	
4	-3	0	-0.6708204 -		7/2	1/2	1	0.3651484 +	
4	-2	0	-0.4472136 -		7/2	3/2	1	0.2581989 +	
4	-1	0	-0.2236068 -		7/2	5/2	1	0.1490712 +	
4	0	0	0.0000000 -		9/2	-9/2	0	-0.9045340 -	
4	1	0	0.2236068 -		9/2	-7/2	0	-0.7035265 -	
4	2	0	0.4472136 -		9/2	-5/2	0	-0.5025189 -	
4	3	0	0.6708204 -		9/2	-3/2	0	-0.3015113 -	
4	4	0	0.8944272 -		9/2	-1/2	0	-0.1005038 -	
4	-4	1	-0.4472136 -		9/2	1/2	0	0.1005038 -	
4	-3	1	-0.5916080 -		9/2	3/2	0	0.3015113 -	
4	-2	1	-0.6708204 -		9/2	5/2	0	0.5025189 -	
4	-1	1	-0.7071068 -		9/2	7/2	0	0.7035265 -	
4	0	1	-0.7071068 -		9/2	9/2	0	0.9045340 -	
4	1	1	-0.6708204 -		9/2	-9/2	1	-0.4264014 -	
4	2	1	-0.5916080 -		9/2	-7/2	1	-0.5685352 -	
4	3	1	-0.4472136 -		9/2	-5/2	1	-0.6513389 -	
5	-4	0	0.4472136 +		9/2	-3/2	1	-0.6963106 -	
5	-3	0	0.5962848 +		9/2	-1/2	1	-0.7106691 -	
5	-2	0	0.6831301 +		9/2	1/2	1	-0.6963106 -	
5	-1	0	0.7302967 +		9/2	3/2	1	-0.6513389 -	
5	0	0	0.7453560 +		9/2	5/2	1	-0.5685352 -	
5	1	0	0.7302967 +		9/2	7/2	1	-0.4264014 -	
5	2	0	0.6831301 +		11/2	-9/2	0	0.4264014 +	
5	3	0	0.5962848 +		11/2	-7/2	0	0.5720776 +	
5	4	0	0.4472136 +		11/2	-5/2	0	0.6605783 +	
5	-4	1	0.1490712 +		11/2	-3/2	0	0.7135061 +	
5	-3	1	0.2581989 +		11/2	-1/2	0	0.7385489 +	
5	-2	1	0.3651484 +		11/2	1/2	0	0.7385489 +	

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					5	-3	1	-0.6324555	-
					5	-2	1	-0.6831301	-
11/2	3/2	0	0.7135061	+	5	-1	1	-0.7071068	-
11/2	5/2	0	0.6605783	+	5	0	1	-0.7071068	-
11/2	7/2	0	0.5720776	+	5	1	1	-0.6831301	-
11/2	9/2	0	0.4264014	+	5	2	1	-0.6324555	-
11/2	-9/2	1	0.1348400	+	5	3	1	-0.5477226	-
11/2	-7/2	1	0.2335497	+	5	4	1	-0.4082483	-
11/2	-5/2	1	0.3302891	+	6	-5	0	0.4082483	+
11/2	-3/2	1	0.4264014	+	6	-4	0	0.5504819	+
11/2	-1/2	1	0.5222330	+	6	-3	0	0.6396021	+
11/2	1/2	1	0.6179144	+	6	-2	0	0.6963106	+
11/2	3/2	1	0.7135061	+	6	-1	0	0.7282191	+
11/2	5/2	1	0.8090398	+	6	0	0	0.7385489	+
11/2	7/2	1	0.9045340	+	6	1	0	0.7282191	+
11/2	9/2	1	1.0000000	+	6	2	0	0.6963106	+
					6	3	0	0.6396021	+
J1 = 5					6	4	0	0.5504819	+
					6	5	0	0.4082483	+
4	-4	0	-0.4045199	+	6	-5	1	0.1230915	+
4	-3	0	-0.5393599	+	6	-4	1	0.2132007	+
4	-2	0	-0.6179144	+	6	-3	1	0.3015113	+
4	-1	0	-0.6605783	+	6	-2	1	0.3892495	+
4	0	0	-0.6741999	+	6	-1	1	0.4767313	+
4	1	0	-0.6605783	+	6	0	1	0.5640761	+
4	2	0	-0.6179144	+	6	1	1	0.6513389	+
4	3	0	-0.5393599	+	6	2	1	0.7385489	+
4	4	0	-0.4045199	+	6	3	1	0.8257228	+
4	-5	1	0.9045340	+	6	4	1	0.9128709	+
4	-4	1	0.8090398	+	6	5	1	1.0000000	+
4	-3	1	0.7135061	+					
4	-2	1	0.6179144	+	J1 = 11/2				
4	-1	1	0.5222330	+					
4	0	1	0.4264014	+	9/2	-9/2	0	-0.3892495	+
4	1	1	0.3302891	+	9/2	-7/2	0	-0.5222330	+
4	2	1	0.2335497	+	9/2	-5/2	0	-0.6030227	+
4	3	1	0.1348400	+	9/2	-3/2	0	-0.6513389	+
5	-5	0	-0.9128709	-	9/2	-1/2	0	-0.6741999	+
5	-4	0	-0.7302967	-	9/2	1/2	0	-0.6741999	+
5	-3	0	-0.5477226	-	9/2	3/2	0	-0.6513389	+
5	-2	0	-0.3651484	-	9/2	5/2	0	-0.6030227	+
5	-1	0	-0.1825742	-	9/2	7/2	0	-0.5222330	+
5	0	0	0.0000000	-	9/2	9/2	0	-0.3892495	+
5	1	0	0.1825742	-	9/2	-11/2	1	0.9128709	+
5	2	0	0.3651484	-	9/2	-9/2	1	0.8257228	+
5	3	0	0.5477226	-	9/2	-7/2	1	0.7385489	+
5	4	0	0.7302967	-	9/2	-5/2	1	0.6513389	+
5	5	0	0.9128709	-	9/2	-3/2	1	0.5640761	+
5	-5	1	-0.4082483	-	9/2	-1/2	1	0.4767313	+
5	-4	1	-0.5477226	-	9/2	1/2	1	0.3892495	+

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					13/2	9/2	1	0.9198662 +	
					13/2	11/2	1	1.0000000 +	
9/2	3/2	1	0.3015113 +		J1 = 6				
9/2	5/2	1	0.2132007 +						
9/2	7/2	1	0.1230915 +						
11/2	-11/2	0	-0.9198662 -		5	-5	0	-0.3755338 +	
11/2	-9/2	0	-0.7526178 -		5	-4	0	-0.5063697 +	
11/2	-7/2	0	-0.5853694 -		5	-3	0	-0.5883484 +	
11/2	-5/2	0	-0.4181210 -		5	-2	0	-0.6405126 +	
11/2	-3/2	0	-0.2508726 -		5	-1	0	-0.6698641 +	
11/2	-1/2	0	-0.0836242 -		5	0	0	-0.6793662 +	
11/2	1/2	0	0.0836242 -		5	1	0	-0.6698641 +	
11/2	3/2	0	0.2508726 -		5	2	0	-0.6405126 +	
11/2	5/2	0	0.4181210 -		5	3	0	-0.5883484 +	
11/2	7/2	0	0.5853694 -		5	4	0	-0.5063697 +	
11/2	9/2	0	0.7526178 -		5	5	0	-0.3755338 +	
11/2	11/2	0	0.9198662 -		5	-6	1	0.9198662 +	
11/2	-11/2	1	-0.3922323 -		5	-5	1	0.8397191 +	
11/2	-9/2	1	-0.5288859 -		5	-4	1	0.7595545 +	
11/2	-7/2	1	-0.6145099 -		5	-3	1	0.6793662 +	
11/2	-5/2	1	-0.6689936 -		5	-2	1	0.5991447 +	
11/2	-3/2	1	-0.6996503 -		5	-1	1	0.5188745 +	
11/2	-1/2	1	-0.7095749 -		5	0	1	0.4385290 +	
11/2	1/2	1	-0.6996503 -		5	1	1	0.3580574 +	
11/2	3/2	1	-0.6689936 -		5	2	1	0.2773501 +	
11/2	5/2	1	-0.6145099 -		5	3	1	0.1961161 +	
11/2	7/2	1	-0.5288859 -		5	4	1	0.1132277 +	
11/2	9/2	1	-0.3922323 -		6	-6	0	-0.9258201 -	
13/2	-11/2	0	0.3922323 +		6	-5	0	-0.7715167 -	
13/2	-9/2	0	0.5310850 +		6	-4	0	-0.6172134 -	
13/2	-7/2	0	0.6201737 +		6	-3	0	-0.4629100 -	
13/2	-5/2	0	0.6793662 +		6	-2	0	-0.3086067 -	
13/2	-3/2	0	0.7161149 +		6	-1	0	-0.1543033 -	
13/2	-1/2	0	0.7337994 +		6	0	0	0.0000000 -	
13/2	1/2	0	0.7337994 +		6	1	0	0.1543033 -	
13/2	3/2	0	0.7161149 +		6	2	0	0.3086067 -	
13/2	5/2	0	0.6793662 +		6	3	0	0.4629100 -	
13/2	7/2	0	0.6201737 +		6	4	0	0.6172134 -	
13/2	9/2	0	0.5310850 +		6	5	0	0.7715167 -	
13/2	11/2	0	0.3922323 +		6	6	0	0.9258201 -	
13/2	-11/2	1	0.1132277 +		6	-6	1	-0.3779645 -	
13/2	-9/2	1	0.1961161 +		6	-5	1	-0.5117663 -	
13/2	-7/2	1	0.2773501 +		6	-4	1	-0.5976143 -	
13/2	-5/2	1	0.3580574 +		6	-3	1	-0.6546537 -	
13/2	-3/2	1	0.4385290 +		6	-2	1	-0.6900656 -	
13/2	-1/2	1	0.5188745 +		6	-1	1	-0.7071068 -	
13/2	1/2	1	0.5991447 +		6	0	1	-0.7071068 -	
13/2	3/2	1	0.6793662 +		6	1	1	-0.6900656 -	
13/2	5/2	1	0.7595545 +		6	2	1	-0.6546537 -	
13/2	7/2	1	0.8397191 +		6	3	1	-0.5976143 -	

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					11/2	-3/2	1	0.5547002 +	
					11/2	-1/2	1	0.4803845 +	
6	4	1	-0.5117663 -		11/2	1/2	1	0.4059990 +	
6	5	1	-0.3779645 -		11/2	3/2	1	0.3314968 +	
7	-6	0	0.3779645 +		11/2	5/2	1	0.2567763 +	
7	-5	0	0.5135526 +		11/2	7/2	1	0.1815683 +	
7	-4	0	0.6021938 +		11/2	9/2	1	0.1048285 +	
7	-3	0	0.6629935 +		13/2	-13/2	0	-0.9309493 -	
7	-2	0	0.7032108 +		13/2	-11/2	0	-0.7877264 -	
7	-1	0	0.7262730 +		13/2	-9/2	0	-0.6445034 -	
7	0	0	0.7337994 +		13/2	-7/2	0	-0.5012804 -	
7	1	0	0.7262730 +		13/2	-5/2	0	-0.3580574 -	
7	2	0	0.7032108 +		13/2	-3/2	0	-0.2148345 -	
7	3	0	0.6629935 +		13/2	-1/2	0	-0.0716115 -	
7	4	0	0.6021938 +		13/2	1/2	0	0.0716115 -	
7	5	0	0.5135526 +		13/2	3/2	0	0.2148345 -	
7	6	0	0.3779645 +		13/2	5/2	0	0.3580574 -	
7	-6	1	0.1048285 +		13/2	7/2	0	0.5012804 -	
7	-5	1	0.1815683 +		13/2	9/2	0	0.6445034 -	
7	-4	1	0.2567763 +		13/2	11/2	0	0.7877264 -	
7	-3	1	0.3314968 +		13/2	13/2	0	0.9309493 -	
7	-2	1	0.4059990 +		13/2	-13/2	1	-0.3651484 -	
7	-1	1	0.4803845 +		13/2	-11/2	1	-0.4961389 -	
7	0	1	0.5547002 +		13/2	-9/2	1	-0.5817745 -	
7	1	1	0.6289709 +		13/2	-7/2	1	-0.6405126 -	
7	2	1	0.7032108 +		13/2	-5/2	1	-0.6793662 -	
7	3	1	0.7774288 +		13/2	-3/2	1	-0.7016464 -	
7	4	1	0.8516306 +		13/2	-1/2	1	-0.7089176 -	
7	5	1	0.9258201 +		13/2	1/2	1	-0.7016464 -	
7	6	1	1.0000000 +		13/2	3/2	1	-0.6793662 -	
J1 = 13/2					13/2	5/2	1	-0.6405126 -	
					13/2	7/2	1	-0.5817745 -	
					13/2	9/2	1	-0.4961389 -	
11/2	-11/2	0	-0.3631365 +		13/2	11/2	1	-0.3651484 -	
11/2	-9/2	0	-0.4916892 +		15/2	-13/2	0	0.3651484 +	
11/2	-7/2	0	-0.5741693 +		15/2	-11/2	0	0.4976134 +	
11/2	-5/2	0	-0.6289709 +		15/2	-9/2	0	0.5855400 +	
11/2	-3/2	0	-0.6629935 +		15/2	-7/2	0	0.6473389 +	
11/2	-1/2	0	-0.6793662 +		15/2	-5/2	0	0.6900656 +	
11/2	1/2	0	-0.6793662 +		15/2	-3/2	0	0.7171372 +	
11/2	3/2	0	-0.6629935 +		15/2	-1/2	0	0.7302967 +	
11/2	5/2	0	-0.6289709 +		15/2	1/2	0	0.7302967 +	
11/2	7/2	0	-0.5741693 +		15/2	3/2	0	0.7171372 +	
11/2	9/2	0	-0.4916892 +		15/2	5/2	0	0.6900656 +	
11/2	11/2	0	-0.3631365 +		15/2	7/2	0	0.6473389 +	
11/2	-13/2	1	0.9258201 +		15/2	9/2	0	0.5855400 +	
11/2	-11/2	1	0.8516306 +		15/2	11/2	0	0.4976134 +	
11/2	-9/2	1	0.7774288 +		15/2	13/2	0	0.3651484 +	
11/2	-7/2	1	0.7032108 +		15/2	-13/2	1	0.0975900 +	
11/2	-5/2	1	0.6289709 +		15/2	-11/2	1	0.1690309 +	

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					7	0	0	0.0000000	-
					7	1	0	0.1336306	-
15/2	-9/2	1	0.2390457	+	7	2	0	0.2672612	-
15/2	-7/2	1	0.3086067	+	7	3	0	0.4008919	-
15/2	-5/2	1	0.3779645	+	7	4	0	0.5345225	-
15/2	-3/2	1	0.4472136	+	7	5	0	0.6681531	-
15/2	-1/2	1	0.5163978	+	7	6	0	0.8017837	-
15/2	1/2	1	0.5855400	+	7	7	0	0.9354143	-
15/2	3/2	1	0.6546537	+	7	-7	1	-0.3535534	-
15/2	5/2	1	0.7237469	+	7	-6	1	-0.4818121	-
15/2	7/2	1	0.7928250	+	7	-5	1	-0.5669467	-
15/2	9/2	1	0.8618916	+	7	-4	1	-0.6267832	-
15/2	11/2	1	0.9309493	+	7	-3	1	-0.6681531	-
15/2	13/2	1	1.0000000	+	7	-2	1	-0.6943651	-
J1 = 7					7	-1	1	-0.7071068	-
					7	0	1	-0.7071068	-
					7	1	1	-0.6943651	-
6	-6	0	-0.3518658	+	7	2	1	-0.6681531	-
6	-5	0	-0.4780914	+	7	3	1	-0.6267832	-
6	-4	0	-0.5606119	+	7	4	1	-0.5669467	-
6	-3	0	-0.6172134	+	7	5	1	-0.4818121	-
6	-2	0	-0.6546537	+	7	6	1	-0.3535534	-
6	-1	0	-0.6761234	+	8	-7	0	0.3535534	+
6	0	0	-0.6831301	+	8	-6	0	0.4830459	+
6	1	0	-0.6761234	+	8	-5	0	0.5700877	+
6	2	0	-0.6546537	+	8	-4	0	0.6324555	+
6	3	0	-0.6172134	+	8	-3	0	0.6770032	+
6	4	0	-0.5606119	+	8	-2	0	0.7071068	+
6	5	0	-0.4780914	+	8	-1	0	0.7245688	+
6	6	0	-0.3518658	+	8	0	0	0.7302967	+
6	-7	1	0.9309493	+	8	1	0	0.7245688	+
6	-6	1	0.8618916	+	8	2	0	0.7071068	+
6	-5	1	0.7928250	+	8	3	0	0.6770032	+
6	-4	1	0.7237469	+	8	4	0	0.6324555	+
6	-3	1	0.6546537	+	8	5	0	0.5700877	+
6	-2	1	0.5855400	+	8	6	0	0.4830459	+
6	-1	1	0.5163978	+	8	7	0	0.3535534	+
6	0	1	0.4472136	+	8	-7	1	0.0912871	+
6	1	1	0.3779645	+	8	-6	1	0.1581139	+
6	2	1	0.3086067	+	8	-5	1	0.2236068	+
6	3	1	0.2390457	+	8	-4	1	0.2886751	+
6	4	1	0.1690309	+	8	-3	1	0.3535534	+
6	5	1	0.0975900	+	8	-2	1	0.4183300	+
7	-7	0	-0.9354143	-	8	-1	1	0.4830459	+
7	-6	0	-0.8017837	-	8	0	1	0.5477226	+
7	-5	0	-0.6681531	-	8	1	1	0.6123724	+
7	-4	0	-0.5345225	-	8	2	1	0.6770032	+
7	-3	0	-0.4008919	-	8	3	1	0.7416198	+
7	-2	0	-0.2672612	-	8	4	1	0.8062258	+
7	-1	0	-0.1336306	-	8	5	1	0.8708234	+

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					15/2	15/2	0	0.9393364	-
					15/2	-15/2	1	-0.3429972	-
8	6	1	0.9354143	+	15/2	-13/2	1	-0.4686233	-
8	7	1	1.0000000	+	15/2	-11/2	1	-0.5530663	-
					15/2	-9/2	1	-0.6135720	-
J1 = 15/2					15/2	-7/2	1	-0.6567896	-
					15/2	-5/2	1	-0.6859943	-
13/2	-13/2	0	-0.3415650	+	15/2	-3/2	1	-0.7029350	-
13/2	-11/2	0	-0.4654747	+	15/2	-1/2	1	-0.7084919	-
13/2	-9/2	0	-0.5477226	+	15/2	1/2	1	-0.7029350	-
13/2	-7/2	0	-0.6055301	+	15/2	3/2	1	-0.6859943	-
13/2	-5/2	0	-0.6454972	+	15/2	5/2	1	-0.6567896	-
13/2	-3/2	0	-0.6708204	+	15/2	7/2	1	-0.6135720	-
13/2	-1/2	0	-0.6831301	+	15/2	9/2	1	-0.5530663	-
13/2	1/2	0	-0.6831301	+	15/2	11/2	1	-0.4686233	-
13/2	3/2	0	-0.6708204	+	15/2	13/2	1	-0.3429972	-
13/2	5/2	0	-0.6454972	+	17/2	-15/2	0	0.3429972	+
13/2	7/2	0	-0.6055301	+	17/2	-13/2	0	0.4696682	+
13/2	9/2	0	-0.5477226	+	17/2	-11/2	0	0.5557189	+
13/2	11/2	0	-0.4654747	+	17/2	-9/2	0	0.6183469	+
13/2	13/2	0	-0.3415650	+	17/2	-7/2	0	0.6642112	+
13/2	-15/2	1	0.9354143	+	17/2	-5/2	0	0.6966305	+
13/2	-13/2	1	0.8708234	+	17/2	-3/2	0	0.7174301	+
13/2	-11/2	1	0.8062258	+	17/2	-1/2	0	0.7276069	+
13/2	-9/2	1	0.7416198	+	17/2	1/2	0	0.7276069	+
13/2	-7/2	1	0.6770032	+	17/2	3/2	0	0.7174301	+
13/2	-5/2	1	0.6123724	+	17/2	5/2	0	0.6966305	+
13/2	-3/2	1	0.5477226	+	17/2	7/2	0	0.6642112	+
13/2	-1/2	1	0.4830459	+	17/2	9/2	0	0.6183469	+
13/2	1/2	1	0.4183300	+	17/2	11/2	0	0.5557189	+
13/2	3/2	1	0.3535534	+	17/2	13/2	0	0.4696682	+
13/2	5/2	1	0.2886751	+	17/2	15/2	0	0.3429972	+
13/2	7/2	1	0.2236068	+	17/2	-15/2	1	0.0857493	+
13/2	9/2	1	0.1581139	+	17/2	-13/2	1	0.1485221	+
13/2	11/2	1	0.0912871	+	17/2	-11/2	1	0.2100420	+
15/2	-15/2	0	-0.9393364	-	17/2	-9/2	1	0.2711631	+
15/2	-13/2	0	-0.8140916	-	17/2	-7/2	1	0.3321056	+
15/2	-11/2	0	-0.6888467	-	17/2	-5/2	1	0.3929526	+
15/2	-9/2	0	-0.5636019	-	17/2	-3/2	1	0.4537426	+
15/2	-7/2	0	-0.4383570	-	17/2	-1/2	1	0.5144958	+
15/2	-5/2	0	-0.3131121	-	17/2	1/2	1	0.5752237	+
15/2	-3/2	0	-0.1878673	-	17/2	3/2	1	0.6359338	+
15/2	-1/2	0	-0.0626224	-	17/2	5/2	1	0.6966305	+
15/2	1/2	0	0.0626224	-	17/2	7/2	1	0.7573172	+
15/2	3/2	0	0.1878673	-	17/2	9/2	1	0.8179961	+
15/2	5/2	0	0.3131121	-	17/2	11/2	1	0.8786688	+
15/2	7/2	0	0.4383570	-	17/2	13/2	1	0.9393364	+
15/2	9/2	0	0.5636019	-	17/2	15/2	1	1.0000000	+
15/2	11/2	0	0.6888467	-					
15/2	13/2	0	0.8140916	-					

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					8	-7	1	-0.4564355	-
					8	-6	1	-0.5400617	-
7	-7	0	-0.3321056	+	8	-5	1	-0.6009252	-
7	-6	0	-0.4537426	+	8	-4	1	-0.6454972	-
7	-5	0	-0.5355042	+	8	-3	1	-0.6770032	-
7	-4	0	-0.5940885	+	8	-2	1	-0.6972167	-
7	-3	0	-0.6359338	+	8	-1	1	-0.7071068	-
7	-2	0	-0.6642112	+	8	0	1	-0.7071068	-
7	-1	0	-0.6806139	+	8	1	1	-0.6972167	-
7	0	0	-0.6859943	+	8	2	1	-0.6770032	-
7	1	0	-0.6806139	+	8	3	1	-0.6454972	-
7	2	0	-0.6642112	+	8	4	1	-0.6009252	-
7	3	0	-0.6359338	+	8	5	1	-0.5400617	-
7	4	0	-0.5940885	+	8	6	1	-0.4564355	-
7	5	0	-0.5355042	+	8	7	1	-0.3333333	-
7	6	0	-0.4537426	+	9	-8	0	0.3333333	+
7	7	0	-0.3321056	+	9	-7	0	0.4573296	+
7	-8	1	0.9393364	+	9	-6	0	0.5423261	+
7	-7	1	0.8786688	+	9	-5	0	0.6049901	+
7	-6	1	0.8179961	+	9	-4	0	0.6517949	+
7	-5	1	0.7573172	+	9	-3	0	0.6859943	+
7	-4	1	0.6966305	+	9	-2	0	0.7094138	+
7	-3	1	0.6359338	+	9	-1	0	0.7231015	+
7	-2	1	0.5752237	+	9	0	0	0.7276069	+
7	-1	1	0.5144958	+	9	1	0	0.7231015	+
7	0	1	0.4537426	+	9	2	0	0.7094138	+
7	1	1	0.3929526	+	9	3	0	0.6859943	+
7	2	1	0.3321056	+	9	4	0	0.6517949	+
7	3	1	0.2711631	+	9	5	0	0.6049901	+
7	4	1	0.2100420	+	9	6	0	0.5423261	+
7	5	1	0.1485221	+	9	7	0	0.4573296	+
7	6	1	0.0857493	+	9	8	0	0.3333333	+
8	-8	0	-0.9428090	-	9	-8	1	0.0808452	+
8	-7	0	-0.8249579	-	9	-7	1	0.1400280	+
8	-6	0	-0.7071068	-	9	-6	1	0.1980295	+
8	-5	0	-0.5892557	-	9	-5	1	0.2556550	+
8	-4	0	-0.4714045	-	9	-4	1	0.3131121	+
8	-3	0	-0.3535534	-	9	-3	1	0.3704793	+
8	-2	0	-0.2357023	-	9	-2	1	0.4277926	+
8	-1	0	-0.1178511	-	9	-1	1	0.4850713	+
8	0	0	0.0000000	-	9	0	1	0.5423261	+
8	1	0	0.1178511	-	9	1	1	0.5995641	+
8	2	0	0.2357023	-	9	2	1	0.6567896	+
8	3	0	0.3535534	-	9	3	1	0.7140055	+
8	4	0	0.4714045	-	9	4	1	0.7712141	+
8	5	0	0.5892557	-	9	5	1	0.8284169	+
8	6	0	0.7071068	-	9	6	1	0.8856149	+
8	7	0	0.8249579	-	9	7	1	0.9428090	+
8	8	0	0.9428090	-	9	8	1	1.0000000	+
8	-8	1	-0.3333333	-					

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					17/2	15/2	0	0.8346223	-
					17/2	17/2	0	0.9459053	-
15/2	-15/2	0	-0.3233808	+	17/2	-17/2	1	-0.3244428	-
15/2	-13/2	0	-0.4428074	+	17/2	-15/2	1	-0.4451319	-
15/2	-11/2	0	-0.5239368	+	17/2	-13/2	1	-0.5278615	-
15/2	-9/2	0	-0.5829831	+	17/2	-11/2	1	-0.5888542	-
15/2	-7/2	0	-0.6262243	+	17/2	-9/2	1	-0.6344106	-
15/2	-5/2	0	-0.6567896	+	17/2	-7/2	1	-0.6676979	-
15/2	-3/2	0	-0.6763995	+	17/2	-5/2	1	-0.6904927	-
15/2	-1/2	0	-0.6859943	+	17/2	-3/2	1	-0.7038153	-
15/2	1/2	0	-0.6859943	+	17/2	-1/2	1	-0.7082005	-
15/2	3/2	0	-0.6763995	+	17/2	1/2	1	-0.7038153	-
15/2	5/2	0	-0.6567896	+	17/2	3/2	1	-0.6904927	-
15/2	7/2	0	-0.6262243	+	17/2	5/2	1	-0.6676979	-
15/2	9/2	0	-0.5829831	+	17/2	7/2	1	-0.6344106	-
15/2	11/2	0	-0.5239368	+	17/2	9/2	1	-0.5888542	-
15/2	13/2	0	-0.4428074	+	17/2	11/2	1	-0.5278615	-
15/2	15/2	0	-0.3233808	+	17/2	13/2	1	-0.4451319	-
15/2	-17/2	1	0.9428090	+	17/2	15/2	1	-0.3244428	-
15/2	-15/2	1	0.8856149	+	19/2	-17/2	0	0.3244428	+
15/2	-13/2	1	0.8284169	+	19/2	-15/2	0	0.4459040	+
15/2	-11/2	1	0.7712141	+	19/2	-13/2	0	0.5298129	+
15/2	-9/2	1	0.7140055	+	19/2	-11/2	0	0.5923489	+
15/2	-7/2	1	0.6567896	+	19/2	-9/2	0	0.6398099	+
15/2	-5/2	1	0.5995641	+	19/2	-7/2	0	0.6753816	+
15/2	-3/2	1	0.5423261	+	19/2	-5/2	0	0.7008766	+
15/2	-1/2	1	0.4850713	+	19/2	-3/2	0	0.7173701	+
15/2	1/2	1	0.4277926	+	19/2	-1/2	0	0.7254763	+
15/2	3/2	1	0.3704793	+	19/2	1/2	0	0.7254763	+
15/2	5/2	1	0.3131121	+	19/2	3/2	0	0.7173701	+
15/2	7/2	1	0.2556550	+	19/2	5/2	0	0.7008766	+
15/2	9/2	1	0.1980295	+	19/2	7/2	0	0.6753816	+
15/2	11/2	1	0.1400280	+	19/2	9/2	0	0.6398099	+
15/2	13/2	1	0.0808452	+	19/2	11/2	0	0.5923489	+
17/2	-17/2	0	-0.9459053	-	19/2	13/2	0	0.5298129	+
17/2	-15/2	0	-0.8346223	-	19/2	15/2	0	0.4459040	+
17/2	-13/2	0	-0.7233393	-	19/2	17/2	0	0.3244428	+
17/2	-11/2	0	-0.6120564	-	19/2	-17/2	1	0.0764719	+
17/2	-9/2	0	-0.5007734	-	19/2	-15/2	1	0.1324532	+
17/2	-7/2	0	-0.3894904	-	19/2	-13/2	1	0.1873172	+
17/2	-5/2	0	-0.2782074	-	19/2	-11/2	1	0.2418254	+
17/2	-3/2	0	-0.1669245	-	19/2	-9/2	1	0.2961744	+
17/2	-1/2	0	-0.0556415	-	19/2	-7/2	1	0.3504383	+
17/2	1/2	0	0.0556415	-	19/2	-5/2	1	0.4046513	+
17/2	3/2	0	0.1669245	-	19/2	-3/2	1	0.4588315	+
17/2	5/2	0	0.2782074	-	19/2	-1/2	1	0.5129892	+
17/2	7/2	0	0.3894904	-	19/2	1/2	1	0.5671309	+
17/2	9/2	0	0.5007734	-	19/2	3/2	1	0.6212607	+
17/2	11/2	0	0.6120564	-	19/2	5/2	1	0.6753816	+
17/2	13/2	0	0.7233393	-	19/2	7/2	1	0.7294955	+

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					9	-3	0	-0.3162278	-
					9	-2	0	-0.2108185	-
19/2	9/2	1	0.7836039	+	9	-1	0	-0.1054093	-
19/2	11/2	1	0.8377078	+	9	0	0	0.0000000	-
19/2	13/2	1	0.8918081	+	9	1	0	0.1054093	-
19/2	15/2	1	0.9459053	+	9	2	0	0.2108185	-
19/2	17/2	1	1.0000000	+	9	3	0	0.3162278	-
					9	4	0	0.4216370	-
J1 = 9					9	5	0	0.5270463	-
					9	6	0	0.6324555	-
8	-8	0	-0.3153018	+	9	7	0	0.7378648	-
8	-7	0	-0.4325905	+	9	8	0	0.8432740	-
8	-6	0	-0.5129892	+	9	9	0	0.9486833	-
8	-5	0	-0.5722634	+	9	-9	1	-0.3162278	-
8	-4	0	-0.6165363	+	9	-8	1	-0.4346135	-
8	-3	0	-0.6488857	+	9	-7	1	-0.5163978	-
8	-2	0	-0.6710383	+	9	-6	1	-0.5773503	-
8	-1	0	-0.6839856	+	9	-5	1	-0.6236096	-
8	0	0	-0.6882472	+	9	-4	1	-0.6582806	-
8	1	0	-0.6839856	+	9	-3	1	-0.6831301	-
8	2	0	-0.6710383	+	9	-2	1	-0.6992059	-
8	3	0	-0.6488857	+	9	-1	1	-0.7071068	-
8	4	0	-0.6165363	+	9	0	1	-0.7071068	-
8	5	0	-0.5722634	+	9	1	1	-0.6992059	-
8	6	0	-0.5129892	+	9	2	1	-0.6831301	-
8	7	0	-0.4325905	+	9	3	1	-0.6582806	-
8	8	0	-0.3153018	+	9	4	1	-0.6236096	-
8	-9	1	0.9459053	+	9	5	1	-0.5773503	-
8	-8	1	0.8918081	+	9	6	1	-0.5163978	-
8	-7	1	0.8377078	+	9	7	1	-0.4346135	-
8	-6	1	0.7836039	+	9	8	1	-0.3162278	-
8	-5	1	0.7294955	+	10	-9	0	0.3162278	+
8	-4	1	0.6753816	+	10	-8	0	0.4352858	+
8	-3	1	0.6212607	+	10	-7	0	0.5180937	+
8	-2	1	0.5671309	+	10	-6	0	0.5803810	+
8	-1	1	0.5129892	+	10	-5	0	0.6282809	+
8	0	1	0.4588315	+	10	-4	0	0.6649100	+
8	1	1	0.4046513	+	10	-3	0	0.6920602	+
8	2	1	0.3504383	+	10	-2	0	0.7108187	+
8	3	1	0.2961744	+	10	-1	0	0.7218398	+
8	4	1	0.2418254	+	10	0	0	0.7254763	+
8	5	1	0.1873172	+	10	1	0	0.7218398	+
8	6	1	0.1324532	+	10	2	0	0.7108187	+
8	7	1	0.0764719	+	10	3	0	0.6920602	+
9	-9	0	-0.9486833	-	10	4	0	0.6649100	+
9	-8	0	-0.8432740	-	10	5	0	0.6282809	+
9	-7	0	-0.7378648	-	10	6	0	0.5803810	+
9	-6	0	-0.6324555	-	10	7	0	0.5180937	+
9	-5	0	-0.5270463	-	10	8	0	0.4352858	+
9	-4	0	-0.4216370	-	10	9	0	0.3162278	+

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					17/2	-3/2	1	0.5380276 +	
					17/2	-1/2	1	0.4866643 +	
10	-9	1	0.0725476 +		17/2	1/2	1	0.4352858 +	
10	-8	1	0.1256562 +		17/2	3/2	1	0.3838859 +	
10	-7	1	0.1777047 +		17/2	5/2	1	0.3324550 +	
10	-6	1	0.2294157 +		17/2	7/2	1	0.2809757 +	
10	-5	1	0.2809757 +		17/2	9/2	1	0.2294157 +	
10	-4	1	0.3324550 +		17/2	11/2	1	0.1777047 +	
10	-3	1	0.3838859 +		17/2	13/2	1	0.1256562 +	
10	-2	1	0.4352858 +		17/2	15/2	1	0.0725476 +	
10	-1	1	0.4866643 +		19/2	-19/2	0	-0.9511897 -	
10	0	1	0.5380276 +		19/2	-17/2	0	-0.8510645 -	
10	1	1	0.5893797 +		19/2	-15/2	0	-0.7509393 -	
10	2	1	0.6407233 +		19/2	-13/2	0	-0.6508140 -	
10	3	1	0.6920602 +		19/2	-11/2	0	-0.5506888 -	
10	4	1	0.7433919 +		19/2	-9/2	0	-0.4505636 -	
10	5	1	0.7947194 +		19/2	-7/2	0	-0.3504383 -	
10	6	1	0.8460434 +		19/2	-5/2	0	-0.2503131 -	
10	7	1	0.8973646 +		19/2	-3/2	0	-0.1501879 -	
10	8	1	0.9486833 +		19/2	-1/2	0	-0.0500626 -	
10	9	1	1.0000000 +		19/2	1/2	0	0.0500626 -	
J1 = 19/2					19/2	3/2	0	0.1501879 -	
					19/2	5/2	0	0.2503131 -	
					19/2	7/2	0	0.3504383 -	
17/2	-17/2	0	-0.3077935 +		19/2	9/2	0	0.4505636 -	
17/2	-15/2	0	-0.4230217 +		19/2	11/2	0	0.5506888 -	
17/2	-13/2	0	-0.5026247 +		19/2	13/2	0	0.6508140 -	
17/2	-11/2	0	-0.5619515 +		19/2	15/2	0	0.7509393 -	
17/2	-9/2	0	-0.6069770 +		19/2	17/2	0	0.8510645 -	
17/2	-7/2	0	-0.6407233 +		19/2	19/2	0	0.9511897 -	
17/2	-5/2	0	-0.6649100 +		19/2	-19/2	1	-0.3086067 -	
17/2	-3/2	0	-0.6805570 +		19/2	-17/2	1	-0.4247954 -	
17/2	-1/2	0	-0.6882472 +		19/2	-15/2	1	-0.5056077 -	
17/2	1/2	0	-0.6882472 +		19/2	-13/2	1	-0.5663939 -	
17/2	3/2	0	-0.6805570 +		19/2	-11/2	1	-0.6131393 -	
17/2	5/2	0	-0.6649100 +		19/2	-9/2	1	-0.6488857 -	
17/2	7/2	0	-0.6407233 +		19/2	-7/2	1	-0.6753816 -	
17/2	9/2	0	-0.6069770 +		19/2	-5/2	1	-0.6936880 -	
17/2	11/2	0	-0.5619515 +		19/2	-3/2	1	-0.7044435 -	
17/2	13/2	0	-0.5026247 +		19/2	-1/2	1	-0.7079923 -	
17/2	15/2	0	-0.4230217 +		19/2	1/2	1	-0.7044435 -	
17/2	17/2	0	-0.3077935 +		19/2	3/2	1	-0.6936880 -	
17/2	-19/2	1	0.9486833 +		19/2	5/2	1	-0.6753816 -	
17/2	-17/2	1	0.8973646 +		19/2	7/2	1	-0.6488857 -	
17/2	-15/2	1	0.8460434 +		19/2	9/2	1	-0.6131393 -	
17/2	-13/2	1	0.7947194 +		19/2	11/2	1	-0.5663939 -	
17/2	-11/2	1	0.7433919 +		19/2	13/2	1	-0.5056077 -	
17/2	-9/2	1	0.6920602 +		19/2	15/2	1	-0.4247954 -	
17/2	-7/2	1	0.6407233 +		19/2	17/2	1	-0.3086067 -	
17/2	-5/2	1	0.5893797 +						

J2 = 1

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					10	0	0	0.0000000	-
					10	1	0	0.0953463	-
9	-9	0	-0.3007926	+	10	2	0	0.1906925	-
9	-8	0	-0.4140393	+	10	3	0	0.2860388	-
9	-7	0	-0.4928054	+	10	4	0	0.3813850	-
9	-6	0	-0.5520524	+	10	5	0	0.4767313	-
9	-5	0	-0.5976143	+	10	6	0	0.5720776	-
9	-4	0	-0.6324555	+	10	7	0	0.6674238	-
9	-3	0	-0.6582806	+	10	8	0	0.7627701	-
9	-2	0	-0.6761234	+	10	9	0	0.8581163	-
9	-1	0	-0.6866066	+	10	10	0	0.9534626	-
9	0	0	-0.6900656	+	10	-10	1	-0.3015113	-
9	1	0	-0.6866066	+	10	-9	1	-0.4156047	-
9	2	0	-0.6761234	+	10	-8	1	-0.4954337	-
9	3	0	-0.6582806	+	10	-7	1	-0.5559594	-
9	4	0	-0.6324555	+	10	-6	1	-0.6030227	-
9	5	0	-0.5976143	+	10	-5	1	-0.6396021	-
9	6	0	-0.5520524	+	10	-4	1	-0.6674238	-
9	7	0	-0.4928054	+	10	-3	1	-0.6875517	-
9	8	0	-0.4140393	+	10	-2	1	-0.7006490	-
9	9	0	-0.3007926	+	10	-1	1	-0.7071068	-
9	-10	1	0.9511897	+	10	0	1	-0.7071068	-
9	-9	1	0.9023778	+	10	1	1	-0.7006490	-
9	-8	1	0.8535640	+	10	2	1	-0.6875517	-
9	-7	1	0.8047478	+	10	3	1	-0.6674238	-
9	-6	1	0.7559289	+	10	4	1	-0.6396021	-
9	-5	1	0.7071068	+	10	5	1	-0.6030227	-
9	-4	1	0.6582806	+	10	6	1	-0.5559594	-
9	-3	1	0.6094494	+	10	7	1	-0.4954337	-
9	-2	1	0.5606119	+	10	8	1	-0.4156047	-
9	-1	1	0.5117663	+	10	9	1	-0.3015113	-
9	0	1	0.4629100	+					
9	1	1	0.4140393	+					
9	2	1	0.3651484	+					
9	3	1	0.3162278	+					
9	4	1	0.2672612	+					
9	5	1	0.2182179	+					
9	6	1	0.1690309	+					
9	7	1	0.1195229	+					
9	8	1	0.0690066	+					
10	-10	0	-0.9534626	-					
10	-9	0	-0.8581163	-					
10	-8	0	-0.7627701	-					
10	-7	0	-0.6674238	-					
10	-6	0	-0.5720776	-					
10	-5	0	-0.4767313	-					
10	-4	0	-0.3813850	-					
10	-3	0	-0.2860388	-					
10	-2	0	-0.1906925	-					
10	-1	0	-0.0953463	-					

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 0					1/2	-3/2	1	-0.3162278	-
					1/2	-1/2	1	0.5477226	-
2	0	0	1.0000000	+	1/2	-3/2	2	-0.6324555	-
2	0	1	1.0000000	+	3/2	-3/2	0	0.4472136	+
2	0	2	1.0000000	+	3/2	-1/2	0	-0.4472136	+
J1 = 1/2					3/2	1/2	0	-0.4472136	+
					3/2	3/2	0	0.4472136	+
					3/2	-3/2	1	0.6324555	+
3/2	-1/2	0	-0.6324555	-	3/2	-1/2	1	0.0000000	+
3/2	1/2	0	0.6324555	-	3/2	1/2	1	-0.6324555	+
3/2	-1/2	1	-0.7745967	-	3/2	-3/2	2	0.6324555	+
3/2	1/2	1	0.4472136	-	3/2	-1/2	2	0.6324555	+
3/2	-1/2	2	-0.8944272	-	5/2	-3/2	0	-0.7171372	-
5/2	-1/2	0	0.7745967	+	5/2	-1/2	0	-0.2927700	-
5/2	1/2	0	0.7745967	+	5/2	1/2	0	0.2927700	-
5/2	-1/2	1	0.6324555	+	5/2	3/2	0	0.7171372	-
5/2	1/2	1	0.8944272	+	5/2	-3/2	1	-0.6210590	-
5/2	-1/2	2	0.4472136	+	5/2	-1/2	1	-0.5976143	-
5/2	1/2	2	1.0000000	+	5/2	1/2	1	-0.1690309	-
J1 = 1					5/2	3/2	1	0.6546537	-
					5/2	-3/2	2	-0.4140393	-
					5/2	-1/2	2	-0.6761234	-
1	-1	0	0.3162278	+	5/2	1/2	2	-0.7559289	-
1	0	0	-0.6324555	+	7/2	-3/2	0	0.5345225	+
1	1	0	0.3162278	+	7/2	-1/2	0	0.7171372	+
1	-1	1	0.5477226	+	7/2	1/2	0	0.7171372	+
1	0	1	-0.5477226	+	7/2	3/2	0	0.5345225	+
1	-1	2	0.7745967	+	7/2	-3/2	1	0.3380617	+
2	-1	0	-0.7071068	-	7/2	-1/2	1	0.5855400	+
2	0	0	0.0000000	-	7/2	1/2	1	0.7559289	+
2	1	0	0.7071068	-	7/2	3/2	1	0.7559289	+
2	-1	1	-0.7071068	-	7/2	-3/2	2	0.1690309	+
2	0	1	-0.4082483	-	7/2	-1/2	2	0.3779645	+
2	1	1	0.5773503	-	7/2	1/2	2	0.6546537	+
2	-1	2	-0.5773503	-	7/2	3/2	2	1.0000000	+
2	0	2	-0.8164966	-	J1 = 2				
3	-1	0	0.6324555	+	0	0	0	0.4472136	+
3	0	0	0.7745967	+	0	-1	1	-0.4472136	+
3	1	0	0.6324555	+	0	-2	2	0.4472136	+
3	-1	1	0.4472136	+	1	-1	0	0.5477226	-
3	0	1	0.7302967	+	1	0	0	0.0000000	-
3	1	1	0.8164966	+	1	1	0	-0.5477226	-
3	-1	2	0.2581989	+	1	-2	1	-0.4472136	-
3	0	2	0.5773503	+	1	-1	1	0.3162278	-
3	1	2	1.0000000	+	1	0	1	0.5477226	-
J1 = 3/2					1	-2	2	-0.6324555	-
					1	-1	2	-0.4472136	-
1/2	-1/2	0	0.4472136	-	2	-2	0	0.5345225	+
1/2	1/2	0	-0.4472136	-					

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 2					1/2	-3/2	2	0.2581989	+
					3/2	-3/2	0	0.5855400	-
2	-1	0	-0.2672612	+	3/2	-1/2	0	0.2390457	-
2	0	0	-0.5345225	+	3/2	1/2	0	-0.2390457	-
2	1	0	-0.2672612	+	3/2	3/2	0	-0.5855400	-
2	2	0	0.5345225	+	3/2	-5/2	1	-0.5345225	-
2	-2	1	0.6546537	+	3/2	-3/2	1	0.1380131	-
2	-1	1	0.2672612	+	3/2	-1/2	1	0.4879500	-
2	0	1	-0.2672612	+	3/2	1/2	1	0.5070926	-
2	1	1	-0.6546537	+	3/2	-5/2	2	-0.6172134	-
2	-2	2	0.5345225	+	3/2	-3/2	2	-0.5520524	-
2	-1	2	0.6546537	+	3/2	-1/2	2	-0.3380617	-
2	0	2	0.5345225	+	5/2	-5/2	0	0.5976143	+
3	-2	0	-0.7071068	-	5/2	-3/2	0	-0.1195229	+
3	-1	0	-0.4472136	-	5/2	-1/2	0	-0.4780914	+
3	0	0	0.0000000	-	5/2	1/2	0	-0.4780914	+
3	1	0	0.4472136	-	5/2	3/2	0	-0.1195229	+
3	2	0	0.7071068	-	5/2	5/2	0	0.5976143	+
3	-2	1	-0.5477226	-	5/2	-5/2	1	0.6546537	+
3	-1	1	-0.6324555	-	5/2	-3/2	1	0.4140393	+
3	0	1	-0.4472136	-	5/2	-1/2	1	0.0000000	+
3	1	1	0.0000000	-	5/2	1/2	1	-0.4140393	+
3	2	1	0.7071068	-	5/2	3/2	1	-0.6546537	+
3	-2	2	-0.3162278	-	5/2	-5/2	2	0.4629100	+
3	-1	2	-0.5477226	-	5/2	-3/2	2	0.6210590	+
3	0	2	-0.7071068	-	5/2	-1/2	2	0.6210590	+
3	1	2	-0.7071068	-	5/2	1/2	2	0.4629100	+
4	-2	0	0.4629100	+	7/2	-5/2	0	-0.6900656	-
4	-1	0	0.6546537	+	7/2	-3/2	0	-0.5345225	-
4	0	0	0.7171372	+	7/2	-1/2	0	-0.1951800	-
4	1	0	0.6546537	+	7/2	1/2	0	0.1951800	-
4	2	0	0.4629100	+	7/2	3/2	0	0.5345225	-
4	-2	1	0.2672612	+	7/2	5/2	0	0.6900656	-
4	-1	1	0.4780914	+	7/2	-5/2	1	-0.4879500	-
4	0	1	0.6546537	+	7/2	-3/2	1	-0.6197798	-
4	1	1	0.7559289	+	7/2	-1/2	1	-0.5577734	-
4	2	1	0.7071068	+	7/2	1/2	1	-0.3086067	-
4	-2	2	0.1195229	+	7/2	3/2	1	0.1259882	-
4	-1	2	0.2672612	+	7/2	5/2	1	0.7453560	-
4	0	2	0.4629100	+	7/2	-5/2	2	-0.2519763	-
4	1	2	0.7071068	+	7/2	-3/2	2	-0.4507489	-
4	2	2	1.0000000	+	7/2	-1/2	2	-0.6172134	-
J1 = 5/2					7/2	1/2	2	-0.7126966	-
					7/2	3/2	2	-0.6666667	-
					9/2	-5/2	0	0.4082483	+
1/2	-1/2	0	0.4472136	+	9/2	-3/2	0	0.5976143	+
1/2	1/2	0	0.4472136	+	9/2	-1/2	0	0.6900656	+
1/2	-3/2	1	-0.5163978	+	9/2	1/2	0	0.6900656	+
1/2	-1/2	1	-0.3651484	+	9/2	3/2	0	0.5976143	+
1/2	-5/2	2	0.5773503	+	9/2	5/2	0	0.4082483	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					3	0	1	-0.1825742 +	
					3	1	1	-0.5000000 +	
9/2	-5/2	1	0.2182179 +		3	2	1	-0.6454972 +	
9/2	-3/2	1	0.3984095 +		3	-3	2	0.4082483 +	
9/2	-1/2	1	0.5634362 +		3	-2	2	0.5773503 +	
9/2	1/2	1	0.6900656 +		3	-1	2	0.6324555 +	
9/2	3/2	1	0.7453560 +		3	0	2	0.5773503 +	
9/2	5/2	1	0.6666667 +		3	1	2	0.4082483 +	
9/2	-5/2	2	0.0890871 +		4	-3	0	-0.6708204 -	
9/2	-3/2	2	0.1992048 +		4	-2	0	-0.5855400 -	
9/2	-1/2	2	0.3450328 +		4	-1	0	-0.3273268 -	
9/2	1/2	2	0.5270463 +		4	0	0	0.0000000 -	
9/2	3/2	2	0.7453560 +		4	1	0	0.3273268 -	
9/2	5/2	2	1.0000000 +		4	2	0	0.5855400 -	
J1 = 3					4	3	0	0.6708204 -	
					4	-3	1	-0.4391550 -	
					4	-2	1	-0.5916080 -	
1	-1	0	0.4140393 +		4	-1	1	-0.5976143 -	
1	0	0	0.5070926 +		4	0	1	-0.4629100 -	
1	1	0	0.4140393 +		4	1	1	-0.1889822 -	
1	-2	1	-0.5345225 +		4	2	1	0.2236068 -	
1	-1	1	-0.4780914 +		4	3	1	0.7745967 -	
1	0	1	-0.2927700 +		4	-3	2	-0.2070197 -	
1	-3	2	0.6546537 +		4	-2	2	-0.3779645 -	
1	-2	2	0.3779645 +		4	-1	2	-0.5345225 -	
1	-1	2	0.1690309 +		4	0	2	-0.6546537 -	
2	-2	0	0.5976143 -		4	1	2	-0.7071068 -	
2	-1	0	0.3779645 -		4	2	2	-0.6324555 -	
2	0	0	0.0000000 -		5	-3	0	0.3651484 +	
2	1	0	-0.3779645 -		5	-2	0	0.5477226 +	
2	2	0	-0.5976143 -		5	-1	0	0.6546537 +	
2	-3	1	-0.5976143 -		5	0	0	0.6900656 +	
2	-2	1	0.0000000 -		5	1	0	0.6546537 +	
2	-1	1	0.3779645 -		5	2	0	0.5477226 +	
2	0	1	0.5345225 -		5	3	0	0.3651484 +	
2	1	1	0.4629100 -		5	-3	1	0.1825742 +	
2	-3	2	-0.5976143 -		5	-2	1	0.3380617 +	
2	-2	2	-0.5976143 -		5	-1	1	0.4879500 +	
2	-1	2	-0.4629100 -		5	0	1	0.6172134 +	
2	0	2	-0.2672612 -		5	1	1	0.7071068 +	
3	-3	0	0.6454972 +		5	2	1	0.7302967 +	
3	-2	0	0.0000000 +		5	3	1	0.6324555 +	
3	-1	0	-0.3872983 +		5	-3	2	0.0690066 +	
3	0	0	-0.5163978 +		5	-2	2	0.1543033 +	
3	1	0	-0.3872983 +		5	-1	2	0.2672612 +	
3	2	0	0.0000000 +		5	0	2	0.4082483 +	
3	3	0	0.6454972 +		5	1	2	0.5773503 +	
3	-3	1	0.6454972 +		5	2	2	0.7745967 +	
3	-2	1	0.5000000 +		5	3	2	1.0000000 +	
3	-1	1	0.1825742 +						

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					7/2	1/2	2	0.5345225	+
					7/2	3/2	2	0.3651484	+
3/2	-3/2	0	0.3779645	+	9/2	-7/2	0	-0.6513389	-
3/2	-1/2	0	0.5070926	+	9/2	-5/2	0	-0.6154575	-
3/2	1/2	0	0.5070926	+	9/2	-3/2	0	-0.4187179	-
3/2	3/2	0	0.3779645	+	9/2	-1/2	0	-0.1471225	-
3/2	-5/2	1	-0.5345225	+	9/2	1/2	0	0.1471225	-
3/2	-3/2	1	-0.5345225	+	9/2	3/2	0	0.4187179	-
3/2	-1/2	1	-0.4140393	+	9/2	5/2	0	0.6154575	-
3/2	1/2	1	-0.2390457	+	9/2	7/2	0	0.6513389	-
3/2	-7/2	2	0.7071068	+	9/2	-7/2	1	-0.3988620	-
3/2	-5/2	2	0.4629100	+	9/2	-5/2	1	-0.5592589	-
3/2	-3/2	2	0.2672612	+	9/2	-3/2	1	-0.6048147	-
3/2	-1/2	2	0.1195229	+	9/2	-1/2	1	-0.5405625	-
5/2	-5/2	0	0.5976143	-	9/2	1/2	1	-0.3678062	-
5/2	-3/2	0	0.4629100	-	9/2	3/2	1	-0.0870388	-
5/2	-1/2	0	0.1690309	-	9/2	5/2	1	0.3015113	-
5/2	1/2	0	-0.1690309	-	9/2	7/2	1	0.7977240	-
5/2	3/2	0	-0.4629100	-	9/2	-7/2	2	-0.1740777	-
5/2	5/2	0	-0.5976143	-	9/2	-5/2	2	-0.3223292	-
5/2	-7/2	1	-0.6454972	-	9/2	-3/2	2	-0.4652421	-
5/2	-5/2	1	-0.1091089	-	9/2	-1/2	2	-0.5884899	-
5/2	-3/2	1	0.2672612	-	9/2	1/2	2	-0.6741999	-
5/2	-1/2	1	0.4830459	-	9/2	3/2	2	-0.6963106	-
5/2	1/2	1	0.5367450	-	9/2	5/2	2	-0.6030227	-
5/2	3/2	1	0.4225771	-	11/2	-7/2	0	0.3302891	+
5/2	-7/2	2	-0.5773503	-	11/2	-5/2	0	0.5045250	+
5/2	-5/2	2	-0.6172134	-	11/2	-3/2	0	0.6179144	+
5/2	-3/2	2	-0.5345225	-	11/2	-1/2	0	0.6741999	+
5/2	-1/2	2	-0.3903600	-	11/2	1/2	0	0.6741999	+
5/2	1/2	2	-0.2182179	-	11/2	3/2	0	0.6179144	+
7/2	-7/2	0	0.6831301	+	11/2	5/2	0	0.5045250	+
7/2	-5/2	0	0.0975900	+	11/2	7/2	0	0.3302891	+
7/2	-3/2	0	-0.2927700	+	11/2	-7/2	1	0.1556998	+
7/2	-1/2	0	-0.4879500	+	11/2	-5/2	1	0.2912876	+
7/2	1/2	0	-0.4879500	+	11/2	-3/2	1	0.4264014	+
7/2	3/2	0	-0.2927700	+	11/2	-1/2	1	0.5504819	+
7/2	5/2	0	0.0975900	+	11/2	1/2	1	0.6513389	+
7/2	7/2	0	0.6831301	+	11/2	3/2	1	0.7135061	+
7/2	-7/2	1	0.6324555	+	11/2	5/2	1	0.7135061	+
7/2	-5/2	1	0.5520524	+	11/2	7/2	1	0.6030227	+
7/2	-3/2	1	0.3086067	+	11/2	-7/2	2	0.0550482	+
7/2	-1/2	1	0.0000000	+	11/2	-5/2	2	0.1230915	+
7/2	1/2	1	-0.3086067	+	11/2	-3/2	2	0.2132007	+
7/2	3/2	1	-0.5520524	+	11/2	-1/2	2	0.3256695	+
7/2	5/2	1	-0.6324555	+	11/2	1/2	2	0.4605662	+
7/2	-7/2	2	0.3651484	+	11/2	3/2	2	0.6179144	+
7/2	-5/2	2	0.5345225	+	11/2	5/2	2	0.7977240	+
7/2	-3/2	2	0.6172134	+	11/2	7/2	2	1.0000000	+
7/2	-1/2	2	0.6172134	+					

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					4	0	1	-0.1395726	+
					4	1	1	-0.3972307	+
2	-2	0	0.3450328	+	4	2	1	-0.5838742	+
2	-1	0	0.4879500	+	4	3	1	-0.6179144	+
2	0	0	0.5345225	+	4	-4	2	0.3302891	+
2	1	0	0.4879500	+	4	-3	2	0.4954337	+
2	2	0	0.3450328	+	4	-2	2	0.5921565	+
2	-3	1	-0.5270463	+	4	-1	2	0.6241878	+
2	-2	1	-0.5634362	+	4	0	2	0.5921565	+
2	-1	1	-0.4879500	+	4	1	2	0.4954337	+
2	0	1	-0.3563483	+	4	2	2	0.3302891	+
2	1	1	-0.1992048	+	5	-4	0	-0.6324555	-
2	-4	2	0.7453560	+	5	-3	0	-0.6324555	-
2	-3	2	0.5270463	+	5	-2	0	-0.4830459	-
2	-2	2	0.3450328	+	5	-1	0	-0.2581989	-
2	-1	2	0.1992048	+	5	0	0	0.0000000	-
2	0	2	0.0890871	+	5	1	0	0.2581989	-
3	-3	0	0.5916080	-	5	2	0	0.4830459	-
3	-2	0	0.5163978	-	5	3	0	0.6324555	-
3	-1	0	0.2886751	-	5	4	0	0.6324555	-
3	0	0	0.0000000	-	5	-4	1	-0.3651484	-
3	1	0	-0.2886751	-	5	-3	1	-0.5270463	-
3	2	0	-0.5163978	-	5	-2	1	-0.5962848	-
3	3	0	-0.5916080	-	5	-1	1	-0.5773503	-
3	-4	1	-0.6831301	-	5	0	1	-0.4714045	-
3	-3	1	-0.1972027	-	5	1	1	-0.2788867	-
3	-2	1	0.1666667	-	5	2	1	0.0000000	-
3	-1	1	0.4082483	-	5	3	1	0.3651484	-
3	0	1	0.5270463	-	5	4	1	0.8164966	-
3	1	1	0.5217492	-	5	-4	2	-0.1490712	-
3	2	1	0.3872983	-	5	-3	2	-0.2788867	-
3	-4	2	-0.5577734	-	5	-2	2	-0.4082483	-
3	-3	2	-0.6236096	-	5	-1	2	-0.5270463	-
3	-2	2	-0.5773503	-	5	0	2	-0.6236096	-
3	-1	2	-0.4714045	-	5	1	2	-0.6831301	-
3	0	2	-0.3333333	-	5	2	2	-0.6831301	-
3	1	2	-0.1825742	-	5	3	2	-0.5773503	-
4	-4	0	0.7135061	+	6	-4	0	0.3015113	+
4	-3	0	0.1783765	+	6	-3	0	0.4670994	+
4	-2	0	-0.2038589	+	6	-2	0	0.5825753	+
4	-1	0	-0.4332001	+	6	-1	0	0.6513389	+
4	0	0	-0.5096472	+	6	0	0	0.6741999	+
4	1	0	-0.4332001	+	6	1	0	0.6513389	+
4	2	0	-0.2038589	+	6	2	0	0.5825753	+
4	3	0	0.1783765	+	6	3	0	0.4670994	+
4	4	0	0.7135061	+	6	4	0	0.3015113	+
4	-4	1	0.6179144	+	6	-4	1	0.1348400	+
4	-3	1	0.5838742	+	6	-3	1	0.2542567	+
4	-2	1	0.3972307	+	6	-2	1	0.3760507	+
4	-1	1	0.1395726	+	6	-1	1	0.4923660	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					7/2	1/2	1	0.5409627	-
					7/2	3/2	1	0.5002164	-
6	0	1	0.5945884	+	7/2	5/2	1	0.3567530	-
6	1	1	0.6727000	+	7/2	-9/2	2	-0.5393599	-
6	2	1	0.7135061	+	7/2	-7/2	2	-0.6227992	-
6	3	1	0.6963106	+	7/2	-5/2	2	-0.6030227	-
6	4	1	0.5773503	+	7/2	-3/2	2	-0.5263614	-
6	-4	2	0.0449467	+	7/2	-1/2	2	-0.4161252	-
6	-3	2	0.1005038	+	7/2	1/2	2	-0.2883000	-
6	-2	2	0.1740777	+	7/2	3/2	2	-0.1556998	-
6	-1	2	0.2659080	+	9/2	-9/2	0	0.7385489	+
6	0	2	0.3760507	+	9/2	-7/2	0	0.2461830	+
6	1	2	0.5045250	+	9/2	-5/2	0	-0.1230915	+
6	2	2	0.6513389	+	9/2	-3/2	0	-0.3692745	+
6	3	2	0.8164966	+	9/2	-1/2	0	-0.4923660	+
6	4	2	1.0000000	+	9/2	1/2	0	-0.4923660	+
J1 = 9/2					9/2	3/2	0	-0.3692745	+
					9/2	5/2	0	-0.1230915	+
					9/2	7/2	0	0.2461830	+
5/2	-5/2	0	0.3162278	+	9/2	9/2	0	0.7385489	+
5/2	-3/2	0	0.4629100	+	9/2	-9/2	1	0.6030227	+
5/2	-1/2	0	0.5345225	+	9/2	-7/2	1	0.6030227	+
5/2	1/2	0	0.5345225	+	9/2	-5/2	1	0.4605662	+
5/2	3/2	0	0.4629100	+	9/2	-3/2	1	0.2461830	+
5/2	5/2	0	0.3162278	+	9/2	-1/2	1	0.0000000	+
5/2	-7/2	1	-0.5163978	+	9/2	1/2	1	-0.2461830	+
5/2	-5/2	1	-0.5773503	+	9/2	3/2	1	-0.4605662	+
5/2	-3/2	1	-0.5345225	+	9/2	5/2	1	-0.6030227	+
5/2	-1/2	1	-0.4364358	+	9/2	7/2	1	-0.6030227	+
5/2	1/2	1	-0.3086067	+	9/2	-9/2	2	0.3015113	+
5/2	3/2	1	-0.1690309	+	9/2	-7/2	2	0.4605662	+
5/2	-9/2	2	0.7745967	+	9/2	-5/2	2	0.5640761	+
5/2	-7/2	2	0.5773503	+	9/2	-3/2	2	0.6154575	+
5/2	-5/2	2	0.4082483	+	9/2	-1/2	2	0.6154575	+
5/2	-3/2	2	0.2672612	+	9/2	1/2	2	0.5640761	+
5/2	-1/2	2	0.1543033	+	9/2	3/2	2	0.4605662	+
5/2	1/2	2	0.0690066	+	9/2	5/2	2	0.3015113	+
7/2	-7/2	0	0.5825753	-	11/2	-9/2	0	-0.6145099	-
7/2	-5/2	0	0.5504819	-	11/2	-7/2	0	-0.6412401	-
7/2	-3/2	0	0.3745127	-	11/2	-5/2	0	-0.5288859	-
7/2	-1/2	0	0.1315903	-	11/2	-3/2	0	-0.3427572	-
7/2	1/2	0	-0.1315903	-	11/2	-1/2	0	-0.1182625	-
7/2	3/2	0	-0.3745127	-	11/2	1/2	0	0.1182625	-
7/2	5/2	0	-0.5504819	-	11/2	3/2	0	0.3427572	-
7/2	7/2	0	-0.5825753	-	11/2	5/2	0	0.5288859	-
7/2	-9/2	1	-0.7135061	-	11/2	7/2	0	0.6412401	-
7/2	-7/2	1	-0.2696799	-	11/2	9/2	0	0.6145099	-
7/2	-5/2	1	0.0778499	-	11/2	-9/2	1	-0.3365809	-
7/2	-3/2	1	0.3289758	-	11/2	-7/2	1	-0.4966085	-
7/2	-1/2	1	0.4834938	-	11/2	-5/2	1	-0.5801696	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					J1 = 5				
11/2	-3/2	1	-0.5913124	-	3	-3	0	0.2912876	+
11/2	-1/2	1	-0.5310850	-	3	-2	0	0.4369314	+
11/2	1/2	1	-0.3998834	-	3	-1	0	0.5222330	+
11/2	3/2	1	-0.1978910	-	3	0	0	0.5504819	+
11/2	5/2	1	0.0747958	-	3	1	0	0.5222330	+
11/2	7/2	1	0.4181210	-	3	2	0	0.4369314	+
11/2	9/2	1	0.8320503	-	3	3	0	0.2912876	+
11/2	-9/2	2	-0.1295501	-	3	-4	1	-0.5045250	+
11/2	-7/2	2	-0.2442819	-	3	-3	1	-0.5825753	+
11/2	-5/2	2	-0.3612978	-	3	-2	1	-0.5640761	+
11/2	-3/2	2	-0.4730499	-	3	-1	1	-0.4923660	+
11/2	-1/2	2	-0.5712620	-	3	0	1	-0.3892495	+
11/2	1/2	2	-0.6463092	-	3	1	1	-0.2696799	+
11/2	3/2	2	-0.6855145	-	3	2	1	-0.1456438	+
11/2	5/2	2	-0.6689936	-	3	-5	2	0.7977240	+
11/2	7/2	2	-0.5547002	-	3	-4	2	0.6179144	+
13/2	-9/2	0	0.2773501	+	3	-3	2	0.4605662	+
13/2	-7/2	0	0.4345241	+	3	-2	2	0.3256695	+
13/2	-5/2	0	0.5496343	+	3	-1	2	0.2132007	+
13/2	-3/2	0	0.6257862	+	3	0	2	0.1230915	+
13/2	-1/2	0	0.6637465	+	3	1	2	0.0550482	+
13/2	1/2	0	0.6637465	+	4	-4	0	0.5720776	-
13/2	3/2	0	0.6257862	+	4	-3	0	0.5720776	-
13/2	5/2	0	0.5496343	+	4	-2	0	0.4369314	-
13/2	7/2	0	0.4345241	+	4	-1	0	0.2335497	-
13/2	9/2	0	0.2773501	+	4	0	0	0.0000000	-
13/2	-9/2	1	0.1182625	+	4	1	0	-0.2335497	-
13/2	-7/2	1	0.2243873	+	4	2	0	-0.4369314	-
13/2	-5/2	1	0.3344968	+	4	3	0	-0.5720776	-
13/2	-3/2	1	0.4424977	+	4	4	0	-0.5720776	-
13/2	-1/2	1	0.5419468	+	4	-5	1	-0.7385489	-
13/2	1/2	1	0.6257862	+	4	-4	1	-0.3302891	-
13/2	3/2	1	0.6855145	+	4	-3	1	0.0000000	-
13/2	5/2	1	0.7095749	+	4	-2	1	0.2522625	-
13/2	7/2	1	0.6793662	+	4	-1	1	0.4264014	-
13/2	9/2	1	0.5547002	+	4	0	1	0.5222330	-
13/2	-9/2	2	0.0373979	+	4	1	1	0.5393599	-
13/2	-7/2	2	0.0836242	+	4	2	1	0.4767313	-
13/2	-5/2	2	0.1448414	+	4	3	1	0.3302891	-
13/2	-3/2	2	0.2212488	+	4	-5	2	-0.5222330	-
13/2	-1/2	2	0.3128931	+	4	-4	2	-0.6179144	-
13/2	1/2	2	0.4197902	+	4	-3	2	-0.6179144	-
13/2	3/2	2	0.5419468	+	4	-2	2	-0.5640761	-
13/2	5/2	2	0.6793662	+	4	-1	2	-0.4767313	-
13/2	7/2	2	0.8320503	+	4	0	2	-0.3692745	-
13/2	9/2	2	1.0000000	+	4	1	2	-0.2522625	-
					4	2	2	-0.1348400	-
					5	-5	0	0.7595545	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					6	3	1	0.1395726	-
					6	4	1	0.4629100	-
5	-4	0	0.3038218	+	6	5	1	0.8451543	-
5	-3	0	-0.0506370	+	6	-5	2	-0.1139606	-
5	-2	0	-0.3038218	+	6	-4	2	-0.2162250	-
5	-1	0	-0.4557327	+	6	-3	2	-0.3223292	-
5	0	0	-0.5063697	+	6	-2	2	-0.4264014	-
5	1	0	-0.4557327	+	6	-1	2	-0.5222330	-
5	2	0	-0.3038218	+	6	0	2	-0.6030227	-
5	3	0	-0.0506370	+	6	1	2	-0.6605783	-
5	4	0	0.3038218	+	6	2	2	-0.6837635	-
5	5	0	0.7595545	+	6	3	2	-0.6546537	-
5	-5	1	0.5883484	+	6	4	2	-0.5345225	-
5	-4	1	0.6139406	+	7	-5	0	0.2567763	+
5	-3	1	0.5063697	+	7	-4	0	0.4059990	+
5	-2	1	0.3281651	+	7	-3	0	0.5193556	+
5	-1	1	0.1132277	+	7	-2	0	0.5997002	+
5	0	1	-0.1132277	+	7	-1	0	0.6477503	+
5	1	1	-0.3281651	+	7	0	0	0.6637465	+
5	2	1	-0.5063697	+	7	1	0	0.6477503	+
5	3	1	-0.6139406	+	7	2	0	0.5997002	+
5	4	1	-0.5883484	+	7	3	0	0.5193556	+
5	-5	2	0.2773501	+	7	4	0	0.4059990	+
5	-4	2	0.4296689	+	7	5	0	0.2567763	+
5	-3	2	0.5358913	+	7	-5	1	0.1048285	+
5	-2	2	0.5991447	+	7	-4	1	0.1999001	+
5	-1	2	0.6201737	+	7	-3	1	0.2998501	+
5	0	2	0.5991447	+	7	-2	1	0.3998001	+
5	1	2	0.5358913	+	7	-1	1	0.4947274	+
5	2	2	0.4296689	+	7	0	1	0.5793655	+
5	3	2	0.2773501	+	7	1	1	0.6477503	+
6	-5	0	-0.5976143	-	7	2	1	0.6924742	+
6	-4	0	-0.6446584	-	7	3	1	0.7032108	+
6	-3	0	-0.5617690	-	7	4	1	0.6629935	+
6	-2	0	-0.4077178	-	7	5	1	0.5345225	+
6	-1	0	-0.2132007	-	7	-5	2	0.0316070	+
6	0	0	0.0000000	-	7	-4	2	0.0706753	+
6	1	0	0.2132007	-	7	-3	2	0.1224133	+
6	2	0	0.4077178	-	7	-2	2	0.1869894	+
6	3	0	0.5617690	-	7	-1	2	0.2644429	+
6	4	0	0.6446584	-	7	0	2	0.3547874	+
6	5	0	0.5976143	-	7	1	2	0.4580286	+
6	-5	1	-0.3120939	-	7	2	2	0.5741693	+
6	-4	1	-0.4684875	-	7	3	2	0.7032108	+
6	-3	1	-0.5606119	-	7	4	2	0.8451543	+
6	-2	1	-0.5921565	-	7	5	2	1.0000000	+
6	-1	1	-0.5640761	-					
6	0	1	-0.4767313	-	J1 = 11/2				
6	1	1	-0.3302891	-					
6	2	1	-0.1248376	-	7/2	-7/2	0	0.2696799	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					9/2	-1/2	2	-0.4318335	-
					9/2	1/2	2	-0.3298183	-
7/2	-5/2	0	0.4119429	+	9/2	3/2	2	-0.2229979	-
7/2	-3/2	0	0.5045250	+	9/2	5/2	2	-0.1182625	-
7/2	-1/2	0	0.5504819	+	11/2	-11/2	0	0.7774288	+
7/2	1/2	0	0.5504819	+	11/2	-9/2	0	0.3533767	+
7/2	3/2	0	0.5045250	+	11/2	-7/2	0	0.0141351	+
7/2	5/2	0	0.4119429	+	11/2	-5/2	0	-0.2402962	+
7/2	7/2	0	0.2696799	+	11/2	-3/2	0	-0.4099170	+
7/2	-9/2	1	-0.4923660	+	11/2	-1/2	0	-0.4947274	+
7/2	-7/2	1	-0.5825753	+	11/2	1/2	0	-0.4947274	+
7/2	-5/2	1	-0.5825753	+	11/2	3/2	0	-0.4099170	+
7/2	-3/2	1	-0.5318160	+	11/2	5/2	0	-0.2402962	+
7/2	-1/2	1	-0.4494666	+	11/2	7/2	0	0.0141351	+
7/2	1/2	1	-0.3481553	+	11/2	9/2	0	0.3533767	+
7/2	3/2	1	-0.2378354	+	11/2	11/2	0	0.7774288	+
7/2	5/2	1	-0.1271283	+	11/2	-11/2	1	0.5741693	+
7/2	-11/2	2	0.8164966	+	11/2	-9/2	1	0.6193677	+
7/2	-9/2	2	0.6513389	+	11/2	-7/2	1	0.5397302	+
7/2	-7/2	2	0.5045250	+	11/2	-5/2	1	0.3917225	+
7/2	-5/2	2	0.3760507	+	11/2	-3/2	1	0.2048366	+
7/2	-3/2	2	0.2659080	+	11/2	-1/2	1	0.0000000	+
7/2	-1/2	2	0.1740777	+	11/2	1/2	1	-0.2048366	+
7/2	1/2	2	0.1005038	+	11/2	3/2	1	-0.3917225	+
7/2	3/2	2	0.0449467	+	11/2	5/2	1	-0.5397302	+
9/2	-9/2	0	0.5609682	-	11/2	7/2	1	-0.6193677	+
9/2	-7/2	0	0.5853694	-	11/2	9/2	1	-0.5741693	+
9/2	-5/2	0	0.4828045	-	11/2	-11/2	2	0.2567763	+
9/2	-3/2	0	0.3128931	-	11/2	-9/2	2	0.4022911	+
9/2	-1/2	0	0.1079584	-	11/2	-7/2	2	0.5088625	+
9/2	1/2	0	-0.1079584	-	11/2	-5/2	2	0.5793655	+
9/2	3/2	0	-0.3128931	-	11/2	-3/2	2	0.6145099	+
9/2	5/2	0	-0.4828045	-	11/2	-1/2	2	0.6145099	+
9/2	7/2	0	-0.5853694	-	11/2	1/2	2	0.5793655	+
9/2	9/2	0	-0.5609682	-	11/2	3/2	2	0.5088625	+
9/2	-11/2	1	-0.7595545	-	11/2	5/2	2	0.4022911	+
9/2	-9/2	1	-0.3816905	-	11/2	7/2	2	0.2567763	+
9/2	-7/2	1	-0.0682789	-	13/2	-11/2	0	-0.5817745	-
9/2	-5/2	1	0.1806489	-	13/2	-9/2	0	-0.6445034	-
9/2	-3/2	1	0.3650420	-	13/2	-7/2	0	-0.5853694	-
9/2	-1/2	1	0.4848121	-	13/2	-5/2	0	-0.4580286	-
9/2	1/2	1	0.5397919	-	13/2	-3/2	0	-0.2896827	-
9/2	3/2	1	0.5296199	-	13/2	-1/2	0	-0.0989455	-
9/2	5/2	1	0.4533395	-	13/2	1/2	0	0.0989455	-
9/2	7/2	1	0.3072549	-	13/2	3/2	0	0.2896827	-
9/2	-11/2	2	-0.5063697	-	13/2	5/2	0	0.4580286	-
9/2	-9/2	2	-0.6107048	-	13/2	7/2	0	0.5853694	-
9/2	-7/2	2	-0.6257862	-	13/2	9/2	0	0.6445034	-
9/2	-5/2	2	-0.5899969	-	13/2	11/2	0	0.5817745	-
9/2	-3/2	2	-0.5214885	-	13/2	-11/2	1	-0.2908872	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					15/2	-7/2	2	0.1048285	+
					15/2	-5/2	2	0.1601282	+
13/2	-9/2	1	-0.4427610	-	15/2	-3/2	2	0.2264554	+
13/2	-7/2	1	-0.5397919	-	15/2	-1/2	2	0.3038218	+
13/2	-5/2	1	-0.5853694	-	15/2	1/2	2	0.3922323	+
13/2	-3/2	1	-0.5803704	-	15/2	3/2	2	0.4916892	+
13/2	-1/2	1	-0.5251262	-	15/2	5/2	2	0.6021938	+
13/2	1/2	1	-0.4197902	-	15/2	7/2	2	0.7237469	+
13/2	3/2	1	-0.2644429	-	15/2	9/2	2	0.8563488	+
13/2	5/2	1	-0.0591312	-	15/2	11/2	2	1.0000000	+
13/2	7/2	1	0.1961161	-					
13/2	9/2	1	0.5012804	-	J1 = 6				
13/2	11/2	1	0.8563488	-	4	-4	0	0.2508726	+
13/2	-11/2	2	-0.1012739	-	4	-3	0	0.3886502	+
13/2	-9/2	2	-0.1931218	-	4	-2	0	0.4847319	+
13/2	-7/2	2	-0.2896827	-	4	-1	0	0.5419468	+
13/2	-5/2	2	-0.3862436	-	4	0	0	0.5609682	+
13/2	-3/2	2	-0.4779521	-	4	1	0	0.5419468	+
13/2	-1/2	2	-0.5597202	-	4	2	0	0.4847319	+
13/2	1/2	2	-0.6257862	-	4	3	0	0.3886502	+
13/2	3/2	2	-0.6689936	-	4	4	0	0.2508726	+
13/2	5/2	2	-0.6793662	-	4	4	0	0.2508726	+
13/2	7/2	2	-0.6405126	-	4	-5	1	-0.4803845	+
13/2	9/2	2	-0.5163978	-	4	-4	1	-0.5793655	+
15/2	-11/2	0	0.2390457	+	4	-3	1	-0.5936729	+
15/2	-9/2	0	0.3808608	+	4	-2	1	-0.5597202	+
15/2	-7/2	0	0.4916892	+	4	-1	1	-0.4947274	+
15/2	-5/2	0	0.5741693	+	4	0	1	-0.4096732	+
15/2	-3/2	0	0.6289709	+	4	1	1	-0.3128931	+
15/2	-1/2	0	0.6563301	+	4	2	1	-0.2115544	+
15/2	1/2	0	0.6563301	+	4	3	1	-0.1121936	+
15/2	3/2	0	0.6289709	+	4	-6	2	0.8320503	+
15/2	5/2	0	0.5741693	+	4	-5	2	0.6793662	+
15/2	7/2	0	0.4916892	+	4	-4	2	0.5419468	+
15/2	9/2	0	0.3808608	+	4	-3	2	0.4197902	+
15/2	11/2	0	0.2390457	+	4	-2	2	0.3128931	+
15/2	-11/2	1	0.0937614	+	4	-1	2	0.2212488	+
15/2	-9/2	1	0.1795395	+	4	0	2	0.1448414	+
15/2	-7/2	1	0.2706660	+	4	1	2	0.0836242	+
15/2	-5/2	1	0.3631365	+	4	2	2	0.0373979	+
15/2	-3/2	1	0.4529108	+	5	-5	0	0.5497252	-
15/2	-1/2	1	0.5358913	+	5	-4	0	0.5929995	-
15/2	1/2	1	0.6076436	+	5	-3	0	0.5167523	-
15/2	3/2	1	0.6629935	+	5	-2	0	0.3750458	-
15/2	5/2	1	0.6953535	+	5	-1	0	0.1961161	-
15/2	7/2	1	0.6953535	+	5	0	0	0.0000000	-
15/2	9/2	1	0.6473389	+	5	1	0	-0.1961161	-
15/2	11/2	1	0.5163978	+	5	2	0	-0.3750458	-
15/2	-11/2	2	0.0270666	+	5	3	0	-0.5167523	-
15/2	-9/2	2	0.0605228	+	5	4	0	-0.5929995	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					6	-5	2	0.3779645	+
					6	-4	2	0.4834938	+
5	5	0	-0.5497252	-	6	-3	2	0.5582905	+
5	-6	1	-0.7774288	-	6	-2	2	0.6030227	+
5	-5	1	-0.4258153	-	6	-1	2	0.6179144	+
5	-4	1	-0.1283881	-	6	0	2	0.6030227	+
5	-3	1	0.1148339	-	6	1	2	0.5582905	+
5	-2	1	0.3038218	-	6	2	2	0.4834938	+
5	-1	1	0.4385290	-	6	3	2	0.3779645	+
5	0	1	0.5188745	-	6	4	2	0.2390457	+
5	1	1	0.5447048	-	7	-6	0	-0.5669467	-
5	2	1	0.5156880	-	7	-5	0	-0.6419407	-
5	3	1	0.4309458	-	7	-4	0	-0.6021938	-
5	4	1	0.2870846	-	7	-3	0	-0.4972452	-
5	-6	2	-0.4916892	-	7	-2	0	-0.3516054	-
5	-5	2	-0.6021938	-	7	-1	0	-0.1815683	-
5	-4	2	-0.6289709	-	7	0	0	0.0000000	-
5	-3	2	-0.6076436	-	7	1	0	0.1815683	-
5	-2	2	-0.5547002	-	7	2	0	0.3516054	-
5	-1	2	-0.4803845	-	7	3	0	0.4972452	-
5	0	2	-0.3922323	-	7	4	0	0.6021938	-
5	1	2	-0.2964997	-	7	5	0	0.6419407	-
5	2	2	-0.1988981	-	7	6	0	0.5669467	-
5	3	2	-0.1048285	-	7	-6	1	-0.2723524	-
6	-6	0	0.7928250	+	7	-5	1	-0.4193139	-
6	-5	0	0.3964125	+	7	-4	1	-0.5188745	-
6	-4	0	0.0720750	+	7	-3	1	-0.5741693	-
6	-3	0	-0.1801875	+	7	-2	1	-0.5860090	-
6	-2	0	-0.3603750	+	7	-1	1	-0.5547002	-
6	-1	0	-0.4684875	+	7	0	1	-0.4803845	-
6	0	0	-0.5045250	+	7	1	1	-0.3631365	-
6	1	0	-0.4684875	+	7	2	1	-0.2029995	-
6	2	0	-0.3603750	+	7	3	1	0.0000000	-
6	3	0	-0.1801875	+	7	4	1	0.2458446	-
6	4	0	0.0720750	+	7	5	1	0.5345225	-
6	5	0	0.3964125	+	7	6	1	0.8660254	-
6	6	0	0.7928250	+	7	-6	2	-0.0907841	-
6	-6	1	0.5606119	+	7	-5	2	-0.1738384	-
6	-5	1	0.6210590	+	7	-4	2	-0.2620712	-
6	-4	1	0.5640761	+	7	-3	2	-0.3516054	-
6	-3	1	0.4413674	+	7	-2	2	-0.4385290	-
6	-2	1	0.2791453	+	7	-1	2	-0.5188745	-
6	-1	1	0.0953463	+	7	0	2	-0.5883484	-
6	0	1	-0.0953463	+	7	1	2	-0.6419407	-
6	1	1	-0.2791453	+	7	2	2	-0.6732731	-
6	2	1	-0.4413674	+	7	3	2	-0.6732731	-
6	3	1	-0.5640761	+	7	4	2	-0.6267832	-
6	4	1	-0.6210590	+	7	5	2	-0.5000000	-
6	5	1	-0.5606119	+	8	-6	0	0.2236068	+
6	-6	2	0.2390457	+	8	-5	0	0.3585686	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					9/2	7/2	0	0.3672399 +	
					9/2	9/2	0	0.2344036 +	
8	-4	0	0.4664573 +		9/2	-11/2	1	-0.4688072 +	
8	-3	0	0.5497252 +		9/2	-9/2	1	-0.5741693 +	
8	-2	0	0.6089985 +		9/2	-7/2	1	-0.5997002 +	
8	-1	0	0.6445034 +		9/2	-5/2	1	-0.5793655 +	
8	0	0	0.6563301 +		9/2	-3/2	1	-0.5288859 +	
8	1	0	0.6445034 +		9/2	-1/2	1	-0.4580286 +	
8	2	0	0.6089985 +		9/2	1/2	1	-0.3739788 +	
8	3	0	0.5497252 +		9/2	3/2	1	-0.2827014 +	
8	4	0	0.4664573 +		9/2	5/2	1	-0.1896419 +	
8	5	0	0.3585686 +		9/2	7/2	1	-0.0999500 +	
8	6	0	0.2236068 +		9/2	-13/2	2	0.8451543 +	
8	-6	1	0.0845154 +		9/2	-11/2	2	0.7032108 +	
8	-5	1	0.1623996 +		9/2	-9/2	2	0.5741693 +	
8	-4	1	0.2458446 +		9/2	-7/2	2	0.4580286 +	
8	-3	1	0.3314968 +		9/2	-5/2	2	0.3547874 +	
8	-2	1	0.4160251 +		9/2	-3/2	2	0.2644429 +	
8	-1	1	0.4961389 +		9/2	-1/2	2	0.1869894 +	
8	0	1	0.5683986 +		9/2	1/2	2	0.1224133 +	
8	1	1	0.6289709 +		9/2	3/2	2	0.0706753 +	
8	2	1	0.6732731 +		9/2	5/2	2	0.0316070 +	
8	3	1	0.6953535 +		11/2	-11/2	0	0.5386185 -	
8	4	1	0.6866066 +		11/2	-9/2	0	0.5966942 -	
8	5	1	0.6324555 +		11/2	-7/2	0	0.5419468 -	
8	6	1	0.5000000 +		11/2	-5/2	0	0.4240521 -	
8	-6	2	0.0234404 +		11/2	-3/2	0	0.2681941 -	
8	-5	2	0.0524142 +		11/2	-1/2	0	0.0916057 -	
8	-4	2	0.0907841 +		11/2	1/2	0	-0.0916057 -	
8	-3	2	0.1386750 +		11/2	3/2	0	-0.2681941 -	
8	-2	2	0.1961161 +		11/2	5/2	0	-0.4240521 -	
8	-1	2	0.2631174 +		11/2	7/2	0	-0.5419468 -	
8	0	2	0.3396831 +		11/2	9/2	0	-0.5966942 -	
8	1	2	0.4258153 +		11/2	11/2	0	-0.5386185 -	
8	2	2	0.5215151 +		11/2	-13/2	1	-0.7928250 -	
8	3	2	0.6267832 +		11/2	-11/2	1	-0.4640955 -	
8	4	2	0.7416198 +		11/2	-9/2	1	-0.1815683 -	
8	5	2	0.8660254 +		11/2	-7/2	1	0.0547449 -	
8	6	2	1.0000000 +		11/2	-5/2	1	0.2448266 -	
					11/2	-3/2	1	0.3886502 -	
J1 = 13/2					11/2	-1/2	1	0.4861724 -	
					11/2	1/2	1	0.5373186 -	
9/2	-9/2	0	0.2344036 +		11/2	3/2	1	0.5419468 -	
9/2	-7/2	0	0.3672399 +		11/2	5/2	1	0.4997502 -	
9/2	-5/2	0	0.4645258 +		11/2	7/2	1	0.4099170 -	
9/2	-3/2	0	0.5288859 +		11/2	9/2	1	0.2693093 -	
9/2	-1/2	0	0.5609682 +		11/2	-13/2	2	-0.4780914 -	
9/2	1/2	0	0.5609682 +		11/2	-11/2	2	-0.5929995 -	
9/2	3/2	0	0.5288859 +		11/2	-9/2	2	-0.6289709 -	
9/2	5/2	0	0.4645258 +		11/2	-7/2	2	-0.6193677 -	

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					15/2	-9/2	0	-0.6139933	-
					15/2	-7/2	0	-0.5279517	-
11/2	-5/2	2	-0.5793655	-	15/2	-5/2	0	-0.4019989	-
11/2	-3/2	2	-0.5182002	-	15/2	-3/2	0	-0.2506617	-
11/2	-1/2	2	-0.4424977	-	15/2	-1/2	0	-0.0850871	-
11/2	1/2	2	-0.3575921	-	15/2	1/2	0	0.0850871	-
11/2	3/2	2	-0.2681941	-	15/2	3/2	0	0.2506617	-
11/2	5/2	2	-0.1787961	-	15/2	5/2	0	0.4019989	-
11/2	7/2	2	-0.0937614	-	15/2	7/2	0	0.5279517	-
13/2	-13/2	0	0.8062258	+	15/2	9/2	0	0.6139933	-
13/2	-11/2	0	0.4341216	+	15/2	11/2	0	0.6377481	-
13/2	-9/2	0	0.1240347	+	15/2	13/2	0	0.5530663	-
13/2	-7/2	0	-0.1240347	+	15/2	-13/2	1	-0.2560200	-
13/2	-5/2	0	-0.3100868	+	15/2	-11/2	1	-0.3979586	-
13/2	-3/2	0	-0.4341216	+	15/2	-9/2	1	-0.4984786	-
13/2	-1/2	0	-0.4961389	+	15/2	-7/2	1	-0.5604966	-
13/2	1/2	0	-0.4961389	+	15/2	-5/2	1	-0.5847668	-
13/2	3/2	0	-0.4341216	+	15/2	-3/2	1	-0.5715740	-
13/2	5/2	0	-0.3100868	+	15/2	-1/2	1	-0.5210501	-
13/2	7/2	0	-0.1240347	+	15/2	1/2	1	-0.4332645	-
13/2	9/2	0	0.1240347	+	15/2	3/2	1	-0.3082574	-
13/2	11/2	0	0.4341216	+	15/2	5/2	1	-0.1460534	-
13/2	13/2	0	0.8062258	+	15/2	7/2	1	0.0533312	-
13/2	-13/2	1	0.5477226	+	15/2	9/2	1	0.2898855	-
13/2	-11/2	1	0.6201737	+	15/2	11/2	1	0.5636019	-
13/2	-9/2	1	0.5817745	+	15/2	13/2	1	0.8744746	-
13/2	-7/2	1	0.4803845	+	15/2	-13/2	2	-0.0819920	-
13/2	-5/2	1	0.3396831	+	15/2	-11/2	2	-0.1575507	-
13/2	-3/2	1	0.1754116	+	15/2	-9/2	2	-0.2385043	-
13/2	-1/2	1	0.0000000	+	15/2	-7/2	2	-0.3215991	-
13/2	1/2	1	-0.1754116	+	15/2	-5/2	2	-0.4036037	-
13/2	3/2	1	-0.3396831	+	15/2	-3/2	2	-0.4813255	-
13/2	5/2	1	-0.4803845	+	15/2	-1/2	2	-0.5514276	-
13/2	7/2	1	-0.5817745	+	15/2	1/2	2	-0.6101914	-
13/2	9/2	1	-0.6201737	+	15/2	3/2	2	-0.6531709	-
13/2	11/2	1	-0.5477226	+	15/2	5/2	2	-0.6745920	-
13/2	-13/2	2	0.2236068	+	15/2	7/2	2	-0.6661062	-
13/2	-11/2	2	0.3562627	+	15/2	9/2	2	-0.6135720	-
13/2	-9/2	2	0.4599331	+	15/2	11/2	2	-0.4850713	-
13/2	-7/2	2	0.5370862	+	17/2	-13/2	0	0.2100420	+
13/2	-5/2	2	0.5883484	+	17/2	-11/2	0	0.3386826	+
13/2	-3/2	2	0.6139406	+	17/2	-9/2	0	0.4434396	+
13/2	-1/2	2	0.6139406	+	17/2	-7/2	0	0.5266032	+
13/2	1/2	2	0.5883484	+	17/2	-5/2	0	0.5887603	+
13/2	3/2	2	0.5370862	+	17/2	-3/2	0	0.6301260	+
13/2	5/2	2	0.4599331	+	17/2	-1/2	0	0.6507914	+
13/2	7/2	2	0.3562627	+	17/2	1/2	0	0.6507914	+
13/2	9/2	2	0.2236068	+	17/2	3/2	0	0.6301260	+
15/2	-13/2	0	-0.5530663	-	17/2	5/2	0	0.5887603	+
15/2	-11/2	0	-0.6377481	-	17/2	7/2	0	0.5266032	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					5	-3	1	-0.5929995 +	
					5	-2	1	-0.5547002 +	
17/2	9/2	0	0.4434396 +		5	-1	1	-0.4961389 +	
17/2	11/2	0	0.3386826 +		5	0	1	-0.4236593 +	
17/2	13/2	0	0.2100420 +		5	1	1	-0.3423684 +	
17/2	-13/2	1	0.0766965 +		5	2	1	-0.2567763 +	
17/2	-11/2	1	0.1478132 +		5	3	1	-0.1711842 +	
17/2	-9/2	1	0.2245444 +		5	4	1	-0.0897698 +	
17/2	-7/2	1	0.3040345 +		5	-7	2	0.8563488 +	
17/2	-5/2	1	0.3834825 +		5	-6	2	0.7237469 +	
17/2	-3/2	1	0.4601790 +		5	-5	2	0.6021938 +	
17/2	-1/2	1	0.5313689 +		5	-4	2	0.4916892 +	
17/2	1/2	1	0.5940885 +		5	-3	2	0.3922323 +	
17/2	3/2	1	0.6449546 +		5	-2	2	0.3038218 +	
17/2	5/2	1	0.6798418 +		5	-1	2	0.2264554 +	
17/2	7/2	1	0.6933053 +		5	0	2	0.1601282 +	
17/2	9/2	1	0.6773651 +		5	1	2	0.1048285 +	
17/2	11/2	1	0.6183469 +		5	2	2	0.0605228 +	
17/2	13/2	1	0.4850713 +		5	3	2	0.0270666 +	
17/2	-13/2	2	0.0204980 +		6	-6	0	0.5277987 -	
17/2	-11/2	2	0.0458349 +		6	-5	0	0.5976143 -	
17/2	-9/2	2	0.0793884 +		6	-4	0	0.5606119 -	
17/2	-7/2	2	0.1212678 +		6	-3	0	0.4629100 -	
17/2	-5/2	2	0.1714986 +		6	-2	0	0.3273268 -	
17/2	-3/2	2	0.2300895 +		6	-1	0	0.1690309 -	
17/2	-1/2	2	0.2970443 +		6	0	0	0.0000000 -	
17/2	1/2	2	0.3723647 +		6	1	0	-0.1690309 -	
17/2	3/2	2	0.4560517 +		6	2	0	-0.3273268 -	
17/2	5/2	2	0.5481060 +		6	3	0	-0.4629100 -	
17/2	7/2	2	0.6485277 +		6	4	0	-0.5606119 -	
17/2	9/2	2	0.7573172 +		6	5	0	-0.5976143 -	
17/2	11/2	2	0.8744746 +		6	6	0	-0.5277987 -	
17/2	13/2	2	1.0000000 +		6	-7	1	-0.8062258 -	
J1 = 7					6	-6	1	-0.4976134 -	
					6	-5	1	-0.2288689 -	
					6	-4	1	0.0000000 -	
5	-5	0	0.2198901 +		6	-3	1	0.1889822 -	
5	-4	0	0.3476767 +		6	-2	1	0.3380617 -	
5	-3	0	0.4447496 +		6	-1	1	0.4472136 -	
5	-2	0	0.5135526 +		6	0	1	0.5163978 -	
5	-1	0	0.5547002 +		6	1	1	0.5455447 -	
5	0	0	0.5683986 +		6	2	1	0.5345225 -	
5	1	0	0.5547002 +		6	3	1	0.4830459 -	
5	2	0	0.5135526 +		6	4	1	0.3903600 -	
5	3	0	0.4447496 +		6	5	1	0.2535463 -	
5	4	0	0.3476767 +		6	-7	2	-0.4654747 -	
5	5	0	0.2198901 +		6	-6	2	-0.5835034 -	
5	-6	1	-0.4577377 +		6	-5	2	-0.6267832 -	
5	-5	1	-0.5677538 +		6	-4	2	-0.6267832 -	
5	-4	1	-0.6021938 +		6	-3	2	-0.5976143 -	

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					7	5	2	0.2100420	+
					8	-7	0	-0.5400617	-
6	-2	2	-0.5477226	-	8	-6	0	-0.6324555	-
6	-1	2	-0.4830459	-	8	-5	0	-0.6220167	-
6	0	2	-0.4082483	-	8	-4	0	-0.5520524	-
6	1	2	-0.3273268	-	8	-3	0	-0.4432026	-
6	2	2	-0.2439750	-	8	-2	0	-0.3086067	-
6	3	2	-0.1618347	-	8	-1	0	-0.1581139	-
6	4	2	-0.0845154	-	8	0	0	0.0000000	-
7	-7	0	0.8179961	+	8	1	0	0.1581139	-
7	-6	0	0.4674264	+	8	2	0	0.3086067	-
7	-5	0	0.1707904	+	8	3	0	0.4432026	-
7	-4	0	-0.0719117	+	8	4	0	0.5520524	-
7	-3	0	-0.2606801	+	8	5	0	0.6220167	-
7	-2	0	-0.3955146	+	8	6	0	0.6324555	-
7	-1	0	-0.4764153	+	8	7	0	0.5400617	-
7	0	0	-0.5033822	+	8	-7	1	-0.2415229	-
7	1	0	-0.4764153	+	8	-6	1	-0.3784891	-
7	2	0	-0.3955146	+	8	-5	1	-0.4789207	-
7	3	0	-0.2606801	+	8	-4	1	-0.5455447	-
7	4	0	-0.0719117	+	8	-3	1	-0.5790660	-
7	5	0	0.1707904	+	8	-2	1	-0.5797509	-
7	6	0	0.4674264	+	8	-1	1	-0.5477226	-
7	7	0	0.8179961	+	8	0	1	-0.4830459	-
7	-7	1	0.5355042	+	8	1	1	-0.3857584	-
7	-6	1	0.6174970	+	8	2	1	-0.2558832	-
7	-5	1	0.5944964	+	8	3	1	-0.0934353	-
7	-4	1	0.5111871	+	8	4	1	0.1015749	-
7	-3	1	0.3892337	+	8	5	1	0.3291403	-
7	-2	1	0.2427021	+	8	6	1	0.5892557	-
7	-1	1	0.0823853	+	8	7	1	0.8819171	-
7	0	1	-0.0823853	+	8	-7	2	-0.0745356	-
7	1	1	-0.2427021	+	8	-6	2	-0.1436486	-
7	2	1	-0.3892337	+	8	-5	2	-0.2182179	-
7	3	1	-0.5111871	+	8	-4	2	-0.2954684	-
7	4	1	-0.5944964	+	8	-3	2	-0.3726780	-
7	5	1	-0.6174970	+	8	-2	2	-0.4472136	-
7	6	1	-0.5355042	+	8	-1	2	-0.5163978	-
7	-7	2	0.2100420	+	8	0	2	-0.5773503	-
7	-6	2	0.3368165	+	8	1	2	-0.6267832	-
7	-5	2	0.4381603	+	8	2	2	-0.6606875	-
7	-4	2	0.5163769	+	8	3	2	-0.6737717	-
7	-3	2	0.5720544	+	8	4	2	-0.6582806	-
7	-2	2	0.6054055	+	8	5	2	-0.6009252	-
7	-1	2	0.6165148	+	8	6	2	-0.4714045	-
7	0	2	0.6054055	+	9	-7	0	0.1980295	+
7	1	2	0.5720544	+	9	-6	0	0.3208445	+
7	2	2	0.5163769	+	9	-5	0	0.4224114	+
7	3	2	0.4381603	+	9	-4	0	0.5048782	+
7	4	2	0.3368165	+	9	-3	0	0.5687965	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					11/2	-1/2	0	0.5683986	+
					11/2	1/2	0	0.5683986	+
9	-2	0	0.6143704	+	11/2	3/2	0	0.5447048	+
9	-1	0	0.6416889	+	11/2	5/2	0	0.4972452	+
9	0	0	0.6507914	+	11/2	7/2	0	0.4258153	+
9	1	0	0.6416889	+	11/2	9/2	0	0.3298351	+
9	2	0	0.6143704	+	11/2	11/2	0	0.2070197	+
9	3	0	0.5687965	+	11/2	-13/2	1	-0.4472136	+
9	4	0	0.5048782	+	11/2	-11/2	1	-0.5606119	+
9	5	0	0.4224114	+	11/2	-9/2	1	-0.6021938	+
9	6	0	0.3208445	+	11/2	-7/2	1	-0.6021938	+
9	7	0	0.1980295	+	11/2	-5/2	1	-0.5741693	+
9	-7	1	0.0700140	+	11/2	-3/2	1	-0.5262348	+
9	-6	1	0.1352799	+	11/2	-1/2	1	-0.4640955	+
9	-5	1	0.2061156	+	11/2	1/2	1	-0.3922323	+
9	-4	1	0.2800560	+	11/2	3/2	1	-0.3144855	+
9	-3	1	0.3547069	+	11/2	5/2	1	-0.2344036	+
9	-2	1	0.4277926	+	11/2	7/2	1	-0.1554858	+
9	-1	1	0.4970501	+	11/2	9/2	1	-0.0811998	+
9	0	1	0.5601120	+	11/2	-15/2	2	0.8660254	+
9	1	1	0.6143704	+	11/2	-13/2	2	0.7416198	+
9	2	1	0.6567896	+	11/2	-11/2	2	0.6267832	+
9	3	1	0.6836083	+	11/2	-9/2	2	0.5215151	+
9	4	1	0.6897949	+	11/2	-7/2	2	0.4258153	+
9	5	1	0.6678910	+	11/2	-5/2	2	0.3396831	+
9	6	1	0.6049901	+	11/2	-3/2	2	0.2631174	+
9	7	1	0.4714045	+	11/2	-1/2	2	0.1961161	+
9	-7	2	0.0180775	+	11/2	1/2	2	0.1386750	+
9	-6	2	0.0404226	+	11/2	3/2	2	0.0907841	+
9	-5	2	0.0700140	+	11/2	5/2	2	0.0524142	+
9	-4	2	0.1069482	+	11/2	7/2	2	0.0234404	+
9	-3	2	0.1512475	+	13/2	-13/2	0	0.5173462	-
9	-2	2	0.2029199	+	13/2	-11/2	0	0.5965588	-
9	-1	2	0.2619684	+	13/2	-9/2	0	0.5743381	-
9	0	2	0.3283948	+	13/2	-7/2	0	0.4938536	-
9	1	2	0.4021998	+	13/2	-5/2	0	0.3760355	-
9	2	2	0.4833840	+	13/2	-3/2	0	0.2344725	-
9	3	2	0.5719477	+	13/2	-1/2	0	0.0795917	-
9	4	2	0.6678910	+	13/2	1/2	0	-0.0795917	-
9	5	2	0.7712141	+	13/2	3/2	0	-0.2344725	-
9	6	2	0.8819171	+	13/2	5/2	0	-0.3760355	-
9	7	2	1.0000000	+	13/2	7/2	0	-0.4938536	-
					13/2	9/2	0	-0.5743381	-
J1 = 15/2					13/2	11/2	0	-0.5965588	-
					13/2	13/2	0	-0.5173462	-
11/2	-11/2	0	0.2070197	+	13/2	-15/2	1	-0.8179961	-
11/2	-9/2	0	0.3298351	+	13/2	-13/2	1	-0.5272013	-
11/2	-7/2	0	0.4258153	+	13/2	-11/2	1	-0.2711631	-
11/2	-5/2	0	0.4972452	+	13/2	-9/2	1	-0.0498867	-
11/2	-3/2	0	0.5447048	+	13/2	-7/2	1	0.1366205	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					15/2	5/2	1	-0.4299697 +	
					15/2	7/2	1	-0.5355695 +	
13/2	-5/2	1	0.2883484 -		15/2	9/2	1	-0.6034448 +	
13/2	-3/2	1	0.4052819 -		15/2	11/2	1	-0.6135720 +	
13/2	-1/2	1	0.4873977 -		15/2	13/2	1	-0.5239368 +	
13/2	1/2	1	0.5346585 -		15/2	-15/2	2	0.1980295 +	
13/2	3/2	1	0.5469992 -		15/2	-13/2	2	0.3193130 +	
13/2	5/2	1	0.5242966 -		15/2	-11/2	2	0.4180788 +	
13/2	7/2	1	0.4662840 -		15/2	-9/2	2	0.4964863 +	
13/2	9/2	1	0.3722562 -		15/2	-7/2	2	0.5550885 +	
13/2	11/2	1	0.2394847 -		15/2	-5/2	2	0.5940885 +	
13/2	-15/2	2	-0.4537426 -		15/2	-3/2	2	0.6135720 +	
13/2	-13/2	2	-0.5739440 -		15/2	-1/2	2	0.6135720 +	
13/2	-11/2	2	-0.6230853 -		15/2	1/2	2	0.5940885 +	
13/2	-9/2	2	-0.6310230 -		15/2	3/2	2	0.5550885 +	
13/2	-7/2	2	-0.6109854 -		15/2	5/2	2	0.4964863 +	
13/2	-5/2	2	-0.5707818 -		15/2	7/2	2	0.4180788 +	
13/2	-3/2	2	-0.5158133 -		15/2	9/2	2	0.3193130 +	
13/2	-1/2	2	-0.4502388 -		15/2	11/2	2	0.1980295 +	
13/2	1/2	2	-0.3775367 -		17/2	-15/2	0	-0.5278615 -	
13/2	3/2	2	-0.3008284 -		17/2	-13/2	0	-0.6264303 -	
13/2	5/2	2	-0.2231003 -		17/2	-11/2	0	-0.6271712 -	
13/2	7/2	2	-0.1473752 -		17/2	-9/2	0	-0.5709695 -	
13/2	9/2	2	-0.0766965 -		17/2	-7/2	0	-0.4770264 -	
15/2	-15/2	0	0.8284169 +		17/2	-5/2	0	-0.3573639 -	
15/2	-13/2	0	0.4970501 +		17/2	-3/2	0	-0.2208203 -	
15/2	-11/2	0	0.2130215 +		17/2	-1/2	0	-0.0746509 -	
15/2	-9/2	0	-0.0236691 +		17/2	1/2	0	0.0746509 -	
15/2	-7/2	0	-0.2130215 +		17/2	3/2	0	0.2208203 -	
15/2	-5/2	0	-0.3550358 +		17/2	5/2	0	0.3573639 -	
15/2	-3/2	0	-0.4497120 +		17/2	7/2	0	0.4770264 -	
15/2	-1/2	0	-0.4970501 +		17/2	9/2	0	0.5709695 -	
15/2	1/2	0	-0.4970501 +		17/2	11/2	0	0.6271712 -	
15/2	3/2	0	-0.4497120 +		17/2	13/2	0	0.6264303 -	
15/2	5/2	0	-0.3550358 +		17/2	15/2	0	0.5278615 -	
15/2	7/2	0	-0.2130215 +		17/2	-15/2	1	-0.2285707 -	
15/2	9/2	0	-0.0236691 +		17/2	-13/2	1	-0.3607054 -	
15/2	11/2	0	0.2130215 +		17/2	-11/2	1	-0.4603472 -	
15/2	13/2	0	0.4970501 +		17/2	-9/2	1	-0.5300564 -	
15/2	15/2	0	0.8284169 +		17/2	-7/2	1	-0.5704949 -	
15/2	-15/2	1	0.5239368 +		17/2	-5/2	1	-0.5819126 -	
15/2	-13/2	1	0.6135720 +		17/2	-3/2	1	-0.5644252 -	
15/2	-11/2	1	0.6034448 +		17/2	-1/2	1	-0.5180937 -	
15/2	-9/2	1	0.5355695 +		17/2	1/2	1	-0.4429531 -	
15/2	-7/2	1	0.4299697 +		17/2	3/2	1	-0.3390252 -	
15/2	-5/2	1	0.2993925 +		17/2	5/2	1	-0.2063242 -	
15/2	-3/2	1	0.1533930 +		17/2	7/2	1	-0.0448596 -	
15/2	-1/2	1	0.0000000 +		17/2	9/2	1	0.1453617 -	
15/2	1/2	1	-0.1533930 +		17/2	11/2	1	0.3643349 -	
15/2	3/2	1	-0.2993925 +		17/2	13/2	1	0.6120564 -	

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					19/2	-15/2	2	0.0160623	+
					19/2	-13/2	2	0.0359164	+
17/2	15/2	1	0.8885233	-	19/2	-11/2	2	0.0622091	+
17/2	-15/2	2	-0.0681466	-	19/2	-9/2	2	0.0950259	+
17/2	-13/2	2	-0.1316718	-	19/2	-7/2	2	0.1343870	+
17/2	-11/2	2	-0.2006182	-	19/2	-5/2	2	0.1802990	+
17/2	-9/2	2	-0.2725865	-	19/2	-3/2	2	0.2327650	+
17/2	-7/2	2	-0.3452464	-	19/2	-1/2	2	0.2917864	+
17/2	-5/2	2	-0.4163828	-	19/2	1/2	2	0.3573639	+
17/2	-3/2	2	-0.4837931	-	19/2	3/2	2	0.4294980	+
17/2	-1/2	2	-0.5451730	-	19/2	5/2	2	0.5081889	+
17/2	1/2	2	-0.5979842	-	19/2	7/2	2	0.5934368	+
17/2	3/2	2	-0.6392720	-	19/2	9/2	2	0.6852417	+
17/2	5/2	2	-0.6653754	-	19/2	11/2	2	0.7836039	+
17/2	7/2	2	-0.6713970	-	19/2	13/2	2	0.8885233	+
17/2	9/2	2	-0.6500774	-	19/2	15/2	2	1.0000000	+
17/2	11/2	2	-0.5888542	-					
17/2	13/2	2	-0.4588315	-	J1 = 8				
19/2	-15/2	0	0.1873172	+	6	-6	0	0.1955385	+
19/2	-13/2	0	0.3047610	+	6	-5	0	0.3135591	+
19/2	-11/2	0	0.4031609	+	6	-4	0	0.4079051	+
19/2	-9/2	0	0.4845391	+	6	-3	0	0.4807207	+
19/2	-7/2	0	0.5494157	+	6	-2	0	0.5325537	+
19/2	-5/2	0	0.5979842	+	6	-1	0	0.5636019	+
19/2	-3/2	0	0.6303307	+	6	0	0	0.5739440	+
19/2	-1/2	0	0.6464957	+	6	1	0	0.5636019	+
19/2	1/2	0	0.6464957	+	6	2	0	0.5325537	+
19/2	3/2	0	0.6303307	+	6	3	0	0.4807207	+
19/2	5/2	0	0.5979842	+	6	4	0	0.4079051	+
19/2	7/2	0	0.5494157	+	6	5	0	0.3135591	+
19/2	9/2	0	0.4845391	+	6	6	0	0.1955385	+
19/2	11/2	0	0.4031609	+	6	-7	1	-0.4372373	+
19/2	13/2	0	0.3047610	+	6	-6	1	-0.5530663	+
19/2	15/2	0	0.1873172	+	6	-5	1	-0.6004200	+
19/2	-15/2	1	0.0642493	+	6	-4	1	-0.6080690	+
19/2	-13/2	1	0.1244182	+	6	-3	1	-0.5887603	+
19/2	-11/2	1	0.1900519	+	6	-2	1	-0.5500191	+
19/2	-9/2	1	0.2589970	+	6	-1	1	-0.4970501	+
19/2	-7/2	1	0.3291795	+	6	0	1	-0.4338609	+
19/2	-5/2	1	0.3986562	+	6	1	1	-0.3638034	+
19/2	-3/2	1	0.4655301	+	6	2	1	-0.2898855	+
19/2	-1/2	1	0.5278615	+	6	3	1	-0.2149849	+
19/2	1/2	1	0.5835729	+	6	4	1	-0.1420143	+
19/2	3/2	1	0.6303307	+	6	5	1	-0.0739066	+
19/2	5/2	1	0.6653754	+	6	-8	2	0.8744746	+
19/2	7/2	1	0.6852417	+	6	-7	2	0.7573172	+
19/2	9/2	1	0.6852417	+	6	-6	2	0.6485277	+
19/2	11/2	1	0.6583590	+	6	-5	2	0.5481060	+
19/2	13/2	1	0.5923489	+	6	-4	2	0.4560517	+
19/2	15/2	1	0.4588315	+					

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					7	2	2	-0.2775443	-
					7	3	2	-0.2049800	-
6	-3	2	0.3723647	+	7	4	2	-0.1349344	-
6	-2	2	0.2970443	+	7	5	2	-0.0700140	-
6	-1	2	0.2300895	+	8	-8	0	0.8377078	+
6	0	2	0.1714986	+	8	-7	0	0.5235674	+
6	1	2	0.1212678	+	8	-6	0	0.2513123	+
6	2	2	0.0793884	+	8	-5	0	0.0209427	+
6	3	2	0.0458349	+	8	-4	0	-0.1675416	+
6	4	2	0.0204980	+	8	-3	0	-0.3141404	+
7	-7	0	0.5072997	-	8	-2	0	-0.4188539	+
7	-6	0	0.5940885	-	8	-1	0	-0.4816820	+
7	-5	0	0.5842829	-	8	0	0	-0.5026247	+
7	-4	0	0.5185630	-	8	1	0	-0.4816820	+
7	-3	0	0.4163164	-	8	2	0	-0.4188539	+
7	-2	0	0.2898855	-	8	3	0	-0.3141404	+
7	-1	0	0.1485221	-	8	4	0	-0.1675416	+
7	0	0	0.0000000	-	8	5	0	0.0209427	+
7	1	0	-0.1485221	-	8	6	0	0.2513123	+
7	2	0	-0.2898855	-	8	7	0	0.5235674	+
7	3	0	-0.4163164	-	8	8	0	0.8377078	+
7	4	0	-0.5185630	-	8	-8	1	0.5129892	+
7	5	0	-0.5842829	-	8	-7	1	0.6087808	+
7	6	0	-0.5940885	-	8	-6	1	0.6095008	+
7	7	0	-0.5072997	-	8	-5	1	0.5548826	+
7	-8	1	-0.8284169	-	8	-4	1	0.4635863	+
7	-7	1	-0.5535093	-	8	-3	1	0.3472953	+
7	-6	1	-0.3091735	-	8	-2	1	0.2145988	+
7	-5	1	-0.0954130	-	8	-1	1	0.0725476	+
7	-4	1	0.0877672	-	8	0	1	-0.0725476	+
7	-3	1	0.2403604	-	8	1	1	-0.2145988	+
7	-2	1	0.3623569	-	8	2	1	-0.3472953	+
7	-1	1	0.4537426	-	8	3	1	-0.4635863	+
7	0	1	0.5144958	-	8	4	1	-0.5548826	+
7	1	1	0.5445811	-	8	5	1	-0.6095008	+
7	2	1	0.5439378	-	8	6	1	-0.6087808	+
7	3	1	0.5124500	-	8	7	1	-0.5129892	+
7	4	1	0.4498677	-	8	-8	2	0.1873172	+
7	5	1	0.3555286	-	8	-7	2	0.3034885	+
7	6	1	0.2268713	-	8	-6	2	0.3995612	+
7	-8	2	-0.4428074	-	8	-5	2	0.4775669	+
7	-7	2	-0.5644709	-	8	-4	2	0.5380276	+
7	-6	2	-0.6183469	-	8	-3	2	0.5811362	+
7	-5	2	-0.6328983	-	8	-2	2	0.6069770	+
7	-4	2	-0.6206078	-	8	-1	2	0.6155870	+
7	-3	2	-0.5887603	-	8	0	2	0.6069770	+
7	-2	2	-0.5423261	-	8	1	2	0.5811362	+
7	-1	2	-0.4850713	-	8	2	2	0.5380276	+
7	0	2	-0.4200840	-	8	3	2	0.4775669	+
7	1	2	-0.3500700	-	8	4	2	0.3995612	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					9	4	2	-0.6678910	-
					9	5	2	-0.6416889	-
8	5	2	0.3034885	+	9	6	2	-0.5773503	-
8	6	2	0.1873172	+	9	7	2	-0.4472136	-
9	-8	0	-0.5163978	-	10	-8	0	0.1777047	+
9	-7	0	-0.6199304	-	10	-7	0	0.2901905	+
9	-6	0	-0.6301260	-	10	-6	0	0.3854955	+
9	-5	0	-0.5857792	-	10	-5	0	0.4655301	+
9	-4	0	-0.5048782	-	10	-4	0	0.5307860	+
9	-3	0	-0.3985267	-	10	-3	0	0.5814469	+
9	-2	0	-0.2747548	-	10	-2	0	0.6175955	+
9	-1	0	-0.1400280	-	10	-1	0	0.6392720	+
9	0	0	0.0000000	-	10	0	0	0.6464957	+
9	1	0	0.1400280	-	10	1	0	0.6392720	+
9	2	0	0.2747548	-	10	2	0	0.6175955	+
9	3	0	0.3985267	-	10	3	0	0.5814469	+
9	4	0	0.5048782	-	10	4	0	0.5307860	+
9	5	0	0.5857792	-	10	5	0	0.4655301	+
9	6	0	0.6301260	-	10	6	0	0.3854955	+
9	7	0	0.6199304	-	10	7	0	0.2901905	+
9	8	0	0.5163978	-	10	8	0	0.1777047	+
9	-8	1	-0.2169305	-	10	-8	1	0.0592349	+
9	-7	1	-0.3444234	-	10	-7	1	0.1149326	+
9	-6	1	-0.4428074	-	10	-6	1	0.1759538	+
9	-5	1	-0.5144958	-	10	-5	1	0.2403987	+
9	-4	1	-0.5601120	-	10	-4	1	0.3064494	+
9	-3	1	-0.5798918	-	10	-3	1	0.3724241	+
9	-2	1	-0.5739440	-	10	-2	1	0.4367059	+
9	-1	1	-0.5423261	-	10	-1	1	0.4976726	+
9	0	1	-0.4850713	-	10	0	1	0.5536258	+
9	1	1	-0.4021998	-	10	1	1	0.6027115	+
9	2	1	-0.2937252	-	10	2	1	0.6428137	+
9	3	1	-0.1596565	-	10	3	1	0.6713970	+
9	4	1	0.0000000	-	10	4	1	0.6852417	+
9	5	1	0.1852396	-	10	5	1	0.6799502	+
9	6	1	0.3960590	-	10	6	1	0.6488857	+
9	7	1	0.6324555	-	10	7	1	0.5803810	+
9	8	1	0.8944272	-	10	8	1	0.4472136	+
9	-8	2	-0.0626224	-	10	-8	2	0.0143666	+
9	-7	2	-0.1212678	-	10	-7	2	0.0321246	+
9	-6	2	-0.1852396	-	10	-6	2	0.0556415	+
9	-5	2	-0.2524391	-	10	-5	2	0.0849938	+
9	-4	2	-0.3208445	-	10	-4	2	0.1201994	+
9	-3	2	-0.3885620	-	10	-3	2	0.1612644	+
9	-2	2	-0.4537426	-	10	-2	2	0.2081914	+
9	-1	2	-0.5144958	-	10	-1	2	0.2609817	+
9	0	2	-0.5687965	-	10	0	2	0.3196360	+
9	1	2	-0.6143704	-	10	1	2	0.3841547	+
9	2	2	-0.6485277	-	10	2	2	0.4545379	+
9	3	2	-0.6678910	-	10	3	2	0.5307860	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					13/2	7/2	2	0.0404226 +	
					13/2	9/2	2	0.0180775 +	
10	4	2	0.6128988 +		15/2	-15/2	0	0.4976726 -	
10	5	2	0.7008766 +		15/2	-13/2	0	0.5906041 -	
10	6	2	0.7947194 +		15/2	-11/2	0	0.5913026 -	
10	7	2	0.8944272 +		15/2	-9/2	0	0.5383152 -	
10	8	2	1.0000000 +		15/2	-7/2	0	0.4497448 -	
J1 = 17/2					15/2	-5/2	0	0.3369259 -	
					15/2	-3/2	0	0.2081914 -	
					15/2	-1/2	0	0.0703815 -	
13/2	-13/2	0	0.1852396 +		15/2	1/2	0	-0.0703815 -	
13/2	-11/2	0	0.2986900 +		15/2	3/2	0	-0.2081914 -	
13/2	-9/2	0	0.3910769 +		15/2	5/2	0	-0.3369259 -	
13/2	-7/2	0	0.4644204 +		15/2	7/2	0	-0.4497448 -	
13/2	-5/2	0	0.5192378 +		15/2	9/2	0	-0.5383152 -	
13/2	-3/2	0	0.5557189 +		15/2	11/2	0	-0.5913026 -	
13/2	-1/2	0	0.5739440 +		15/2	13/2	0	-0.5906041 -	
13/2	1/2	0	0.5739440 +		15/2	15/2	0	-0.4976726 -	
13/2	3/2	0	0.5557189 +		15/2	-17/2	1	-0.8377078 -	
13/2	5/2	0	0.5192378 +		15/2	-15/2	1	-0.5770523 -	
13/2	7/2	0	0.4644204 +		15/2	-13/2	1	-0.3434983 -	
13/2	9/2	0	0.3910769 +		15/2	-11/2	1	-0.1370483 -	
13/2	11/2	0	0.2986900 +		15/2	-9/2	1	0.0422940 -	
13/2	13/2	0	0.1852396 +		15/2	-7/2	1	0.1945243 -	
13/2	-15/2	1	-0.4277926 +		15/2	-5/2	1	0.3196360 -	
13/2	-13/2	1	-0.5453307 +		15/2	-3/2	1	0.4176202 -	
13/2	-11/2	1	-0.5973799 +		15/2	-1/2	1	0.4884634 -	
13/2	-9/2	1	-0.6114378 +		15/2	1/2	1	0.5321452 -	
13/2	-7/2	1	-0.5995641 +		15/2	3/2	1	0.5486325 -	
13/2	-5/2	1	-0.5687965 +		15/2	5/2	1	0.5378677 -	
13/2	-3/2	1	-0.5239368 +		15/2	7/2	1	0.4997419 -	
13/2	-1/2	1	-0.4686233 +		15/2	9/2	1	0.4340195 -	
13/2	1/2	1	-0.4058397 +		15/2	11/2	1	0.3400763 -	
13/2	3/2	1	-0.3381998 +		15/2	13/2	1	0.2154986 -	
13/2	5/2	1	-0.2681332 +		15/2	-17/2	2	-0.4325905 -	
13/2	7/2	1	-0.1980295 +		15/2	-15/2	2	-0.5551770 -	
13/2	9/2	1	-0.1303590 +		15/2	-13/2	2	-0.6128988 -	
13/2	11/2	1	-0.0676400 +		15/2	-11/2	2	-0.6329992 -	
13/2	-17/2	2	0.8819171 +		15/2	-9/2	2	-0.6273220 -	
13/2	-15/2	2	0.7712141 +		15/2	-7/2	2	-0.6027115 -	
13/2	-13/2	2	0.6678910 +		15/2	-5/2	2	-0.5637849 -	
13/2	-11/2	2	0.5719477 +		15/2	-3/2	2	-0.5139941 -	
13/2	-9/2	2	0.4833840 +		15/2	-1/2	2	-0.4561245 -	
13/2	-7/2	2	0.4021998 +		15/2	1/2	2	-0.3925694 -	
13/2	-5/2	2	0.3283948 +		15/2	3/2	2	-0.3255014 -	
13/2	-3/2	2	0.2619684 +		15/2	5/2	2	-0.2569970 -	
13/2	-1/2	2	0.2029199 +		15/2	7/2	2	-0.1891447 -	
13/2	1/2	2	0.1512475 +		15/2	9/2	2	-0.1241414 -	
13/2	3/2	2	0.1069482 +		15/2	11/2	2	-0.0642493 -	
13/2	5/2	2	0.0700140 +		17/2	-17/2	0	0.8460434 +	

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					17/2	11/2	2	0.2891217	+
					17/2	13/2	2	0.1777047	+
17/2	-15/2	0	0.5474399	+	19/2	-17/2	0	-0.5056077	-
17/2	-13/2	0	0.2861617	+	19/2	-15/2	0	-0.6131393	-
17/2	-11/2	0	0.0622091	+	19/2	-13/2	0	-0.6313823	-
17/2	-9/2	0	-0.1244182	+	19/2	-11/2	0	-0.5973059	-
17/2	-7/2	0	-0.2737199	+	19/2	-9/2	0	-0.5278615	-
17/2	-5/2	0	-0.3856963	+	19/2	-7/2	0	-0.4333849	-
17/2	-3/2	0	-0.4603472	+	19/2	-5/2	0	-0.3212463	-
17/2	-1/2	0	-0.4976726	+	19/2	-3/2	0	-0.1972836	-
17/2	1/2	0	-0.4976726	+	19/2	-1/2	0	-0.0665043	-
17/2	3/2	0	-0.4603472	+	19/2	1/2	0	0.0665043	-
17/2	5/2	0	-0.3856963	+	19/2	3/2	0	0.1972836	-
17/2	7/2	0	-0.2737199	+	19/2	5/2	0	0.3212463	-
17/2	9/2	0	-0.1244182	+	19/2	7/2	0	0.4333849	-
17/2	11/2	0	0.0622091	+	19/2	9/2	0	0.5278615	-
17/2	13/2	0	0.2861617	+	19/2	11/2	0	0.5973059	-
17/2	15/2	0	0.5474399	+	19/2	13/2	0	0.6313823	-
17/2	17/2	0	0.8460434	+	19/2	15/2	0	0.6131393	-
17/2	-17/2	1	0.5026247	+	19/2	17/2	0	0.5056077	-
17/2	-15/2	1	0.6033960	+	19/2	-17/2	1	-0.2064135	-
17/2	-13/2	1	0.6133196	+	19/2	-15/2	1	-0.3294779	-
17/2	-11/2	1	0.5701556	+	19/2	-13/2	1	-0.4262966	-
17/2	-9/2	1	0.4914123	+	19/2	-11/2	1	-0.4991516	-
17/2	-7/2	1	0.3878974	+	19/2	-9/2	1	-0.5486325	-
17/2	-5/2	1	0.2674267	+	19/2	-7/2	1	-0.5749620	-
17/2	-3/2	1	0.1362933	+	19/2	-5/2	1	-0.5782433	-
17/2	-1/2	1	0.0000000	+	19/2	-3/2	1	-0.5585305	-
17/2	1/2	1	-0.1362933	+	19/2	-1/2	1	-0.5158551	-
17/2	3/2	1	-0.2674267	+	19/2	1/2	1	-0.4502362	-
17/2	5/2	1	-0.3878974	+	19/2	3/2	1	-0.3616867	-
17/2	7/2	1	-0.4914123	+	19/2	5/2	1	-0.2502149	-
17/2	9/2	1	-0.5701556	+	19/2	7/2	1	-0.1158270	-
17/2	11/2	1	-0.6133196	+	19/2	9/2	1	0.0414727	-
17/2	13/2	1	-0.6033960	+	19/2	11/2	1	0.2216810	-
17/2	15/2	1	-0.5026247	+	19/2	13/2	1	0.4247954	-
17/2	-17/2	2	0.1777047	+	19/2	15/2	1	0.6508140	-
17/2	-15/2	2	0.2891217	+	19/2	17/2	1	0.8997354	-
17/2	-13/2	2	0.3824720	+	19/2	-17/2	2	-0.0578073	-
17/2	-11/2	2	0.4596741	+	19/2	-15/2	2	-0.1121627	-
17/2	-9/2	2	0.5212215	+	19/2	-13/2	2	-0.1717134	-
17/2	-7/2	2	0.5672977	+	19/2	-11/2	2	-0.2346051	-
17/2	-5/2	2	0.5979842	+	19/2	-9/2	2	-0.2990640	-
17/2	-3/2	2	0.6133196	+	19/2	-7/2	2	-0.3634487	-
17/2	-1/2	2	0.6133196	+	19/2	-5/2	2	-0.4261814	-
17/2	1/2	2	0.5979842	+	19/2	-3/2	2	-0.4856787	-
17/2	3/2	2	0.5672977	+	19/2	-1/2	2	-0.5402835	-
17/2	5/2	2	0.5212215	+	19/2	1/2	2	-0.5881861	-
17/2	7/2	2	0.4596741	+	19/2	3/2	2	-0.6273220	-
17/2	9/2	2	0.3824720	+	19/2	5/2	2	-0.6552164	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					7	1	2	0.1343870 +	
					7	2	2	0.0950259 +	
19/2	7/2	2	-0.6687275 -		7	3	2	0.0622091 +	
19/2	9/2	2	-0.6635635 -		7	4	2	0.0359164 +	
19/2	11/2	2	-0.6332476 -		7	5	2	0.0160623 +	
19/2	13/2	2	-0.5663939 -		8	-8	0	0.4884634 -	
19/2	15/2	2	-0.4364358 -		8	-7	0	0.5863955 -	
					8	-6	0	0.5960396 -	
J1 = 9					8	-5	0	0.5540916 -	
					8	-4	0	0.4775669 -	
7	-7	0	0.1759538 +		8	-3	0	0.3769685 -	
7	-6	0	0.2850778 +		8	-2	0	0.2598920 -	
7	-5	0	0.3753224 +		8	-1	0	0.1324532 -	
7	-4	0	0.4485960 +		8	0	0	0.0000000 -	
7	-3	0	0.5053889 +		8	1	0	-0.1324532 -	
7	-2	0	0.5458824 +		8	2	0	-0.2598920 -	
7	-1	0	0.5701556 +		8	3	0	-0.3769685 -	
7	0	0	0.5782433 +		8	4	0	-0.4775669 -	
7	1	0	0.5701556 +		8	5	0	-0.5540916 -	
7	2	0	0.5458824 +		8	6	0	-0.5960396 -	
7	3	0	0.5053889 +		8	7	0	-0.5863955 -	
7	4	0	0.4485960 +		8	8	0	-0.4884634 -	
7	5	0	0.3753224 +		8	-9	1	-0.8460434 -	
7	6	0	0.2850778 +		8	-8	1	-0.5982430 -	
7	7	0	0.1759538 +		8	-7	1	-0.3746343 -	
7	-8	1	-0.4188539 +		8	-6	1	-0.1752192 -	
7	-7	1	-0.5375478 +		8	-5	1	0.0000000 -	
7	-6	1	-0.5934368 +		8	-4	1	0.1510199 -	
7	-5	1	-0.6128988 +		8	-3	1	0.2778363 -	
7	-4	1	-0.6074019 +		8	-2	1	0.3804430 -	
7	-3	1	-0.5835729 +		8	-1	1	0.4588315 -	
7	-2	1	-0.5458824 +		8	0	1	0.5129892 -	
7	-1	1	-0.4976726 +		8	1	1	0.5428967 -	
7	0	1	-0.4416406 +		8	2	1	0.5485227 -	
7	1	1	-0.3801037 +		8	3	1	0.5298129 -	
7	2	1	-0.3151654 +		8	4	1	0.4866643 -	
7	3	1	-0.2488363 +		8	5	1	0.4188539 -	
7	4	1	-0.1831386 +		8	6	1	0.3257919 -	
7	5	1	-0.1201994 +		8	7	1	0.2051957 -	
7	6	1	-0.0622091 +		8	-9	2	-0.4230217 -	
7	-9	2	0.8885233 +		8	-8	2	-0.5461187 -	
7	-8	2	0.7836039 +		8	-7	2	-0.6069770 -	
7	-7	2	0.6852417 +		8	-6	2	-0.6317617 -	
7	-6	2	0.5934368 +		8	-5	2	-0.6317617 -	
7	-5	2	0.5081889 +		8	-4	2	-0.6134458 -	
7	-4	2	0.4294980 +		8	-3	2	-0.5811362 -	
7	-3	2	0.3573639 +		8	-2	2	-0.5380276 -	
7	-2	2	0.2917864 +		8	-1	2	-0.4866643 -	
7	-1	2	0.2327650 +		8	0	2	-0.4291975 -	
7	0	2	0.1802990 +		8	1	2	-0.3675428 -	

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					9	-3	2	0.5874505	+
					9	-2	2	0.6080690	+
8	2	2	-0.3034885	-	9	-1	2	0.6149400	+
8	3	2	-0.2387835	-	9	0	2	0.6080690	+
8	4	2	-0.1752192	-	9	1	2	0.5874505	+
8	5	2	-0.1147079	-	9	2	2	0.5530663	+
8	6	2	-0.0592349	-	9	3	2	0.5048782	+
9	-9	0	0.8535640	+	9	4	2	0.4428074	+
9	-8	0	0.5690426	+	9	5	2	0.3666794	+
9	-7	0	0.3179944	+	9	6	2	0.2760262	+
9	-6	0	0.1004193	+	9	7	2	0.1690309	+
9	-5	0	-0.0836827	+	10	-9	0	-0.4954337	-
9	-4	0	-0.2343117	+	10	-8	0	-0.6061882	-
9	-3	0	-0.3514675	+	10	-7	0	-0.6313197	-
9	-2	0	-0.4351503	+	10	-6	0	-0.6061882	-
9	-1	0	-0.4853599	+	10	-5	0	-0.5468483	-
9	0	0	-0.5020964	+	10	-4	0	-0.4629839	-
9	1	0	-0.4853599	+	10	-3	0	-0.3614167	-
9	2	0	-0.4351503	+	10	-2	0	-0.2474753	-
9	3	0	-0.3514675	+	10	-1	0	-0.1256562	-
9	4	0	-0.2343117	+	10	0	0	0.0000000	-
9	5	0	-0.0836827	+	10	1	0	0.1256562	-
9	6	0	0.1004193	+	10	2	0	0.2474753	-
9	7	0	0.3179944	+	10	3	0	0.3614167	-
9	8	0	0.5690426	+	10	4	0	0.4629839	-
9	9	0	0.8535640	+	10	5	0	0.5468483	-
9	-9	1	0.4928054	+	10	6	0	0.6061882	-
9	-8	1	0.5976143	+	10	7	0	0.6313197	-
9	-7	1	0.6153954	+	10	8	0	0.6061882	-
9	-6	1	0.5821817	+	10	9	0	0.4954337	-
9	-5	1	0.5144958	+	10	-9	1	-0.1968654	-
9	-4	1	0.4224114	+	10	-8	1	-0.3157230	-
9	-3	1	0.3131121	+	10	-7	1	-0.4107798	-
9	-2	1	0.1922883	+	10	-6	1	-0.4842001	-
9	-1	1	0.0648204	+	10	-5	1	-0.5365434	-
9	0	1	-0.0648204	+	10	-4	1	-0.5680207	-
9	1	1	-0.1922883	+	10	-3	1	-0.5787298	-
9	2	1	-0.3131121	+	10	-2	1	-0.5687222	-
9	3	1	-0.4224114	+	10	-1	1	-0.5380276	-
9	4	1	-0.5144958	+	10	0	1	-0.4866643	-
9	5	1	-0.5821817	+	10	1	1	-0.4146442	-
9	6	1	-0.6153954	+	10	2	1	-0.3219756	-
9	7	1	-0.5976143	+	10	3	1	-0.2086640	-
9	8	1	-0.4928054	+	10	4	1	-0.0747137	-
9	-9	2	0.1690309	+	10	5	1	0.0798723	-
9	-8	2	0.2760262	+	10	6	1	0.2550917	-
9	-7	2	0.3666794	+	10	7	1	0.4509427	-
9	-6	2	0.4428074	+	10	8	1	0.6674238	-
9	-5	2	0.5048782	+	10	9	1	0.9045340	-
9	-4	2	0.5530663	+	10	-9	2	-0.0535800	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					15/2	7/2	1	-0.2316540	+
					15/2	9/2	1	-0.1699876	+
10	-8	2	-0.1041407	-	15/2	11/2	1	-0.1112830	+
10	-7	2	-0.1597446	-	15/2	13/2	1	-0.0574663	+
10	-6	2	-0.2187393	-	15/2	-19/2	2	0.8944272	+
10	-5	2	-0.2795531	-	15/2	-17/2	2	0.7947194	+
10	-4	2	-0.3407469	-	15/2	-15/2	2	0.7008766	+
10	-3	2	-0.4009558	-	15/2	-13/2	2	0.6128988	+
10	-2	2	-0.4588315	-	15/2	-11/2	2	0.5307860	+
10	-1	2	-0.5129892	-	15/2	-9/2	2	0.4545379	+
10	0	2	-0.5619515	-	15/2	-7/2	2	0.3841547	+
10	1	2	-0.6040797	-	15/2	-5/2	2	0.3196360	+
10	2	2	-0.6374791	-	15/2	-3/2	2	0.2609817	+
10	3	2	-0.6598535	-	15/2	-1/2	2	0.2081914	+
10	4	2	-0.6682597	-	15/2	1/2	2	0.1612644	+
10	5	2	-0.6586439	-	15/2	3/2	2	0.1201994	+
10	6	2	-0.6248445	-	15/2	5/2	2	0.0849938	+
10	7	2	-0.5559594	-	15/2	7/2	2	0.0556415	+
10	8	2	-0.4264014	-	15/2	9/2	2	0.0321246	+
					15/2	11/2	2	0.0143666	+
J1 = 19/2					17/2	-17/2	0	0.4796615	-
					17/2	-15/2	0	0.5816751	-
15/2	-15/2	0	0.1675416	+	17/2	-13/2	0	0.5989819	-
15/2	-13/2	0	0.2725865	+	17/2	-11/2	0	0.5666541	-
15/2	-11/2	0	0.3605981	+	17/2	-9/2	0	0.5007734	-
15/2	-9/2	0	0.4333849	+	17/2	-7/2	0	0.4111450	-
15/2	-7/2	0	0.4914123	+	17/2	-5/2	0	0.3047610	-
15/2	-5/2	0	0.5348534	+	17/2	-3/2	0	0.1871597	-
15/2	-3/2	0	0.5637849	+	17/2	-1/2	0	0.0630915	-
15/2	-1/2	0	0.5782433	+	17/2	1/2	0	-0.0630915	-
15/2	1/2	0	0.5782433	+	17/2	3/2	0	-0.1871597	-
15/2	3/2	0	0.5637849	+	17/2	5/2	0	-0.3047610	-
15/2	5/2	0	0.5348534	+	17/2	7/2	0	-0.4111450	-
15/2	7/2	0	0.4914123	+	17/2	9/2	0	-0.5007734	-
15/2	9/2	0	0.4333849	+	17/2	11/2	0	-0.5666541	-
15/2	11/2	0	0.3605981	+	17/2	13/2	0	-0.5989819	-
15/2	13/2	0	0.2725865	+	17/2	15/2	0	-0.5816751	-
15/2	15/2	0	0.1675416	+	17/2	17/2	0	-0.4796615	-
15/2	-17/2	1	-0.4103913	+	17/2	-19/2	1	-0.8535640	-
15/2	-15/2	1	-0.5298129	+	17/2	-17/2	1	-0.6174164	-
15/2	-13/2	1	-0.5888542	+	17/2	-15/2	1	-0.4029963	-
15/2	-11/2	1	-0.6128988	+	17/2	-13/2	1	-0.2103051	-
15/2	-9/2	1	-0.6128988	+	17/2	-11/2	1	-0.0393445	-
15/2	-7/2	1	-0.5951299	+	17/2	-9/2	1	0.1098831	-
15/2	-5/2	1	-0.5637849	+	17/2	-7/2	1	0.2373747	-
15/2	-3/2	1	-0.5219634	+	17/2	-5/2	1	0.3431261	-
15/2	-1/2	1	-0.4721337	+	17/2	-3/2	1	0.4271316	-
15/2	1/2	1	-0.4163828	+	17/2	-1/2	1	0.4893831	-
15/2	3/2	1	-0.3565689	+	17/2	1/2	1	0.5298686	-
15/2	5/2	1	-0.2944271	+	17/2	3/2	1	0.5485698	-

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					19/2	-9/2	1	0.4518260	+
					19/2	-7/2	1	0.3527066	+
17/2	5/2	1	0.5454569	-	19/2	-5/2	1	0.2415112	+
17/2	7/2	1	0.5204785	-	19/2	-3/2	1	0.1226279	+
17/2	9/2	1	0.4735368	-	19/2	-1/2	1	0.0000000	+
17/2	11/2	1	0.4044205	-	19/2	1/2	1	-0.1226279	+
17/2	13/2	1	0.3125702	-	19/2	3/2	1	-0.2415112	+
17/2	15/2	1	0.1958210	-	19/2	5/2	1	-0.3527066	+
17/2	-19/2	2	-0.4140393	-	19/2	7/2	1	-0.4518260	+
17/2	-17/2	2	-0.5373284	-	19/2	9/2	1	-0.5336693	+
17/2	-15/2	2	-0.6007514	-	19/2	11/2	1	-0.5915791	+
17/2	-13/2	2	-0.6295116	-	19/2	13/2	1	-0.6161050	+
17/2	-11/2	2	-0.6344106	-	19/2	15/2	1	-0.5915791	+
17/2	-9/2	2	-0.6215929	-	19/2	17/2	1	-0.4834938	+
17/2	-7/2	2	-0.5951299	-	19/2	-19/2	2	0.1611646	+
17/2	-5/2	2	-0.5580024	-	19/2	-17/2	2	0.2640450	+
17/2	-3/2	2	-0.5125579	-	19/2	-15/2	2	0.3520600	+
17/2	-1/2	2	-0.4607553	-	19/2	-13/2	2	0.4269354	+
17/2	1/2	2	-0.4043111	-	19/2	-11/2	2	0.4891160	+
17/2	3/2	2	-0.3447977	-	19/2	-9/2	2	0.5387682	+
17/2	5/2	2	-0.2837170	-	19/2	-7/2	2	0.5759674	+
17/2	7/2	2	-0.2225660	-	19/2	-5/2	2	0.6007514	+
17/2	9/2	2	-0.1629016	-	19/2	-3/2	2	0.6131393	+
17/2	11/2	2	-0.1064069	-	19/2	-1/2	2	0.6131393	+
17/2	13/2	2	-0.0548408	-	19/2	1/2	2	0.6007514	+
19/2	-19/2	0	0.8603835	+	19/2	3/2	2	0.5759674	+
19/2	-17/2	0	0.5886834	+	19/2	5/2	2	0.5387682	+
19/2	-15/2	0	0.3471723	+	19/2	7/2	2	0.4891160	+
19/2	-13/2	0	0.1358500	+	19/2	9/2	2	0.4269354	+
19/2	-11/2	0	-0.0452833	+	19/2	11/2	2	0.3520600	+
19/2	-9/2	0	-0.1962278	+	19/2	13/2	2	0.2640450	+
19/2	-7/2	0	-0.3169834	+	19/2	15/2	2	0.1611646	+
19/2	-5/2	0	-0.4075501	+					
19/2	-3/2	0	-0.4679279	+	J1 = 10				
19/2	-1/2	0	-0.4981168	+	8	-8	0	0.1598872	+
19/2	1/2	0	-0.4981168	+	8	-7	0	0.2610947	+
19/2	3/2	0	-0.4679279	+	8	-6	0	0.3468440	+
19/2	5/2	0	-0.4075501	+	8	-5	0	0.4188539	+
19/2	7/2	0	-0.3169834	+	8	-4	0	0.4775669	+
19/2	9/2	0	-0.1962278	+	8	-3	0	0.5231484	+
19/2	11/2	0	-0.0452833	+	8	-2	0	0.5556725	+
19/2	13/2	0	0.1358500	+	8	-1	0	0.5751757	+
19/2	15/2	0	0.3471723	+	8	0	0	0.5816751	+
19/2	17/2	0	0.5886834	+	8	1	0	0.5751757	+
19/2	19/2	0	0.8603835	+	8	2	0	0.5556725	+
19/2	-19/2	1	0.4834938	+	8	3	0	0.5231484	+
19/2	-17/2	1	0.5915791	+	8	4	0	0.4775669	+
19/2	-15/2	1	0.6161050	+	8	5	0	0.4188539	+
19/2	-13/2	1	0.5915791	+	8	6	0	0.3468440	+
19/2	-11/2	1	0.5336693	+					

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					9	3	0	-0.3437758	-
					9	4	0	-0.4403855	-
8	7	0	0.2610947	+	9	5	0	-0.5201565	-
8	8	0	0.1598872	+	9	6	0	-0.5766000	-
8	-9	1	-0.4023739	+	9	7	0	-0.6005048	-
8	-8	1	-0.5221893	+	9	8	0	-0.5766000	-
8	-7	1	-0.5838254	+	9	9	0	-0.4712514	-
8	-6	1	-0.6117753	+	9	-10	1	-0.8603835	-
8	-5	1	-0.6165363	+	9	-9	1	-0.6348467	-
8	-4	1	-0.6040797	+	9	-8	1	-0.4289320	-
8	-3	1	-0.5783623	+	9	-7	1	-0.2426406	-
8	-2	1	-0.5422808	+	9	-6	1	-0.0759737	-
8	-1	1	-0.4981168	+	9	-5	1	0.0710669	-
8	0	1	-0.4477737	+	9	-4	1	0.1984791	-
8	1	1	-0.3929198	+	9	-3	1	0.3062598	-
8	2	1	-0.3350831	+	9	-2	1	0.3944053	-
8	3	1	-0.2757234	+	9	-1	1	0.4629100	-
8	4	1	-0.2162952	+	9	0	1	0.5117663	-
8	5	1	-0.1583119	+	9	1	1	0.5409627	-
8	6	1	-0.1034089	+	9	2	1	0.5504819	-
8	7	1	-0.0532957	+	9	3	1	0.5402955	-
8	-10	2	0.8997354	+	9	4	1	0.5103545	-
8	-9	2	0.8047478	+	9	5	1	0.4605662	-
8	-8	2	0.7150372	+	9	6	1	0.3907295	-
8	-7	2	0.6306035	+	9	7	1	0.3003125	-
8	-6	2	0.5514468	+	9	8	1	0.1872563	-
8	-5	2	0.4775669	+	9	-10	2	-0.4055887	-
8	-4	2	0.4089639	+	9	-9	2	-0.5288229	-
8	-3	2	0.3456376	+	9	-8	2	-0.5943457	-
8	-2	2	0.2875878	+	9	-7	2	-0.6264953	-
8	-1	2	0.2348145	+	9	-6	2	-0.6356417	-
8	0	2	0.1873172	+	9	-5	2	-0.6276459	-
8	1	2	0.1450953	+	9	-4	2	-0.6063636	-
8	2	2	0.1081476	+	9	-3	2	-0.5745944	-
8	3	2	0.0764719	+	9	-2	2	-0.5345225	-
8	4	2	0.0500626	+	9	-1	2	-0.4879500	-
8	5	2	0.0289037	+	9	0	2	-0.4364358	-
8	6	2	0.0129261	+	9	1	2	-0.3813850	-
9	-9	0	0.4712514	-	9	2	2	-0.3241150	-
9	-8	0	0.5766000	-	9	3	2	-0.2659080	-
9	-7	0	0.6005048	-	9	4	2	-0.2080626	-
9	-6	0	0.5766000	-	9	5	2	-0.1519474	-
9	-5	0	0.5201565	-	9	6	2	-0.0990576	-
9	-4	0	0.4403855	-	9	7	2	-0.0509647	-
9	-3	0	0.3437758	-	10	-10	0	0.8665957	+
9	-2	0	0.2353960	-	10	-9	0	0.6066170	+
9	-1	0	0.1195229	-	10	-8	0	0.3740045	+
9	0	0	0.0000000	-	10	-7	0	0.1687581	+
9	1	0	-0.1195229	-	10	-6	0	-0.0091221	+
9	2	0	-0.2353960	-	10	-5	0	-0.1596361	+

J2 = 2

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					10	3	2	0.5246176 +	
					10	4	2	0.4739962 +	
10	-4	0	-0.2827839 +		10	5	2	0.4120102 +	
10	-3	0	-0.3785655 +		10	6	2	0.3385010 +	
10	-2	0	-0.4469810 +		10	7	2	0.2530447 +	
10	-1	0	-0.4880302 +		10	8	2	0.1539981 +	
10	0	0	-0.5017133 +						
10	1	0	-0.4880302 +						
10	2	0	-0.4469810 +						
10	3	0	-0.3785655 +						
10	4	0	-0.2827839 +						
10	5	0	-0.1596361 +						
10	6	0	-0.0091221 +						
10	7	0	0.1687581 +						
10	8	0	0.3740045 +						
10	9	0	0.6066170 +						
10	10	0	0.8665957 +						
10	-10	1	0.4746540 +						
10	-9	1	0.5853954 +						
10	-8	1	0.6157391 +						
10	-7	1	0.5988339 +						
10	-6	1	0.5495994 +						
10	-5	1	0.4769494 +						
10	-4	1	0.3870969 +						
10	-3	1	0.2848362 +						
10	-2	1	0.1741573 +						
10	-1	1	0.0585875 +						
10	0	1	-0.0585875 +						
10	1	1	-0.1741573 +						
10	2	1	-0.2848362 +						
10	3	1	-0.3870969 +						
10	4	1	-0.4769494 +						
10	5	1	-0.5495994 +						
10	6	1	-0.5988339 +						
10	7	1	-0.6157391 +						
10	8	1	-0.5853954 +						
10	9	1	-0.4746540 +						
10	-10	2	0.1539981 +						
10	-9	2	0.2530447 +						
10	-8	2	0.3385010 +						
10	-7	2	0.4120102 +						
10	-6	2	0.4739962 +						
10	-5	2	0.5246176 +						
10	-4	2	0.5639470 +						
10	-3	2	0.5920210 +						
10	-2	2	0.6088591 +						
10	-1	2	0.6144708 +						
10	0	2	0.6088591 +						
10	1	2	0.5920210 +						
10	2	2	0.5639470 +						

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 0					4	-1	1	0.4629100 +	
					4	0	1	0.7319251 +	
3	0	0	1.0000000 +		4	1	1	0.7319251 +	
3	0	1	1.0000000 +		4	-1	2	0.3273268 +	
3	0	2	1.0000000 +		4	0	2	0.6546537 +	
3	0	3	1.0000000 +		4	1	2	0.8660254 +	
J1 = 1/2					4	-1	3	0.1889822 +	
					4	0	3	0.5000000 +	
					4	1	3	1.0000000 +	
5/2	-1/2	0	-0.6546537 -		J1 = 3/2				
5/2	1/2	0	0.6546537 -		3/2	-3/2	0	-0.1690309 -	
5/2	-1/2	1	-0.7559289 -		3/2	-1/2	0	0.5070926 -	
5/2	1/2	1	0.5345225 -		3/2	1/2	0	-0.5070926 -	
5/2	-1/2	2	-0.8451543 -		3/2	3/2	0	0.1690309 -	
5/2	1/2	2	0.3779645 -		3/2	-3/2	1	-0.3380617 -	
5/2	-1/2	3	-0.9258201 -		3/2	-1/2	1	0.5855400 -	
7/2	-1/2	0	0.7559289 +		3/2	1/2	1	-0.3380617 -	
7/2	1/2	0	0.7559289 +		3/2	-3/2	2	-0.5345225 -	
7/2	-1/2	1	0.6546537 +		3/2	-1/2	2	0.5345225 -	
7/2	1/2	1	0.8451543 +		3/2	-3/2	3	-0.7559289 -	
7/2	-1/2	2	0.5345225 +		5/2	-3/2	0	0.5070926 +	
7/2	1/2	2	0.9258201 +		5/2	-1/2	0	-0.4140393 +	
7/2	-1/2	3	0.3779645 +		5/2	1/2	0	-0.4140393 +	
7/2	1/2	3	1.0000000 +		5/2	3/2	0	0.5070926 +	
J1 = 1					5/2	-3/2	1	0.6210590 +	
2	-1	0	0.3779645 +		5/2	-1/2	1	-0.1195229 +	
2	0	0	-0.6546537 +		5/2	1/2	1	-0.5916080 +	
2	1	0	0.3779645 +		5/2	3/2	1	0.3273268 +	
2	-1	1	0.5345225 +		5/2	-3/2	2	0.6546537 +	
2	0	1	-0.6172134 +		5/2	-1/2	2	0.2672612 +	
2	1	1	0.2182179 +		5/2	1/2	2	-0.5976143 +	
2	-1	2	0.6900656 +		5/2	-3/2	3	0.5669467 +	
2	0	2	-0.4879500 +		5/2	-1/2	3	0.7319251 +	
2	-1	3	0.8451543 +		7/2	-3/2	0	-0.6900656 -	
3	-1	0	-0.7071068 -		7/2	-1/2	0	-0.3086067 -	
3	0	0	0.0000000 -		7/2	1/2	0	0.3086067 -	
3	1	0	0.7071068 -		7/2	3/2	0	0.6900656 -	
3	-1	1	-0.7071068 -		7/2	-3/2	1	-0.6172134 -	
3	0	1	-0.2886751 -		7/2	-1/2	1	-0.5345225 -	
3	1	1	0.6454972 -		7/2	1/2	1	0.0000000 -	
3	-1	2	-0.6454972 -		7/2	3/2	1	0.6900656 -	
3	0	2	-0.5773503 -		7/2	-3/2	2	-0.4879500 -	
3	1	2	0.5000000 -		7/2	-1/2	2	-0.6546537 -	
3	-1	3	-0.5000000 -		7/2	1/2	2	-0.3779645 -	
3	0	3	-0.8660254 -		7/2	3/2	2	0.5773503 -	
4	-1	0	0.5976143 +		7/2	-3/2	3	-0.3086067 -	
4	0	0	0.7559289 +		7/2	-1/2	3	-0.6172134 -	
4	1	0	0.5976143 +		7/2	1/2	3	-0.8164966 -	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3/2					3	-1	1	0.1825742 +	
					3	0	1	-0.3872983 +	
9/2	-3/2	0	0.4879500 +		3	1	1	-0.5000000 +	
9/2	-1/2	0	0.6900656 +		3	2	1	0.4082483 +	
9/2	1/2	0	0.6900656 +		3	-2	2	0.5773503 +	
9/2	3/2	0	0.4879500 +		3	-1	2	0.5000000 +	
9/2	-3/2	1	0.3450328 +		3	0	2	0.0000000 +	
9/2	-1/2	1	0.5976143 +		3	1	2	-0.6454972 +	
9/2	1/2	1	0.7319251 +		3	-2	3	0.4082483 +	
9/2	3/2	1	0.6454972 +		3	-1	3	0.6454972 +	
9/2	-3/2	2	0.2182179 +		3	0	3	0.6454972 +	
9/2	-1/2	2	0.4629100 +		4	-2	0	-0.6546537 -	
9/2	1/2	2	0.7071068 +		4	-1	0	-0.4629100 -	
9/2	3/2	2	0.8164966 +		4	0	0	0.0000000 -	
9/2	-3/2	3	0.1091089 +		4	1	0	0.4629100 -	
9/2	-1/2	3	0.2886751 +		4	2	0	0.6546537 -	
9/2	1/2	3	0.5773503 +		4	-2	1	-0.5345225 -	
9/2	3/2	3	1.0000000 +		4	-1	1	-0.5976143 -	
					4	0	1	-0.3273268 -	
J1 = 2					4	1	1	0.1889822 -	
					4	2	1	0.7071068 -	
1	-1	0	-0.2927700 +		4	-2	2	-0.3779645 -	
1	0	0	0.5070926 +		4	-1	2	-0.5916080 -	
1	1	0	-0.2927700 +		4	0	2	-0.5855400 -	
1	-2	1	0.1690309 +		4	1	2	-0.2236068 -	
1	-1	1	-0.4780914 +		4	2	2	0.6324555 -	
1	0	1	0.4140393 +		4	-2	3	-0.2070197 -	
1	-2	2	0.3779645 +		4	-1	3	-0.4391550 -	
1	-1	2	-0.5345225 +		4	0	3	-0.6708204 -	
1	-2	3	0.6546537 +		4	1	3	-0.7745967 -	
2	-2	0	-0.2672612 -		5	-2	0	0.4082483 +	
2	-1	0	0.5345225 -		5	-1	0	0.6172134 +	
2	0	0	0.0000000 -		5	0	0	0.6900656 +	
2	1	0	-0.5345225 -		5	1	0	0.6172134 +	
2	2	0	0.2672612 -		5	2	0	0.4082483 +	
2	-2	1	-0.4629100 -		5	-2	1	0.2672612 +	
2	-1	1	0.3779645 -		5	-1	1	0.4879500 +	
2	0	1	0.3779645 -		5	0	1	0.6546537 +	
2	1	1	-0.4629100 -		5	1	1	0.7071068 +	
2	-2	2	-0.5976143 -		5	2	1	0.5773503 +	
2	-1	2	0.0000000 -		5	-2	2	0.1543033 +	
2	0	2	0.5976143 -		5	-1	2	0.3380617 +	
2	-2	3	-0.5976143 -		5	0	2	0.5477226 +	
2	-1	3	-0.5976143 -		5	1	2	0.7302967 +	
3	-2	0	0.5773503 +		5	2	2	0.7745967 +	
3	-1	0	-0.1825742 +		5	-2	3	0.0690066 +	
3	0	0	-0.5163978 +		5	-1	3	0.1825742 +	
3	1	0	-0.1825742 +		5	0	3	0.3651484 +	
3	2	0	0.5773503 +		5	1	3	0.6324555 +	
3	-2	1	0.6324555 +		5	2	3	1.0000000 +	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					7/2	3/2	1	-0.3984095	+
					7/2	5/2	1	0.4714045	+
1/2	-1/2	0	-0.3779645	-	7/2	-5/2	2	0.5039526	+
1/2	1/2	0	0.3779645	-	7/2	-3/2	2	0.5634362	+
1/2	-3/2	1	0.3086067	-	7/2	-1/2	2	0.3086067	+
1/2	-1/2	1	-0.4364358	-	7/2	1/2	2	-0.1781742	+
1/2	-5/2	2	-0.2182179	-	7/2	3/2	2	-0.6666667	+
1/2	-3/2	2	0.4879500	-	7/2	-5/2	3	0.3086067	+
1/2	-5/2	3	-0.5345225	-	7/2	-3/2	3	0.5345225	+
3/2	-3/2	0	-0.4140393	+	7/2	-1/2	3	0.6546537	+
3/2	-1/2	0	0.3380617	+	7/2	1/2	3	0.5773503	+
3/2	1/2	0	0.3380617	+	9/2	-5/2	0	-0.6154575	-
3/2	3/2	0	-0.4140393	+	9/2	-3/2	0	-0.5405625	-
3/2	-5/2	1	0.2672612	+	9/2	-1/2	0	-0.2080626	-
3/2	-3/2	1	-0.4830459	+	9/2	1/2	0	0.2080626	-
3/2	-1/2	1	-0.0975900	+	9/2	3/2	0	0.5405625	-
3/2	1/2	1	0.5070926	+	9/2	5/2	0	0.6154575	-
3/2	-5/2	2	0.4879500	+	9/2	-5/2	1	-0.4652421	-
3/2	-3/2	2	-0.2182179	+	9/2	-3/2	1	-0.5945884	-
3/2	-1/2	2	-0.5345225	+	9/2	-1/2	1	-0.4805000	-
3/2	-5/2	3	0.5976143	+	9/2	1/2	1	-0.1471225	-
3/2	-3/2	3	0.4629100	+	9/2	3/2	1	0.3178209	-
5/2	-5/2	0	-0.3450328	-	9/2	5/2	1	0.7106691	-
5/2	-3/2	0	0.4830459	-	9/2	-5/2	2	-0.3003125	-
5/2	-1/2	0	0.2760262	-	9/2	-3/2	2	-0.5103545	-
5/2	1/2	0	-0.2760262	-	9/2	-1/2	2	-0.6048147	-
5/2	3/2	0	-0.4830459	-	9/2	1/2	2	-0.4974683	-
5/2	5/2	0	0.3450328	-	9/2	3/2	2	-0.1005038	-
5/2	-5/2	1	-0.5345225	-	9/2	5/2	2	0.6741999	-
5/2	-3/2	1	0.1690309	-	9/2	-5/2	3	-0.1471225	-
5/2	-1/2	1	0.4780914	-	9/2	-3/2	3	-0.3223292	-
5/2	1/2	1	0.1690309	-	9/2	-1/2	3	-0.5222330	-
5/2	3/2	1	-0.5345225	-	9/2	1/2	3	-0.6963106	-
5/2	-5/2	2	-0.5976143	-	9/2	3/2	3	-0.7385489	-
5/2	-3/2	2	-0.2672612	-	11/2	-5/2	0	0.3481553	+
5/2	-1/2	2	0.2672612	-	11/2	-3/2	0	0.5504819	+
5/2	1/2	2	0.5976143	-	11/2	-1/2	0	0.6579517	+
5/2	-5/2	3	-0.4879500	-	11/2	1/2	0	0.6579517	+
5/2	-3/2	3	-0.6172134	-	11/2	3/2	0	0.5504819	+
5/2	-1/2	3	-0.4879500	-	11/2	5/2	0	0.3481553	+
7/2	-5/2	0	0.6172134	+	11/2	-5/2	1	0.2132007	+
7/2	-3/2	0	0.0000000	+	11/2	-3/2	1	0.4029115	+
7/2	-1/2	0	-0.4364358	+	11/2	-1/2	1	0.5698029	+
7/2	1/2	0	-0.4364358	+	11/2	1/2	1	0.6741999	+
7/2	3/2	0	0.0000000	+	11/2	3/2	1	0.6741999	+
7/2	5/2	0	0.6172134	+	11/2	5/2	1	0.5222330	+
7/2	-5/2	1	0.6172134	+	11/2	-5/2	2	0.1139606	+
7/2	-3/2	1	0.3563483	+	11/2	-3/2	2	0.2548236	+
7/2	-1/2	1	-0.1259882	+	11/2	-1/2	2	0.4264014	+
7/2	1/2	1	-0.4879500	+	11/2	1/2	2	0.6030227	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					3	2	0	-0.4082483	-
					3	3	0	0.4082483	-
11/2	3/2	2	0.7385489	+	3	-3	1	-0.5773503	-
11/2	5/2	2	0.7385489	+	3	-2	1	0.0000000	-
11/2	-5/2	3	0.0465242	+	3	-1	1	0.4082483	-
11/2	-3/2	3	0.1230915	+	3	0	1	0.4082483	-
11/2	-1/2	3	0.2461830	+	3	1	1	0.0000000	-
11/2	1/2	3	0.4264014	+	3	2	1	-0.5773503	-
11/2	3/2	3	0.6741999	+	3	-3	2	-0.5773503	-
11/2	5/2	3	1.0000000	+	3	-2	2	-0.4082483	-
J1 = 3					3	-1	2	0.0000000	-
					3	0	2	0.4082483	-
					3	1	2	0.5773503	-
0	0	0	-0.3779645	+	3	-3	3	-0.4082483	-
0	-1	1	0.3779645	+	3	-2	3	-0.5773503	-
0	-2	2	-0.3779645	+	3	-1	3	-0.5773503	-
0	-3	3	0.3779645	+	3	0	3	-0.4082483	-
1	-1	0	-0.4629100	-	4	-3	0	0.6396021	+
1	0	0	0.0000000	-	4	-2	0	0.1395726	+
1	1	0	0.4629100	-	4	-1	0	-0.3120939	+
1	-2	1	0.4225771	-	4	0	0	-0.4834938	+
1	-1	1	-0.1889822	-	4	1	0	-0.3120939	+
1	0	1	-0.4629100	-	4	2	0	0.1395726	+
1	-3	2	-0.3273268	-	4	3	0	0.6396021	+
1	-2	2	0.3779645	-	4	-3	1	0.5921565	+
1	-1	2	0.4225771	-	4	-2	1	0.4558423	+
1	-3	3	-0.5669467	-	4	-1	1	0.0805823	+
1	-2	3	-0.3273268	-	4	0	1	-0.3120939	+
2	-2	0	-0.4879500	+	4	1	1	-0.5096472	+
2	-1	0	0.1543033	+	4	2	1	-0.3015113	+
2	0	0	0.4364358	+	4	3	1	0.5222330	+
2	1	0	0.1543033	+	4	-3	2	0.4413674	+
2	2	0	-0.4879500	+	4	-2	2	0.5640761	+
2	-3	1	0.3450328	+	4	-1	2	0.4558423	+
2	-2	1	-0.4225771	+	4	0	2	0.1395726	+
2	-1	1	-0.3273268	+	4	1	2	-0.3015113	+
2	0	1	0.1543033	+	4	2	2	-0.6741999	+
2	1	1	0.5345225	+	4	-3	3	0.2417469	+
2	-3	2	0.5455447	+	4	-2	3	0.4413674	+
2	-2	2	0.0000000	+	4	-1	3	0.5921565	+
2	-1	2	-0.4225771	+	4	0	3	0.6396021	+
2	0	2	-0.4879500	+	4	1	3	0.5222330	+
2	-3	3	0.5455447	+	5	-3	0	-0.5773503	-
2	-2	3	0.5455447	+	5	-2	0	-0.5773503	-
2	-1	3	0.3450328	+	5	-1	0	-0.3450328	-
3	-3	0	-0.4082483	-	5	0	0	0.0000000	-
3	-2	0	0.4082483	-	5	1	0	0.3450328	-
3	-1	0	0.4082483	-	5	2	0	0.5773503	-
3	0	0	0.0000000	-	5	3	0	0.5773503	-
3	1	0	-0.4082483	-	5	-3	1	-0.4082483	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					J1 = 7/2				
5	-2	1	-0.5669467	-	1/2	-1/2	0	-0.3779645	+
5	-1	1	-0.5455447	-	1/2	1/2	0	-0.3779645	+
5	0	1	-0.3450328	-	1/2	-3/2	1	0.4225771	+
5	1	1	0.0000000	-	1/2	-1/2	1	0.3273268	+
5	2	1	0.4082483	-	1/2	-5/2	2	-0.4629100	+
5	3	1	0.7071068	-	1/2	-3/2	2	-0.2672612	+
5	-3	2	-0.2439750	-	1/2	-7/2	3	0.5000000	+
5	-2	2	-0.4364358	-	1/2	-5/2	3	0.1889822	+
5	-1	2	-0.5669467	-	3/2	-3/2	0	-0.4879500	-
5	0	2	-0.5773503	-	3/2	-1/2	0	-0.2182179	-
5	1	2	-0.4082483	-	3/2	1/2	0	0.2182179	-
5	2	2	0.0000000	-	3/2	3/2	0	0.4879500	-
5	3	2	0.7071068	-	3/2	-5/2	1	0.4879500	-
5	-3	3	-0.1091089	-	3/2	-3/2	1	0.0000000	-
5	-2	3	-0.2439750	-	3/2	-1/2	1	-0.3779645	-
5	-1	3	-0.4082483	-	3/2	1/2	1	-0.4364358	-
5	0	3	-0.5773503	-	3/2	-7/2	2	-0.4082483	-
5	1	3	-0.7071068	-	3/2	-5/2	2	0.2672612	-
5	2	3	-0.7071068	-	3/2	-3/2	2	0.4629100	-
6	-3	0	0.3015113	+	3/2	-1/2	2	0.3450328	-
6	-2	0	0.4923660	+	3/2	-7/2	3	-0.5773503	-
6	-1	0	0.6154575	+	3/2	-5/2	3	-0.4364358	-
6	0	0	0.6579517	+	3/2	-3/2	3	-0.2182179	-
6	1	0	0.6154575	+	5/2	-5/2	0	-0.5345225	+
6	2	0	0.4923660	+	5/2	-3/2	0	0.0000000	+
6	3	0	0.3015113	+	5/2	-1/2	0	0.3779645	+
6	-3	1	0.1740777	+	5/2	1/2	0	0.3779645	+
6	-2	1	0.3370999	+	5/2	3/2	0	0.0000000	+
6	-1	1	0.4934638	+	5/2	5/2	0	-0.5345225	+
6	0	1	0.6154575	+	5/2	-7/2	1	0.4082483	+
6	1	1	0.6741999	+	5/2	-5/2	1	-0.3450328	+
6	2	1	0.6396021	+	5/2	-3/2	1	-0.4225771	+
6	3	1	0.4767313	+	5/2	-1/2	1	-0.1091089	+
6	-3	2	0.0870388	+	5/2	1/2	1	0.3086067	+
6	-2	2	0.1973855	+	5/2	3/2	1	0.5345225	+
6	-1	2	0.3370999	+	5/2	-7/2	2	0.5773503	+
6	0	2	0.4923660	+	5/2	-5/2	2	0.1543033	+
6	1	2	0.6396021	+	5/2	-3/2	2	-0.2672612	+
6	2	2	0.7385489	+	5/2	-1/2	2	-0.4879500	+
6	3	2	0.7071068	+	5/2	1/2	2	-0.4364358	+
6	-3	3	0.0328976	+	5/2	-7/2	3	0.5000000	+
6	-2	3	0.0870388	+	5/2	-5/2	3	0.5669467	+
6	-1	3	0.1740777	+	5/2	-3/2	3	0.4629100	+
6	0	3	0.3015113	+	5/2	-1/2	3	0.2672612	+
6	1	3	0.4767313	+	7/2	-7/2	0	-0.4605662	-
6	2	3	0.7071068	+	7/2	-5/2	0	0.3289758	-
6	3	3	1.0000000	+	7/2	-3/2	0	0.4605662	-
					7/2	-1/2	0	0.1973855	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					9/2	-1/2	3	0.6154575	+
					9/2	1/2	3	0.6154575	+
7/2	1/2	0	-0.1973855	-	9/2	3/2	3	0.4767313	+
7/2	3/2	0	-0.4605662	-	11/2	-7/2	0	-0.5419468	-
7/2	5/2	0	-0.3289758	-	11/2	-5/2	0	-0.5913124	-
7/2	7/2	0	0.4605662	-	11/2	-3/2	0	-0.4345241	-
7/2	-7/2	1	-0.6030227	-	11/2	-1/2	0	-0.1580349	-
7/2	-5/2	1	-0.1315903	-	11/2	1/2	0	0.1580349	-
7/2	-3/2	1	0.2942449	-	11/2	3/2	0	0.4345241	-
7/2	-1/2	1	0.4558423	-	11/2	5/2	0	0.5913124	-
7/2	1/2	1	0.2942449	-	11/2	7/2	0	0.5419468	-
7/2	3/2	1	-0.1315903	-	11/2	-7/2	1	-0.3612978	-
7/2	5/2	1	-0.6030227	-	11/2	-5/2	1	-0.5310850	-
7/2	-7/2	2	-0.5504819	-	11/2	-3/2	1	-0.5654028	-
7/2	-5/2	2	-0.4834938	-	11/2	-1/2	1	-0.4562074	-
7/2	-3/2	2	-0.1860968	-	11/2	1/2	1	-0.2159168	-
7/2	-1/2	2	0.1860968	-	11/2	3/2	1	0.1182625	-
7/2	1/2	2	0.4834938	-	11/2	5/2	1	0.4730499	-
7/2	3/2	2	0.5504819	-	11/2	7/2	1	0.6996503	-
7/2	-7/2	3	-0.3481553	-	11/2	-7/2	2	-0.2019716	-
7/2	-5/2	3	-0.5263614	-	11/2	-5/2	2	-0.3742013	-
7/2	-3/2	3	-0.5884899	-	11/2	-3/2	2	-0.5140387	-
7/2	-1/2	3	-0.5263614	-	11/2	-1/2	2	-0.5803704	-
7/2	1/2	3	-0.3481553	-	11/2	1/2	2	-0.5310850	-
9/2	-7/2	0	0.6513389	+	11/2	3/2	2	-0.3238751	-
9/2	-5/2	0	0.2461830	+	11/2	5/2	2	0.0836242	-
9/2	-3/2	0	-0.1860968	+	11/2	7/2	2	0.7337994	-
9/2	-1/2	0	-0.4413674	+	11/2	-7/2	3	-0.0836242	-
9/2	1/2	0	-0.4413674	+	11/2	-5/2	3	-0.1896419	-
9/2	3/2	0	-0.1860968	+	11/2	-3/2	3	-0.3238751	-
9/2	5/2	0	0.2461830	+	11/2	-1/2	3	-0.4730499	-
9/2	7/2	0	0.6513389	+	11/2	1/2	3	-0.6145099	-
9/2	-7/2	1	0.5640761	+	11/2	3/2	3	-0.7095749	-
9/2	-5/2	1	0.5117663	+	11/2	5/2	3	-0.6793662	-
9/2	-3/2	1	0.2302831	+	13/2	-7/2	0	0.2644429	+
9/2	-1/2	1	-0.1274118	+	13/2	-5/2	0	0.4424977	+
9/2	1/2	1	-0.4161252	+	13/2	-3/2	0	0.5712620	+
9/2	3/2	1	-0.4923660	+	13/2	-1/2	0	0.6386904	+
9/2	5/2	1	-0.2132007	+	13/2	1/2	0	0.6386904	+
9/2	7/2	1	0.5640761	+	13/2	3/2	0	0.5712620	+
9/2	-7/2	2	0.3892495	+	13/2	5/2	0	0.4424977	+
9/2	-5/2	2	0.5405625	+	13/2	7/2	0	0.2644429	+
9/2	-3/2	2	0.5201565	+	13/2	-7/2	1	0.1448414	+
9/2	-1/2	2	0.3289758	+	13/2	-5/2	1	0.2856310	+
9/2	1/2	2	0.0000000	+	13/2	-3/2	1	0.4284465	+
9/2	3/2	2	-0.3892495	+	13/2	-1/2	1	0.5531221	+
9/2	5/2	2	-0.6741999	+	13/2	1/2	1	0.6386904	+
9/2	-7/2	3	0.1946247	+	13/2	3/2	1	0.6637465	+
9/2	-5/2	3	0.3678062	+	13/2	5/2	1	0.6059149	+
9/2	-3/2	3	0.5201565	+	13/2	7/2	1	0.4385290	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					2	-2	3	-0.3273268	-
					2	-1	3	-0.1543033	-
13/2	-7/2	2	0.0682789	+	3	-3	0	-0.5640761	+
13/2	-5/2	2	0.1564466	+	3	-2	0	-0.1230915	+
13/2	-3/2	2	0.2709734	+	3	-1	0	0.2752409	+
13/2	-1/2	2	0.4039433	+	3	0	0	0.4264014	+
13/2	1/2	2	0.5419468	+	3	1	0	0.2752409	+
13/2	3/2	2	0.6637465	+	3	2	0	-0.1230915	+
13/2	5/2	2	0.7337994	+	3	3	0	-0.5640761	+
13/2	7/2	2	0.6793662	+	3	-4	1	0.4605662	+
13/2	-7/2	3	0.0241402	+	3	-3	1	-0.2659080	+
13/2	-5/2	3	0.0638690	+	3	-2	1	-0.4494666	+
13/2	-3/2	3	0.1277381	+	3	-1	1	-0.2752409	+
13/2	-1/2	3	0.2212488	+	3	0	1	0.0710669	+
13/2	1/2	3	0.3498251	+	3	1	1	0.4020151	+
13/2	3/2	3	0.5188745	+	3	2	1	0.5222330	+
13/2	5/2	3	0.7337994	+	3	-4	2	0.5945884	+
13/2	7/2	3	1.0000000	+	3	-3	2	0.2659080	+
J1 = 4					3	-2	2	-0.1230915	+
					3	-1	2	-0.4020151	+
					3	0	2	-0.4974683	+
1	-1	0	-0.3450328	+	3	1	2	-0.3892495	+
1	0	0	-0.4364358	+	3	-4	3	0.4605662	+
1	1	0	-0.3450328	+	3	-3	3	0.5640761	+
1	-2	1	0.4225771	+	3	-2	3	0.5222330	+
1	-1	1	0.4225771	+	3	-1	3	0.3892495	+
1	0	1	0.2672612	+	3	0	3	0.2132007	+
1	-3	2	-0.5000000	+	4	-4	0	-0.5045250	-
1	-2	2	-0.3779645	+	4	-3	0	0.2522625	-
1	-1	2	-0.1889822	+	4	-2	0	0.4684875	-
1	-4	3	0.5773503	+	4	-1	0	0.3243375	-
1	-3	3	0.2886751	+	4	0	0	0.0000000	-
1	-2	3	0.1091089	+	4	1	0	-0.3243375	-
2	-2	0	-0.4879500	-	4	2	0	-0.4684875	-
2	-1	0	-0.3450328	-	4	3	0	-0.2522625	-
2	0	0	0.0000000	-	4	4	0	0.5045250	-
2	1	0	0.3450328	-	4	-4	1	-0.6179144	-
2	2	0	0.4879500	-	4	-3	1	-0.2335497	-
2	-3	1	0.5270463	-	4	-2	1	0.1765470	-
2	-2	1	0.1408590	-	4	-1	1	0.4187179	-
2	-1	1	-0.2439750	-	4	0	1	0.4187179	-
2	0	1	-0.4454354	-	4	1	1	0.1765470	-
2	1	1	-0.3984095	-	4	2	1	-0.2335497	-
2	-4	2	-0.4714045	-	4	3	1	-0.6179144	-
2	-3	2	0.1666667	-	4	-4	2	-0.5222330	-
2	-2	2	0.4364358	-	4	-3	2	-0.5222330	-
2	-1	2	0.4409586	-	4	-2	2	-0.3120939	-
2	0	2	0.2817181	-	4	-1	2	0.0000000	-
2	-4	3	-0.5773503	-	4	0	2	0.3120939	-
2	-3	3	-0.5000000	-	4	1	2	0.5222330	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					6	4	0	0.5096472	-
					6	-4	1	-0.3223292	-
4	2	2	0.5222330	-	6	-3	1	-0.4938292	-
4	-4	3	-0.3015113	-	6	-2	1	-0.5618332	-
4	-3	3	-0.4767313	-	6	-1	1	-0.5149287	-
4	-2	3	-0.5698029	-	6	0	1	-0.3553345	-
4	-1	3	-0.5698029	-	6	1	1	-0.1005038	-
4	0	3	-0.4767313	-	6	2	1	0.2132007	-
4	1	3	-0.3015113	-	6	3	1	0.5201565	-
5	-4	0	0.6563301	+	6	4	1	0.6900656	-
5	-3	0	0.3281651	+	6	-4	2	-0.1698824	-
5	-2	0	-0.0716115	+	6	-3	2	-0.3228883	-
5	-1	0	-0.3636405	+	6	-2	2	-0.4605662	-
5	0	0	-0.4688072	+	6	-1	2	-0.5527708	-
5	1	0	-0.3636405	+	6	0	2	-0.5685352	-
5	2	0	-0.0716115	+	6	1	2	-0.4767313	-
5	3	0	0.3281651	+	6	2	2	-0.2461830	-
5	4	0	0.6563301	+	6	3	2	0.1543033	-
5	-4	1	0.5358913	+	6	4	2	0.7559289	-
5	-3	1	0.5414447	+	6	-4	3	-0.0657952	-
5	-2	1	0.3359785	+	6	-3	3	-0.1507557	-
5	-1	1	0.0302614	+	6	-2	3	-0.2611165	-
5	0	1	-0.2717914	+	6	-1	3	-0.3892495	-
5	1	1	-0.4677643	+	6	0	3	-0.5222330	-
5	2	1	-0.4557327	+	6	1	3	-0.6396021	-
5	3	1	-0.1339728	+	6	2	3	-0.7071068	-
5	4	1	0.5991447	+	6	3	3	-0.6546537	-
5	-4	2	0.3459163	+	7	-4	0	0.2344036	+
5	-3	2	0.5084752	+	7	-3	0	0.3998001	+
5	-2	2	0.5413320	+	7	-2	0	0.5288859	+
5	-1	2	0.4367853	+	7	-1	0	0.6107048	+
5	0	2	0.2067246	+	7	0	0	0.6386904	+
5	1	2	-0.1132277	+	7	1	0	0.6107048	+
5	2	2	-0.4529108	+	7	2	0	0.5288859	+
5	3	2	-0.6698641	+	7	3	0	0.3998001	+
5	-4	3	0.1601282	+	7	4	0	0.2344036	+
5	-3	3	0.3100868	+	7	-4	1	0.1224133	+
5	-2	3	0.4539206	+	7	-3	1	0.2448266	+
5	-1	3	0.5661385	+	7	-2	1	0.3739788	+
5	0	3	0.6201737	+	7	-1	1	0.4947274	+
5	1	3	0.5883484	+	7	0	1	0.5913124	+
5	2	3	0.4385290	+	7	1	1	0.6477503	+
6	-4	0	-0.5096472	-	7	2	1	0.6477503	+
6	-3	0	-0.5921565	-	7	3	1	0.5741693	+
6	-2	0	-0.4923660	-	7	4	1	0.4059990	+
6	-1	0	-0.2752409	-	7	-4	2	0.0547449	+
6	0	0	0.0000000	-	7	-3	2	0.1264279	+
6	1	0	0.2752409	-	7	-2	2	0.2212488	+
6	2	0	0.4923660	-	7	-1	2	0.3344968	+
6	3	0	0.5921565	-	7	0	2	0.4580286	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					5/2	-1/2	2	0.3953189	-
					5/2	1/2	2	0.2326211	-
7	1	2	0.5793655	+	5/2	-9/2	3	-0.5720776	-
7	2	2	0.6793662	+	5/2	-7/2	3	-0.5393599	-
7	3	2	0.7262730	+	5/2	-5/2	3	-0.4045199	-
7	4	2	0.6546537	+	5/2	-3/2	3	-0.2496751	-
7	-4	3	0.0182483	+	5/2	-1/2	3	-0.1139606	-
7	-3	3	0.0482805	+	7/2	-7/2	0	-0.5825753	+
7	-2	3	0.0965609	+	7/2	-5/2	0	-0.2201928	+
7	-1	3	0.1672484	+	7/2	-3/2	0	0.1664501	+
7	0	3	0.2644429	+	7/2	-1/2	0	0.3947710	+
7	1	3	0.3922323	+	7/2	1/2	0	0.3947710	+
7	2	3	0.5547002	+	7/2	3/2	0	0.1664501	+
7	3	3	0.7559289	+	7/2	5/2	0	-0.2201928	+
7	4	3	1.0000000	+	7/2	7/2	0	-0.5825753	+
J1 = 9/2					7/2	-9/2	1	0.5045250	+
					7/2	-7/2	1	-0.1906925	+
					7/2	-5/2	1	-0.4403855	+
3/2	-3/2	0	-0.3086067	+	7/2	-3/2	1	-0.3721937	+
3/2	-1/2	0	-0.4364358	+	7/2	-1/2	1	-0.1139606	+
3/2	1/2	0	-0.4364358	+	7/2	1/2	1	0.2059715	+
3/2	3/2	0	-0.3086067	+	7/2	3/2	1	0.4577377	+
3/2	-5/2	1	0.4082483	+	7/2	5/2	1	0.5045250	+
3/2	-3/2	1	0.4629100	+	7/2	-9/2	2	0.6030227	+
3/2	-1/2	1	0.3779645	+	7/2	-7/2	2	0.3481553	+
3/2	1/2	1	0.2182179	+	7/2	-5/2	2	0.0000000	+
3/2	-7/2	2	-0.5163978	+	7/2	-3/2	2	-0.2942449	+
3/2	-5/2	2	-0.4472136	+	7/2	-1/2	2	-0.4652421	+
3/2	-3/2	2	-0.2927700	+	7/2	1/2	2	-0.4834938	+
3/2	-1/2	2	-0.1380131	+	7/2	3/2	2	-0.3481553	+
3/2	-9/2	3	0.6324555	+	7/2	-9/2	3	0.4264014	+
3/2	-7/2	3	0.3651484	+	7/2	-7/2	3	0.5504819	+
3/2	-5/2	3	0.1825742	+	7/2	-5/2	3	0.5504819	+
3/2	-3/2	3	0.0690066	+	7/2	-3/2	3	0.4652421	+
5/2	-5/2	0	-0.4767313	-	7/2	-1/2	3	0.3289758	+
5/2	-3/2	0	-0.4187179	-	7/2	1/2	3	0.1740777	+
5/2	-1/2	0	-0.1611646	-	9/2	-9/2	0	-0.5419468	-
5/2	1/2	0	0.1611646	-	9/2	-7/2	0	0.1806489	-
5/2	3/2	0	0.4187179	-	9/2	-5/2	0	0.4516223	-
5/2	5/2	0	0.4767313	-	9/2	-3/2	0	0.4000083	-
5/2	-7/2	1	0.5504819	-	9/2	-1/2	0	0.1548419	-
5/2	-5/2	1	0.2461830	-	9/2	1/2	0	-0.1548419	-
5/2	-3/2	1	-0.1139606	-	9/2	3/2	0	-0.4000083	-
5/2	-1/2	1	-0.3721937	-	9/2	5/2	0	-0.4516223	-
5/2	1/2	1	-0.4605662	-	9/2	7/2	0	-0.1806489	-
5/2	3/2	1	-0.3603750	-	9/2	9/2	0	0.5419468	-
5/2	-9/2	2	-0.5222330	-	9/2	-9/2	1	-0.6257862	-
5/2	-7/2	2	0.0778499	-	9/2	-7/2	1	-0.3128931	-
5/2	-5/2	2	0.3853373	-	9/2	-5/2	1	0.0682789	-
5/2	-3/2	2	0.4684875	-	9/2	-3/2	1	0.3467176	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					11/2	7/2	2	-0.6629935	+
					11/2	-9/2	3	0.1340970	+
9/2	-1/2	1	0.4469902	-	11/2	-7/2	3	0.2644429	+
9/2	1/2	1	0.3467176	-	11/2	-5/2	3	0.3966644	+
9/2	3/2	1	0.0682789	-	11/2	-3/2	3	0.5120916	+
9/2	5/2	1	-0.3128931	-	11/2	-1/2	3	0.5913124	+
9/2	7/2	1	-0.6257862	-	11/2	1/2	3	0.6145099	+
9/2	-9/2	2	-0.4947274	-	11/2	3/2	3	0.5609682	+
9/2	-7/2	2	-0.5397919	-	11/2	5/2	3	0.4059990	+
9/2	-5/2	2	-0.3966644	-	13/2	-9/2	0	-0.4803845	-
9/2	-3/2	2	-0.1442655	-	13/2	-7/2	0	-0.5853694	-
9/2	-1/2	2	0.1442655	-	13/2	-5/2	0	-0.5288859	-
9/2	1/2	2	0.3966644	-	13/2	-3/2	0	-0.3612978	-
9/2	3/2	2	0.5397919	-	13/2	-1/2	0	-0.1277381	-
9/2	5/2	2	0.4947274	-	13/2	1/2	0	0.1277381	-
9/2	-9/2	3	-0.2644429	-	13/2	3/2	0	0.3612978	-
9/2	-7/2	3	-0.4318335	-	13/2	5/2	0	0.5288859	-
9/2	-5/2	3	-0.5397919	-	13/2	7/2	0	0.5853694	-
9/2	-3/2	3	-0.5770618	-	13/2	9/2	0	0.4803845	-
9/2	-1/2	3	-0.5397919	-	13/2	-9/2	1	-0.2896827	-
9/2	1/2	3	-0.4318335	-	13/2	-7/2	1	-0.4580286	-
9/2	3/2	3	-0.2644429	-	13/2	-5/2	1	-0.5462310	-
11/2	-9/2	0	0.6569387	+	13/2	-3/2	1	-0.5419468	-
11/2	-7/2	0	0.3917225	+	13/2	-1/2	1	-0.4424977	-
11/2	-5/2	0	0.0282701	+	13/2	1/2	1	-0.2554762	-
11/2	-3/2	0	-0.2748172	+	13/2	3/2	1	0.0000000	-
11/2	-1/2	0	-0.4424977	+	13/2	5/2	1	0.2896827	-
11/2	1/2	0	-0.4424977	+	13/2	7/2	1	0.5547002	-
11/2	3/2	0	-0.2748172	+	13/2	9/2	1	0.6793662	-
11/2	5/2	0	0.0282701	+	13/2	-9/2	2	-0.1448414	-
11/2	7/2	0	0.3917225	+	13/2	-7/2	2	-0.2806918	-
11/2	9/2	0	0.6569387	+	13/2	-5/2	2	-0.4113767	-
11/2	-9/2	1	0.5088625	+	13/2	-3/2	2	-0.5141358	-
11/2	-7/2	1	0.5549403	+	13/2	-1/2	2	-0.5655206	-
11/2	-5/2	1	0.4097139	+	13/2	1/2	2	-0.5419468	-
11/2	-3/2	1	0.1564466	+	13/2	3/2	2	-0.4197902	-
11/2	-1/2	1	-0.1277381	+	13/2	5/2	2	-0.1754116	-
11/2	1/2	1	-0.3670585	+	13/2	7/2	2	0.2148345	-
11/2	3/2	1	-0.4861724	+	13/2	9/2	2	0.7745967	-
11/2	5/2	1	-0.4099170	+	13/2	-9/2	3	-0.0528886	-
11/2	7/2	1	-0.0632140	+	13/2	-7/2	3	-0.1221410	-
11/2	9/2	1	0.6289709	+	13/2	-5/2	3	-0.2137467	-
11/2	-9/2	2	0.3096839	+	13/2	-3/2	3	-0.3231546	-
11/2	-7/2	2	0.4744557	+	13/2	-1/2	3	-0.4424977	-
11/2	-5/2	2	0.5397919	+	13/2	1/2	3	-0.5597202	-
11/2	-3/2	2	0.4947274	+	13/2	3/2	3	-0.6563301	-
11/2	-1/2	2	0.3413944	+	13/2	5/2	3	-0.7016464	-
11/2	1/2	2	0.0965609	+	13/2	7/2	3	-0.6324555	-
11/2	3/2	2	-0.2048366	+	15/2	-9/2	0	0.2096570	+
11/2	5/2	2	-0.4997502	+	15/2	-7/2	0	0.3631365	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					2	-1	1	0.4413674 +	
					2	0	1	0.3289758 +	
15/2	-5/2	0	0.4896532 +		2	1	1	0.1801875 +	
15/2	-3/2	0	0.5793655 +		2	-4	2	-0.5222330 +	
15/2	-1/2	0	0.6257862 +		2	-3	2	-0.4923660 +	
15/2	1/2	0	0.6257862 +		2	-2	2	-0.3692745 +	
15/2	3/2	0	0.5793655 +		2	-1	2	-0.2279212 +	
15/2	5/2	0	0.4896532 +		2	0	2	-0.1040313 +	
15/2	7/2	0	0.3631365 +		2	-5	3	0.6741999 +	
15/2	9/2	0	0.2096570 +		2	-4	3	0.4264014 +	
15/2	-9/2	1	0.1048285 +		2	-3	3	0.2461830 +	
15/2	-7/2	1	0.2120260 +		2	-2	3	0.1230915 +	
15/2	-5/2	1	0.3284693 +		2	-1	3	0.0465242 +	
15/2	-3/2	1	0.4424977 +		3	-3	0	-0.4605662 -	
15/2	-1/2	1	0.5419468 +		3	-2	0	-0.4605662 -	
15/2	1/2	1	0.6145099 +		3	-1	0	-0.2752409 -	
15/2	3/2	1	0.6477503 +		3	0	0	0.0000000 -	
15/2	5/2	1	0.6289709 +		3	1	0	0.2752409 -	
15/2	7/2	1	0.5447048 +		3	2	0	0.4605662 -	
15/2	9/2	1	0.3779645 +		3	3	0	0.4605662 -	
15/2	-9/2	2	0.0446990 +		3	-4	1	0.5640761 -	
15/2	-7/2	2	0.1038711 +		3	-3	1	0.3256695 -	
15/2	-5/2	2	0.1832114 +		3	-2	1	0.0000000 -	
15/2	-3/2	2	0.2798601 +		3	-1	1	-0.2752409 -	
15/2	-1/2	2	0.3886502 +		3	0	1	-0.4351941 -	
15/2	1/2	2	0.5017452 +		3	1	1	-0.4522670 -	
15/2	3/2	2	0.6076436 +		3	2	1	-0.3256695 -	
15/2	5/2	2	0.6890031 +		3	-5	2	-0.5640761 -	
15/2	7/2	2	0.7171372 +		3	-4	2	0.0000000 -	
15/2	9/2	2	0.6324555 +		3	-3	2	0.3256695 -	
15/2	-9/2	3	0.0141351 +		3	-2	2	0.4605662 -	
15/2	-7/2	3	0.0373979 +		3	-1	2	0.4522670 -	
15/2	-5/2	3	0.0747958 +		3	0	2	0.3481553 -	
15/2	-3/2	3	0.1295501 +		3	1	2	0.1946247 -	
15/2	-1/2	3	0.2048366 +		3	-5	3	-0.5640761 -	
15/2	1/2	3	0.3038218 +		3	-4	3	-0.5640761 -	
15/2	3/2	3	0.4296689 +		3	-3	3	-0.4605662 -	
15/2	5/2	3	0.5855400 +		3	-2	3	-0.3256695 -	
15/2	7/2	3	0.7745967 +		3	-1	3	-0.1946247 -	
15/2	9/2	3	1.0000000 +		3	0	3	-0.0870388 -	
J1 = 5					4	-4	0	-0.5936729 +	
					4	-3	0	-0.2968365 +	
					4	-2	0	0.0647750 +	
2	-2	0	-0.2752409 +		4	-1	0	0.3289252 +	
2	-1	0	-0.4161252 +		4	0	0	0.4240521 +	
2	0	0	-0.4652421 +		4	1	0	0.3289252 +	
2	1	0	-0.4161252 +		4	2	0	0.0647750 +	
2	2	0	-0.2752409 +		4	3	0	-0.2968365 +	
2	-3	1	0.3892495 +		4	4	0	-0.5936729 +	
2	-2	1	0.4767313 +		4	-5	1	0.5419468 +	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					5	-1	2	0.0000000	-
					5	0	2	0.2531848	-
4	-4	1	-0.1211830	+	5	1	2	0.4529108	-
4	-3	1	-0.4122258	+	5	2	2	0.5447048	-
4	-2	1	-0.4231087	+	5	3	2	0.4688072	-
4	-1	1	-0.2458446	+	5	-5	3	-0.2344036	-
4	0	1	0.0273724	+	5	-4	3	-0.3922323	-
4	1	1	0.3039040	+	5	-3	3	-0.5063697	-
4	2	1	0.4897552	+	5	-2	3	-0.5661385	-
4	3	1	0.4847319	+	5	-1	3	-0.5661385	-
4	-5	2	0.6059149	+	5	0	3	-0.5063697	-
4	-4	2	0.4096732	+	5	1	3	-0.3922323	-
4	-3	2	0.1024183	+	5	2	3	-0.2344036	-
4	-2	2	-0.1869894	+	6	-5	0	0.6546537	+
4	-1	2	-0.3950872	+	6	-4	0	0.4413674	+
4	0	2	-0.4896532	+	6	-3	0	0.1139606	+
4	1	2	-0.4599331	+	6	-2	0	-0.1860968	+
4	2	2	-0.3128931	+	6	-1	0	-0.3892495	+
4	-5	3	0.3966644	+	6	0	0	-0.4605662	+
4	-4	3	0.5321812	+	6	1	0	-0.3892495	+
4	-3	3	0.5609682	+	6	2	0	-0.1860968	+
4	-2	3	0.5120916	+	6	3	0	0.1139606	+
4	-1	3	0.4105867	+	6	4	0	0.4413674	+
4	0	3	0.2804841	+	6	5	0	0.6546537	+
4	1	3	0.1448414	+	6	-5	1	0.4834938	+
5	-5	0	-0.5741693	-	6	-4	1	0.5582905	+
5	-4	0	0.1148339	-	6	-3	1	0.4605662	+
5	-3	0	0.4210575	-	6	-2	1	0.2548236	+
5	-2	0	0.4401964	-	6	-1	1	0.0000000	+
5	-1	0	0.2679457	-	6	0	1	-0.2461830	+
5	0	0	0.0000000	-	6	1	1	-0.4264014	+
5	1	0	-0.2679457	-	6	2	1	-0.4834938	+
5	2	0	-0.4401964	-	6	3	1	-0.3603750	+
5	3	0	-0.4210575	-	6	4	1	0.0000000	+
5	4	0	-0.1148339	-	6	5	1	0.6546537	+
5	5	0	0.5741693	-	6	-5	2	0.2791453	+
5	-5	1	-0.6289709	-	6	-4	2	0.4413674	+
5	-4	1	-0.3750458	-	6	-3	2	0.5263614	+
5	-3	1	-0.0270666	-	6	-2	2	0.5222330	+
5	-2	1	0.2631174	-	6	-1	2	0.4264014	+
5	-1	1	0.4236593	-	6	0	2	0.2461830	+
5	0	1	0.4236593	-	6	1	2	0.0000000	+
5	1	1	0.2631174	-	6	2	2	-0.2791453	+
5	2	1	-0.0270666	-	6	3	2	-0.5345225	+
5	3	1	-0.3750458	-	6	4	2	-0.6546537	+
5	4	1	-0.6289709	-	6	-5	3	0.1139606	+
5	-5	2	-0.4688072	-	6	-4	3	0.2279212	+
5	-4	2	-0.5447048	-	6	-3	3	0.3481553	+
5	-3	2	-0.4529108	-	6	-2	3	0.4605662	+
5	-2	2	-0.2531848	-	6	-1	3	0.5504819	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					8	-4	0	0.3314968	+
					8	-3	0	0.4539206	+
6	0	3	0.6030227	+	8	-2	0	0.5474489	+
6	1	3	0.6030227	+	8	-1	0	0.6059149	+
6	2	3	0.5345225	+	8	0	0	0.6257862	+
6	3	3	0.3779645	+	8	1	0	0.6059149	+
7	-5	0	-0.4539206	-	8	2	0	0.5474489	+
7	-4	0	-0.5741693	-	8	3	0	0.4539206	+
7	-3	0	-0.5508598	-	8	4	0	0.3314968	+
7	-2	0	-0.4240521	-	8	5	0	0.1889822	+
7	-1	0	-0.2290143	-	8	-5	1	0.0907841	+
7	0	0	0.0000000	-	8	-4	1	0.1853123	+
7	1	0	0.2290143	-	8	-3	1	0.2903286	+
7	2	0	0.4240521	-	8	-2	1	0.3966644	+
7	3	0	0.5508598	-	8	-1	1	0.4947274	+
7	4	0	0.5741693	-	8	0	1	0.5748213	+
7	5	0	0.4539206	-	8	1	1	0.6271815	+
7	-5	1	-0.2620712	-	8	2	1	0.6419407	+
7	-4	1	-0.4247877	-	8	3	1	0.6089985	+
7	-3	1	-0.5247377	-	8	4	1	0.5175492	+
7	-2	1	-0.5497252	-	8	5	1	0.3535534	+
7	-1	1	-0.4947274	-	8	-5	2	0.0370625	+
7	0	1	-0.3621034	-	8	-4	2	0.0865593	+
7	1	1	-0.1619376	-	8	-3	2	0.1536275	+
7	2	1	0.0865593	-	8	-2	2	0.2365250	+
7	3	1	0.3516054	-	8	-1	2	0.3318733	+
7	4	1	0.5801194	-	8	0	2	0.4345241	+
7	5	1	0.6681531	-	8	1	2	0.5370862	+
7	-5	2	-0.1249375	-	8	2	2	0.6289709	+
7	-4	2	-0.2458446	-	8	3	2	0.6943651	+
7	-3	2	-0.3677496	-	8	4	2	0.7071068	+
7	-2	2	-0.4730499	-	8	5	2	0.6123724	+
7	-1	2	-0.5435573	-	8	-5	3	0.0111748	+
7	0	2	-0.5609682	-	8	-4	3	0.0295656	+
7	1	2	-0.5069448	-	8	-3	3	0.0591312	+
7	2	2	-0.3631365	-	8	-2	3	0.1024183	+
7	3	2	-0.1111874	-	8	-1	3	0.1619376	+
7	4	2	0.2672612	-	8	0	3	0.2401922	+
7	5	2	0.7905694	-	8	1	3	0.3396831	+
7	-5	3	-0.0432796	-	8	2	3	0.4629100	+
7	-4	3	-0.1005728	-	8	3	3	0.6123724	+
7	-3	3	-0.1773937	-	8	4	3	0.7905694	+
7	-2	3	-0.2709734	-	8	5	3	1.0000000	+
7	-1	3	-0.3763089	-					
7	0	3	-0.4858127	-					
7	1	3	-0.5883484	-	J1 = 11/2				
7	2	3	-0.6671244	-	5/2	-5/2	0	-0.2461830	+
7	3	3	-0.6943651	-	5/2	-3/2	0	-0.3892495	+
7	4	3	-0.6123724	-	5/2	-1/2	0	-0.4652421	+
8	-5	0	0.1889822	+	5/2	1/2	0	-0.4652421	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					7/2	-3/2	3	-0.2644429	-
					7/2	-1/2	3	-0.1548419	-
5/2	3/2	0	-0.3892495	+	7/2	1/2	3	-0.0682789	-
5/2	5/2	0	-0.2461830	+	9/2	-9/2	0	-0.5997002	+
5/2	-7/2	1	0.3692745	+	9/2	-7/2	0	-0.3575921	+
5/2	-5/2	1	0.4767313	+	9/2	-5/2	0	-0.0258070	+
5/2	-3/2	1	0.4767313	+	9/2	-3/2	0	0.2508726	+
5/2	-1/2	1	0.4029115	+	9/2	-1/2	0	0.4039433	+
5/2	1/2	1	0.2849014	+	9/2	1/2	0	0.4039433	+
5/2	3/2	1	0.1507557	+	9/2	3/2	0	0.2508726	+
5/2	-9/2	2	-0.5222330	+	9/2	5/2	0	-0.0258070	+
5/2	-7/2	2	-0.5222330	+	9/2	7/2	0	-0.3575921	+
5/2	-5/2	2	-0.4264014	+	9/2	9/2	0	-0.5997002	+
5/2	-3/2	2	-0.3015113	+	9/2	-11/2	1	0.5741693	+
5/2	-1/2	2	-0.1801875	+	9/2	-9/2	1	-0.0577062	+
5/2	1/2	2	-0.0805823	+	9/2	-7/2	1	-0.3742013	+
5/2	-11/2	3	0.7071068	+	9/2	-5/2	1	-0.4438127	+
5/2	-9/2	3	0.4767313	+	9/2	-3/2	1	-0.3350770	+
5/2	-7/2	3	0.3015113	+	9/2	-1/2	1	-0.1166084	+
5/2	-5/2	3	0.1740777	+	9/2	1/2	1	0.1428155	+
5/2	-3/2	3	0.0870388	+	9/2	3/2	1	0.3740159	+
5/2	-1/2	3	0.0328976	+	9/2	5/2	1	0.5065888	+
7/2	-7/2	0	-0.4424977	-	9/2	7/2	1	0.4645258	+
7/2	-5/2	0	-0.4828045	-	9/2	-11/2	2	0.6052275	+
7/2	-3/2	0	-0.3547874	-	9/2	-9/2	2	0.4562074	+
7/2	-1/2	0	-0.1290349	-	9/2	-7/2	2	0.1869894	+
7/2	1/2	0	0.1290349	-	9/2	-5/2	2	-0.0881476	+
7/2	3/2	0	0.3547874	-	9/2	-3/2	2	-0.3116490	+
7/2	5/2	0	0.4828045	-	9/2	-1/2	2	-0.4516223	+
7/2	7/2	0	0.4424977	-	9/2	1/2	2	-0.4927603	+
7/2	-9/2	1	0.5712620	-	9/2	3/2	2	-0.4331168	+
7/2	-7/2	1	0.3862436	-	9/2	5/2	2	-0.2827014	+
7/2	-5/2	1	0.0965609	-	9/2	-11/2	3	0.3706247	+
7/2	-3/2	1	-0.1762953	-	9/2	-9/2	3	0.5120916	+
7/2	-1/2	1	-0.3724918	-	9/2	-7/2	3	0.5609682	+
7/2	1/2	1	-0.4616494	-	9/2	-5/2	3	0.5397919	+
7/2	3/2	1	-0.4336291	-	9/2	-3/2	3	0.4674735	+
7/2	5/2	1	-0.2949985	-	9/2	-1/2	3	0.3621034	+
7/2	-11/2	2	-0.5991447	-	9/2	1/2	3	0.2414023	+
7/2	-9/2	2	-0.0682789	-	9/2	3/2	3	0.1224133	+
7/2	-7/2	2	0.2644429	-	11/2	-11/2	0	-0.6021938	-
7/2	-5/2	2	0.4336291	-	11/2	-9/2	0	0.0547449	-
7/2	-3/2	2	0.4738705	-	11/2	-7/2	0	0.3832142	-
7/2	-1/2	2	0.4197108	-	11/2	-5/2	0	0.4562074	-
7/2	1/2	2	0.3055341	-	11/2	-3/2	0	0.3467176	-
7/2	3/2	2	0.1649091	-	11/2	-1/2	0	0.1277381	-
7/2	-11/2	3	-0.5547002	-	11/2	1/2	0	-0.1277381	-
7/2	-9/2	3	-0.5793655	-	11/2	3/2	0	-0.3467176	-
7/2	-7/2	3	-0.5017452	-	11/2	5/2	0	-0.4562074	-
7/2	-5/2	3	-0.3862436	-	11/2	7/2	0	-0.3832142	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					13/2	-3/2	1	0.1079584	+
					13/2	-1/2	1	-0.1277381	+
11/2	9/2	0	-0.0547449	-	13/2	1/2	1	-0.3318733	+
11/2	11/2	0	0.6021938	-	13/2	3/2	1	-0.4599331	+
11/2	-11/2	1	-0.6289709	-	13/2	5/2	1	-0.4674735	+
11/2	-9/2	1	-0.4240521	-	13/2	7/2	1	-0.3100868	+
11/2	-7/2	1	-0.1094898	-	13/2	9/2	1	0.0566139	+
11/2	-5/2	1	0.1787961	-	13/2	11/2	1	0.6770032	+
11/2	-3/2	1	0.3739788	-	13/2	-11/2	2	0.2531848	+
11/2	-1/2	1	0.4424977	-	13/2	-9/2	2	0.4103839	+
11/2	1/2	1	0.3739788	-	13/2	-7/2	2	0.5069448	+
11/2	3/2	1	0.1787961	-	13/2	-5/2	2	0.5310850	+
11/2	5/2	1	-0.1094898	-	13/2	-3/2	2	0.4779521	+
11/2	7/2	1	-0.4240521	-	13/2	-1/2	2	0.3498251	+
11/2	9/2	1	-0.6289709	-	13/2	1/2	2	0.1564466	+
11/2	-11/2	2	-0.4447496	-	13/2	3/2	2	-0.0836242	+
11/2	-9/2	2	-0.5419468	-	13/2	5/2	2	-0.3396831	+
11/2	-7/2	2	-0.4896532	-	13/2	7/2	2	-0.5604485	+
11/2	-5/2	2	-0.3344968	-	13/2	9/2	2	-0.6454972	+
11/2	-3/2	2	-0.1182625	-	13/2	-11/2	3	0.0980581	+
11/2	-1/2	2	0.1182625	-	13/2	-9/2	3	0.1983322	+
11/2	1/2	2	0.3344968	-	13/2	-7/2	3	0.3072549	+
11/2	3/2	2	0.4896532	-	13/2	-5/2	3	0.4139187	+
11/2	5/2	2	0.5419468	-	13/2	-3/2	3	0.5069448	+
11/2	7/2	2	0.4447496	-	13/2	-1/2	3	0.5748213	+
11/2	-11/2	3	-0.2096570	-	13/2	1/2	3	0.6059149	+
11/2	-9/2	3	-0.3575921	-	13/2	3/2	3	0.5883484	+
11/2	-7/2	3	-0.4730499	-	13/2	5/2	3	0.5095247	+
11/2	-5/2	3	-0.5462310	-	13/2	7/2	3	0.3535534	+
11/2	-3/2	3	-0.5712620	-	15/2	-11/2	0	-0.4299697	-
11/2	-1/2	3	-0.5462310	-	15/2	-9/2	0	-0.5604966	-
11/2	1/2	3	-0.4730499	-	15/2	-7/2	0	-0.5627984	-
11/2	3/2	3	-0.3575921	-	15/2	-5/2	0	-0.4694336	-
11/2	5/2	3	-0.2096570	-	15/2	-3/2	0	-0.3085432	-
13/2	-11/2	0	0.6504436	+	15/2	-1/2	0	-0.1073215	-
13/2	-9/2	0	0.4803845	+	15/2	1/2	0	0.1073215	-
13/2	-7/2	0	0.1869894	+	15/2	3/2	0	0.3085432	-
13/2	-5/2	0	-0.1024183	+	15/2	5/2	0	0.4694336	-
13/2	-3/2	0	-0.3238751	+	15/2	7/2	0	0.5627984	-
13/2	-1/2	0	-0.4424977	+	15/2	9/2	0	0.5604966	-
13/2	1/2	0	-0.4424977	+	15/2	11/2	0	0.4299697	-
13/2	3/2	0	-0.3238751	+	15/2	-11/2	1	-0.2385043	-
13/2	5/2	0	-0.1024183	+	15/2	-9/2	1	-0.3944235	-
13/2	7/2	0	0.1869894	+	15/2	-7/2	1	-0.5007291	-
13/2	9/2	0	0.4803845	+	15/2	-5/2	1	-0.5458364	-
13/2	11/2	0	0.6504436	+	15/2	-3/2	1	-0.5236751	-
13/2	-11/2	1	0.4599331	+	15/2	-1/2	1	-0.4337345	-
13/2	-9/2	1	0.5552252	+	15/2	1/2	1	-0.2810335	-
13/2	-7/2	1	0.4950218	+	15/2	3/2	1	-0.0766582	-
13/2	-5/2	1	0.3305537	+	15/2	5/2	1	0.1607996	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					17/2	9/2	1	0.4925922 +	
					17/2	11/2	1	0.3321056 +	
15/2	7/2	1	0.4019989 -		17/2	-11/2	2	0.0311387 +	
15/2	9/2	1	0.5987850 -		17/2	-9/2	2	0.0730267 +	
15/2	11/2	1	0.6567896 -		17/2	-7/2	2	0.1302625 +	
15/2	-11/2	2	-0.1088618 -		17/2	-5/2	2	0.2018018 +	
15/2	-9/2	2	-0.2168672 -		17/2	-3/2	2	0.2853909 +	
15/2	-7/2	2	-0.3296302 -		17/2	-1/2	2	0.3775367 +	
15/2	-5/2	2	-0.4332600 -		17/2	1/2	2	0.4732673 +	
15/2	-3/2	2	-0.5133618 -		17/2	3/2	2	0.5656626 +	
15/2	-1/2	2	-0.5554413 -		17/2	5/2	2	0.6449546 +	
15/2	1/2	2	-0.5449744 -		17/2	7/2	2	0.6966305 +	
15/2	3/2	2	-0.4674264 -		17/2	9/2	2	0.6966305 +	
15/2	5/2	2	-0.3082574 -		17/2	11/2	2	0.5940885 +	
15/2	7/2	2	-0.0529256 -		17/2	-11/2	3	0.0089890 +	
15/2	9/2	2	0.3131121 -		17/2	-9/2	3	0.0237826 +	
15/2	11/2	2	0.8043997 -		17/2	-7/2	3	0.0475651 +	
15/2	-11/2	3	-0.0359559 -		17/2	-5/2	3	0.0823853 +	
15/2	-9/2	3	-0.0839748 -		17/2	-3/2	3	0.1302625 +	
15/2	-7/2	3	-0.1490405 -		17/2	-1/2	3	0.1932106 +	
15/2	-5/2	3	-0.2294629 -		17/2	1/2	3	0.2732410 +	
15/2	-3/2	3	-0.3219644 -		17/2	3/2	3	0.3723647 +	
15/2	-1/2	3	-0.4215503 -		17/2	5/2	3	0.4925922 +	
15/2	1/2	3	-0.5210501 -		17/2	7/2	3	0.6359338 +	
15/2	3/2	3	-0.6101914 -		17/2	9/2	3	0.8043997 +	
15/2	5/2	3	-0.6736331 -		17/2	11/2	3	1.0000000 +	
15/2	7/2	3	-0.6859943 -						
15/2	9/2	3	-0.5940885 -		J1 = 6				
17/2	-11/2	0	0.1714986 +		3	-3	0	-0.2212488 +	
17/2	-9/2	0	0.3040345 +		3	-2	0	-0.3612978 +	
17/2	-7/2	0	0.4216200 +		3	-1	0	-0.4516223 +	
17/2	-5/2	0	0.5163769 +		3	0	0	-0.4828045 +	
17/2	-3/2	0	0.5825517 +		3	1	0	-0.4516223 +	
17/2	-1/2	0	0.6165148 +		3	2	0	-0.3612978 +	
17/2	1/2	0	0.6165148 +		3	3	0	-0.2212488 +	
17/2	3/2	0	0.5825517 +		3	-4	1	0.3498251 +	
17/2	5/2	0	0.5163769 +		3	-3	1	0.4693397 +	
17/2	7/2	0	0.4216200 +		3	-2	1	0.4947274 +	
17/2	9/2	0	0.3040345 +		3	-1	1	0.4516223 +	
17/2	11/2	0	0.1714986 +		3	0	1	0.3621034 +	
17/2	-11/2	1	0.0793884 +		3	1	1	0.2473637 +	
17/2	-9/2	1	0.1632927 +		3	2	1	0.1277381 +	
17/2	-7/2	1	0.2581885 +		3	-5	2	-0.5188745 +	
17/2	-5/2	1	0.3567386 +		3	-4	2	-0.5419468 +	
17/2	-3/2	1	0.4512426 +		3	-3	2	-0.4693397 +	
17/2	-1/2	1	0.5339175 +		3	-2	2	-0.3612978 +	
17/2	1/2	1	0.5969379 +		3	-1	2	-0.2473637 +	
17/2	3/2	1	0.6324300 +		3	0	2	-0.1448414 +	
17/2	5/2	1	0.6324300 +		3	1	2	-0.0638690 +	
17/2	7/2	1	0.5887603 +						

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					5	1	0	0.3580574 +	
					5	2	0	0.1711842 +	
3	-6	3	0.7337994 +		5	3	0	-0.1048285 +	
3	-5	3	0.5188745 +		5	4	0	-0.4059990 +	
3	-4	3	0.3498251 +		5	5	0	-0.6021938 +	
3	-3	3	0.2212488 +		5	-6	1	0.6021938 +	
3	-2	3	0.1277381 +		5	-5	1	0.0000000 +	
3	-1	3	0.0638690 +		5	-4	1	-0.3314968 +	
3	0	3	0.0241402 +		5	-3	1	-0.4447496 +	
4	-4	0	-0.4240521 -		5	-2	1	-0.3922323 +	
4	-3	0	-0.4927040 -		5	-1	1	-0.2264554 +	
4	-2	0	-0.4096732 -		5	0	1	0.0000000 +	
4	-1	0	-0.2290143 -		5	1	1	0.2344036 +	
4	0	0	0.0000000 -		5	2	1	0.4236593 +	
4	1	0	0.2290143 -		5	3	1	0.5135526 +	
4	2	0	0.4096732 -		5	4	1	0.4447496 +	
4	3	0	0.4927040 -		5	-6	2	0.6021938 +	
4	4	0	0.4240521 -		5	-5	2	0.4916892 +	
4	-5	1	0.5741693 -		5	-4	2	0.2567763 +	
4	-4	1	0.4327964 -		5	-3	2	0.0000000 +	
4	-3	1	0.1773937 -		5	-2	2	-0.2264554 +	
4	-2	1	-0.0836242 -		5	-1	2	-0.3922323 +	
4	-1	1	-0.2956562 -		5	0	2	-0.4803845 +	
4	0	1	-0.4284465 -		5	1	2	-0.4841820 +	
4	1	1	-0.4674735 -		5	2	2	-0.4059990 +	
4	2	1	-0.4108907 -		5	3	2	-0.2567763 +	
4	3	1	-0.2681941 -		5	-6	3	0.3476767 +	
4	-6	2	-0.6289709 -		5	-5	3	0.4916892 +	
4	-5	2	-0.1283881 -		5	-4	3	0.5547002 +	
4	-4	2	0.2048366 -		5	-3	3	0.5547002 +	
4	-3	2	0.3966644 -		5	-2	3	0.5063697 +	
4	-2	2	0.4730499 -		5	-1	3	0.4236593 +	
4	-1	2	0.4599331 -		5	0	3	0.3202563 +	
4	0	2	0.3832142 -		5	1	3	0.2096570 +	
4	1	2	0.2686593 -		5	2	3	0.1048285 +	
4	2	2	0.1413507 -		6	-6	0	-0.6267832 -	
4	-6	3	-0.5447048 -		6	-5	0	0.0000000 -	
4	-5	3	-0.5883484 -		6	-4	0	0.3418817 -	
4	-4	3	-0.5321812 -		6	-3	0	0.4558423 -	
4	-3	3	-0.4345241 -		6	-2	0	0.3988620 -	
4	-2	3	-0.3238751 -		6	-1	0	0.2279212 -	
4	-1	3	-0.2172620 -		6	0	0	0.0000000 -	
4	0	3	-0.1254363 -		6	1	0	-0.2279212 -	
4	1	3	-0.0547449 -		6	2	0	-0.3988620 -	
5	-5	0	-0.6021938 +		6	3	0	-0.4558423 -	
5	-4	0	-0.4059990 +		6	4	0	-0.3418817 -	
5	-3	0	-0.1048285 +		6	5	0	0.0000000 -	
5	-2	0	0.1711842 +		6	6	0	0.6267832 -	
5	-1	0	0.3580574 +		6	-6	1	-0.6267832 -	
5	0	0	0.4236593 +		6	-5	1	-0.4629100 -	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					7	-2	1	0.1971248	+
					7	-1	1	-0.0202818	+
6	-4	1	-0.1801875	-	7	0	1	-0.2283397	+
6	-3	1	0.0986928	-	7	1	1	-0.3916888	+
6	-2	1	0.3120939	-	7	2	1	-0.4750334	+
6	-1	1	0.4264014	-	7	3	1	-0.4431115	+
6	0	1	0.4264014	-	7	4	1	-0.2606801	+
6	1	1	0.3120939	-	7	5	1	0.1074924	+
6	2	1	0.0986928	-	7	6	1	0.6966305	+
6	3	1	-0.1801875	-	7	-6	2	0.2309308	+
6	4	1	-0.4629100	-	7	-5	2	0.3818989	+
6	5	1	-0.6267832	-	7	-4	2	0.4848289	+
6	-6	2	-0.4225771	-	7	-3	2	0.5285038	+
6	-5	2	-0.5345225	-	7	-2	2	0.5070462	+
6	-4	2	-0.5128226	-	7	-1	2	0.4199616	+
6	-3	2	-0.3947710	-	7	0	2	0.2721095	+
6	-2	2	-0.2132007	-	7	1	2	0.0742240	+
6	-1	2	0.0000000	-	7	2	2	-0.1556935	+
6	0	2	0.2132007	-	7	3	2	-0.3892337	+
6	1	2	0.3947710	-	7	4	2	-0.5797710	+
6	2	2	0.5128226	-	7	5	2	-0.6359338	+
6	3	2	0.5345225	-	7	-6	3	0.0852768	+
6	4	2	0.4225771	-	7	-5	3	0.1740706	+
6	-6	3	-0.1889822	-	7	-4	3	0.2727163	+
6	-5	3	-0.3273268	-	7	-3	3	0.3726013	+
6	-4	3	-0.4413674	-	7	-2	3	0.4647155	+
6	-3	3	-0.5222330	-	7	-1	3	0.5399506	+
6	-2	3	-0.5640761	-	7	0	3	0.5891344	+
6	-1	3	-0.5640761	-	7	1	3	0.6029983	+
6	0	3	-0.5222330	-	7	2	3	0.5720544	+
6	1	3	-0.4413674	-	7	3	3	0.4861528	+
6	2	3	-0.3273268	-	7	4	3	0.3321056	+
6	3	3	-0.1889822	-	8	-6	0	-0.4082483	-
7	-6	0	0.6449546	+	8	-5	0	-0.5455447	-
7	-5	0	0.5111871	+	8	-4	0	-0.5677538	-
7	-4	0	0.2491096	+	8	-3	0	-0.5018282	-
7	-3	0	-0.0257119	+	8	-2	0	-0.3706247	-
7	-2	0	-0.2545352	+	8	-1	0	-0.1961161	-
7	-1	0	-0.4037129	+	8	0	0	0.0000000	-
7	0	0	-0.4553264	+	8	1	0	0.1961161	-
7	1	0	-0.4037129	+	8	2	0	0.3706247	-
7	2	0	-0.2545352	+	8	3	0	0.5018282	-
7	3	0	-0.0257119	+	8	4	0	0.5677538	-
7	4	0	0.2491096	+	8	5	0	0.5455447	-
7	5	0	0.5111871	+	8	6	0	0.4082483	-
7	6	0	0.6449546	+	8	-6	1	-0.2182179	-
7	-6	1	0.4381603	+	8	-5	1	-0.3668997	-
7	-5	1	0.5481060	+	8	-4	1	-0.4760760	-
7	-4	1	0.5176627	+	8	-3	1	-0.5349506	-
7	-3	1	0.3883836	+	8	-2	1	-0.5370862	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					9	-4	1	0.2309308 +	
					9	-3	1	0.3220176 +	
8	-1	1	-0.4803845 -		9	-2	1	0.4119263 +	
8	0	1	-0.3668997 -		9	-1	1	0.4943115 +	
8	1	1	-0.2029995 -		9	0	1	0.5627984 +	
8	2	1	0.0000000 -		9	1	1	0.6109854 +	
8	3	1	0.2244244 -		9	2	1	0.6324300 +	
8	4	1	0.4432026 -		9	3	1	0.6206078 +	
8	5	1	0.6123724 -		9	4	1	0.5687965 +	
8	6	1	0.6454972 -		9	5	1	0.4696682 +	
8	-6	2	-0.0956949 -		9	6	1	0.3131121 +	
8	-5	2	-0.1925822 -		9	-6	2	0.0264628 +	
8	-4	2	-0.2964997 -		9	-5	2	0.0622774 +	
8	-3	2	-0.3962970 -		9	-4	2	0.1115502 +	
8	-2	2	-0.4803845 -		9	-3	2	0.1736834 +	
8	-1	2	-0.5370862 -		9	-2	2	0.2471558 +	
8	0	2	-0.5547002 -		9	-1	2	0.3295410 +	
8	1	2	-0.5215151 -		9	0	2	0.4173825 +	
8	2	2	-0.4258153 -		9	1	2	0.5059440 +	
8	3	2	-0.2558832 -		9	2	2	0.5887603 +	
8	4	2	0.0000000 -		9	3	2	0.6567896 +	
8	5	2	0.3535534 -		9	4	2	0.6966305 +	
8	6	2	0.8164966 -		9	5	2	0.6859943 +	
8	-6	3	-0.0302614 -		9	6	2	0.5773503 +	
8	-5	3	-0.0709692 -		9	-6	3	0.0073395 +	
8	-4	3	-0.1265924 -		9	-5	3	0.0194184 +	
8	-3	3	-0.1961161 -		9	-4	3	0.0388368 +	
8	-2	3	-0.2773501 -		9	-3	3	0.0672673 +	
8	-1	3	-0.3668997 -		9	-2	3	0.1063589 +	
8	0	3	-0.4599331 -		9	-1	3	0.1577558 +	
8	1	3	-0.5497252 -		9	0	3	0.2231003 +	
8	2	3	-0.6267832 -		9	1	3	0.3040345 +	
8	3	3	-0.6770032 -		9	2	3	0.4021998 +	
8	4	3	-0.6770032 -		9	3	3	0.5192378 +	
8	5	3	-0.5773503 -		9	4	3	0.6567896 +	
9	-6	0	0.1565561 +		9	5	3	0.8164966 +	
9	-5	0	0.2800560 +		9	6	3	1.0000000 +	
9	-4	0	0.3925068 +						
9	-3	0	0.4868448 +						
9	-2	0	0.5577508 +						
9	-1	0	0.6016568 +						
9	0	0	0.6165148 +						
9	1	0	0.6016568 +						
9	2	0	0.5577508 +						
9	3	0	0.4868448 +						
9	4	0	0.3925068 +						
9	5	0	0.2800560 +						
9	6	0	0.1565561 +						
9	-6	1	0.0700140 +						
9	-5	1	0.1449428 +						
					J1 = 13/2				
					7/2	-7/2	0	-0.1999001 +	
					7/2	-5/2	0	-0.3344968 +	
					7/2	-3/2	0	-0.4318335 +	
					7/2	-1/2	0	-0.4828045 +	
					7/2	1/2	0	-0.4828045 +	
					7/2	3/2	0	-0.4318335 +	
					7/2	5/2	0	-0.3344968 +	
					7/2	7/2	0	-0.1999001 +	
					7/2	-9/2	1	0.3314968 +	
					7/2	-7/2	1	0.4580286 +	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					9/2	-1/2	2	0.4345241	-
					9/2	1/2	2	0.3476767	-
7/2	-5/2	1	0.5017452	+	9/2	3/2	2	0.2372279	-
7/2	-3/2	1	0.4828045	+	9/2	5/2	2	0.1224133	-
7/2	-1/2	1	0.4181210	+	9/2	-13/2	3	-0.5345225	-
7/2	1/2	1	0.3238751	+	9/2	-11/2	3	-0.5929995	-
7/2	3/2	1	0.2159168	+	9/2	-9/2	3	-0.5547002	-
7/2	5/2	1	0.1094898	+	9/2	-7/2	3	-0.4730499	-
7/2	-11/2	2	-0.5135526	+	9/2	-5/2	3	-0.3739788	-
7/2	-9/2	2	-0.5547002	+	9/2	-3/2	3	-0.2731155	-
7/2	-7/2	2	-0.5017452	+	9/2	-1/2	3	-0.1806489	-
7/2	-5/2	2	-0.4096732	+	9/2	1/2	3	-0.1032280	-
7/2	-3/2	2	-0.3053524	+	9/2	3/2	3	-0.0446990	-
7/2	-1/2	2	-0.2048366	+	11/2	-11/2	0	-0.6021938	+
7/2	1/2	2	-0.1182625	+	11/2	-9/2	0	-0.4447496	+
7/2	3/2	2	-0.0516140	+	11/2	-7/2	0	-0.1731185	+
7/2	-13/2	3	0.7559289	+	11/2	-5/2	0	0.0948209	+
7/2	-11/2	3	0.5547002	+	11/2	-3/2	0	0.2998501	+
7/2	-9/2	3	0.3922323	+	11/2	-1/2	0	0.4096732	+
7/2	-7/2	3	0.2644429	+	11/2	1/2	0	0.4096732	+
7/2	-5/2	3	0.1672484	+	11/2	3/2	0	0.2998501	+
7/2	-3/2	3	0.0965609	+	11/2	5/2	0	0.0948209	+
7/2	-1/2	3	0.0482805	+	11/2	7/2	0	-0.1731185	+
7/2	1/2	3	0.0182483	+	11/2	9/2	0	-0.4447496	+
9/2	-9/2	0	-0.4059990	-	11/2	11/2	0	-0.6021938	+
9/2	-7/2	0	-0.4947274	-	11/2	-13/2	1	0.6267832	+
9/2	-5/2	0	-0.4469902	-	11/2	-11/2	1	0.0524142	+
9/2	-3/2	0	-0.3053524	-	11/2	-9/2	1	-0.2870846	+
9/2	-1/2	0	-0.1079584	-	11/2	-7/2	1	-0.4327964	+
9/2	1/2	0	0.1079584	-	11/2	-5/2	1	-0.4258153	+
9/2	3/2	0	0.3053524	-	11/2	-3/2	1	-0.3072549	+
9/2	5/2	0	0.4469902	-	11/2	-1/2	1	-0.1182625	+
9/2	7/2	0	0.4947274	-	11/2	1/2	1	0.0999500	+
9/2	9/2	0	0.4059990	-	11/2	3/2	1	0.3060332	+
9/2	-11/2	1	0.5741693	-	11/2	5/2	1	0.4583012	+
9/2	-9/2	1	0.4688072	-	11/2	7/2	1	0.5140387	+
9/2	-7/2	1	0.2448266	-	11/2	9/2	1	0.4258153	+
9/2	-5/2	1	0.0000000	-	11/2	-13/2	2	0.5976143	+
9/2	-3/2	1	-0.2159168	-	11/2	-11/2	2	0.5188745	+
9/2	-1/2	1	-0.3739788	-	11/2	-9/2	2	0.3144855	+
9/2	1/2	1	-0.4580286	-	11/2	-7/2	2	0.0774210	+
9/2	3/2	1	-0.4616494	-	11/2	-5/2	2	-0.1448414	+
9/2	5/2	1	-0.3871048	-	11/2	-3/2	2	-0.3238751	+
9/2	7/2	1	-0.2448266	-	11/2	-1/2	2	-0.4424977	+
9/2	-13/2	2	-0.6546537	-	11/2	1/2	2	-0.4916892	+
9/2	-11/2	2	-0.1815683	-	11/2	3/2	2	-0.4693397	+
9/2	-9/2	2	0.1482499	-	11/2	5/2	2	-0.3799416	+
9/2	-7/2	2	0.3547874	-	11/2	7/2	2	-0.2344036	+
9/2	-5/2	2	0.4580286	-	11/2	-13/2	3	0.3273268	+
9/2	-3/2	2	0.4779521	-	11/2	-11/2	3	0.4717282	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					13/2	-11/2	3	-0.3008284	-
					13/2	-9/2	3	-0.4119263	-
11/2	-9/2	3	0.5447048	+	13/2	-7/2	3	-0.4968018	-
11/2	-7/2	3	0.5609682	+	13/2	-5/2	3	-0.5498588	-
11/2	-5/2	3	0.5321812	+	13/2	-3/2	3	-0.5678917	-
11/2	-3/2	3	0.4693397	+	13/2	-1/2	3	-0.5498588	-
11/2	-1/2	3	0.3832142	+	13/2	1/2	3	-0.4968018	-
11/2	1/2	3	0.2844628	+	13/2	3/2	3	-0.4119263	-
11/2	3/2	3	0.1836199	+	13/2	5/2	3	-0.3008284	-
11/2	5/2	3	0.0907841	+	13/2	7/2	3	-0.1714986	-
13/2	-13/2	0	-0.6485277	-	15/2	-13/2	0	0.6386260	+
13/2	-11/2	0	-0.0498867	-	15/2	-11/2	0	0.5355695	+
13/2	-9/2	0	0.2993205	-	15/2	-9/2	0	0.3019723	+
13/2	-7/2	0	0.4444456	-	15/2	-7/2	0	0.0435447	+
13/2	-5/2	0	0.4308401	-	15/2	-5/2	0	-0.1856753	+
13/2	-3/2	0	0.3038557	-	15/2	-3/2	0	-0.3537590	+
13/2	-1/2	0	0.1088438	-	15/2	-1/2	0	-0.4421257	+
13/2	1/2	0	-0.1088438	-	15/2	1/2	0	-0.4421257	+
13/2	3/2	0	-0.3038557	-	15/2	3/2	0	-0.3537590	+
13/2	5/2	0	-0.4308401	-	15/2	5/2	0	-0.1856753	+
13/2	7/2	0	-0.4444456	-	15/2	7/2	0	0.0435447	+
13/2	9/2	0	-0.2993205	-	15/2	9/2	0	0.3019723	+
13/2	11/2	0	0.0498867	-	15/2	11/2	0	0.5355695	+
13/2	13/2	0	0.6485277	-	15/2	13/2	0	0.6386260	+
13/2	-13/2	1	-0.6230853	-	15/2	-13/2	1	0.4180788	+
13/2	-11/2	1	-0.4938536	-	15/2	-11/2	1	0.5384585	+
13/2	-9/2	1	-0.2406627	-	15/2	-9/2	1	0.5317338	+
13/2	-7/2	1	0.0248401	-	15/2	-7/2	1	0.4322189	+
13/2	-5/2	1	0.2459043	-	15/2	-5/2	1	0.2698687	+
13/2	-3/2	1	0.3900237	-	15/2	-3/2	1	0.0736876	+
13/2	-1/2	1	0.4398871	-	15/2	-1/2	1	-0.1276307	+
13/2	1/2	1	0.3900237	-	15/2	1/2	1	-0.3055192	+
13/2	3/2	1	0.2459043	-	15/2	3/2	1	-0.4314705	+
13/2	5/2	1	0.0248401	-	15/2	5/2	1	-0.4770086	+
13/2	7/2	1	-0.2406627	-	15/2	7/2	1	-0.4136749	+
13/2	9/2	1	-0.4938536	-	15/2	9/2	1	-0.2130215	+
13/2	11/2	1	-0.6230853	-	15/2	11/2	1	0.1533930	+
13/2	-13/2	2	-0.4021998	-	15/2	13/2	1	0.7140055	+
13/2	-11/2	2	-0.5242966	-	15/2	-13/2	2	0.2117024	+
13/2	-9/2	2	-0.5264497	-	15/2	-11/2	2	0.3559450	+
13/2	-7/2	2	-0.4391149	-	15/2	-9/2	2	0.4618616	+
13/2	-5/2	2	-0.2886158	-	15/2	-7/2	2	0.5189783	+
13/2	-3/2	2	-0.1003900	-	15/2	-5/2	2	0.5210501	+
13/2	-1/2	2	0.1003900	-	15/2	-3/2	2	0.4660414	+
13/2	1/2	2	0.2886158	-	15/2	-1/2	2	0.3559450	+
13/2	3/2	2	0.4391149	-	15/2	1/2	2	0.1969384	+
13/2	5/2	2	0.5264497	-	15/2	3/2	2	0.0000000	+
13/2	7/2	2	0.5242966	-	15/2	5/2	2	-0.2177236	+
13/2	9/2	2	0.4021998	-	15/2	7/2	2	-0.4299697	+
13/2	-13/2	3	-0.1714986	-	15/2	9/2	2	-0.5940885	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					17/2	1/2	2	-0.5449390	-
					17/2	3/2	2	-0.4933039	-
15/2	11/2	2	-0.6262243	+	17/2	5/2	2	-0.3836266	-
15/2	-13/2	3	0.0748481	+	17/2	7/2	2	-0.2063242	-
15/2	-11/2	3	0.1539539	+	17/2	9/2	2	0.0481869	-
15/2	-9/2	3	0.2434224	+	17/2	11/2	2	0.3894904	-
15/2	-7/2	3	0.3363364	+	17/2	13/2	2	0.8271702	-
15/2	-5/2	3	0.4254356	+	17/2	-13/2	3	-0.0257570	-
15/2	-3/2	3	0.5033822	+	17/2	-11/2	3	-0.0606164	-
15/2	-1/2	3	0.5627984	+	17/2	-9/2	3	-0.1085750	-
15/2	1/2	3	0.5962607	+	17/2	-7/2	3	-0.1690510	-
15/2	3/2	3	0.5962607	+	17/2	-5/2	3	-0.2405638	-
15/2	5/2	3	0.5550885	+	17/2	-3/2	3	-0.3207517	-
15/2	7/2	3	0.4644204	+	17/2	-1/2	3	-0.4062503	-
15/2	9/2	3	0.3131121	+	17/2	1/2	3	-0.4924497	-
17/2	-13/2	0	-0.3884956	-	17/2	3/2	3	-0.5730572	-
17/2	-11/2	0	-0.5300564	-	17/2	5/2	3	-0.6392720	-
17/2	-9/2	0	-0.5678237	-	17/2	7/2	3	-0.6780504	-
17/2	-7/2	0	-0.5244669	-	17/2	9/2	3	-0.6676979	-
17/2	-5/2	0	-0.4188370	-	17/2	11/2	3	-0.5619515	-
17/2	-3/2	0	-0.2689585	-	19/2	-13/2	0	0.1436657	+
17/2	-1/2	0	-0.0925930	-	19/2	-11/2	0	0.2589970	+
17/2	1/2	0	0.0925930	-	19/2	-9/2	0	0.3662771	+
17/2	3/2	0	0.2689585	-	19/2	-7/2	0	0.4591527	+
17/2	5/2	0	0.4188370	-	19/2	-5/2	0	0.5327267	+
17/2	7/2	0	0.5244669	-	19/2	-3/2	0	0.5835729	+
17/2	9/2	0	0.5678237	-	19/2	-1/2	0	0.6095220	+
17/2	11/2	0	0.5300564	-	19/2	1/2	0	0.6095220	+
17/2	13/2	0	0.3884956	-	19/2	3/2	0	0.5835729	+
17/2	-13/2	1	-0.2006182	-	19/2	5/2	0	0.5327267	+
17/2	-11/2	1	-0.3420287	-	19/2	7/2	0	0.4591527	+
17/2	-9/2	1	-0.4518077	-	19/2	9/2	0	0.3662771	+
17/2	-7/2	1	-0.5199880	-	19/2	11/2	0	0.2589970	+
17/2	-5/2	1	-0.5401260	-	19/2	13/2	0	0.1436657	+
17/2	-3/2	1	-0.5092617	-	19/2	-13/2	1	0.0622091	+
17/2	-1/2	1	-0.4276689	-	19/2	-11/2	1	0.1294985	+
17/2	1/2	1	-0.2988427	-	19/2	-9/2	1	0.2076596	+
17/2	3/2	1	-0.1297719	-	19/2	-7/2	1	0.2917864	+
17/2	5/2	1	0.0683958	-	19/2	-5/2	1	0.3766947	+
17/2	7/2	1	0.2790012	-	19/2	-3/2	1	0.4571415	+
17/2	9/2	1	0.4770264	-	19/2	-1/2	1	0.5278615	+
17/2	11/2	1	0.6220908	-	19/2	1/2	1	0.5835729	+
17/2	13/2	1	0.6344106	-	19/2	3/2	1	0.6189725	+
17/2	-13/2	2	-0.0847767	-	19/2	5/2	1	0.6287207	+
17/2	-11/2	2	-0.1720680	-	19/2	7/2	1	0.6074019	+
17/2	-9/2	2	-0.2677223	-	19/2	9/2	1	0.5494157	+
17/2	-7/2	2	-0.3626560	-	19/2	11/2	1	0.4485960	+
17/2	-5/2	2	-0.4473999	-	19/2	13/2	1	0.2961744	+
17/2	-3/2	2	-0.5124085	-	19/2	-13/2	2	0.0227155	+
17/2	-1/2	2	-0.5481137	-	19/2	-11/2	2	0.0536175	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					4	-5	2	-0.5625687 +	
					4	-4	2	-0.5262348 +	
19/2	-9/2	2	0.0963739 +		4	-3	2	-0.4487746 +	
19/2	-7/2	2	0.1506779 +		4	-2	2	-0.3547874 +	
19/2	-5/2	2	0.2154986 +		4	-1	2	-0.2591001 +	
19/2	-3/2	2	0.2891217 +		4	0	2	-0.1713786 +	
19/2	-1/2	2	0.3690839 +		4	1	2	-0.0979306 +	
19/2	1/2	2	0.4520336 +		4	2	2	-0.0424052 +	
19/2	3/2	2	0.5334872 +		4	-7	3	0.7745967 +	
19/2	5/2	2	0.6074019 +		4	-6	3	0.5855400 +	
19/2	7/2	2	0.6653754 +		4	-5	3	0.4296689 +	
19/2	9/2	2	0.6949620 +		4	-4	3	0.3038218 +	
19/2	11/2	2	0.6753816 +		4	-3	3	0.2048366 +	
19/2	13/2	2	0.5619515 +		4	-2	3	0.1295501 +	
19/2	-13/2	3	0.0060710 +		4	-1	3	0.0747958 +	
19/2	-11/2	3	0.0160623 +		4	0	3	0.0373979 +	
19/2	-9/2	3	0.0321246 +		4	1	3	0.0141351 +	
19/2	-7/2	3	0.0556415 +		5	-5	0	-0.3887144 -	
19/2	-5/2	3	0.0879769 +		5	-4	0	-0.4916892 -	
19/2	-3/2	3	0.1304909 +		5	-3	0	-0.4717282 -	
19/2	-1/2	3	0.1845419 +		5	-2	0	-0.3631365 -	
19/2	1/2	3	0.2514883 +		5	-1	0	-0.1961161 -	
19/2	3/2	3	0.3326877 +		5	0	0	0.0000000 -	
19/2	5/2	3	0.4294980 +		5	1	0	0.1961161 -	
19/2	7/2	3	0.5432768 +		5	2	0	0.3631365 -	
19/2	9/2	3	0.6753816 +		5	3	0	0.4717282 -	
19/2	11/2	3	0.8271702 +		5	4	0	0.4916892 -	
19/2	13/2	3	1.0000000 +		5	5	0	0.3887144 -	
J1 = 7					5	-6	1	0.5721721 -	
					5	-5	1	0.4967845 -	
					5	-4	1	0.3010969 -	
4	-4	0	-0.1815683 +		5	-3	1	0.0741249 -	
4	-3	0	-0.3096839 +		5	-2	1	-0.1386750 -	
4	-2	0	-0.4096732 +		5	-1	1	-0.3100868 -	
4	-1	0	-0.4730499 +		5	0	1	-0.4236593 -	
4	0	0	-0.4947274 +		5	1	1	-0.4707565 -	
4	1	0	-0.4730499 +		5	2	1	-0.4493585 -	
4	2	0	-0.4096732 +		5	3	1	-0.3637664 -	
4	3	0	-0.3096839 +		5	4	1	-0.2244244 -	
4	4	0	-0.1815683 +		5	-7	2	-0.6770032 -	
4	-5	1	0.3144855 +		5	-6	2	-0.2288689 -	
4	-4	1	0.4447496 +		5	-5	2	0.0952152 -	
4	-3	1	0.5017452 +		5	-4	2	0.3109715 -	
4	-2	1	0.5017452 +		5	-3	2	0.4341216 -	
4	-1	1	0.4580286 +		5	-2	2	0.4803845 -	
4	0	1	0.3832142 +		5	-1	2	0.4654747 -	
4	1	1	0.2896827 +		5	0	2	0.4050957 -	
4	2	1	0.1896419 +		5	1	2	0.3149219 -	
4	3	1	0.0948209 +		5	2	2	0.2105287 -	
4	-6	2	-0.5070926 +		5	3	2	0.1069901 -	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					6	-7	3	0.3091735 +	
					6	-6	3	0.4525836 +	
5	-7	3	-0.5244044 -		6	-5	3	0.5325537 +	
5	-6	3	-0.5946187 -		6	-4	3	0.5613609 +	
5	-5	3	-0.5712912 -		6	-3	3	0.5484543 +	
5	-4	3	-0.5038315 -		6	-2	3	0.5026667 +	
5	-3	3	-0.4160251 -		6	-1	3	0.4326266 +	
5	-2	3	-0.3222517 -		6	0	3	0.3468730 +	
5	-1	3	-0.2320477 -		6	1	3	0.2538850 +	
5	0	3	-0.1519109 -		6	2	3	0.1620509 +	
5	1	3	-0.0861254 -		6	3	3	0.0793884 +	
5	2	3	-0.0370625 -		7	-7	0	-0.6678910 -	
6	-6	0	-0.6004200 +		7	-6	0	-0.0954130 -	
6	-5	0	-0.4758893 +		7	-5	0	0.2568812 -	
6	-4	0	-0.2319084 +		7	-4	0	0.4256888 -	
6	-3	0	0.0239365 +		7	-3	0	0.4477072 -	
6	-2	0	0.2369593 +		7	-2	0	0.3596336 -	
6	-1	0	0.3758362 +		7	-1	0	0.1981655 -	
6	0	0	0.4238858 +		7	0	0	0.0000000 -	
6	1	0	0.3758362 +		7	1	0	-0.1981655 -	
6	2	0	0.2369593 +		7	2	0	-0.3596336 -	
6	3	0	0.0239365 +		7	3	0	-0.4477072 -	
6	4	0	-0.2319084 +		7	4	0	-0.4256888 -	
6	5	0	-0.4758893 +		7	5	0	-0.2568812 -	
6	6	0	-0.6004200 +		7	6	0	0.0954130 -	
6	-7	1	0.6485277 +		7	7	0	0.6678910 -	
6	-6	1	0.1000700 +		7	-7	1	-0.6183469 -	
6	-5	1	-0.2426799 +		7	-6	1	-0.5185630 -	
6	-4	1	-0.4125143 +		7	-5	1	-0.2923834 -	
6	-3	1	-0.4422320 +		7	-4	1	-0.0421620 -	
6	-2	1	-0.3646424 +		7	-3	1	0.1797794 -	
6	-1	1	-0.2125727 +		7	-2	1	0.3425257 -	
6	0	1	-0.0188814 +		7	-1	1	0.4280863 -	
6	1	1	0.1835132 +		7	0	1	0.4280863 -	
6	2	1	0.3615654 +		7	1	1	0.3425257 -	
6	3	1	0.4819177 +		7	2	1	0.1797794 -	
6	4	1	0.5102589 +		7	3	1	-0.0421620 -	
6	5	1	0.4079051 +		7	4	1	-0.2923834 -	
6	-7	2	0.5920221 +		7	5	1	-0.5185630 -	
6	-6	2	0.5397375 +		7	6	1	-0.6183469 -	
6	-5	2	0.3623569 +		7	-7	2	-0.3834825 -	
6	-4	2	0.1449428 +		7	-6	2	-0.5124500 -	
6	-3	2	-0.0690987 +		7	-5	2	-0.5333118 -	
6	-2	2	-0.2533202 +		7	-4	2	-0.4713855 -	
6	-1	2	-0.3909630 +		7	-3	2	-0.3481412 -	
6	0	2	-0.4720343 +		7	-2	2	-0.1842190 -	
6	1	2	-0.4920103 +		7	-1	2	0.0000000 -	
6	2	2	-0.4513511 +		7	0	2	0.1842190 -	
6	3	2	-0.3555286 +		7	1	2	0.3481412 -	
6	4	2	-0.2149849 +		7	2	2	0.4713855 -	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					8	-4	2	0.5053375	+
					8	-3	2	0.5249081	+
7	3	2	0.5333118	-	8	-2	2	0.4949134	+
7	4	2	0.5124500	-	8	-1	2	0.4156195	+
7	5	2	0.3834825	-	8	0	2	0.2904229	+
7	-7	3	-0.1565561	-	8	1	2	0.1261156	+
7	-6	3	-0.2775443	-	8	2	2	-0.0664688	+
7	-5	3	-0.3848846	-	8	3	2	-0.2711404	+
7	-4	3	-0.4713855	-	8	4	2	-0.4635863	+
7	-3	3	-0.5317945	-	8	5	2	-0.6045635	+
7	-2	3	-0.5627984	-	8	6	2	-0.6165363	+
7	-1	3	-0.5627984	-	8	-7	3	0.0662266	+
7	0	3	-0.5317945	-	8	-6	3	0.1371021	+
7	1	3	-0.4713855	-	8	-5	3	0.2184386	+
7	2	3	-0.3848846	-	8	-4	3	0.3045981	+
7	3	3	-0.2775443	-	8	-3	3	0.3896433	+
7	4	3	-0.1565561	-	8	-2	3	0.4675719	+
8	-7	0	0.6317617	+	8	-1	3	0.5323540	+
8	-6	0	0.5548826	+	8	0	3	0.5779343	+
8	-5	0	0.3470246	+	8	1	3	0.5982189	+
8	-4	0	0.1055616	+	8	2	3	0.5870362	+
8	-3	0	-0.1196438	+	8	3	3	0.5380276	+
8	-2	0	-0.2985247	+	8	4	3	0.4442617	+
8	-1	0	-0.4126050	+	8	5	3	0.2961744	+
8	0	0	-0.4517174	+	9	-7	0	-0.3704793	-
8	1	0	-0.4126050	+	9	-6	0	-0.5144958	-
8	2	0	-0.2985247	+	9	-5	0	-0.5644709	-
8	3	0	-0.1196438	+	9	-4	0	-0.5397375	-
8	4	0	0.1055616	+	9	-3	0	-0.4560517	-
8	5	0	0.3470246	+	9	-2	0	-0.3283948	-
8	6	0	0.5548826	+	9	-1	0	-0.1714986	-
8	7	0	0.6317617	+	9	0	0	0.0000000	-
8	-7	1	0.3995612	+	9	1	0	0.1714986	-
8	-6	1	0.5272840	+	9	2	0	0.3283948	-
8	-5	1	0.5395513	+	9	3	0	0.4560517	-
8	-4	1	0.4651432	+	9	4	0	0.5397375	-
8	-3	1	0.3287716	+	9	5	0	0.5644709	-
8	-2	1	0.1542617	+	9	6	0	0.5144958	-
8	-1	1	-0.0348508	+	9	7	0	0.3704793	-
8	0	1	-0.2151483	+	9	-7	1	-0.1852396	-
8	1	1	-0.3632692	+	9	-6	1	-0.3195687	-
8	2	1	-0.4558808	+	9	-5	1	-0.4284742	-
8	3	1	-0.4696666	+	9	-4	1	-0.5027933	-
8	4	1	-0.3813203	+	9	-3	1	-0.5362664	-
8	5	1	-0.1675416	+	9	-2	1	-0.5254939	-
8	6	1	0.1949659	+	9	-1	1	-0.4696682	-
8	7	1	0.7294955	+	9	0	1	-0.3704793	-
8	-7	2	0.1949659	+	9	1	1	-0.2322102	-
8	-6	2	0.3323922	+	9	2	1	-0.0620608	-
8	-5	2	0.4390782	+	9	3	1	0.1291898	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					10	-7	1	0.0556415	+
					10	-6	1	0.1163825	+
9	4	1	0.3258975	-	10	-5	1	0.1876612	+
9	5	1	0.5048782	-	10	-4	1	0.2653930	+
9	6	1	0.6288281	-	10	-3	1	0.3452464	+
9	7	1	0.6236096	-	10	-2	1	0.4228387	+
9	-7	2	-0.0756238	-	10	-1	1	0.4937692	+
9	-6	2	-0.1546056	-	10	0	1	0.5536258	+
9	-5	2	-0.2426799	-	10	1	1	0.5979842	+
9	-4	2	-0.3323515	-	10	2	1	0.6224017	+
9	-3	2	-0.4157834	-	10	3	1	0.6224017	+
9	-2	2	-0.4850713	-	10	4	1	0.5934368	+
9	-1	2	-0.5322906	-	10	5	1	0.5307860	+
9	0	2	-0.5495096	-	10	6	1	0.4291975	+
9	1	2	-0.5287928	-	10	7	1	0.2809757	+
9	2	2	-0.4622035	-	10	-7	2	0.0196722	+
9	3	2	-0.3418041	-	10	-6	2	0.0465530	+
9	4	2	-0.1596565	-	10	-5	2	0.0839246	+
9	5	2	0.0921777	-	10	-4	2	0.1316718	+
9	6	2	0.4216370	-	10	-3	2	0.1890992	+
9	7	2	0.8366600	-	10	-2	2	0.2549813	+
9	-7	3	-0.0221404	-	10	-1	2	0.3275295	+
9	-6	3	-0.0522599	-	10	0	2	0.4043111	+
9	-5	3	-0.0939336	-	10	1	2	0.4821103	+
9	-4	3	-0.1468626	-	10	2	2	0.5566930	+
9	-3	3	-0.2100420	-	10	3	2	0.6224017	+
9	-2	3	-0.2818009	-	10	4	2	0.6713970	+
9	-1	3	-0.3597385	-	10	5	2	0.6920602	+
9	0	3	-0.4405878	-	10	6	2	0.6649100	+
9	1	3	-0.5199790	-	10	7	2	0.5477226	+
9	2	3	-0.5920221	-	10	-7	3	0.0050793	+
9	3	3	-0.6485277	-	10	-6	3	0.0134387	+
9	4	3	-0.6773651	-	10	-5	3	0.0268774	+
9	5	3	-0.6582806	-	10	-4	3	0.0465530	+
9	6	3	-0.5477226	-	10	-3	3	0.0736068	+
10	-7	0	0.1324532	+	10	-2	3	0.1091765	+
10	-6	0	0.2403987	+	10	-1	3	0.1543989	+
10	-5	0	0.3426209	+	10	0	3	0.2104102	+
10	-4	0	0.4333849	+	10	1	3	0.2783465	+
10	-3	0	0.5081889	+	10	2	3	0.3593438	+
10	-2	0	0.5637849	+	10	3	3	0.4545379	+
10	-1	0	0.5979842	+	10	4	3	0.5650648	+
10	0	0	0.6095220	+	10	5	3	0.6920602	+
10	1	0	0.5979842	+	10	6	3	0.8366600	+
10	2	0	0.5637849	+	10	7	3	1.0000000	+
10	3	0	0.5081889	+					
10	4	0	0.4333849	+	J1 = 15/2				
10	5	0	0.3426209	+					
10	6	0	0.2403987	+	9/2	-9/2	0	-0.1657484	+
10	7	0	0.1324532	+	9/2	-7/2	0	-0.2870846	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					11/2	9/2	0	0.4854043	-
					11/2	11/2	0	0.3723647	-
9/2	-5/2	0	-0.3871048	+	11/2	-13/2	1	0.5687965	-
9/2	-3/2	0	-0.4580286	+	11/2	-11/2	1	0.5185630	-
9/2	-1/2	0	-0.4947274	+	11/2	-9/2	1	0.3481412	-
9/2	1/2	0	-0.4947274	+	11/2	-7/2	1	0.1392565	-
9/2	3/2	0	-0.4580286	+	11/2	-5/2	1	-0.0663879	-
9/2	5/2	0	-0.3871048	+	11/2	-3/2	1	-0.2433822	-
9/2	7/2	0	-0.2870846	+	11/2	-1/2	1	-0.3756251	-
9/2	9/2	0	-0.1657484	+	11/2	1/2	1	-0.4535159	-
9/2	-11/2	1	0.2988072	+	11/2	3/2	1	-0.4727082	-
9/2	-9/2	1	0.4306269	+	11/2	5/2	1	-0.4336441	-
9/2	-7/2	1	0.4972452	+	11/2	7/2	1	-0.3415808	-
9/2	-5/2	1	0.5120916	+	11/2	9/2	1	-0.2065508	-
9/2	-3/2	1	0.4858127	+	11/2	-15/2	2	-0.6966305	-
9/2	-1/2	1	0.4284465	+	11/2	-13/2	2	-0.2711631	-
9/2	1/2	1	0.3498251	+	11/2	-11/2	2	0.0458349	-
9/2	3/2	1	0.2596778	+	11/2	-9/2	2	0.2669587	-
9/2	5/2	1	0.1676213	+	11/2	-7/2	2	0.4048031	-
9/2	7/2	1	0.0828742	+	11/2	-5/2	2	0.4719617	-
9/2	-13/2	2	-0.5000000	+	11/2	-3/2	2	0.4810263	-
9/2	-11/2	2	-0.5669467	+	11/2	-1/2	2	0.4445844	-
9/2	-9/2	2	-0.5447048	+	11/2	1/2	2	0.3752142	-
9/2	-7/2	2	-0.4803845	+	11/2	3/2	2	0.2854681	-
9/2	-5/2	2	-0.3966644	+	11/2	5/2	2	0.1878125	-
9/2	-3/2	2	-0.3072549	+	11/2	7/2	2	0.0942771	-
9/2	-1/2	2	-0.2212488	+	11/2	-15/2	3	-0.5144958	-
9/2	1/2	2	-0.1448414	+	11/2	-13/2	3	-0.5940885	-
9/2	3/2	2	-0.0821173	+	11/2	-11/2	3	-0.5833834	-
9/2	5/2	2	-0.0353377	+	11/2	-9/2	3	-0.5284413	-
9/2	-15/2	3	0.7905694	+	11/2	-7/2	3	-0.4512426	-
9/2	-13/2	3	0.6123724	+	11/2	-5/2	3	-0.3650733	-
9/2	-11/2	3	0.4629100	+	11/2	-3/2	3	-0.2788293	-
9/2	-9/2	3	0.3396831	+	11/2	-1/2	3	-0.1987207	-
9/2	-7/2	3	0.2401922	+	11/2	1/2	3	-0.1290729	-
9/2	-5/2	3	0.1619376	+	11/2	3/2	3	-0.0727243	-
9/2	-3/2	3	0.1024183	+	11/2	5/2	3	-0.0311387	-
9/2	-1/2	3	0.0591312	+	13/2	-13/2	0	-0.5973799	+
9/2	1/2	3	0.0295656	+	13/2	-11/2	0	-0.5009794	+
9/2	3/2	3	0.0111748	+	13/2	-9/2	0	-0.2824692	+
11/2	-11/2	0	-0.3723647	-	13/2	-7/2	0	-0.0407324	+
11/2	-9/2	0	-0.4854043	-	13/2	-5/2	0	0.1736834	+
11/2	-7/2	0	-0.4873977	-	13/2	-3/2	0	0.3309113	+
11/2	-5/2	0	-0.4065414	-	13/2	-1/2	0	0.4135707	+
11/2	-3/2	0	-0.2672063	-	13/2	1/2	0	0.4135707	+
11/2	-1/2	0	-0.0929431	-	13/2	3/2	0	0.3309113	+
11/2	1/2	0	0.0929431	-	13/2	5/2	0	0.1736834	+
11/2	3/2	0	0.2672063	-	13/2	7/2	0	-0.0407324	+
11/2	5/2	0	0.4065414	-	13/2	9/2	0	-0.2824692	+
11/2	7/2	0	0.4873977	-	13/2	11/2	0	-0.5009794	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					15/2	1/2	0	-0.0948796	-
					15/2	3/2	0	-0.2695786	-
13/2	13/2	0	-0.5973799	+	15/2	5/2	0	-0.3990968	-
13/2	-15/2	1	0.6678910	+	15/2	7/2	0	-0.4533138	-
13/2	-13/2	1	0.1434860	+	15/2	9/2	0	-0.4021089	-
13/2	-11/2	1	-0.1992633	+	15/2	11/2	0	-0.2153617	-
13/2	-9/2	1	-0.3869574	+	15/2	13/2	0	0.1370483	-
13/2	-7/2	1	-0.4462007	+	15/2	15/2	0	0.6852417	-
13/2	-5/2	1	-0.4036037	+	15/2	-15/2	1	-0.6128988	-
13/2	-3/2	1	-0.2857870	+	15/2	-13/2	1	-0.5383152	-
13/2	-1/2	1	-0.1193876	+	15/2	-11/2	1	-0.3366633	-
13/2	1/2	1	0.0689285	+	15/2	-9/2	1	-0.1024098	-
13/2	3/2	1	0.2524391	+	15/2	-7/2	1	0.1160715	-
13/2	5/2	1	0.4043038	+	15/2	-5/2	1	0.2896115	-
13/2	7/2	1	0.4973914	+	15/2	-3/2	1	0.4002857	-
13/2	9/2	1	0.5036818	+	15/2	-1/2	1	0.4382302	-
13/2	11/2	1	0.3910769	+	15/2	1/2	1	0.4002857	-
13/2	-15/2	2	0.5857792	+	15/2	3/2	1	0.2896115	-
13/2	-13/2	2	0.5557189	+	15/2	5/2	1	0.1160715	-
13/2	-11/2	2	0.4021998	+	15/2	7/2	1	-0.1024098	-
13/2	-9/2	2	0.2036618	+	15/2	9/2	1	-0.3366633	-
13/2	-7/2	2	0.0000000	+	15/2	11/2	1	-0.5383152	-
13/2	-5/2	2	-0.1842190	+	15/2	13/2	1	-0.6128988	-
13/2	-3/2	2	-0.3329560	+	15/2	-15/2	2	-0.3662771	-
13/2	-1/2	2	-0.4359418	+	15/2	-13/2	2	-0.4997419	-
13/2	1/2	2	-0.4873977	+	15/2	-11/2	2	-0.5353493	-
13/2	3/2	2	-0.4854598	+	15/2	-9/2	2	-0.4944721	-
13/2	5/2	2	-0.4320319	+	15/2	-7/2	2	-0.3948833	-
13/2	7/2	2	-0.3329560	+	15/2	-5/2	2	-0.2535765	-
13/2	9/2	2	-0.1980295	+	15/2	-3/2	2	-0.0872975	-
13/2	-15/2	3	0.2928896	+	15/2	-1/2	2	0.0872975	-
13/2	-13/2	3	0.4344255	+	15/2	1/2	2	0.2535765	-
13/2	-11/2	3	0.5192378	+	15/2	3/2	2	0.3948833	-
13/2	-9/2	3	0.5577508	+	15/2	5/2	2	0.4944721	-
13/2	-7/2	3	0.5577508	+	15/2	7/2	2	0.5353493	-
13/2	-5/2	3	0.5264497	+	15/2	9/2	2	0.4997419	-
13/2	-3/2	3	0.4708710	+	15/2	11/2	2	0.3662771	-
13/2	-1/2	3	0.3979586	+	15/2	-15/2	3	-0.1436657	-
13/2	1/2	3	0.3146139	+	15/2	-13/2	3	-0.2569970	-
13/2	3/2	3	0.2277008	+	15/2	-11/2	3	-0.3601890	-
13/2	5/2	3	0.1440106	+	15/2	-9/2	3	-0.4467595	-
13/2	7/2	3	0.0700140	+	15/2	-7/2	3	-0.5118273	-
15/2	-15/2	0	-0.6852417	-	15/2	-5/2	3	-0.5521182	-
15/2	-13/2	0	-0.1370483	-	15/2	-3/2	3	-0.5657528	-
15/2	-11/2	0	0.2153617	-	15/2	-1/2	3	-0.5521182	-
15/2	-9/2	0	0.4021089	-	15/2	1/2	3	-0.5118273	-
15/2	-7/2	0	0.4533138	-	15/2	3/2	3	-0.4467595	-
15/2	-5/2	0	0.3990968	-	15/2	5/2	3	-0.3601890	-
15/2	-3/2	0	0.2695786	-	15/2	7/2	3	-0.2569970	-
15/2	-1/2	0	0.0948796	-	15/2	9/2	3	-0.1436657	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					17/2	-13/2	3	0.1228531	+
					17/2	-11/2	3	0.1970032	+
17/2	-15/2	0	0.6245742	+	17/2	-9/2	3	0.2768129	+
17/2	-13/2	0	0.5701556	+	17/2	-7/2	3	0.3573639	+
17/2	-11/2	0	0.3854955	+	17/2	-5/2	3	0.4336825	+
17/2	-9/2	0	0.1608524	+	17/2	-3/2	3	0.5007734	+
17/2	-7/2	0	-0.0575944	+	17/2	-1/2	3	0.5536258	+
17/2	-5/2	0	-0.2416221	+	17/2	1/2	3	0.5872089	+
17/2	-3/2	0	-0.3732545	+	17/2	3/2	3	0.5964568	+
17/2	-1/2	0	-0.4416406	+	17/2	5/2	3	0.5762320	+
17/2	1/2	0	-0.4416406	+	17/2	7/2	3	0.5212215	+
17/2	3/2	0	-0.3732545	+	17/2	9/2	3	0.4255756	+
17/2	5/2	0	-0.2416221	+	17/2	11/2	3	0.2809757	+
17/2	7/2	0	-0.0575944	+	19/2	-15/2	0	-0.3539962	-
17/2	9/2	0	0.1608524	+	19/2	-13/2	0	-0.4991516	-
17/2	11/2	0	0.3854955	+	19/2	-11/2	0	-0.5587285	-
17/2	13/2	0	0.5701556	+	19/2	-9/2	0	-0.5494157	-
17/2	15/2	0	0.6245742	+	19/2	-7/2	0	-0.4845391	-
17/2	-15/2	1	0.3824720	+	19/2	-5/2	0	-0.3766947	-
17/2	-13/2	1	0.5152474	+	19/2	-3/2	0	-0.2382426	-
17/2	-11/2	1	0.5427847	+	19/2	-1/2	0	-0.0814508	-
17/2	-9/2	1	0.4895525	+	19/2	1/2	0	0.0814508	-
17/2	-7/2	1	0.3762051	+	19/2	3/2	0	0.2382426	-
17/2	-5/2	1	0.2225660	+	19/2	5/2	0	0.3766947	-
17/2	-3/2	1	0.0481869	+	19/2	7/2	0	0.4845391	-
17/2	-1/2	1	-0.1274907	+	19/2	9/2	0	0.5494157	-
17/2	1/2	1	-0.2850778	+	19/2	11/2	0	0.5587285	-
17/2	3/2	1	-0.4052126	+	19/2	13/2	0	0.4991516	-
17/2	5/2	1	-0.4685486	+	19/2	15/2	0	0.3539962	-
17/2	7/2	1	-0.4557486	+	19/2	-15/2	1	-0.1717134	-
17/2	9/2	1	-0.3474810	+	19/2	-13/2	1	-0.2992693	-
17/2	11/2	1	-0.1244182	+	19/2	-11/2	1	-0.4063480	-
17/2	13/2	1	0.2327650	+	19/2	-9/2	1	-0.4845391	-
17/2	15/2	1	0.7433919	+	19/2	-7/2	1	-0.5278615	-
17/2	-15/2	2	0.1802990	+	19/2	-5/2	1	-0.5327267	-
17/2	-13/2	2	0.3110454	+	19/2	-3/2	1	-0.4976726	-
17/2	-11/2	2	0.4170461	+	19/2	-1/2	1	-0.4232308	-
17/2	-9/2	2	0.4893831	+	19/2	1/2	1	-0.3119328	-
17/2	-7/2	2	0.5219634	+	19/2	3/2	1	-0.1684630	-
17/2	-5/2	2	0.5114782	+	19/2	5/2	1	0.0000000	-
17/2	-3/2	2	0.4571415	+	19/2	7/2	1	0.1831386	-
17/2	-1/2	2	0.3605981	+	19/2	9/2	1	0.3662771	-
17/2	1/2	2	0.2260168	+	19/2	11/2	1	0.5278615	-
17/2	3/2	2	0.0604055	+	19/2	13/2	1	0.6332476	-
17/2	5/2	2	-0.1257441	+	19/2	15/2	1	0.6131393	-
17/2	7/2	2	-0.3172053	+	19/2	-15/2	2	-0.0678757	-
17/2	9/2	2	-0.4914123	+	19/2	-13/2	2	-0.1396326	-
17/2	11/2	2	-0.6120564	+	19/2	-11/2	2	-0.2208203	-
17/2	13/2	2	-0.6069770	+	19/2	-9/2	2	-0.3051840	-
17/2	-15/2	3	0.0590167	+	19/2	-7/2	2	-0.3861642	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					5	2	1	0.2335402	+
					5	3	1	0.1490652	+
19/2	-5/2	2	-0.4571415	-	5	4	1	0.0730267	+
19/2	-3/2	2	-0.5114782	-	5	-7	2	-0.4925922	+
19/2	-1/2	2	-0.5425300	-	5	-6	2	-0.5687965	+
19/2	1/2	2	-0.5436498	-	5	-5	2	-0.5585470	+
19/2	3/2	2	-0.5081889	-	5	-4	2	-0.5059440	+
19/2	5/2	2	-0.4294980	-	5	-3	2	-0.4320319	+
19/2	7/2	2	-0.3009274	-	5	-2	2	-0.3495310	+
19/2	9/2	2	-0.1158270	-	5	-1	2	-0.2669587	+
19/2	11/2	2	0.1324532	-	5	0	2	-0.1902606	+
19/2	13/2	2	0.4505636	-	5	1	2	-0.1235779	+
19/2	15/2	2	0.8451543	-	5	2	2	-0.0696282	+
19/2	-15/2	3	-0.0191981	-	5	3	2	-0.0298130	+
19/2	-13/2	3	-0.0454311	-	5	-8	3	0.8043997	+
19/2	-11/2	3	-0.0819021	-	5	-7	3	0.6359338	+
19/2	-9/2	3	-0.1284985	-	5	-6	3	0.4925922	+
19/2	-7/2	3	-0.1845419	-	5	-5	3	0.3723647	+
19/2	-5/2	3	-0.2488363	-	5	-4	3	0.2732410	+
19/2	-3/2	3	-0.3196360	-	5	-3	3	0.1932106	+
19/2	-1/2	3	-0.3945673	-	5	-2	3	0.1302625	+
19/2	1/2	3	-0.4704915	-	5	-1	3	0.0823853	+
19/2	3/2	3	-0.5432768	-	5	0	3	0.0475651	+
19/2	5/2	3	-0.6074019	-	5	1	3	0.0237826	+
19/2	7/2	3	-0.6552164	-	5	2	3	0.0089890	+
19/2	9/2	3	-0.6753816	-	6	-6	0	-0.3570028	-
19/2	11/2	3	-0.6488857	-	6	-5	0	-0.4770650	-
19/2	13/2	3	-0.5345225	-	6	-4	0	-0.4964863	-
					6	-3	0	-0.4388360	-
J1 = 8					6	-2	0	-0.3241019	-
					6	-1	0	-0.1714986	-
5	-5	0	-0.1520172	+	6	0	0	0.0000000	-
5	-4	0	-0.2666559	+	6	1	0	0.1714986	-
5	-3	0	-0.3651336	+	6	2	0	0.3241019	-
5	-2	0	-0.4403677	+	6	3	0	0.4388360	-
5	-1	0	-0.4873977	+	6	4	0	0.4964863	-
5	0	0	-0.5033822	+	6	5	0	0.4770650	-
5	1	0	-0.4873977	+	6	6	0	0.3570028	-
5	2	0	-0.4403677	+	6	-7	1	0.5644709	-
5	3	0	-0.3651336	+	6	-6	1	0.5355042	-
5	4	0	-0.2666559	+	6	-5	1	0.3875695	-
5	5	0	-0.1520172	+	6	-4	1	0.1962534	-
5	-6	1	0.2843982	+	6	-3	1	0.0000000	-
5	-5	1	0.4163164	+	6	-2	1	-0.1775179	-
5	-4	1	0.4898782	+	6	-1	1	-0.3208445	-
5	-3	1	0.5163769	+	6	0	1	-0.4200840	-
5	-2	1	0.5045046	+	6	1	1	-0.4696682	-
5	-1	1	0.4623861	+	6	2	1	-0.4678007	-
5	0	1	0.3979586	+	6	3	1	-0.4163164	-
5	1	1	0.3190767	+	6	4	1	-0.3208445	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					7	-1	1	-0.2020967	+
					7	0	1	-0.0327366	+
6	5	1	-0.1908260	-	7	1	1	0.1449036	+
6	-8	2	-0.7140055	-	7	2	1	0.3088271	+
6	-7	2	-0.3091735	-	7	3	1	0.4369260	+
6	-6	2	0.0000000	-	7	4	1	0.5068202	+
6	-5	2	0.2237633	-	7	5	1	0.4952971	+
6	-4	2	0.3723647	-	7	6	1	0.3753224	+
6	-3	2	0.4560517	-	7	-8	2	0.5791350	+
6	-2	2	0.4850713	-	7	-7	2	0.5678886	+
6	-1	2	0.4696682	-	7	-6	2	0.4354635	+
6	0	2	0.4200840	-	7	-5	2	0.2546921	+
6	1	2	0.3465516	-	7	-4	2	0.0624365	+
6	2	2	0.2592815	-	7	-3	2	-0.1184650	+
6	3	2	0.1684083	-	7	-2	2	-0.2728048	+
6	4	2	0.0836827	-	7	-1	2	-0.3904065	+
6	-8	3	-0.5048782	-	7	0	2	-0.4648902	+
6	-7	3	-0.5920221	-	7	1	2	-0.4930654	+
6	-6	3	-0.5920221	-	7	2	2	-0.4746819	+
6	-5	3	-0.5481060	-	7	3	2	-0.4124422	+
6	-4	3	-0.4807207	-	7	4	2	-0.3122281	+
6	-3	3	-0.4021998	-	7	5	2	-0.1831386	+
6	-2	3	-0.3208445	-	7	-8	3	0.2782074	+
6	-1	3	-0.2425356	-	7	-7	3	0.4173112	+
6	0	3	-0.1714986	-	7	-6	3	0.5053889	+
6	1	3	-0.1107019	-	7	-5	3	0.5514245	+
6	2	3	-0.0620608	-	7	-4	3	0.5619288	+
6	3	3	-0.0264628	-	7	-3	3	0.5428748	+
7	-7	0	-0.5934368	+	7	-2	3	0.5000595	+
7	-6	0	-0.5212215	+	7	-1	3	0.4392073	+
7	-5	0	-0.3259728	+	7	0	3	0.3660061	+
7	-4	0	-0.0991578	+	7	1	3	0.2861201	+
7	-3	0	0.1123858	+	7	2	3	0.2051874	+
7	-2	0	0.2804152	+	7	3	3	0.1287850	+
7	-1	0	0.3875749	+	7	4	3	0.0622091	+
7	0	0	0.4243146	+	8	-8	0	-0.7008766	-
7	1	0	0.3875749	+	8	-7	0	-0.1752192	-
7	2	0	0.2804152	+	8	-6	0	0.1752192	-
7	3	0	0.1123858	+	8	-5	0	0.3754696	-
7	4	0	-0.0991578	+	8	-4	0	0.4505636	-
7	5	0	-0.3259728	+	8	-3	0	0.4255322	-
7	6	0	-0.5212215	+	8	-2	0	0.3254070	-
7	7	0	-0.5934368	+	8	-1	0	0.1752192	-
7	-8	1	0.6852417	+	8	0	0	0.0000000	-
7	-7	1	0.1831386	+	8	1	0	-0.1752192	-
7	-6	1	-0.1573779	+	8	2	0	-0.3254070	-
7	-5	1	-0.3581881	+	8	3	0	-0.4255322	-
7	-4	1	-0.4411750	+	8	4	0	-0.4505636	-
7	-3	1	-0.4282254	+	8	5	0	-0.3754696	-
7	-2	1	-0.3412320	+	8	6	0	-0.1752192	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					9	-7	0	0.5821817	+
					9	-6	0	0.4184137	+
8	7	0	0.1752192	-	9	-5	0	0.2100420	+
8	8	0	0.7008766	-	9	-4	0	0.0000000	+
8	-8	1	-0.6069770	-	9	-3	0	-0.1852396	+
8	-7	1	-0.5540916	-	9	-2	0	-0.3283948	+
8	-6	1	-0.3746343	-	9	-1	0	-0.4184137	+
8	-5	1	-0.1563205	-	9	0	0	-0.4490887	+
8	-4	1	0.0559717	-	9	1	0	-0.4184137	+
8	-3	1	0.2348145	-	9	2	0	-0.3283948	+
8	-2	1	0.3627381	-	9	3	0	-0.1852396	+
8	-1	1	0.4291975	-	9	4	0	0.0000000	+
8	0	1	0.4291975	-	9	5	0	0.2100420	+
8	1	1	0.3627381	-	9	6	0	0.4184137	+
8	2	1	0.2348145	-	9	7	0	0.5821817	+
8	3	1	0.0559717	-	9	8	0	0.6172134	+
8	4	1	-0.1563205	-	9	-8	1	0.3666794	+
8	5	1	-0.3746343	-	9	-7	1	0.5027933	+
8	6	1	-0.5540916	-	9	-6	1	0.5426489	+
8	7	1	-0.6069770	-	9	-5	1	0.5072997	+
8	-8	2	-0.3504383	-	9	-4	1	0.4142084	+
8	-7	2	-0.4866643	-	9	-3	1	0.2800560	+
8	-6	2	-0.5339361	-	9	-2	1	0.1212678	+
8	-5	2	-0.5105405	-	9	-1	1	-0.0458349	+
8	-4	2	-0.4313818	-	9	0	1	-0.2049800	+
8	-3	2	-0.3106304	-	9	1	1	-0.3399209	+
8	-2	2	-0.1622214	-	9	2	1	-0.4344255	+
8	-1	2	0.0000000	-	9	3	1	-0.4722703	+
8	0	2	0.1622214	-	9	4	1	-0.4372373	+
8	1	2	0.3106304	-	9	5	1	-0.3131121	+
8	2	2	0.4313818	-	9	6	1	-0.0836827	+
8	3	2	0.5105405	-	9	7	1	0.2672612	+
8	4	2	0.5339361	-	9	8	1	0.7559289	+
8	5	2	0.4866643	-	9	-8	2	0.1673655	+
8	6	2	0.3504383	-	9	-7	2	0.2916917	+
8	-8	3	-0.1324532	-	9	-6	2	0.3960590	+
8	-7	3	-0.2387835	-	9	-5	2	0.4722703	+
8	-6	3	-0.3376908	-	9	-4	2	0.5144958	+
8	-5	3	-0.4233178	-	9	-3	2	0.5192378	+
8	-4	3	-0.4911497	-	9	-2	2	0.4850713	+
8	-3	3	-0.5380276	-	9	-1	2	0.4125143	+
8	-2	3	-0.5619515	-	9	0	2	0.3040345	+
8	-1	3	-0.5619515	-	9	1	2	0.1641974	+
8	0	3	-0.5380276	-	9	2	2	0.0000000	+
8	1	3	-0.4911497	-	9	3	2	-0.1785014	+
8	2	3	-0.4233178	-	9	4	2	-0.3570028	+
8	3	3	-0.3376908	-	9	5	2	-0.5144958	+
8	4	3	-0.2387835	-	9	6	2	-0.6172134	+
8	5	3	-0.1324532	-	9	7	2	-0.5976143	+
9	-8	0	0.6172134	+	9	-8	3	0.0529256	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					10	-8	2	-0.0612593	-
					10	-7	2	-0.1267064	-
9	-7	3	0.1107019	+	10	-6	2	-0.2016677	-
9	-6	3	0.1785014	+	10	-5	2	-0.2808714	-
9	-5	3	0.2524391	+	10	-4	2	-0.3587722	-
9	-4	3	0.3283948	+	10	-3	2	-0.4297709	-
9	-3	3	0.4021998	+	10	-2	2	-0.4882521	-
9	-2	3	0.4696682	+	10	-1	2	-0.5285941	-
9	-1	3	0.5266032	+	10	0	2	-0.5451730	-
9	0	3	0.5687965	+	10	1	2	-0.5323633	-
9	1	3	0.5920221	+	10	2	2	-0.4845391	-
9	2	3	0.5920221	+	10	3	2	-0.3960738	-
9	3	3	0.5644709	+	10	4	2	-0.2613409	-
9	4	3	0.5048782	+	10	5	2	-0.0747137	-
9	5	3	0.4082483	+	10	6	2	0.1694347	-
9	6	3	0.2672612	+	10	7	2	0.4767313	-
10	-8	0	-0.3388695	-	10	8	2	0.8528029	-
10	-7	0	-0.4842001	-	10	-8	3	-0.0167765	-
10	-6	0	-0.5513334	-	10	-7	3	-0.0397891	-
10	-5	0	-0.5548319	-	10	-6	3	-0.0719144	-
10	-4	0	-0.5060846	-	10	-5	3	-0.1131639	-
10	-3	0	-0.4157909	-	10	-4	3	-0.1630866	-
10	-2	0	-0.2944271	-	10	-3	3	-0.2208203	-
10	-1	0	-0.1523805	-	10	-2	3	-0.2850778	-
10	0	0	0.0000000	-	10	-1	3	-0.3541003	-
10	1	0	0.1523805	-	10	0	3	-0.4255756	-
10	2	0	0.2944271	-	10	1	3	-0.4965048	-
10	3	0	0.4157909	-	10	2	3	-0.5629835	-
10	4	0	0.5060846	-	10	3	3	-0.6198245	-
10	5	0	0.5548319	-	10	4	3	-0.6598535	-
10	6	0	0.5513334	-	10	5	3	-0.6724233	-
10	7	0	0.4842001	-	10	6	3	-0.6396021	-
10	8	0	0.3388695	-	10	7	3	-0.5222330	-
10	-8	1	-0.1597446	-	J1 = 17/2				
10	-7	1	-0.2808923	-					
10	-6	1	-0.3855412	-					
10	-5	1	-0.4659707	-	11/2	-11/2	0	-0.1400280	+
10	-4	1	-0.5165204	-	11/2	-9/2	0	-0.2482431	+
10	-3	1	-0.5335626	-	11/2	-7/2	0	-0.3442513	+
10	-2	1	-0.5152474	-	11/2	-5/2	0	-0.4216200	+
10	-1	1	-0.4613548	-	11/2	-3/2	0	-0.4756515	+
10	0	1	-0.3732545	-	11/2	-1/2	0	-0.5033822	+
10	1	1	-0.2539675	-	11/2	1/2	0	-0.5033822	+
10	2	1	-0.1083462	-	11/2	3/2	0	-0.4756515	+
10	3	1	0.0565820	-	11/2	5/2	0	-0.4216200	+
10	4	1	0.2309949	-	11/2	7/2	0	-0.3442513	+
10	5	1	0.4011196	-	11/2	9/2	0	-0.2482431	+
10	6	1	0.5468483	-	11/2	11/2	0	-0.1400280	+
10	7	1	0.6358508	-	11/2	-13/2	1	0.2711631	+
10	8	1	0.6030227	-	11/2	-11/2	1	0.4021998	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					13/2	-15/2	1	0.5594975	-
					13/2	-13/2	1	0.5486325	-
11/2	-9/2	1	0.4807207	+	13/2	-11/2	1	0.4206977	-
11/2	-7/2	1	0.5163769	+	13/2	-9/2	1	0.2460559	-
11/2	-5/2	1	0.5163769	+	13/2	-7/2	1	0.0603194	-
11/2	-3/2	1	0.4873977	+	13/2	-5/2	1	-0.1144481	-
11/2	-1/2	1	0.4359418	+	13/2	-3/2	1	-0.2635545	-
11/2	1/2	1	0.3684381	+	13/2	-1/2	1	-0.3771685	-
11/2	3/2	1	0.2912759	+	13/2	1/2	1	-0.4491266	-
11/2	5/2	1	0.2108100	+	13/2	3/2	1	-0.4763464	-
11/2	7/2	1	0.1333279	+	13/2	5/2	1	-0.4585863	-
11/2	9/2	1	0.0648204	+	13/2	7/2	1	-0.3984570	-
11/2	-15/2	2	-0.4850713	+	13/2	9/2	1	-0.3016410	-
11/2	-13/2	2	-0.5687965	+	13/2	11/2	1	-0.1769287	-
11/2	-11/2	2	-0.5687965	+	13/2	-17/2	2	-0.7294955	-
11/2	-9/2	2	-0.5266032	+	13/2	-15/2	2	-0.3434983	-
11/2	-7/2	2	-0.4618616	+	13/2	-13/2	2	-0.0424969	-
11/2	-5/2	2	-0.3864211	+	13/2	-11/2	2	0.1819608	-
11/2	-3/2	2	-0.3082574	+	13/2	-9/2	2	0.3383269	-
11/2	-1/2	2	-0.2330207	+	13/2	-7/2	2	0.4350532	-
11/2	1/2	2	-0.1647705	+	13/2	-5/2	2	0.4805910	-
11/2	3/2	2	-0.1063589	+	13/2	-3/2	2	0.4833909	-
11/2	5/2	2	-0.0596261	+	13/2	-1/2	2	0.4519019	-
11/2	7/2	2	-0.0254246	+	13/2	1/2	2	0.3945697	-
11/2	-17/2	3	0.8164966	+	13/2	3/2	2	0.3198326	-
11/2	-15/2	3	0.6567896	+	13/2	5/2	2	0.2361089	-
11/2	-13/2	3	0.5192378	+	13/2	7/2	2	0.1517497	-
11/2	-11/2	3	0.4021998	+	13/2	9/2	2	0.0747660	-
11/2	-9/2	3	0.3040345	+	13/2	-17/2	3	-0.4955946	-
11/2	-7/2	3	0.2231003	+	13/2	-15/2	3	-0.5888542	-
11/2	-5/2	3	0.1577558	+	13/2	-13/2	3	-0.5979842	-
11/2	-3/2	3	0.1063589	+	13/2	-11/2	3	-0.5637849	-
11/2	-1/2	3	0.0672673	+	13/2	-9/2	3	-0.5053889	-
11/2	1/2	3	0.0388368	+	13/2	-7/2	3	-0.4342998	-
11/2	3/2	3	0.0194184	+	13/2	-5/2	3	-0.3582791	-
11/2	5/2	3	0.0073395	+	13/2	-3/2	3	-0.2828764	-
13/2	-13/2	0	-0.3426209	-	13/2	-1/2	3	-0.2121573	-
13/2	-11/2	0	-0.4674658	-	13/2	1/2	3	-0.1490889	-
13/2	-9/2	0	-0.5007734	-	13/2	3/2	3	-0.0957541	-
13/2	-7/2	0	-0.4625363	-	13/2	5/2	3	-0.0534586	-
13/2	-5/2	0	-0.3693795	-	13/2	7/2	3	-0.0227155	-
13/2	-3/2	0	-0.2371991	-	15/2	-15/2	0	-0.5888542	+
13/2	-1/2	0	-0.0816594	-	15/2	-13/2	0	-0.5375478	+
13/2	1/2	0	0.0816594	-	15/2	-11/2	0	-0.3634487	+
13/2	3/2	0	0.2371991	-	15/2	-9/2	0	-0.1516531	+
13/2	5/2	0	0.3693795	-	15/2	-7/2	0	0.0543005	+
13/2	7/2	0	0.4625363	-	15/2	-5/2	0	0.2278035	+
13/2	9/2	0	0.5007734	-	15/2	-3/2	0	0.3519077	+
13/2	11/2	0	0.4674658	-	15/2	-1/2	0	0.4163828	+
13/2	13/2	0	0.3426209	-	15/2	1/2	0	0.4163828	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					15/2	3/2	3	0.2609817	+
					15/2	5/2	3	0.1857364	+
15/2	3/2	0	0.3519077	+	15/2	7/2	3	0.1158270	+
15/2	5/2	0	0.2278035	+	15/2	9/2	3	0.0556415	+
15/2	7/2	0	0.0543005	+	17/2	-17/2	0	-0.7150372	-
15/2	9/2	0	-0.1516531	+	17/2	-15/2	0	-0.2103051	-
15/2	11/2	0	-0.3634487	+	17/2	-13/2	0	0.1366983	-
15/2	13/2	0	-0.5375478	+	17/2	-11/2	0	0.3470033	-
15/2	15/2	0	-0.5888542	+	17/2	-9/2	0	0.4416406	-
15/2	-17/2	1	0.7008766	+	17/2	-7/2	0	0.4416406	-
15/2	-15/2	1	0.2194530	+	17/2	-5/2	0	0.3680339	-
15/2	-13/2	1	-0.1173026	+	17/2	-3/2	0	0.2418508	-
15/2	-11/2	1	-0.3276082	+	17/2	-1/2	0	0.0841220	-
15/2	-9/2	1	-0.4296839	+	17/2	1/2	0	-0.0841220	-
15/2	-7/2	1	-0.4417519	+	17/2	3/2	0	-0.2418508	-
15/2	-5/2	1	-0.3820381	+	17/2	5/2	0	-0.3680339	-
15/2	-3/2	1	-0.2687739	+	17/2	7/2	0	-0.4416406	-
15/2	-1/2	1	-0.1201994	+	17/2	9/2	0	-0.4416406	-
15/2	1/2	1	0.0454311	+	17/2	11/2	0	-0.3470033	-
15/2	3/2	1	0.2098372	+	17/2	13/2	0	-0.1366983	-
15/2	5/2	1	0.3546896	+	17/2	15/2	0	0.2103051	-
15/2	7/2	1	0.4615545	+	17/2	17/2	0	0.7150372	-
15/2	9/2	1	0.5117423	+	17/2	-17/2	1	-0.6007514	-
15/2	11/2	1	0.4857799	+	17/2	-15/2	1	-0.5666541	-
15/2	13/2	1	0.3605981	+	17/2	-13/2	1	-0.4072540	-
15/2	-17/2	2	0.5722634	+	17/2	-11/2	1	-0.2044399	-
15/2	-15/2	2	0.5770523	+	17/2	-9/2	1	0.0000000	-
15/2	-13/2	2	0.4633080	+	17/2	-7/2	1	0.1802990	-
15/2	-11/2	2	0.2990640	+	17/2	-5/2	1	0.3196360	-
15/2	-9/2	2	0.1185527	+	17/2	-3/2	1	0.4072540	-
15/2	-7/2	2	-0.0569509	+	17/2	-1/2	1	0.4371109	-
15/2	-5/2	2	-0.2130907	+	17/2	1/2	1	0.4072540	-
15/2	-3/2	2	-0.3399751	+	17/2	3/2	1	0.3196360	-
15/2	-1/2	2	-0.4309971	+	17/2	5/2	1	0.1802990	-
15/2	1/2	2	-0.4822262	+	17/2	7/2	1	0.0000000	-
15/2	3/2	2	-0.4921118	+	17/2	9/2	1	-0.2044399	-
15/2	5/2	2	-0.4613948	+	17/2	11/2	1	-0.4072540	-
15/2	7/2	2	-0.3931949	+	17/2	13/2	1	-0.5666541	-
15/2	9/2	2	-0.2932564	+	17/2	15/2	1	-0.6007514	-
15/2	11/2	2	-0.1699876	+	17/2	-17/2	2	-0.3358302	-
15/2	-17/2	3	0.2649065	+	17/2	-15/2	2	-0.4735368	-
15/2	-15/2	3	0.4012365	+	17/2	-13/2	2	-0.5300564	-
15/2	-13/2	3	0.4914123	+	17/2	-11/2	2	-0.5212215	-
15/2	-11/2	3	0.5432768	+	17/2	-9/2	2	-0.4596741	-
15/2	-9/2	3	0.5623449	+	17/2	-7/2	2	-0.3573639	-
15/2	-7/2	3	0.5536258	+	17/2	-5/2	2	-0.2260168	-
15/2	-5/2	3	0.5219634	+	17/2	-3/2	2	-0.0772710	-
15/2	-3/2	3	0.4721337	+	17/2	-1/2	2	0.0772710	-
15/2	-1/2	3	0.4088798	+	17/2	1/2	2	0.2260168	-
15/2	1/2	3	0.3369259	+	17/2	3/2	2	0.3573639	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					19/2	3/2	1	-0.3820542	+
					19/2	5/2	1	-0.4534410	+
17/2	5/2	2	0.4596741	-	19/2	7/2	1	-0.4691936	+
17/2	7/2	2	0.5212215	-	19/2	9/2	1	-0.4155746	+
17/2	9/2	2	0.5300564	-	19/2	11/2	1	-0.2788490	+
17/2	11/2	2	0.4735368	-	19/2	13/2	1	-0.0452833	+
17/2	13/2	2	0.3358302	-	19/2	15/2	1	0.2988548	+
17/2	-17/2	3	-0.1226279	-	19/2	17/2	1	0.7672969	+
17/2	-15/2	3	-0.2225660	-	19/2	-17/2	2	0.1558948	+
17/2	-13/2	3	-0.3172053	-	19/2	-15/2	2	0.2741228	+
17/2	-11/2	3	-0.4012365	-	19/2	-13/2	2	0.3762497	+
17/2	-9/2	3	-0.4704915	-	19/2	-11/2	2	0.4547409	+
17/2	-7/2	3	-0.5219634	-	19/2	-9/2	2	0.5040723	+
17/2	-5/2	3	-0.5536258	-	19/2	-7/2	2	0.5207037	+
17/2	-3/2	3	-0.5643077	-	19/2	-5/2	2	0.5028300	+
17/2	-1/2	3	-0.5536258	-	19/2	-3/2	2	0.4502362	+
17/2	1/2	3	-0.5219634	-	19/2	-1/2	2	0.3642590	+
17/2	3/2	3	-0.4704915	-	19/2	1/2	2	0.2478469	+
17/2	5/2	3	-0.4012365	-	19/2	3/2	2	0.1057351	+
17/2	7/2	3	-0.3172053	-	19/2	5/2	2	-0.0552184	+
17/2	9/2	3	-0.2225660	-	19/2	7/2	2	-0.2254280	+
17/2	11/2	3	-0.1226279	-	19/2	9/2	2	-0.3914526	+
19/2	-17/2	0	0.6097858	+	19/2	11/2	2	-0.5336693	+
19/2	-15/2	0	0.5915791	+	19/2	13/2	2	-0.6205268	+
19/2	-13/2	0	0.4466348	+	19/2	15/2	2	-0.5884899	+
19/2	-11/2	0	0.2537695	+	19/2	-17/2	3	0.0477328	+
19/2	-9/2	0	0.0530521	+	19/2	-15/2	3	0.1002590	+
19/2	-7/2	0	-0.1306705	+	19/2	-13/2	3	0.1624381	+
19/2	-5/2	0	-0.2808923	+	19/2	-11/2	3	0.2309949	+
19/2	-3/2	0	-0.3866411	+	19/2	-9/2	3	0.3024434	+
19/2	-1/2	0	-0.4411396	+	19/2	-7/2	3	0.3732545	+
19/2	1/2	0	-0.4411396	+	19/2	-5/2	3	0.4398846	+
19/2	3/2	0	-0.3866411	+	19/2	-3/2	3	0.4987822	+
19/2	5/2	0	-0.2808923	+	19/2	-1/2	3	0.5463886	+
19/2	7/2	0	-0.1306705	+	19/2	1/2	3	0.5791350	+
19/2	9/2	0	0.0530521	+	19/2	3/2	3	0.5934368	+
19/2	11/2	0	0.2537695	+	19/2	5/2	3	0.5856791	+
19/2	13/2	0	0.4466348	+	19/2	7/2	3	0.5521835	+
19/2	15/2	0	0.5915791	+	19/2	9/2	3	0.4891160	+
19/2	17/2	0	0.6097858	+	19/2	11/2	3	0.3921652	+
19/2	-17/2	1	0.3520600	+	19/2	13/2	3	0.2548236	+
19/2	-15/2	1	0.4902199	+					
19/2	-13/2	1	0.5400364	+	J1 = 9				
19/2	-11/2	1	0.5198182	+					
19/2	-9/2	1	0.4444816	+	6	-6	0	-0.1294985	+
19/2	-7/2	1	0.3282043	+	6	-5	0	-0.2316540	+
19/2	-5/2	1	0.1849228	+	6	-4	0	-0.3246700	+
19/2	-3/2	1	0.0284754	+	6	-3	0	-0.4027035	+
19/2	-1/2	1	-0.1273460	+	6	-2	0	-0.4613548	+
19/2	1/2	1	-0.2687739	+	6	-1	0	-0.4976726	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					7	-5	0	-0.5015456	-
					7	-4	0	-0.4795693	-
6	0	0	-0.5099627	+	7	-3	0	-0.4052126	-
6	1	0	-0.4976726	+	7	-2	0	-0.2917864	-
6	2	0	-0.4613548	+	7	-1	0	-0.1523805	-
6	3	0	-0.4027035	+	7	0	0	0.0000000	-
6	4	0	-0.3246700	+	7	1	0	0.1523805	-
6	5	0	-0.2316540	+	7	2	0	0.2917864	-
6	6	0	-0.1294985	+	7	3	0	0.4052126	-
6	-7	1	0.2589970	+	7	4	0	0.4795693	-
6	-6	1	0.3884956	+	7	5	0	0.5015456	-
6	-5	1	0.4704915	+	7	6	0	0.4571415	-
6	-4	1	0.5133483	+	7	7	0	0.3291795	-
6	-3	1	0.5231272	+	7	-8	1	0.5540916	-
6	-2	1	0.5053889	+	7	-7	1	0.5587285	-
6	-1	1	0.4655301	+	7	-6	1	0.4485960	-
6	0	1	0.4088798	+	7	-5	1	0.2895675	-
6	1	1	0.3407331	+	7	-4	1	0.1147882	-
6	2	1	0.2663633	+	7	-3	1	-0.0551425	-
6	3	1	0.1910191	+	7	-2	1	-0.2063242	-
6	4	1	0.1198923	+	7	-1	1	-0.3291795	-
6	5	1	0.0579135	+	7	0	1	-0.4173112	-
6	-8	2	-0.4775669	+	7	1	1	-0.4669135	-
6	-7	2	-0.5674341	+	7	2	1	-0.4764852	-
6	-6	2	-0.5762320	+	7	3	1	-0.4467436	-
6	-5	2	-0.5432768	+	7	4	1	-0.3807093	-
6	-4	2	-0.4870049	+	7	5	1	-0.2839443	-
6	-3	2	-0.4185018	+	7	6	1	-0.1645897	-
6	-2	2	-0.3452464	+	7	-9	2	-0.7433919	-
6	-1	2	-0.2725865	+	7	-8	2	-0.3746343	-
6	0	2	-0.2044399	+	7	-7	2	-0.0819021	-
6	1	2	-0.1436657	+	7	-6	2	0.1418585	-
6	2	2	-0.0922710	+	7	-5	2	0.3037009	-
6	3	2	-0.0515140	+	7	-4	2	0.4106786	-
6	4	2	-0.0218892	+	7	-3	2	0.4698448	-
6	-9	3	0.8271702	+	7	-2	2	0.4882521	-
6	-8	3	0.6753816	+	7	-1	2	0.4729527	-
6	-7	3	0.5432768	+	7	0	2	0.4309971	-
6	-6	3	0.4294980	+	7	1	2	0.3694332	-
6	-5	3	0.3326877	+	7	2	2	0.2953021	-
6	-4	3	0.2514883	+	7	3	2	0.2156268	-
6	-3	3	0.1845419	+	7	4	2	0.1373707	-
6	-2	3	0.1304909	+	7	5	2	0.0671935	-
6	-1	3	0.0879769	+	7	-9	3	-0.4866643	-
6	0	3	0.0556415	+	7	-8	3	-0.5848977	-
6	1	3	0.0321246	+	7	-7	3	-0.6018547	-
6	2	3	0.0160623	+	7	-6	3	-0.5762320	-
6	3	3	0.0060710	+	7	-5	3	-0.5260255	-
7	-7	0	-0.3291795	-	7	-4	3	-0.4620135	-
7	-6	0	-0.4571415	-	7	-3	3	-0.3914726	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					8	-2	2	-0.2875878	+
					8	-1	2	-0.3901995	+
7	-2	3	-0.3196360	-	8	0	2	-0.4588315	+
7	-1	3	-0.2503867	-	8	1	2	-0.4911497	+
7	0	3	-0.1866272	-	8	2	2	-0.4866643	+
7	1	3	-0.1304909	-	8	3	2	-0.4467230	+
7	2	3	-0.0834622	-	8	4	2	-0.3746343	+
7	3	3	-0.0464341	-	8	5	2	-0.2759127	+
7	4	3	-0.0196722	-	8	6	2	-0.1583119	+
8	-8	0	-0.5838254	+	8	-9	3	0.2528038	+
8	-7	0	-0.5506888	+	8	-8	3	0.3861642	+
8	-6	0	-0.3957797	+	8	-7	3	0.4775669	+
8	-5	0	-0.1986799	+	8	-6	3	0.5339361	+
8	-4	0	0.0000000	+	8	-5	3	0.5599969	+
8	-3	0	0.1752192	+	8	-4	3	0.5599969	+
8	-2	0	0.3106304	+	8	-3	3	0.5380276	+
8	-1	0	0.3957797	+	8	-2	3	0.4981168	+
8	0	0	0.4247954	+	8	-1	3	0.4442617	+
8	1	0	0.3957797	+	8	0	3	0.3804430	+
8	2	0	0.3106304	+	8	1	3	0.3106304	+
8	3	0	0.1752192	+	8	2	3	0.2387835	+
8	4	0	0.0000000	+	8	3	3	0.1688454	+
8	5	0	-0.1986799	+	8	4	3	0.1047135	+
8	6	0	-0.3957797	+	8	5	3	0.0500626	+
8	7	0	-0.5506888	+	9	-9	0	-0.7279218	-
8	8	0	-0.5838254	+	9	-8	0	-0.2426406	-
8	-9	1	0.7150372	+	9	-7	0	0.0999108	-
8	-8	1	0.2528038	+	9	-6	0	0.3175737	-
8	-7	1	-0.0791559	+	9	-5	0	0.4281893	-
8	-6	1	-0.2961744	+	9	-4	0	0.4495988	-
8	-5	1	-0.4135851	+	9	-3	0	0.3996433	-
8	-4	1	-0.4467230	+	9	-2	0	0.2961643	-
8	-3	1	-0.4109254	+	9	-1	0	0.1570027	-
8	-2	1	-0.3215330	+	9	0	0	0.0000000	-
8	-1	1	-0.1938917	+	9	1	0	-0.1570027	-
8	0	1	-0.0433555	+	9	2	0	-0.2961643	-
8	1	1	0.1147079	+	9	3	0	-0.3996433	-
8	2	1	0.2649065	+	9	4	0	-0.4495988	-
8	3	1	0.3918020	+	9	5	0	-0.4281893	-
8	4	1	0.4798574	+	9	6	0	-0.3175737	-
8	5	1	0.5132944	+	9	7	0	-0.0999108	-
8	6	1	0.4755949	+	9	8	0	0.2426406	-
8	7	1	0.3468440	+	9	9	0	0.7279218	-
8	-9	2	0.5652865	+	9	-9	1	-0.5943457	-
8	-8	2	0.5838254	+	9	-8	1	-0.5766000	-
8	-7	2	0.4866643	+	9	-7	1	-0.4353258	-
8	-6	2	0.3376908	+	9	-6	1	-0.2473439	-
8	-5	2	0.1688454	+	9	-5	1	-0.0517088	-
8	-4	2	0.0000000	+	9	-4	1	0.1273618	-
8	-3	2	-0.1553152	+	9	-3	1	0.2737799	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					10	-5	0	0.1016873	+
					10	-4	0	-0.0786423	+
9	-2	1	0.3768512	-	10	-3	0	-0.2326362	+
9	-1	1	0.4299697	-	10	-2	0	-0.3495631	+
9	0	1	0.4299697	-	10	-1	0	-0.4223848	+
9	1	1	0.3768512	-	10	0	0	-0.4470932	+
9	2	1	0.2737799	-	10	1	0	-0.4223848	+
9	3	1	0.1273618	-	10	2	0	-0.3495631	+
9	4	1	-0.0517088	-	10	3	0	-0.2326362	+
9	5	1	-0.2473439	-	10	4	0	-0.0786423	+
9	6	1	-0.4353258	-	10	5	0	0.1016873	+
9	7	1	-0.5766000	-	10	6	0	0.2926428	+
9	8	1	-0.5943457	-	10	7	0	0.4708698	+
9	-9	2	-0.3223292	-	10	8	0	0.5988339	+
9	-8	2	-0.4605662	-	10	9	0	0.6023669	+
9	-7	2	-0.5244226	-	10	-9	1	0.3385010	+
9	-6	2	-0.5277504	-	10	-8	1	0.4777266	+
9	-5	2	-0.4813824	-	10	-7	1	0.5356086	+
9	-4	2	-0.3954960	-	10	-6	1	0.5282207	+
9	-3	2	-0.2800560	-	10	-5	1	0.4684214	+
9	-2	2	-0.1449428	-	10	-4	1	0.3683692	+
9	-1	2	0.0000000	-	10	-3	1	0.2399945	+
9	0	2	0.1449428	-	10	-2	1	0.0951343	+
9	1	2	0.2800560	-	10	-1	1	-0.0544184	+
9	2	2	0.3954960	-	10	0	1	-0.1968934	+
9	3	2	0.4813824	-	10	1	1	-0.3205332	+
9	4	2	0.5277504	-	10	2	1	-0.4135883	+
9	5	2	0.5244226	-	10	3	1	-0.4643141	+
9	6	2	0.4605662	-	10	4	1	-0.4609690	+
9	7	2	0.3223292	-	10	5	1	-0.3918137	+
9	-9	3	-0.1139606	-	10	6	1	-0.2451103	+
9	-8	3	-0.2080626	-	10	7	1	-0.0091221	+
9	-7	3	-0.2985407	-	10	8	1	0.3278870	+
9	-6	3	-0.3805662	-	10	9	1	0.7776523	+
9	-5	3	-0.4502920	-	10	-9	2	0.1456676	+
9	-4	3	-0.5048782	-	10	-8	2	0.2581452	+
9	-3	3	-0.5423261	-	10	-7	2	0.3576563	+
9	-2	3	-0.5613609	-	10	-6	2	0.4372688	+
9	-1	3	-0.5613609	-	10	-5	2	0.4917774	+
9	0	3	-0.5423261	-	10	-4	2	0.5176869	+
9	1	3	-0.5048782	-	10	-3	2	0.5129772	+
9	2	3	-0.4502920	-	10	-2	2	0.4769558	+
9	3	3	-0.3805662	-	10	-1	2	0.4101945	+
9	4	3	-0.2985407	-	10	0	2	0.3145419	+
9	5	3	-0.2080626	-	10	1	2	0.1932128	+
9	6	3	-0.1139606	-	10	2	2	0.0509739	+
10	-9	0	0.6023669	+	10	3	2	-0.1055259	+
10	-8	0	0.5988339	+	10	4	2	-0.2671757	+
10	-7	0	0.4708698	+	10	5	2	-0.4213299	+
10	-6	0	0.2926428	+	10	6	2	-0.5495994	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					13/2	9/2	1	0.1083462	+
					13/2	11/2	1	0.0520478	+
10	7	2	-0.6223759	+	13/2	-17/2	2	-0.4701623	+
10	8	2	-0.5796278	+	13/2	-15/2	2	-0.5650648	+
10	-9	3	0.0432697	+	13/2	-13/2	2	-0.5814469	+
10	-8	3	0.0912206	+	13/2	-11/2	2	-0.5566930	+
10	-7	3	0.1484140	+	13/2	-9/2	2	-0.5081889	+
10	-6	3	0.2120641	+	13/2	-7/2	2	-0.4463474	+
10	-5	3	0.2791954	+	13/2	-5/2	2	-0.3781984	+
10	-4	3	0.3467936	+	13/2	-3/2	2	-0.3087977	+
10	-3	3	0.4118320	+	13/2	-1/2	2	-0.2418965	+
10	-2	3	0.4712776	+	13/2	1/2	2	-0.1802990	+
10	-1	3	0.5220924	+	13/2	3/2	2	-0.1260661	+
10	0	3	0.5612324	+	13/2	5/2	2	-0.0806322	+
10	1	3	0.5856451	+	13/2	7/2	2	-0.0448596	+
10	2	3	0.5922628	+	13/2	9/2	2	-0.0190052	+
10	3	3	0.5779893	+	13/2	-19/2	3	0.8366600	+
10	4	3	0.5396684	+	13/2	-17/2	3	0.6920602	+
10	5	3	0.4739962	+	13/2	-15/2	3	0.5650648	+
10	6	3	0.3772168	+	13/2	-13/2	3	0.4545379	+
10	7	3	0.2434924	+	13/2	-11/2	3	0.3593438	+
J1 = 19/2					13/2	-9/2	3	0.2783465	+
					13/2	-7/2	3	0.2104102	+
					13/2	-5/2	3	0.1543989	+
13/2	-13/2	0	-0.1201994	+	13/2	-3/2	3	0.1091765	+
13/2	-11/2	0	-0.2166925	+	13/2	-1/2	3	0.0736068	+
13/2	-9/2	0	-0.3064494	+	13/2	1/2	3	0.0465530	+
13/2	-7/2	0	-0.3841547	+	13/2	3/2	3	0.0268774	+
13/2	-5/2	0	-0.4457111	+	13/2	5/2	3	0.0134387	+
13/2	-3/2	0	-0.4882521	+	13/2	7/2	3	0.0050793	+
13/2	-1/2	0	-0.5099627	+	15/2	-15/2	0	-0.3166238	-
13/2	1/2	0	-0.5099627	+	15/2	-13/2	0	-0.4464547	-
13/2	3/2	0	-0.4882521	+	15/2	-11/2	0	-0.4997419	-
13/2	5/2	0	-0.4457111	+	15/2	-9/2	0	-0.4914123	-
13/2	7/2	0	-0.3841547	+	15/2	-7/2	0	-0.4333849	-
13/2	9/2	0	-0.3064494	+	15/2	-5/2	0	-0.3369259	-
13/2	11/2	0	-0.2166925	+	15/2	-3/2	0	-0.2130907	-
13/2	13/2	0	-0.1201994	+	15/2	-1/2	0	-0.0728518	-
13/2	-15/2	1	0.2477973	+	15/2	1/2	0	0.0728518	-
13/2	-13/2	1	0.3753224	+	15/2	3/2	0	0.2130907	-
13/2	-11/2	1	0.4596741	+	15/2	5/2	0	0.3369259	-
13/2	-9/2	1	0.5081889	+	15/2	7/2	0	0.4333849	-
13/2	-7/2	1	0.5260255	+	15/2	9/2	0	0.4914123	-
13/2	-5/2	1	0.5178695	+	15/2	11/2	0	0.4997419	-
13/2	-3/2	1	0.4882521	+	15/2	13/2	0	0.4464547	-
13/2	-1/2	1	0.4416406	+	15/2	15/2	0	0.3166238	-
13/2	1/2	1	0.3824720	+	15/2	-17/2	1	0.5484085	-
13/2	3/2	1	0.3151654	+	15/2	-15/2	1	0.5663939	-
13/2	5/2	1	0.2441260	+	15/2	-13/2	1	0.4721337	-
13/2	7/2	1	0.1737405	+	15/2	-11/2	1	0.3276082	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					17/2	-7/2	0	0.1239649	+
					17/2	-5/2	0	0.2664778	+
15/2	-9/2	1	0.1638041	-	17/2	-3/2	0	0.3668000	+
15/2	-7/2	1	0.0000000	-	17/2	-1/2	0	0.4185018	+
15/2	-5/2	1	-0.1506779	-	17/2	1/2	0	0.4185018	+
15/2	-3/2	1	-0.2790012	-	17/2	3/2	0	0.3668000	+
15/2	-1/2	1	-0.3785491	-	17/2	5/2	0	0.2664778	+
15/2	1/2	1	-0.4451319	-	17/2	7/2	0	0.1239649	+
15/2	3/2	1	-0.4764852	-	17/2	9/2	0	-0.0503296	+
15/2	5/2	1	-0.4721337	-	17/2	11/2	0	-0.2407469	+
15/2	7/2	1	-0.4333849	-	17/2	13/2	0	-0.4237150	+
15/2	9/2	1	-0.3634487	-	17/2	15/2	0	-0.5612212	+
15/2	11/2	1	-0.2676746	-	17/2	17/2	0	-0.5784936	+
15/2	13/2	1	-0.1535851	-	17/2	-19/2	1	0.7279218	+
15/2	-19/2	2	-0.7559289	-	17/2	-17/2	1	0.2835186	+
15/2	-17/2	2	-0.4029963	-	17/2	-15/2	1	-0.0429595	+
15/2	-15/2	2	-0.1184698	-	17/2	-13/2	1	-0.2645394	+
15/2	-13/2	2	0.1035988	-	17/2	-11/2	1	-0.3942487	+
15/2	-11/2	2	0.2691576	-	17/2	-9/2	1	-0.4451161	+
15/2	-9/2	2	0.3841547	-	17/2	-7/2	1	-0.4301719	+
15/2	-7/2	2	0.4545379	-	17/2	-5/2	1	-0.3624484	+
15/2	-5/2	2	0.4862551	-	17/2	-3/2	1	-0.2549813	+
15/2	-3/2	2	0.4852536	-	17/2	-1/2	1	-0.1208111	+
15/2	-1/2	2	0.4574800	-	17/2	1/2	1	0.0270142	+
15/2	1/2	2	0.4088798	-	17/2	3/2	1	0.1754332	+
15/2	3/2	2	0.3453958	-	17/2	5/2	1	0.3113619	+
15/2	5/2	2	0.2729648	-	17/2	7/2	1	0.4216723	+
15/2	7/2	2	0.1975077	-	17/2	9/2	1	0.4931428	+
15/2	9/2	2	0.1248912	-	17/2	11/2	1	0.5123235	+
15/2	11/2	2	0.0607098	-	17/2	13/2	1	0.4650635	+
15/2	-19/2	3	-0.4780914	-	17/2	15/2	1	0.3339934	+
15/2	-17/2	3	-0.5803810	-	17/2	-19/2	2	0.5582905	+
15/2	-15/2	3	-0.6040797	-	17/2	-17/2	2	0.5886834	+
15/2	-13/2	3	-0.5860434	-	17/2	-15/2	2	0.5062831	+
15/2	-11/2	3	-0.5432768	-	17/2	-13/2	2	0.3713645	+
15/2	-9/2	3	-0.4859215	-	17/2	-11/2	2	0.2138598	+
15/2	-7/2	3	-0.4208204	-	17/2	-9/2	2	0.0523847	+
15/2	-5/2	3	-0.3529117	-	17/2	-7/2	2	-0.1003091	+
15/2	-3/2	3	-0.2858911	-	17/2	-5/2	2	-0.2351282	+
15/2	-1/2	3	-0.2225660	-	17/2	-3/2	2	-0.3455665	+
15/2	1/2	3	-0.1650593	-	17/2	-1/2	2	-0.4271316	+
15/2	3/2	3	-0.1149326	-	17/2	1/2	2	-0.4770264	+
15/2	5/2	3	-0.0732554	-	17/2	3/2	2	-0.4939829	+
15/2	7/2	3	-0.0406348	-	17/2	5/2	2	-0.4782050	+
15/2	9/2	3	-0.0171713	-	17/2	7/2	2	-0.4314051	+
17/2	-17/2	0	-0.5784936	+	17/2	9/2	2	-0.3569418	+
17/2	-15/2	0	-0.5612212	+	17/2	11/2	2	-0.2600557	+
17/2	-13/2	0	-0.4237150	+	17/2	13/2	2	-0.1478948	+
17/2	-11/2	0	-0.2407469	+	17/2	-19/2	3	0.2417469	+
17/2	-9/2	0	-0.0503296	+	17/2	-17/2	3	0.3720406	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					19/2	9/2	1	-0.0992367	-
					19/2	11/2	1	-0.2855901	-
17/2	-15/2	3	0.4640162	+	19/2	13/2	1	-0.4595218	-
17/2	-13/2	3	0.5238473	+	19/2	15/2	1	-0.5844020	-
17/2	-11/2	3	0.5556240	+	19/2	17/2	1	-0.5878499	-
17/2	-9/2	3	0.5629835	+	19/2	-19/2	2	-0.3098241	-
17/2	-7/2	3	0.5494157	+	19/2	-17/2	2	-0.4478843	-
17/2	-5/2	3	0.5183497	+	19/2	-15/2	2	-0.5175552	-
17/2	-3/2	3	0.4731864	+	19/2	-13/2	2	-0.5310697	-
17/2	-1/2	3	0.4173112	+	19/2	-11/2	2	-0.4977955	-
17/2	1/2	3	0.3541003	+	19/2	-9/2	2	-0.4264780	-
17/2	3/2	3	0.2869230	+	19/2	-7/2	2	-0.3256601	-
17/2	5/2	3	0.2191410	+	19/2	-5/2	2	-0.2038040	-
17/2	7/2	3	0.1541024	+	19/2	-3/2	2	-0.0693355	-
17/2	9/2	3	0.0951140	+	19/2	-1/2	2	0.0693355	-
17/2	11/2	3	0.0452833	+	19/2	1/2	2	0.2038040	-
19/2	-19/2	0	-0.7396949	-	19/2	3/2	2	0.3256601	-
19/2	-17/2	0	-0.2725192	-	19/2	5/2	2	0.4264780	-
19/2	-15/2	0	0.0648855	-	19/2	7/2	2	0.4977955	-
19/2	-13/2	0	0.2877863	-	19/2	9/2	2	0.5310697	-
19/2	-11/2	0	0.4114505	-	19/2	11/2	2	0.5175552	-
19/2	-9/2	0	0.4511452	-	19/2	13/2	2	0.4478843	-
19/2	-7/2	0	0.4221375	-	19/2	15/2	2	0.3098241	-
19/2	-5/2	0	0.3396948	-	19/2	-19/2	3	-0.1062688	-
19/2	-3/2	0	0.2190840	-	19/2	-17/2	3	-0.1950379	-
19/2	-1/2	0	0.0755725	-	19/2	-15/2	3	-0.2815129	-
19/2	1/2	0	-0.0755725	-	19/2	-13/2	3	-0.3612874	-
19/2	3/2	0	-0.2190840	-	19/2	-11/2	3	-0.4308078	-
19/2	5/2	0	-0.3396948	-	19/2	-9/2	3	-0.4874034	-
19/2	7/2	0	-0.4221375	-	19/2	-7/2	3	-0.5291350	-
19/2	9/2	0	-0.4511452	-	19/2	-5/2	3	-0.5546842	-
19/2	11/2	0	-0.4114505	-	19/2	-3/2	3	-0.5632845	-
19/2	13/2	0	-0.2877863	-	19/2	-1/2	3	-0.5546842	-
19/2	15/2	0	-0.0648855	-	19/2	1/2	3	-0.5291350	-
19/2	17/2	0	0.2725192	-	19/2	3/2	3	-0.4874034	-
19/2	19/2	0	0.7396949	-	19/2	5/2	3	-0.4308078	-
19/2	-19/2	1	-0.5878499	-	19/2	7/2	3	-0.3612874	-
19/2	-17/2	1	-0.5844020	-	19/2	9/2	3	-0.2815129	-
19/2	-15/2	1	-0.4595218	-	19/2	11/2	3	-0.1950379	-
19/2	-13/2	1	-0.2855901	-	19/2	13/2	3	-0.1062688	-
19/2	-11/2	1	-0.0992367	-					
19/2	-9/2	1	0.0767470	-	J1 = 10				
19/2	-7/2	1	0.2270297	-					
19/2	-5/2	1	0.3411386	-	7	-7	0	-0.1119434	+
19/2	-3/2	1	0.4122054	-	7	-6	0	-0.2031740	+
19/2	-1/2	1	0.4363183	-	7	-5	0	-0.2895675	+
19/2	1/2	1	0.4122054	-	7	-4	0	-0.3662771	+
19/2	3/2	1	0.3411386	-	7	-3	0	-0.4294980	+
19/2	5/2	1	0.2270297	-	7	-2	0	-0.4764852	+
19/2	7/2	1	0.0767470	-	7	-1	0	-0.5053889	+

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					7	0	3	0.0622091 +	
					7	1	3	0.0393445 +	
	7	0	0	-0.5151401 +	7	2	3	0.0227155 +	
	7	1	0	-0.5053889 +	7	3	3	0.0113578 +	
	7	2	0	-0.4764852 +	7	4	3	0.0042928 +	
	7	3	0	-0.4294980 +	8	-8	0	-0.3048929 -	
	7	4	0	-0.3662771 +	8	-7	0	-0.4356520 -	
	7	5	0	-0.2895675 +	8	-6	0	-0.4960542 -	
	7	6	0	-0.2031740 +	8	-5	0	-0.4992019 -	
	7	7	0	-0.1119434 +	8	-4	0	-0.4553422 -	
	7	-8	1	0.2374678 +	8	-3	0	-0.3741018 -	
	7	-7	1	0.3627381 +	8	-2	0	-0.2649065 -	
	7	-6	1	0.4485960 +	8	-1	0	-0.1371021 -	
	7	-5	1	0.5015456 +	8	0	0	0.0000000 -	
	7	-4	1	0.5260255 +	8	1	0	0.1371021 -	
	7	-3	1	0.5260255 +	8	2	0	0.2649065 -	
	7	-2	1	0.5053889 +	8	3	0	0.3741018 -	
	7	-1	1	0.4678992 +	8	4	0	0.4553422 -	
	7	0	1	0.4173112 +	8	5	0	0.4992019 -	
	7	1	1	0.3573639 +	8	6	0	0.4960542 -	
	7	2	1	0.2917864 +	8	7	0	0.4356520 -	
	7	3	1	0.2242980 +	8	8	0	0.3048929 -	
	7	4	1	0.1586026 +	8	-9	1	0.5425609 -	
	7	5	1	0.0983612 +	8	-8	1	0.5720975 -	
	7	6	1	0.0470256 +	8	-7	1	0.4920188 -	
	7	-9	2	-0.4629100 +	8	-6	1	0.3609015 -	
	7	-8	2	-0.5619515 +	8	-5	1	0.2078343 -	
	7	-7	2	-0.5848977 +	8	-4	1	0.0509088 -	
	7	-6	2	-0.5674341 +	8	-3	1	-0.0974829 -	
	7	-5	2	-0.5260255 +	8	-2	1	-0.2285035 -	
	7	-4	2	-0.4704915 +	8	-1	1	-0.3358302 -	
	7	-3	2	-0.4074576 +	8	0	1	-0.4150973 -	
	7	-2	2	-0.3417053 +	8	1	1	-0.4635863 -	
	7	-1	2	-0.2768129 +	8	2	1	-0.4800651 -	
	7	0	2	-0.2154986 +	8	3	1	-0.4647317 -	
	7	1	2	-0.1598180 +	8	4	1	-0.4192504 -	
	7	2	2	-0.1112830 +	8	5	1	-0.3468850 -	
	7	3	2	-0.0709293 +	8	6	1	-0.2527287 -	
	7	4	2	-0.0393445 +	8	7	1	-0.1437279 -	
	7	5	2	-0.0166261 +	8	-10	2	-0.7672969 -	
	7	-10	3	0.8451543 +	8	-9	2	-0.4289320 -	
	7	-9	3	0.7071068 +	8	-8	2	-0.1524464 -	
	7	-8	3	0.5848977 +	8	-7	2	0.0672226 -	
	7	-7	3	0.4775669 +	8	-6	2	0.2351377 -	
	7	-6	3	0.3841547 +	8	-5	2	0.3563616 -	
	7	-5	3	0.3037009 +	8	-4	2	0.4359570 -	
	7	-4	3	0.2352457 +	8	-3	2	0.4789862 -	
	7	-3	3	0.1778291 +	8	-2	2	0.4905115 -	
	7	-2	3	0.1304909 +	8	-1	2	0.4755949 -	
	7	-1	3	0.0922710 +	8	0	2	0.4392977 -	

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					9	-3	1	-0.3934009	+
					9	-2	1	-0.3048879	+
8	1	2	0.3866801	-	9	-1	1	-0.1872829	+
8	2	2	0.3228001	-	9	0	1	-0.0517623	+
8	3	2	0.2527099	-	9	1	1	0.0904907	+
8	4	2	0.1814476	-	9	2	1	0.2282803	+
8	5	2	0.1140022	-	9	3	1	0.3503890	+
8	6	2	0.0551171	-	9	4	1	0.4455576	+
8	-10	3	-0.4698715	-	9	5	1	0.5024381	+
8	-9	3	-0.5754727	-	9	6	1	0.5094654	+
8	-8	3	-0.6050031	-	9	7	1	0.4544087	+
8	-7	3	-0.5936936	-	9	8	1	0.3219786	+
8	-6	3	-0.5576780	-	9	-10	2	0.5513360	+
8	-5	3	-0.5065362	-	9	-9	2	0.5919976	+
8	-4	3	-0.4467230	-	9	-8	2	0.5227733	+
8	-3	3	-0.3829054	-	9	-7	2	0.4007647	+
8	-2	3	-0.3185965	-	9	-6	2	0.2541347	+
8	-1	3	-0.2564946	-	9	-5	2	0.1003752	+
8	0	3	-0.1986799	-	9	-4	2	-0.0484858	+
8	1	3	-0.1467348	-	9	-3	2	-0.1837820	+
8	2	3	-0.1018176	-	9	-2	2	-0.2991890	+
8	3	3	-0.0647040	-	9	-1	2	-0.3901728	+
8	4	3	-0.0357996	-	9	0	2	-0.4536755	+
8	5	3	-0.0150944	-	9	1	2	-0.4879387	+
9	-9	0	-0.5729652	+	9	2	2	-0.4924184	+
9	-8	0	-0.5696047	+	9	3	2	-0.4677736	+
9	-7	0	-0.4478865	+	9	4	2	-0.4159256	+
9	-6	0	-0.2783588	+	9	5	2	-0.3401990	+
9	-5	0	-0.0967239	+	9	6	2	-0.2455450	+
9	-4	0	0.0748037	+	9	7	2	-0.1385575	+
9	-3	0	0.2212812	+	9	-10	3	0.2316074	+
9	-2	0	0.3325008	+	9	-9	3	0.3588047	+
9	-1	0	0.4017681	+	9	-8	3	0.4508603	+
9	0	0	0.4252704	+	9	-7	3	0.5133270	+
9	1	0	0.4017681	+	9	-6	3	0.5497775	+
9	2	0	0.3325008	+	9	-5	3	0.5633543	+
9	3	0	0.2212812	+	9	-4	3	0.5570596	+
9	4	0	0.0748037	+	9	-3	3	0.5338385	+
9	5	0	-0.0967239	+	9	-2	3	0.4966089	+
9	6	0	-0.2783588	+	9	-1	3	0.4482744	+
9	7	0	-0.4478865	+	9	0	3	0.3917304	+
9	8	0	-0.5696047	+	9	1	3	0.3298665	+
9	9	0	-0.5729652	+	9	2	3	0.2655678	+
9	-10	1	0.7396949	+	9	3	3	0.2017132	+
9	-9	1	0.3118827	+	9	4	3	0.1411698	+
9	-8	1	-0.0086768	+	9	5	3	0.0867681	+
9	-7	1	-0.2331464	+	9	6	3	0.0411577	+
9	-6	1	-0.3726891	+	10	-10	0	-0.7504939	-
9	-5	1	-0.4384690	+	10	-9	0	-0.3001976	-
9	-4	1	-0.4416508	+	10	-8	0	0.0315997	-

J2 = 3

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					10	0	2	0.1310056	-
					10	1	2	0.2547653	-
10	-7	0	0.2580646	-	10	2	2	0.3640262	-
10	-6	0	0.3923635	-	10	3	2	0.4515189	-
10	-5	0	0.4476630	-	10	4	2	0.5099387	-
10	-4	0	0.4371298	-	10	5	2	0.5319029	-
10	-3	0	0.3739303	-	10	6	2	0.5098367	-
10	-2	0	0.2712311	-	10	7	2	0.4355724	-
10	-1	0	0.1421988	-	10	8	2	0.2982160	-
10	0	0	0.0000000	-	10	-10	3	-0.0994053	-
10	1	0	-0.1421988	-	10	-9	3	-0.1832944	-
10	2	0	-0.2712311	-	10	-8	3	-0.2659515	-
10	3	0	-0.3739303	-	10	-7	3	-0.3433419	-
10	4	0	-0.4371298	-	10	-6	3	-0.4121785	-
10	5	0	-0.4476630	-	10	-5	3	-0.4699558	-
10	6	0	-0.3923635	-	10	-4	3	-0.5148108	-
10	7	0	-0.2580646	-	10	-3	3	-0.5454199	-
10	8	0	-0.0315997	-	10	-2	3	-0.5609325	-
10	9	0	0.3001976	-	10	-1	3	-0.5609325	-
10	10	0	0.7504939	-	10	0	3	-0.5454199	-
10	-10	1	-0.5813301	-	10	1	3	-0.5148108	-
10	-9	1	-0.5904376	-	10	2	3	-0.4699558	-
10	-8	1	-0.4804044	-	10	3	3	-0.4121785	-
10	-7	1	-0.3196954	-	10	4	3	-0.3433419	-
10	-6	1	-0.1427828	-	10	5	3	-0.2659515	-
10	-5	1	0.0288465	-	10	6	3	-0.1832944	-
10	-4	1	0.1806076	-	10	7	3	-0.0994053	-
10	-3	1	0.3023382	-					
10	-2	1	0.3870969	-					
10	-1	1	0.4305284	-					
10	0	1	0.4305284	-					
10	1	1	0.3870969	-					
10	2	1	0.3023382	-					
10	3	1	0.1806076	-					
10	4	1	0.0288465	-					
10	5	1	-0.1427828	-					
10	6	1	-0.3196954	-					
10	7	1	-0.4804044	-					
10	8	1	-0.5904376	-					
10	9	1	-0.5813301	-					
10	-10	2	-0.2982160	-					
10	-9	2	-0.4355724	-					
10	-8	2	-0.5098367	-					
10	-7	2	-0.5319029	-					
10	-6	2	-0.5099387	-					
10	-5	2	-0.4515189	-					
10	-4	2	-0.3640262	-					
10	-3	2	-0.2547653	-					
10	-2	2	-0.1310056	-					
10	-1	2	0.0000000	-					

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 0					4	-1	2	-0.6708204	-
					4	0	2	-0.4472136	-
4	0	0	1.0000000	+	4	1	2	0.5916080	-
4	0	1	1.0000000	+	4	-1	3	-0.5916080	-
4	0	2	1.0000000	+	4	0	3	-0.6708204	-
4	0	3	1.0000000	+	4	1	3	0.4472136	-
4	0	4	1.0000000	+	4	-1	4	-0.4472136	-
					4	0	4	-0.8944272	-
J1 = 1/2					5	-1	0	0.5773503	+
					5	0	0	0.7453560	+
7/2	-1/2	0	-0.6666667	-	5	1	0	0.5773503	+
7/2	1/2	0	0.6666667	-	5	-1	1	0.4714045	-
7/2	-1/2	1	-0.7453560	-	5	0	1	0.7302967	+
7/2	1/2	1	0.5773503	-	5	1	1	0.6831301	+
7/2	-1/2	2	-0.8164966	-	5	-1	2	0.3651484	+
7/2	1/2	2	0.4714045	-	5	0	2	0.6831301	+
7/2	-1/2	3	-0.8819171	-	5	1	2	0.7888106	+
7/2	1/2	3	0.3333333	-	5	-1	3	0.2581989	+
7/2	-1/2	4	-0.9428090	-	5	0	3	0.5962848	+
9/2	-1/2	0	0.7453560	+	5	1	3	0.8944272	+
9/2	1/2	0	0.7453560	+	5	-1	4	0.1490712	+
9/2	-1/2	1	0.6666667	+	5	0	4	0.4472136	+
9/2	1/2	1	0.8164966	+	5	1	4	1.0000000	+
9/2	-1/2	2	0.5773503	+					
9/2	1/2	2	0.8819171	+	J1 = 3/2				
9/2	-1/2	3	0.4714045	+	5/2	-3/2	0	-0.2182179	-
9/2	1/2	3	0.9428090	+	5/2	-1/2	0	0.5345225	-
9/2	-1/2	4	0.3333333	+	5/2	1/2	0	-0.5345225	-
9/2	1/2	4	1.0000000	+	5/2	3/2	0	0.2182179	-
J1 = 1					5/2	-3/2	1	-0.3450328	-
					5/2	-1/2	1	0.5976143	-
3	-1	0	0.4082483	+	5/2	1/2	1	-0.4225771	-
3	0	0	-0.6666667	+	5/2	3/2	1	0.1091089	-
3	1	0	0.4082483	+	5/2	-3/2	2	-0.4879500	-
3	-1	1	0.5270463	+	5/2	-1/2	2	0.5976143	-
3	0	1	-0.6454972	+	5/2	1/2	2	-0.2672612	-
3	1	1	0.2886751	+	5/2	-3/2	3	-0.6454972	-
3	-1	2	0.6454972	+	5/2	-1/2	3	0.5000000	-
3	0	2	-0.5773503	+	5/2	-3/2	4	-0.8164966	-
3	1	2	0.1666667	+	7/2	-3/2	0	0.5345225	+
3	-1	3	0.7637626	+	7/2	-1/2	0	-0.3984095	+
3	0	3	-0.4409586	+	7/2	1/2	0	-0.3984095	+
3	-1	4	0.8819171	+	7/2	3/2	0	0.5345225	+
4	-1	0	-0.7071068	-	7/2	-3/2	1	0.6172134	+
4	0	0	0.0000000	-	7/2	-1/2	1	-0.1781742	+
4	1	0	0.7071068	-	7/2	1/2	1	-0.5520524	+
4	-1	1	-0.7071068	-	7/2	3/2	1	0.4140393	+
4	0	1	-0.2236068	-	7/2	-3/2	2	0.6546537	+
4	1	1	0.6708204	-	7/2	-1/2	2	0.0975900	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3/2					J1 = 2				
7/2	1/2	2	-0.6197798	+	2	-2	0	0.0890871	+
7/2	3/2	2	0.2581989	+	2	-1	0	-0.3563483	+
7/2	-3/2	3	0.6324555	+	2	0	0	0.5345225	+
7/2	-1/2	3	0.4216370	+	2	1	0	-0.3563483	+
7/2	1/2	3	-0.5577734	+	2	2	0	0.0890871	+
7/2	-3/2	4	0.5163978	+	2	-2	1	0.1992048	+
7/2	-1/2	4	0.7888106	+	2	-1	1	-0.4879500	+
9/2	-3/2	0	-0.6741999	-	2	0	1	0.4879500	+
9/2	-1/2	0	-0.3178209	-	2	1	1	-0.1992048	+
9/2	1/2	0	0.3178209	-	2	-2	2	0.3450328	+
9/2	3/2	0	0.6741999	-	2	-1	2	-0.5634362	+
9/2	-3/2	1	-0.6154575	-	2	0	2	0.3450328	+
9/2	-1/2	1	-0.4974683	-	2	-2	3	0.5270463	+
9/2	1/2	1	0.0870388	-	2	-1	3	-0.5270463	+
9/2	3/2	1	0.6908493	-	2	-2	4	0.7453560	+
9/2	-3/2	2	-0.5222330	-	3	-2	0	-0.3333333	-
9/2	-1/2	2	-0.6154575	-	3	-1	0	0.5270463	-
9/2	1/2	2	-0.1880254	-	3	0	0	0.0000000	-
9/2	3/2	2	0.6513389	-	3	1	0	-0.5270463	-
9/2	-3/2	3	-0.3988620	-	3	2	0	0.3333333	-
9/2	-1/2	3	-0.6532746	-	3	-2	1	-0.4714045	-
9/2	1/2	3	-0.5025189	-	3	-1	1	0.4082483	-
9/2	3/2	3	0.5222330	-	3	0	1	0.2886751	-
9/2	-3/2	4	-0.2461830	-	3	1	1	-0.5217492	-
9/2	-1/2	4	-0.5685352	-	3	2	1	0.1825742	-
9/2	1/2	4	-0.8528029	-	3	-2	2	-0.5773503	-
11/2	-3/2	0	0.4605662	+	3	-1	2	0.1666667	-
11/2	-1/2	0	0.6741999	+	3	0	2	0.5163978	-
11/2	1/2	0	0.6741999	+	3	1	2	-0.3872983	-
11/2	3/2	0	0.4605662	+	3	-2	3	-0.6236096	-
11/2	-3/2	1	0.3481553	+	3	-1	3	-0.1972027	-
11/2	-1/2	1	0.6030227	+	3	0	3	0.5916080	-
11/2	1/2	1	0.7135061	+	3	-2	4	-0.5577734	-
11/2	3/2	1	0.5825753	+	3	-1	4	-0.6831301	-
11/2	-3/2	2	0.2461830	+	4	-2	0	0.5921565	+
11/2	-1/2	2	0.5045250	+	4	-1	0	-0.1395726	+
11/2	1/2	2	0.7135061	+	4	0	0	-0.5096472	+
11/2	3/2	2	0.7135061	+	4	1	0	-0.1395726	+
11/2	-3/2	3	0.1556998	+	4	2	0	0.5921565	+
11/2	-1/2	3	0.3813850	+	4	-2	1	0.6241878	+
11/2	1/2	3	0.6605783	+	4	-1	1	0.1395726	+
11/2	3/2	3	0.8528029	+	4	0	1	-0.4332001	+
11/2	-3/2	4	0.0778499	+	4	1	1	-0.3972307	+
11/2	-1/2	4	0.2335497	+	4	2	1	0.4954337	+
11/2	1/2	4	0.5222330	+	4	-2	2	0.5921565	+
11/2	3/2	4	1.0000000	+	4	-1	2	0.3972307	+
					4	0	2	-0.2038589	+
					4	1	2	-0.5838742	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 2					6	-1	3	0.2542567 +	
					6	0	3	0.4670994 +	
4	2	2	0.3302891 +		6	1	3	0.6963106 +	
4	-2	3	0.4954337 +		6	2	3	0.8164966 +	
4	-1	3	0.5838742 +		6	-2	4	0.0449467 +	
4	0	3	0.1783765 +		6	-1	4	0.1348400 +	
4	1	3	-0.6179144 +		6	0	4	0.3015113 +	
4	-2	4	0.3302891 +		6	1	4	0.5773503 +	
4	-1	4	0.6179144 +		6	2	4	1.0000000 +	
4	0	4	0.7135061 +						
5	-2	0	-0.6236096 -		J1 = 5/2				
5	-1	0	-0.4714045 -						
5	0	0	0.0000000 -		3/2	-3/2	0	0.1781742 -	
5	1	0	0.4714045 -		3/2	-1/2	0	-0.4364358 -	
5	2	0	0.6236096 -		3/2	1/2	0	0.4364358 -	
5	-2	1	-0.5270463 -		3/2	3/2	0	-0.1781742 -	
5	-1	1	-0.5773503 -		3/2	-5/2	1	-0.0890871 -	
5	0	1	-0.2581989 -		3/2	-3/2	1	0.3450328 -	
5	1	1	0.2788867 -		3/2	-1/2	1	-0.4879500 -	
5	2	1	0.6831301 -		3/2	1/2	1	0.2817181 -	
5	-2	2	-0.4082483 -		3/2	-5/2	2	-0.2182179 -	
5	-1	2	-0.5962848 -		3/2	-3/2	2	0.4879500 -	
5	0	2	-0.4830459 -		3/2	-1/2	2	-0.3984095 -	
5	1	2	0.0000000 -		3/2	-5/2	3	-0.4082483 -	
5	2	2	0.6831301 -		3/2	-3/2	3	0.5270463 -	
5	-2	3	-0.2788867 -		3/2	-5/2	4	-0.6666667 -	
5	-1	3	-0.5270463 -		5/2	-5/2	0	0.1543033 +	
5	0	3	-0.6324555 -		5/2	-3/2	0	-0.4629100 +	
5	1	3	-0.3651484 -		5/2	-1/2	0	0.3086067 +	
5	2	3	0.5773503 -		5/2	1/2	0	0.3086067 +	
5	-2	4	-0.1490712 -		5/2	3/2	0	-0.4629100 +	
5	-1	4	-0.3651484 -		5/2	5/2	0	0.1543033 +	
5	0	4	-0.6324555 -		5/2	-5/2	1	0.3086067 +	
5	1	4	-0.8164966 -		5/2	-3/2	1	-0.4879500 +	
6	-2	0	0.3760507 +		5/2	-1/2	1	0.0000000 +	
6	-1	0	0.5945884 +		5/2	1/2	1	0.4879500 +	
6	0	0	0.6741999 +		5/2	3/2	1	-0.3086067 +	
6	1	0	0.5945884 +		5/2	-5/2	2	0.4629100 +	
6	2	0	0.3760507 +		5/2	-3/2	2	-0.3450328 +	
6	-2	1	0.2659080 +		5/2	-1/2	2	-0.3450328 +	
6	-1	1	0.4923660 +		5/2	1/2	2	0.4629100 +	
6	0	1	0.6513389 +		5/2	-5/2	3	0.5773503 +	
6	1	1	0.6727000 +		5/2	-3/2	3	0.0000000 +	
6	2	1	0.5045250 +		5/2	-1/2	3	-0.5773503 +	
6	-2	2	0.1740777 +		5/2	-5/2	4	0.5773503 +	
6	-1	2	0.3760507 +		5/2	-3/2	4	0.5773503 +	
6	0	2	0.5825753 +		7/2	-5/2	0	-0.4161252 -	
6	1	2	0.7135061 +		7/2	-3/2	0	0.4297722 -	
6	2	2	0.6513389 +		7/2	-1/2	0	0.2942449 -	
6	-2	3	0.1005038 +		7/2	1/2	0	-0.2942449 -	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					11/2	-3/2	0	-0.5419468	-
					11/2	-1/2	0	-0.2159168	-
7/2	3/2	0	-0.4297722	-	11/2	1/2	0	0.2159168	-
7/2	5/2	0	0.4161252	-	11/2	3/2	0	0.5419468	-
7/2	-5/2	1	-0.5372153	-	11/2	5/2	0	0.5712620	-
7/2	-3/2	1	0.1860968	-	11/2	-5/2	1	-0.4516223	-
7/2	-1/2	1	0.4605662	-	11/2	-3/2	1	-0.5803704	-
7/2	1/2	1	0.0169882	-	11/2	-1/2	1	-0.4345241	-
7/2	3/2	1	-0.5409627	-	11/2	1/2	1	-0.0571262	-
7/2	5/2	1	0.2461830	-	11/2	3/2	1	0.3998834	-
7/2	-5/2	2	-0.5884899	-	11/2	5/2	1	0.6637465	-
7/2	-3/2	2	-0.1315903	-	11/2	-5/2	2	-0.3238751	-
7/2	-1/2	2	0.4084250	-	11/2	-3/2	2	-0.5310850	-
7/2	1/2	2	0.3745127	-	11/2	-1/2	2	-0.5655206	-
7/2	3/2	2	-0.4670994	-	11/2	1/2	2	-0.3427572	-
7/2	-5/2	3	-0.5504819	-	11/2	3/2	2	0.1399301	-
7/2	-3/2	3	-0.4449492	-	11/2	5/2	2	0.6996503	-
7/2	-1/2	3	0.0778499	-	11/2	-5/2	3	-0.2019716	-
7/2	1/2	3	0.6179144	-	11/2	-3/2	3	-0.4122258	-
7/2	-5/2	4	-0.4020151	-	11/2	-1/2	3	-0.5801696	-
7/2	-3/2	4	-0.6227992	-	11/2	1/2	3	-0.5817745	-
7/2	-1/2	4	-0.5825753	-	11/2	3/2	3	-0.2508726	-
9/2	-5/2	0	0.6154575	+	11/2	5/2	3	0.6201737	-
9/2	-3/2	0	0.0600625	+	11/2	-5/2	4	-0.0965609	-
9/2	-1/2	0	-0.4161252	+	11/2	-3/2	4	-0.2442819	-
9/2	1/2	0	-0.4161252	+	11/2	-1/2	4	-0.4487746	-
9/2	3/2	0	0.0600625	+	11/2	1/2	4	-0.6689936	-
9/2	5/2	0	0.6154575	+	11/2	3/2	4	-0.7844645	-
9/2	-5/2	1	0.6006250	+	13/2	-5/2	0	0.3128931	+
9/2	-3/2	1	0.3289758	+	13/2	-3/2	0	0.5214885	+
9/2	-1/2	1	-0.1860968	+	13/2	-1/2	0	0.6386904	+
9/2	1/2	1	-0.4938292	+	13/2	1/2	0	0.6386904	+
9/2	3/2	1	-0.2461830	+	13/2	3/2	0	0.5214885	+
9/2	5/2	1	0.5504819	+	13/2	5/2	0	0.3128931	+
9/2	-5/2	2	0.5201565	+	13/2	-5/2	1	0.2085954	+
9/2	-3/2	2	0.5117663	+	13/2	-3/2	1	0.4039433	+
9/2	-1/2	2	0.1343038	+	13/2	-1/2	1	0.5712620	+
9/2	1/2	2	-0.3692745	+	13/2	1/2	1	0.6596366	+
9/2	3/2	2	-0.5222330	+	13/2	3/2	1	0.6257862	+
9/2	5/2	2	0.3892495	+	13/2	5/2	1	0.4424977	+
9/2	-5/2	3	0.3892495	+	13/2	-5/2	2	0.1277381	+
9/2	-3/2	3	0.5685352	+	13/2	-3/2	2	0.2856310	+
9/2	-1/2	3	0.4605662	+	13/2	-1/2	2	0.4664335	+
9/2	1/2	3	0.0000000	+	13/2	1/2	2	0.6257862	+
9/2	3/2	3	-0.6513389	+	13/2	3/2	2	0.6996503	+
9/2	-5/2	4	0.2247333	+	13/2	5/2	2	0.5991447	+
9/2	-3/2	4	0.4605662	+	13/2	-5/2	3	0.0682789	+
9/2	-1/2	4	0.6513389	+	13/2	-3/2	3	0.1762953	+
9/2	1/2	4	0.6513389	+	13/2	-1/2	3	0.3344968	+
11/2	-5/2	0	-0.5712620	-	13/2	1/2	3	0.5288859	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					3	3	0	0.2132007 +	
					3	-3	1	0.3892495 +	
13/2	3/2	3	0.7161149 +		3	-2	1	-0.4020151 +	
13/2	5/2	3	0.7844645 +		3	-1	1	-0.2752409 +	
13/2	-5/2	4	0.0278747 +		3	0	1	0.2752409 +	
13/2	-3/2	4	0.0836242 +		3	1	1	0.4020151 +	
13/2	-1/2	4	0.1869894 +		3	2	1	-0.3892495 +	
13/2	1/2	4	0.3580574 +		3	-3	2	0.5222330 +	
13/2	3/2	4	0.6201737 +		3	-2	2	-0.1230915 +	
13/2	5/2	4	1.0000000 +		3	-1	2	-0.4494666 +	
J1 = 3					3	0	2	-0.1230915 +	
					3	1	2	0.5222330 +	
					3	-3	3	0.5640761 +	
1	-1	0	0.2672612 +		3	-2	3	0.2659080 +	
1	0	0	-0.4364358 +		3	-1	3	-0.2659080 +	
1	1	0	0.2672612 +		3	0	3	-0.5640761 +	
1	-2	1	-0.1889822 +		3	-3	4	0.4605662 +	
1	-1	1	0.4225771 +		3	-2	4	0.5945884 +	
1	0	1	-0.3450328 +		3	-1	4	0.4605662 +	
1	-3	2	0.1091089 +		4	-3	0	-0.4767313 -	
1	-2	2	-0.3779645 +		4	-2	0	0.3120939 -	
1	-1	2	0.4225771 +		4	-1	0	0.4187179 -	
1	-3	3	0.2886751 +		4	0	0	0.0000000 -	
1	-2	3	-0.5000000 +		4	1	0	-0.4187179 -	
1	-3	4	0.5773503 +		4	2	0	-0.3120939 -	
2	-2	0	0.2817181 -		4	3	0	0.4767313 -	
2	-1	0	-0.4454354 -		4	-3	1	-0.5698029 -	
2	0	0	0.0000000 -		4	-2	1	0.0000000 -	
2	1	0	0.4454354 -		4	-1	1	0.4187179 -	
2	2	0	-0.2817181 -		4	0	1	0.3243375 -	
2	-3	1	-0.1543033 -		4	1	1	-0.1765470 -	
2	-2	1	0.4409586 -		4	2	1	-0.5222330 -	
2	-1	1	-0.2439750 -		4	3	1	0.3015113 -	
2	0	1	-0.3450328 -		4	-3	2	-0.5698029 -	
2	1	1	0.3984095 -		4	-2	2	-0.3120939 -	
2	-3	2	-0.3273268 -		4	-1	2	0.1765470 -	
2	-2	2	0.4364358 -		4	0	2	0.4684875 -	
2	-1	2	0.1408590 -		4	1	2	0.2335497 -	
2	0	2	-0.4879500 -		4	2	2	-0.5222330 -	
2	-3	3	-0.5000000 -		4	-3	3	-0.4767313 -	
2	-2	3	0.1666667 -		4	-2	3	-0.5222330 -	
2	-1	3	0.5270463 -		4	-1	3	-0.2335497 -	
2	-3	4	-0.5773503 -		4	0	3	0.2522625 -	
2	-2	4	-0.4714045 -		4	1	3	0.6179144 -	
3	-3	0	0.2132007 +		4	-3	4	-0.3015113 -	
3	-2	0	-0.4974683 +		4	-2	4	-0.5222330 -	
3	-1	0	0.0710669 +		4	-1	4	-0.6179144 -	
3	0	0	0.4264014 +		4	0	4	-0.5045250 -	
3	1	0	0.0710669 +		5	-3	0	0.6201737 +	
3	2	0	-0.4974683 +		5	-2	0	0.2067246 +	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					6	1	2	-0.2132007	-
					6	2	2	0.2461830	-
5	-1	0	-0.2717914	+	6	3	2	0.7071068	-
5	0	0	-0.4688072	+	6	-3	3	-0.1507557	-
5	1	0	-0.2717914	+	6	-2	3	-0.3228883	-
5	2	0	0.2067246	+	6	-1	3	-0.4938292	-
5	3	0	0.6201737	+	6	0	3	-0.5921565	-
5	-3	1	0.5661385	+	6	1	3	-0.5201565	-
5	-2	1	0.4367853	+	6	2	3	-0.1543033	-
5	-1	1	0.0302614	+	6	3	3	0.6546537	-
5	0	1	-0.3636405	+	6	-3	4	-0.0657952	-
5	1	1	-0.4677643	+	6	-2	4	-0.1698824	-
5	2	1	-0.1132277	+	6	-1	4	-0.3223292	-
5	3	1	0.5883484	+	6	0	4	-0.5096472	-
5	-3	2	0.4539206	+	6	1	4	-0.6900656	-
5	-2	2	0.5413320	+	6	2	4	-0.7559289	-
5	-1	2	0.3359785	+	7	-3	0	0.2644429	+
5	0	2	-0.0716115	+	7	-2	0	0.4580286	+
5	1	2	-0.4557327	+	7	-1	0	0.5913124	+
5	2	2	-0.4529108	+	7	0	0	0.6386904	+
5	3	2	0.4385290	+	7	1	0	0.5913124	+
5	-3	3	0.3100868	+	7	2	0	0.4580286	+
5	-2	3	0.5084752	+	7	3	0	0.2644429	+
5	-1	3	0.5414447	+	7	-3	1	0.1672484	+
5	0	3	0.3281651	+	7	-2	1	0.3344968	+
5	1	3	-0.1339728	+	7	-1	1	0.4947274	+
5	2	3	-0.6698641	+	7	0	1	0.6107048	+
5	-3	4	0.1601282	+	7	1	1	0.6477503	+
5	-2	4	0.3459163	+	7	2	1	0.5793655	+
5	-1	4	0.5358913	+	7	3	1	0.3922323	+
5	0	4	0.6563301	+	7	-3	2	0.0965609	+
5	1	4	0.5991447	+	7	-2	2	0.2212488	+
6	-3	0	-0.5222330	-	7	-1	2	0.3739788	+
6	-2	0	-0.5685352	-	7	0	2	0.5288859	+
6	-1	0	-0.3553345	-	7	1	2	0.6477503	+
6	0	0	0.0000000	-	7	2	2	0.6793662	+
6	1	0	0.3553345	-	7	3	2	0.5547002	+
6	2	0	0.5685352	-	7	-3	3	0.0482805	+
6	3	0	0.5222330	-	7	-2	3	0.1264279	+
6	-3	1	-0.3892495	-	7	-1	3	0.2448266	+
6	-2	1	-0.5527708	-	7	0	3	0.3998001	+
6	-1	1	-0.5149287	-	7	1	3	0.5741693	+
6	0	1	-0.2752409	-	7	2	3	0.7262730	+
6	1	1	0.1005038	-	7	3	3	0.7559289	+
6	2	1	0.4767313	-	7	-3	4	0.0182483	+
6	3	1	0.6396021	-	7	-2	4	0.0547449	+
6	-3	2	-0.2611165	-	7	-1	4	0.1224133	+
6	-2	2	-0.4605662	-	7	0	4	0.2344036	+
6	-1	2	-0.5618332	-	7	1	4	0.4059990	+
6	0	2	-0.4923660	-	7	2	4	0.6546537	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					5/2	-5/2	3	-0.0674200	-
					5/2	-3/2	3	0.3853373	-
7	3	4	1.0000000	+	5/2	-1/2	3	0.4767313	-
J1 = 7/2					5/2	-7/2	4	-0.5045250	-
					5/2	-5/2	4	-0.5393599	-
					5/2	-3/2	4	-0.3481553	-
1/2	-1/2	0	0.3333333	-	7/2	-7/2	0	0.2659080	+
1/2	1/2	0	-0.3333333	-	7/2	-5/2	0	-0.4938292	+
1/2	-3/2	1	-0.2886751	-	7/2	-3/2	0	-0.1139606	+
1/2	-1/2	1	0.3726780	-	7/2	-1/2	0	0.3418817	+
1/2	-5/2	2	0.2357023	-	7/2	1/2	0	0.3418817	+
1/2	-3/2	2	-0.4082483	-	7/2	3/2	0	-0.1139606	+
1/2	-7/2	3	-0.1666667	-	7/2	5/2	0	-0.4938292	+
1/2	-5/2	3	0.4409586	-	7/2	7/2	0	0.2659080	+
1/2	-7/2	4	-0.4714045	-	7/2	-7/2	1	0.4494666	+
3/2	-3/2	0	0.3779645	+	7/2	-5/2	1	-0.2942449	+
3/2	-1/2	0	-0.2817181	+	7/2	-3/2	1	-0.3947710	+
3/2	1/2	0	-0.2817181	+	7/2	-1/2	1	0.0000000	+
3/2	3/2	0	0.3779645	+	7/2	1/2	1	0.3947710	+
3/2	-5/2	1	-0.2927700	+	7/2	3/2	1	0.2942449	+
3/2	-3/2	1	0.3903600	+	7/2	5/2	1	-0.4494666	+
3/2	-1/2	1	0.1259882	+	7/2	-7/2	2	0.5504819	+
3/2	1/2	1	-0.4364358	+	7/2	-5/2	2	0.0537215	+
3/2	-7/2	2	0.1825742	+	7/2	-3/2	2	-0.3721937	+
3/2	-5/2	2	-0.4382505	+	7/2	-1/2	2	-0.3721937	+
3/2	-3/2	2	0.0690066	+	7/2	1/2	2	0.0537215	+
3/2	-1/2	2	0.4629100	+	7/2	3/2	2	0.5504819	+
3/2	-7/2	3	0.3944053	+	7/2	-7/2	3	0.5318160	+
3/2	-5/2	3	-0.2981424	+	7/2	-5/2	3	0.4020151	+
3/2	-3/2	3	-0.4472136	+	7/2	-3/2	3	0.0000000	+
3/2	-7/2	4	0.5577734	+	7/2	-1/2	3	-0.4020151	+
3/2	-5/2	4	0.3651484	+	7/2	1/2	3	-0.5318160	+
5/2	-5/2	0	0.3603750	-	7/2	-7/2	4	0.3760507	+
5/2	-3/2	0	-0.3721937	-	7/2	-5/2	4	0.5504819	+
5/2	-1/2	0	-0.2548236	-	7/2	-3/2	4	0.5504819	+
5/2	1/2	0	0.2548236	-	7/2	-1/2	4	0.3760507	+
5/2	3/2	0	0.3721937	-	9/2	-7/2	0	-0.5214885	-
5/2	5/2	0	-0.3603750	-	9/2	-5/2	0	0.1971041	-
5/2	-7/2	1	-0.2132007	-	9/2	-3/2	0	0.4469902	-
5/2	-5/2	1	0.4684875	-	9/2	-1/2	0	0.2120260	-
5/2	-3/2	1	-0.0147122	-	9/2	1/2	0	-0.2120260	-
5/2	-1/2	1	-0.3988620	-	9/2	3/2	0	-0.4469902	-
5/2	1/2	1	-0.1611646	-	9/2	5/2	0	-0.1971041	-
5/2	3/2	1	0.4652421	-	9/2	7/2	0	0.5214885	-
5/2	-7/2	2	-0.4045199	-	9/2	-7/2	1	-0.5830419	-
5/2	-5/2	2	0.3243375	-	9/2	-5/2	1	-0.1442655	-
5/2	-3/2	2	0.3537064	-	9/2	-3/2	1	0.3060332	-
5/2	-1/2	2	-0.1139606	-	9/2	-1/2	1	0.4266942	-
5/2	1/2	2	-0.5096472	-	9/2	1/2	1	0.1548419	-
5/2	-7/2	3	-0.5351296	-	9/2	3/2	1	-0.3053524	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					11/2	1/2	3	0.2048366	+
					11/2	3/2	3	-0.2365250	+
9/2	5/2	1	-0.4848121	-	11/2	5/2	3	-0.6793662	+
9/2	7/2	1	0.3498251	-	11/2	-7/2	4	0.1182625	+
9/2	-7/2	2	-0.5397919	-	11/2	-5/2	4	0.2644429	+
9/2	-5/2	2	-0.4164585	-	11/2	-3/2	4	0.4318335	+
9/2	-3/2	2	-0.0288531	-	11/2	-1/2	4	0.5793655	+
9/2	-1/2	2	0.3467176	-	11/2	1/2	4	0.6477503	+
9/2	1/2	2	0.4459957	-	11/2	3/2	4	0.5547002	+
9/2	3/2	2	0.1079584	-	13/2	-7/2	0	-0.4779521	-
9/2	5/2	2	-0.5609682	-	13/2	-5/2	0	-0.5712620	-
9/2	-7/2	3	-0.4122729	-	13/2	-3/2	0	-0.4424977	-
9/2	-5/2	3	-0.5298033	-	13/2	-1/2	0	-0.1649091	-
9/2	-3/2	3	-0.3966644	-	13/2	1/2	0	0.1649091	-
9/2	-1/2	3	-0.0521489	-	13/2	3/2	0	0.4424977	-
9/2	1/2	3	0.3650420	-	13/2	5/2	0	0.5712620	-
9/2	3/2	3	0.6059149	-	13/2	7/2	0	0.4779521	-
9/2	-7/2	4	-0.2332168	-	13/2	-7/2	1	-0.3379632	-
9/2	-5/2	4	-0.4318335	-	13/2	-5/2	1	-0.5141358	-
9/2	-3/2	4	-0.5712620	-	13/2	-3/2	1	-0.5426989	-
9/2	-1/2	4	-0.5899969	-	13/2	-1/2	1	-0.4056229	-
9/2	1/2	4	-0.4424977	-	13/2	1/2	1	-0.1277381	-
11/2	-7/2	0	0.6145099	+	13/2	3/2	1	0.2212488	-
11/2	-5/2	0	0.3128931	+	13/2	5/2	1	0.5251262	-
11/2	-3/2	0	-0.1277381	+	13/2	7/2	1	0.6139406	-
11/2	-1/2	0	-0.4181210	+	13/2	-7/2	2	-0.2137467	-
11/2	1/2	0	-0.4181210	+	13/2	-5/2	2	-0.3964685	-
11/2	3/2	0	-0.1277381	+	13/2	-3/2	2	-0.5251262	-
11/2	5/2	0	0.3128931	+	13/2	-1/2	2	-0.5419468	-
11/2	7/2	0	0.6145099	+	13/2	1/2	2	-0.4039433	-
11/2	-7/2	1	0.5288859	+	13/2	3/2	2	-0.0989455	-
11/2	-5/2	1	0.4947274	+	13/2	5/2	2	0.3281651	-
11/2	-3/2	1	0.1931218	+	13/2	7/2	2	0.7089176	-
11/2	-1/2	1	-0.1869894	+	13/2	-7/2	3	-0.1154364	-
11/2	1/2	1	-0.4424977	+	13/2	-5/2	3	-0.2555522	-
11/2	3/2	1	-0.4039433	+	13/2	-3/2	3	-0.4113767	-
11/2	5/2	1	0.0000000	+	13/2	-1/2	3	-0.5397919	-
11/2	7/2	1	0.6145099	+	13/2	1/2	3	-0.5803704	-
11/2	-7/2	2	0.3966644	+	13/2	3/2	3	-0.4557327	-
11/2	-5/2	2	0.5321812	+	13/2	5/2	3	-0.0716115	-
11/2	-3/2	2	0.4438127	+	13/2	7/2	3	0.6831301	-
11/2	-1/2	2	0.1564466	+	13/2	-7/2	4	-0.0466434	-
11/2	1/2	2	-0.2212488	+	13/2	-5/2	4	-0.1221410	-
11/2	3/2	2	-0.4947274	+	13/2	-3/2	4	-0.2365250	-
11/2	5/2	2	-0.3832142	+	13/2	-1/2	4	-0.3862436	-
11/2	7/2	2	0.4803845	+	13/2	1/2	4	-0.5547002	-
11/2	-7/2	3	0.2508726	+	13/2	3/2	4	-0.7016464	-
11/2	-5/2	3	0.4424977	+	13/2	5/2	4	-0.7302967	-
11/2	-3/2	3	0.5397919	+	15/2	-7/2	0	0.2264554	+
11/2	-1/2	3	0.4730499	+	15/2	-5/2	0	0.4039433	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					1	1	0	-0.4082483	-
					1	-2	1	-0.3872983	-
15/2	-3/2	0	0.5419468	+	1	-1	1	0.1290994	-
15/2	-1/2	0	0.6170335	+	1	0	1	0.4082483	-
15/2	1/2	0	0.6170335	+	1	-3	2	0.3415650	-
15/2	3/2	0	0.5419468	+	1	-2	2	-0.2581989	-
15/2	5/2	0	0.4039433	+	1	-1	2	-0.3872983	-
15/2	7/2	0	0.2264554	+	1	-4	3	-0.2581989	-
15/2	-7/2	1	0.1365577	+	1	-3	3	0.3872983	-
15/2	-5/2	1	0.2798601	+	1	-2	3	0.3415650	-
15/2	-3/2	1	0.4274934	+	1	-4	4	-0.5163978	-
15/2	-1/2	1	0.5518916	+	1	-3	4	-0.2581989	-
15/2	1/2	1	0.6257862	+	2	-2	0	0.4413674	+
15/2	3/2	1	0.6257862	+	2	-1	0	-0.1040313	+
15/2	5/2	1	0.5358913	+	2	0	0	-0.3798686	+
15/2	7/2	1	0.3508232	+	2	1	0	-0.1040313	+
15/2	-7/2	2	0.0747958	+	2	2	0	0.4413674	+
15/2	-5/2	2	0.1745234	+	2	-3	1	-0.3692745	+
15/2	-3/2	2	0.3022835	+	2	-2	1	0.2960783	+
15/2	-1/2	2	0.4424977	+	2	-1	1	0.3228883	+
15/2	1/2	2	0.5712620	+	2	0	1	-0.1040313	+
15/2	3/2	2	0.6563301	+	2	1	1	-0.4652421	+
15/2	5/2	2	0.6563301	+	2	-4	2	0.2461830	+
15/2	7/2	2	0.5163978	+	2	-3	2	-0.4351941	+
15/2	-7/2	3	0.0352591	+	2	-2	2	-0.1519474	+
15/2	-5/2	3	0.0932867	+	2	-1	2	0.2960783	+
15/2	-3/2	3	0.1832114	+	2	0	2	0.4413674	+
15/2	-1/2	3	0.3053524	+	2	-4	3	0.4605662	+
15/2	1/2	3	0.4529108	+	2	-3	3	-0.1329540	+
15/2	3/2	3	0.6076436	+	2	-2	3	-0.4351941	+
15/2	5/2	3	0.7302967	+	2	-1	3	-0.3692745	+
15/2	7/2	3	0.7302967	+	2	-4	4	0.5318160	+
15/2	-7/2	4	0.0124660	+	2	-3	4	0.4605662	+
15/2	-5/2	4	0.0373979	+	2	-2	4	0.2461830	+
15/2	-3/2	4	0.0836242	+	3	-3	0	0.4204375	-
15/2	-1/2	4	0.1601282	+	3	-2	0	-0.2752409	-
15/2	1/2	4	0.2773501	+	3	-1	0	-0.3692745	-
15/2	3/2	4	0.4472136	+	3	0	0	0.0000000	-
15/2	5/2	4	0.6831301	+	3	1	0	0.3692745	-
15/2	7/2	4	1.0000000	+	3	2	0	0.2752409	-
					3	3	0	-0.4204375	-
J1 = 4					3	-4	1	-0.2659080	-
					3	-3	1	0.4605662	-
0	0	0	0.3333333	+	3	-2	1	0.1556998	-
0	-1	1	-0.3333333	+	3	-1	1	-0.2860388	-
0	-2	2	0.3333333	+	3	0	1	-0.3692745	-
0	-3	3	-0.3333333	+	3	1	1	0.0000000	-
0	-4	4	0.3333333	+	3	2	1	0.5025189	-
1	-1	0	0.4082483	-	3	-4	2	-0.4605662	-
1	0	0	0.0000000	-	3	-3	2	0.2059715	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					5	-4	0	-0.5547002	-
					5	-3	0	0.0924500	-
3	-2	2	0.4131671	-	5	-2	0	0.4236593	-
3	-1	2	0.1556998	-	5	-1	0	0.3396831	-
3	0	2	-0.2752409	-	5	0	0	0.0000000	-
3	1	2	-0.5025189	-	5	1	0	-0.3396831	-
3	-4	3	-0.5449493	-	5	2	0	-0.4236593	-
3	-3	3	-0.2224746	-	5	3	0	-0.0924500	-
3	-2	3	0.2059715	-	5	4	0	0.5547002	-
3	-1	3	0.4605662	-	5	-4	1	-0.5847053	-
3	0	3	0.4204375	-	5	-3	1	-0.2531848	-
3	-4	4	-0.4449492	-	5	-2	1	0.1790287	-
3	-3	4	-0.5449493	-	5	-1	1	0.4160251	-
3	-2	4	-0.4605662	-	5	0	1	0.3396831	-
3	-1	4	-0.2659080	-	5	1	1	0.0000000	-
4	-4	0	0.3128931	+	5	2	1	-0.3867462	-
4	-3	0	-0.4693397	+	5	3	1	-0.4385290	-
4	-2	0	-0.2458446	+	5	4	1	0.3922323	-
4	-1	0	0.2011456	+	5	-4	2	-0.5063697	-
4	0	0	0.4022911	+	5	-3	2	-0.4736655	-
4	1	0	0.2011456	+	5	-2	2	-0.1849001	-
4	2	0	-0.2458446	+	5	-1	2	0.1790287	-
4	3	0	-0.4693397	+	5	0	2	0.4236593	-
4	4	0	0.3128931	+	5	1	2	0.3867462	-
4	-4	1	0.4947274	+	5	2	2	0.0000000	-
4	-3	1	-0.1869894	+	5	3	2	-0.5883484	-
4	-2	1	-0.4240521	+	5	-4	3	-0.3580574	-
4	-1	1	-0.2011456	+	5	-3	3	-0.5084752	-
4	0	1	0.2011456	+	5	-2	3	-0.4736655	-
4	1	1	0.4240521	+	5	-1	3	-0.2531848	-
4	2	1	0.1869894	+	5	0	3	0.0924500	-
4	3	1	-0.4947274	+	5	1	3	0.4385290	-
4	-4	2	0.5609682	+	5	2	3	0.5883484	-
4	-3	2	0.1869894	+	5	-4	4	-0.1849001	-
4	-2	2	-0.2458446	+	5	-3	4	-0.3580574	-
4	-1	2	-0.4240521	+	5	-2	4	-0.5063697	-
4	0	2	-0.2458446	+	5	-1	4	-0.5847053	-
4	1	2	0.1869894	+	5	0	4	-0.5547002	-
4	2	2	0.5609682	+	5	1	4	-0.3922323	-
4	-4	3	0.4947274	+	6	-4	0	0.6030227	+
4	-3	3	0.4693397	+	6	-3	0	0.3892495	+
4	-2	3	0.1869894	+	6	-2	0	0.0000000	+
4	-1	3	-0.1869894	+	6	-1	0	-0.3256695	+
4	0	3	-0.4693397	+	6	0	0	-0.4494666	+
4	1	3	-0.4947274	+	6	1	0	-0.3256695	+
4	-4	4	0.3128931	+	6	2	0	0.0000000	+
4	-3	4	0.4947274	+	6	3	0	0.3892495	+
4	-2	4	0.5609682	+	6	4	0	0.6030227	+
4	-1	4	0.4947274	+	6	-4	1	0.4923660	+
4	0	4	0.3128931	+	6	-3	1	0.5222330	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					7	4	1	0.5883484	-
					7	-4	2	-0.1773937	-
6	-2	1	0.3089572	+	7	-3	2	-0.3413944	-
6	-1	1	-0.0224733	+	7	-2	2	-0.4779521	-
6	0	1	-0.3256695	+	7	-1	2	-0.5419468	-
6	1	1	-0.4605662	+	7	0	2	-0.4947274	-
6	2	1	-0.3256695	+	7	1	2	-0.3128931	-
6	3	1	0.0953463	+	7	2	2	0.0000000	-
6	4	1	0.6324555	+	7	3	2	0.3922323	-
6	-4	2	0.3481553	+	7	4	2	0.7071068	-
6	-3	2	0.5060243	+	7	-4	3	-0.0903245	-
6	-2	2	0.4944132	+	7	-3	3	-0.2048366	-
6	-1	2	0.3089572	+	7	-2	3	-0.3413944	-
6	0	2	0.0000000	+	7	-1	3	-0.4730499	-
6	1	2	-0.3256695	+	7	0	3	-0.5609682	-
6	2	2	-0.5045250	+	7	1	3	-0.5547002	-
6	3	2	-0.3162278	+	7	2	3	-0.3922323	-
6	4	2	0.5163978	+	7	3	3	0.0000000	-
6	-4	3	0.2059715	+	7	4	3	0.7071068	-
6	-3	3	0.3820466	+	7	-4	4	-0.0341394	-
6	-2	3	0.5060243	+	7	-3	4	-0.0903245	-
6	-1	3	0.5222330	+	7	-2	4	-0.1773937	-
6	0	3	0.3892495	+	7	-1	4	-0.2956562	-
6	1	3	0.0953463	+	7	0	4	-0.4385290	-
6	2	3	-0.3162278	+	7	1	4	-0.5883484	-
6	3	3	-0.6831301	+	7	2	4	-0.7071068	-
6	-4	4	0.0898933	+	7	3	4	-0.7071068	-
6	-3	4	0.2059715	+	8	-4	0	0.1961161	+
6	-2	4	0.3481553	+	8	-3	0	0.3580574	+
6	-1	4	0.4923660	+	8	-2	0	0.4947274	+
6	0	4	0.6030227	+	8	-1	0	0.5853694	+
6	1	4	0.6324555	+	8	0	0	0.6170335	+
6	2	4	0.5163978	+	8	1	0	0.5853694	+
7	-4	0	-0.4385290	-	8	2	0	0.4947274	+
7	-3	0	-0.5609682	-	8	3	0	0.3580574	+
7	-2	0	-0.4947274	-	8	4	0	0.1961161	+
7	-1	0	-0.2856310	-	8	-4	1	0.1132277	+
7	0	0	0.0000000	-	8	-3	1	0.2365250	+
7	1	0	0.2856310	-	8	-2	1	0.3702201	+
7	2	0	0.4947274	-	8	-1	1	0.4936268	+
7	3	0	0.5609682	-	8	0	1	0.5853694	+
7	4	0	0.4385290	-	8	1	1	0.6257862	+
7	-4	1	-0.2956562	-	8	2	1	0.5991447	+
7	-3	1	-0.4730499	-	8	3	1	0.4961389	+
7	-2	1	-0.5419468	-	8	4	1	0.3162278	+
7	-1	1	-0.4779521	-	8	-4	2	0.0591312	-
7	0	1	-0.2856310	-	8	-3	2	0.1399301	+
7	1	1	0.0000000	-	8	-2	2	0.2468134	+
7	2	1	0.3128931	-	8	-1	2	0.3702201	+
7	3	1	0.5547002	-	8	0	2	0.4947274	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					3/2	-7/2	3	0.3178209	-
					3/2	-5/2	3	0.4131671	-
8	1	2	0.5991447	+	3/2	-3/2	3	0.2522625	-
8	2	2	0.6563301	+	3/2	-9/2	4	-0.5393599	-
8	3	2	0.6324555	+	3/2	-7/2	4	-0.3595733	-
8	4	2	0.4830459	+	3/2	-5/2	4	-0.1556998	-
8	-4	3	0.0264443	+	5/2	-5/2	0	0.4767313	+
8	-3	3	0.0705181	+	5/2	-3/2	0	0.0465242	+
8	-2	3	0.1399301	+	5/2	-1/2	0	-0.3223292	+
8	-1	3	0.2365250	+	5/2	1/2	0	-0.3223292	+
8	0	3	0.3580574	+	5/2	3/2	0	0.0465242	+
8	1	3	0.4961389	+	5/2	5/2	0	0.4767313	+
8	2	3	0.6324555	+	5/2	-7/2	1	-0.4264014	+
8	3	3	0.7302967	+	5/2	-5/2	1	0.1906925	+
8	4	3	0.7071068	+	5/2	-3/2	1	0.3825184	+
8	-4	4	0.0088148	+	5/2	-1/2	1	0.1441500	+
8	-3	4	0.0264443	+	5/2	1/2	1	-0.2548236	+
8	-2	4	0.0591312	+	5/2	3/2	1	-0.4652421	+
8	-1	4	0.1132277	+	5/2	-9/2	2	0.3015113	+
8	0	4	0.1961161	+	5/2	-7/2	2	-0.4045199	+
8	1	4	0.3162278	+	5/2	-5/2	2	-0.2860388	+
8	2	4	0.4830459	+	5/2	-3/2	2	0.1040313	+
8	3	4	0.7071068	+	5/2	-1/2	2	0.3964125	+
8	4	4	1.0000000	+	5/2	1/2	2	0.4029115	+
J1 = 9/2					5/2	-9/2	3	0.5045250	+
					5/2	-7/2	3	0.0000000	+
					5/2	-5/2	3	-0.3567530	+
1/2	-1/2	0	0.3333333	+	5/2	-3/2	3	-0.4403855	+
1/2	1/2	0	0.3333333	+	5/2	-1/2	3	-0.3015113	+
1/2	-3/2	1	-0.3651484	+	5/2	-9/2	4	0.5045250	+
1/2	-1/2	1	-0.2981424	+	5/2	-7/2	4	0.5045250	+
1/2	-5/2	2	0.3944053	+	5/2	-5/2	4	0.3567530	+
1/2	-3/2	2	0.2581989	+	5/2	-3/2	4	0.1740777	+
1/2	-7/2	3	-0.4216370	+	7/2	-7/2	0	0.4664335	-
1/2	-5/2	3	-0.2108185	+	7/2	-5/2	0	-0.1762953	-
1/2	-9/2	4	0.4472136	+	7/2	-3/2	0	-0.3998001	-
1/2	-7/2	4	0.1490712	+	7/2	-1/2	0	-0.1896419	-
3/2	-3/2	0	0.4264014	-	7/2	1/2	0	0.1896419	-
3/2	-1/2	0	0.2010076	-	7/2	3/2	0	0.3998001	-
3/2	1/2	0	-0.2010076	-	7/2	5/2	0	0.1762953	-
3/2	3/2	0	-0.4264014	-	7/2	7/2	0	-0.4664335	-
3/2	-5/2	1	-0.4369314	-	7/2	-9/2	1	-0.3128931	-
3/2	-3/2	1	-0.0550482	-	7/2	-7/2	1	0.4336291	-
3/2	-1/2	1	0.3146266	-	7/2	-5/2	1	0.2731155	-
3/2	1/2	1	0.3892495	-	7/2	-3/2	1	-0.1384948	-
3/2	-7/2	2	0.4119429	-	7/2	-1/2	1	-0.3816469	-
3/2	-5/2	2	-0.1189177	-	7/2	1/2	1	-0.2737245	-
3/2	-3/2	2	-0.3892495	-	7/2	3/2	1	0.1290349	-
3/2	-1/2	2	-0.3302891	-	7/2	5/2	1	0.5214885	-
3/2	-9/2	3	-0.3302891	-	7/2	-9/2	2	-0.5017452	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					9/2	-1/2	3	-0.3116490	+
					9/2	1/2	3	-0.4986384	+
7/2	-7/2	2	0.0965609	-	9/2	3/2	3	-0.4580286	+
7/2	-5/2	2	0.3989107	-	9/2	-9/2	4	0.2644429	+
7/2	-3/2	2	0.3101137	-	9/2	-7/2	4	0.4407382	+
7/2	-1/2	2	-0.0258070	-	9/2	-5/2	4	0.5397919	+
7/2	1/2	2	-0.3724918	-	9/2	-3/2	4	0.5397919	+
7/2	3/2	2	-0.4828045	-	9/2	-1/2	4	0.4407382	+
7/2	-9/2	3	-0.5419468	-	9/2	1/2	4	0.2644429	+
7/2	-7/2	3	-0.3265035	-	11/2	-9/2	0	-0.5793655	-
7/2	-5/2	3	0.0466434	-	11/2	-7/2	0	0.0000000	-
7/2	-3/2	3	0.3547874	-	11/2	-5/2	0	0.3739788	-
7/2	-1/2	3	0.4738705	-	11/2	-3/2	0	0.4039433	-
7/2	1/2	3	0.3687481	-	11/2	-1/2	0	0.1672484	-
7/2	-9/2	4	-0.3957820	-	11/2	1/2	0	-0.1672484	-
7/2	-7/2	4	-0.5277093	-	11/2	3/2	0	-0.4039433	-
7/2	-5/2	4	-0.5109523	-	11/2	5/2	0	-0.3739788	-
7/2	-3/2	4	-0.3862436	-	11/2	7/2	0	0.0000000	-
7/2	-1/2	4	-0.2085954	-	11/2	9/2	0	0.5793655	-
9/2	-9/2	0	0.3547874	+	11/2	-9/2	1	-0.5793655	-
9/2	-7/2	0	-0.4336291	+	11/2	-7/2	1	-0.3344968	-
9/2	-5/2	0	-0.3350770	+	11/2	-5/2	1	0.0591312	-
9/2	-3/2	0	0.0591312	+	11/2	-3/2	1	0.3511553	-
9/2	-1/2	0	0.3547874	+	11/2	-1/2	1	0.4113767	-
9/2	1/2	0	0.3547874	+	11/2	1/2	1	0.2212488	-
9/2	3/2	0	0.0591312	+	11/2	3/2	1	-0.1277381	-
9/2	5/2	0	-0.3350770	+	11/2	5/2	1	-0.4345241	-
9/2	7/2	0	-0.4336291	+	11/2	7/2	1	-0.3886502	-
9/2	9/2	0	0.3547874	+	11/2	9/2	1	0.4296689	-
9/2	-9/2	1	0.5288859	+	11/2	-9/2	2	-0.4730499	-
9/2	-7/2	1	-0.0881476	+	11/2	-7/2	2	-0.5017452	-
9/2	-5/2	1	-0.4039433	+	11/2	-5/2	2	-0.2968365	-
9/2	-3/2	1	-0.3238751	+	11/2	-3/2	2	0.0215917	-
9/2	-1/2	1	0.0000000	+	11/2	-1/2	2	0.3128931	-
9/2	1/2	1	0.3238751	+	11/2	1/2	2	0.4424977	-
9/2	3/2	1	0.4039433	+	11/2	3/2	2	0.3128931	-
9/2	5/2	1	0.0881476	+	11/2	5/2	2	-0.0916057	-
9/2	7/2	1	-0.5288859	+	11/2	7/2	2	-0.6076436	-
9/2	-9/2	2	0.5609682	+	11/2	-9/2	3	-0.3128931	-
9/2	-7/2	2	0.2856310	+	11/2	-7/2	3	-0.4759973	-
9/2	-5/2	2	-0.1166084	+	11/2	-5/2	3	-0.5024416	-
9/2	-3/2	2	-0.3816905	+	11/2	-3/2	3	-0.3755338	-
9/2	-1/2	2	-0.3816905	+	11/2	-1/2	3	-0.1182625	-
9/2	1/2	2	-0.1166084	+	11/2	1/2	3	0.2048366	-
9/2	3/2	2	0.2856310	+	11/2	3/2	3	0.4861724	-
9/2	5/2	2	0.5609682	+	11/2	5/2	3	0.5683986	-
9/2	-9/2	3	0.4580286	+	11/2	-9/2	4	-0.1495915	-
9/2	-7/2	3	0.4986384	+	11/2	-7/2	4	-0.2991830	-
9/2	-5/2	3	0.3116490	+	11/2	-5/2	4	-0.4424977	-
9/2	-3/2	3	0.0000000	+	11/2	-3/2	4	-0.5462310	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					13/2	3/2	4	0.6139406	+
					13/2	5/2	4	0.4830459	+
11/2	-1/2	4	-0.5793655	-	15/2	-9/2	0	-0.4036037	-
11/2	1/2	4	-0.5182002	-	15/2	-7/2	0	-0.5437149	-
11/2	3/2	4	-0.3508232	-	15/2	-5/2	0	-0.5236751	-
13/2	-9/2	0	0.5883484	+	15/2	-3/2	0	-0.3717724	-
13/2	-7/2	0	0.4438127	+	15/2	-1/2	0	-0.1338534	-
13/2	-5/2	0	0.1079584	+	15/2	1/2	0	0.1338534	-
13/2	-3/2	0	-0.2212488	+	15/2	3/2	0	0.3717724	-
13/2	-1/2	0	-0.4171908	+	15/2	5/2	0	0.5236751	-
13/2	1/2	0	-0.4171908	+	15/2	7/2	0	0.5437149	-
13/2	3/2	0	-0.2212488	+	15/2	9/2	0	0.4036037	-
13/2	5/2	0	0.1079584	+	15/2	-9/2	1	-0.2605251	-
13/2	7/2	0	0.4438127	+	15/2	-7/2	1	-0.4332600	-
13/2	9/2	0	0.5883484	+	15/2	-5/2	1	-0.5260785	-
13/2	-9/2	1	0.4580286	+	15/2	-3/2	1	-0.5132016	-
13/2	-7/2	1	0.5310850	+	15/2	-1/2	1	-0.3890968	-
13/2	-5/2	1	0.3886502	+	15/2	1/2	1	-0.1696901	-
13/2	-3/2	1	0.1142524	+	15/2	3/2	1	0.1073215	-
13/2	-1/2	1	-0.1865734	+	15/2	5/2	1	0.3821034	-
13/2	1/2	1	-0.4039433	+	15/2	7/2	1	0.5715740	-
13/2	3/2	1	-0.4424977	+	15/2	9/2	1	0.5636019	-
13/2	5/2	1	-0.2442819	+	15/2	-9/2	2	-0.1490405	-
13/2	7/2	1	0.1754116	+	15/2	-7/2	2	-0.2950294	-
13/2	9/2	1	0.6445034	+	15/2	-5/2	2	-0.4298816	-
13/2	-9/2	2	0.3072549	+	15/2	-3/2	2	-0.5184119	-
13/2	-7/2	2	0.4732962	+	15/2	-1/2	2	-0.5279517	-
13/2	-5/2	2	0.5112564	+	15/2	1/2	2	-0.4337345	-
13/2	-3/2	2	0.4039433	+	15/2	3/2	2	-0.2251194	-
13/2	-1/2	2	0.1713786	+	15/2	5/2	2	0.0850871	-
13/2	1/2	2	-0.1277381	+	15/2	7/2	2	0.4428074	-
13/2	3/2	2	-0.3957820	+	15/2	9/2	2	0.7029350	-
13/2	5/2	2	-0.4961389	+	15/2	-9/2	3	-0.0719934	-
13/2	7/2	2	-0.2531848	+	15/2	-7/2	3	-0.1662892	-
13/2	9/2	2	0.5477226	+	15/2	-5/2	3	-0.2842033	-
13/2	-9/2	3	0.1713786	+	15/2	-3/2	3	-0.4084665	-
13/2	-7/2	3	0.3298183	+	15/2	-1/2	3	-0.5133618	-
13/2	-5/2	3	0.4617456	+	15/2	1/2	3	-0.5649384	-
13/2	-3/2	3	0.5235703	+	15/2	3/2	3	-0.5210501	-
13/2	-1/2	3	0.4779521	+	15/2	5/2	3	-0.3313667	-
13/2	1/2	3	0.3022835	+	15/2	7/2	3	0.0626224	-
13/2	3/2	3	0.0000000	+	15/2	9/2	3	0.7276069	-
13/2	5/2	3	-0.3789324	+	15/2	-9/2	4	-0.0256547	-
13/2	7/2	3	-0.6831301	+	15/2	-7/2	4	-0.0684126	-
13/2	-9/2	4	0.0699650	+	15/2	-5/2	4	-0.1357521	-
13/2	-7/2	4	0.1632517	+	15/2	-3/2	4	-0.2294629	-
13/2	-5/2	4	0.2827603	+	15/2	-1/2	4	-0.3473667	-
13/2	-3/2	4	0.4139187	+	15/2	1/2	4	-0.4813255	-
13/2	-1/2	4	0.5343667	+	15/2	3/2	4	-0.6135720	-
13/2	1/2	4	0.6139406	+	15/2	5/2	4	-0.7084919	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					17/2	5/2	4	0.5144958 +	
					17/2	7/2	4	0.7276069 +	
15/2	7/2	4	-0.6859943 -		17/2	9/2	4	1.0000000 +	
17/2	-9/2	0	0.1714986 +		J1 = 5				
17/2	-7/2	0	0.3190767 +						
17/2	-5/2	0	0.4512426 +						
17/2	-3/2	0	0.5498588 +		1	-1	0	0.3015113 +	
17/2	-1/2	0	0.6023402 +		1	0	0	0.3892495 +	
17/2	1/2	0	0.6023402 +		1	1	0	0.3015113 +	
17/2	3/2	0	0.5498588 +		1	-2	1	-0.3567530 +	
17/2	5/2	0	0.4512426 +		1	-1	1	-0.3813850 +	
17/2	7/2	0	0.3190767 +		1	0	1	-0.2461830 +	
17/2	9/2	0	0.1714986 +		1	-3	2	0.4119429 +	
17/2	-9/2	1	0.0951303 +		1	-2	2	0.3567530 +	
17/2	-7/2	1	0.2018018 +		1	-1	2	0.1906925 +	
17/2	-5/2	1	0.3219644 +		1	-4	3	-0.4670994 +	
17/2	-3/2	1	0.4398871 +		1	-3	3	-0.3113996 +	
17/2	-1/2	1	0.5387494 +		1	-2	3	-0.1348400 +	
17/2	1/2	1	0.6023402 +		1	-5	4	0.5222330 +	
17/2	3/2	1	0.6165148 +		1	-4	4	0.2335497 +	
17/2	5/2	1	0.5707818 +		1	-3	4	0.0778499 +	
17/2	7/2	1	0.4601790 +		2	-2	0	0.4204375 -	
17/2	9/2	1	0.2869720 +		2	-1	0	0.3178209 -	
17/2	-9/2	2	0.0475651 +		2	0	0	0.0000000 -	
17/2	-7/2	2	0.1138316 +		2	1	0	-0.3178209 -	
17/2	-5/2	2	0.2036281 +		2	2	0	-0.4204375 -	
17/2	-3/2	2	0.3110471 +		2	-3	1	-0.4605662 -	
17/2	-1/2	2	0.4259188 +		2	-2	1	-0.1880254 -	
17/2	1/2	2	0.5339175 +		2	-1	1	0.1740777 -	
17/2	3/2	2	0.6165148 +		2	0	1	0.3892495 -	
17/2	5/2	2	0.6507914 +		2	1	1	0.3553345 -	
17/2	7/2	2	0.6087596 +		2	-4	2	0.4605662 -	
17/2	9/2	2	0.4537426 +		2	-3	2	0.0000000 -	
17/2	-9/2	3	0.0202818 +		2	-2	2	-0.3256695 -	
17/2	-7/2	3	0.0544219 +		2	-1	2	-0.4020151 -	
17/2	-5/2	3	0.1088438 +		2	0	2	-0.2752409 -	
17/2	-3/2	3	0.1858862 +		2	-5	3	-0.3892495 -	
17/2	-1/2	3	0.2853909 +		2	-4	3	0.2461830 -	
17/2	1/2	3	0.4036037 +		2	-3	3	0.4264014 -	
17/2	3/2	3	0.5313689 +		2	-2	3	0.3553345 -	
17/2	5/2	3	0.6507914 +		2	-1	3	0.1880254 -	
17/2	7/2	3	0.7276069 +		2	-5	4	-0.5504819 -	
17/2	9/2	3	0.6859943 +		2	-4	4	-0.4264014 -	
17/2	-9/2	4	0.0064137 +		2	-3	4	-0.2461830 -	
17/2	-7/2	4	0.0192411 +		2	-2	4	-0.1005038 -	
17/2	-5/2	4	0.0430243 +		3	-3	0	0.4947274 +	
17/2	-3/2	4	0.0823853 +		3	-2	0	0.1649091 +	
17/2	-1/2	4	0.1426954 +		3	-1	0	-0.2168145 +	
17/2	1/2	4	0.2300895 +		3	0	0	-0.3739788 +	
17/2	3/2	4	0.3514675 +		3	1	0	-0.2168145 +	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					4	-2	2	0.3832142	-
					4	-1	2	0.1619376	-
3	2	0	0.1649091	+	4	0	2	-0.1672484	-
3	3	0	0.4947274	+	4	1	2	-0.4284465	-
3	-4	1	-0.4693397	+	4	2	2	-0.4580286	-
3	-3	1	0.0903245	+	4	-5	3	-0.5321812	-
3	-2	1	0.3731468	+	4	-4	3	-0.3966644	-
3	-1	1	0.2900848	+	4	-3	3	-0.0836242	-
3	0	1	-0.0241402	+	4	-2	3	0.2290143	-
3	1	1	-0.3484342	+	4	-1	3	0.4284465	-
3	2	1	-0.4516223	+	4	0	3	0.4599331	-
3	-5	2	0.3498251	+	4	1	3	0.3238751	-
3	-4	2	-0.3612978	+	4	-5	4	-0.3547874	-
3	-3	2	-0.3635489	+	4	-4	4	-0.5017452	-
3	-2	2	-0.0571262	+	4	-3	4	-0.5288859	-
3	-1	2	0.2680181	+	4	-2	4	-0.4580286	-
3	0	2	0.4318335	+	4	-1	4	-0.3238751	-
3	1	2	0.3621034	+	4	0	4	-0.1672484	-
3	-5	3	0.5343667	+	5	-5	0	0.3922323	+
3	-4	3	0.1068733	+	5	-4	0	-0.3922323	+
3	-3	3	-0.2617852	+	5	-3	0	-0.3922323	+
3	-2	3	-0.4319235	+	5	-2	0	-0.0653720	+
3	-1	3	-0.4056229	+	5	-1	0	0.2614882	+
3	0	3	-0.2473637	+	5	0	0	0.3922323	+
3	-5	4	0.4779521	+	5	1	0	0.2614882	+
3	-4	4	0.5235703	+	5	2	0	-0.0653720	+
3	-3	4	0.4274934	+	5	3	0	-0.3922323	+
3	-2	4	0.2759458	+	5	4	0	-0.3922323	+
3	-1	4	0.1277381	+	5	5	0	0.3922323	+
4	-4	0	0.5017452	-	5	-5	1	0.5547002	+
4	-3	0	-0.0836242	-	5	-4	1	0.0000000	+
4	-2	0	-0.3832142	-	5	-3	1	-0.3580574	+
4	-1	0	-0.3072549	-	5	-2	1	-0.3867462	+
4	0	0	0.0000000	-	5	-1	1	-0.1601282	+
4	1	0	0.3072549	-	5	0	1	0.1601282	+
4	2	0	0.3832142	-	5	1	1	0.3867462	+
4	3	0	0.0836242	-	5	2	1	0.3580574	+
4	4	0	-0.5017452	-	5	3	1	0.0000000	+
4	-5	1	-0.3547874	-	5	4	1	-0.5547002	+
4	-4	1	0.3966644	-	5	-5	2	0.5547002	+
4	-3	1	0.3498251	-	5	-4	2	0.3580574	+
4	-2	1	0.0000000	-	5	-3	2	0.0000000	+
4	-1	1	-0.3072549	-	5	-2	2	-0.2995723	+
4	0	1	-0.3763089	-	5	-1	2	-0.4134491	+
4	1	1	-0.1619376	-	5	0	2	-0.2995723	+
4	2	1	0.2290143	-	5	1	2	0.0000000	+
4	3	1	0.5288859	-	5	2	2	0.3580574	+
4	-5	2	-0.5321812	-	5	3	2	0.5547002	+
4	-4	2	0.0000000	-	5	-5	3	0.4236593	+
4	-3	2	0.3498251	-	5	-4	3	0.5063697	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					6	-2	3	-0.4449492	-
					6	-1	3	-0.2659080	-
5	-3	3	0.3922323	+	6	0	3	0.0000000	-
5	-2	3	0.1461763	+	6	1	3	0.2912876	-
5	-1	3	-0.1461763	+	6	2	3	0.5163978	-
5	0	3	-0.3922323	+	6	3	3	0.5477226	-
5	1	3	-0.5063697	+	6	-5	4	-0.1230915	-
5	2	3	-0.4236593	+	6	-4	4	-0.2522625	-
5	-5	4	0.2264554	+	6	-3	4	-0.3853373	-
5	-4	4	0.3922323	+	6	-2	4	-0.4974683	-
5	-3	4	0.5063697	+	6	-1	4	-0.5640761	-
5	-2	4	0.5469418	+	6	0	4	-0.5640761	-
5	-1	4	0.5063697	+	6	1	4	-0.4830459	-
5	0	4	0.3922323	+	6	2	4	-0.3162278	-
5	1	4	0.2264554	+	7	-5	0	0.5720544	+
6	-5	0	-0.5976143	-	7	-4	0	0.4823987	+
6	-4	0	-0.0805823	-	7	-3	0	0.1971248	+
6	-3	0	0.3120939	-	7	-2	0	-0.1187583	+
6	-2	0	0.4247060	-	7	-1	0	-0.3527526	+
6	-1	0	0.2842676	-	7	0	0	-0.4381380	+
6	0	0	0.0000000	-	7	1	0	-0.3527526	+
6	1	0	-0.2842676	-	7	2	0	-0.1187583	+
6	2	0	-0.4247060	-	7	3	0	0.1971248	+
6	3	0	-0.3120939	-	7	4	0	0.4823987	+
6	4	0	0.0805823	-	7	5	0	0.5720544	+
6	5	0	0.5976143	-	7	-5	1	0.4263842	+
6	-5	1	-0.5698029	-	7	-4	1	0.5285038	+
6	-4	1	-0.3947710	-	7	-3	1	0.4417750	+
6	-3	1	-0.0465242	-	7	-2	1	0.2222426	+
6	-2	1	0.2642750	-	7	-1	1	-0.0536607	+
6	-1	1	0.4119429	-	7	0	1	-0.3011132	+
6	0	1	0.3481553	-	7	1	1	-0.4391149	+
6	1	1	0.1005038	-	7	2	1	-0.4037129	+
6	2	1	-0.2279212	-	7	3	1	-0.1652602	+
6	3	1	-0.4586825	-	7	4	1	0.2427021	+
6	4	1	-0.3380617	-	7	5	1	0.6522424	+
6	5	1	0.4629100	-	7	-5	2	0.2727163	+
6	-5	2	-0.4413674	-	7	-4	2	0.4390647	+
6	-4	2	-0.5117663	-	7	-3	2	0.5085530	+
6	-3	2	-0.3745127	-	7	-2	2	0.4589258	+
6	-2	2	-0.1100964	-	7	-1	2	0.2940868	+
6	-1	2	0.1797866	-	7	0	2	0.0453516	+
6	0	2	0.3892495	-	7	1	2	-0.2283397	+
6	1	2	0.4264014	-	7	2	2	-0.4403677	+
6	2	2	0.2353960	-	7	3	2	-0.4764153	+
6	3	2	-0.1690309	-	7	4	2	-0.1944611	+
6	4	2	-0.6210590	-	7	5	2	0.5752237	+
6	-5	3	-0.2752409	-	7	-5	3	0.1443079	+
6	-4	3	-0.4403855	-	7	-4	3	0.2856610	+
6	-3	3	-0.5045250	-	7	-3	3	0.4162311	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					8	5	2	0.6972167	-
					8	-5	3	-0.0583042	-
7	-2	3	0.5019501	+	8	-4	3	-0.1366289	-
7	-1	3	0.5111871	+	8	-3	3	-0.2379986	-
7	0	3	0.4199616	+	8	-2	3	-0.3511553	-
7	1	3	0.2179709	+	8	-1	3	-0.4586643	-
7	2	3	-0.0823853	+	8	0	3	-0.5370862	-
7	3	3	-0.4287465	+	8	1	3	-0.5570067	-
7	4	3	-0.6806139	+	8	2	3	-0.4830459	-
7	-5	4	0.0555441	+	8	3	3	-0.2738613	-
7	-4	4	0.1314414	+	8	4	3	0.1178511	-
7	-3	4	0.2318408	+	8	5	3	0.7453560	-
7	-2	4	0.3477612	+	8	-5	4	-0.0197104	-
7	-1	4	0.4647155	+	8	-4	4	-0.0528886	-
7	0	4	0.5627984	+	8	-3	4	-0.1057772	-
7	1	4	0.6165148	+	8	-2	4	-0.1806489	-
7	2	4	0.5940885	+	8	-1	4	-0.2773501	-
7	3	4	0.4537426	+	8	0	4	-0.3922323	-
8	-5	0	-0.3726780	-	8	1	4	-0.5163978	-
8	-4	0	-0.5229764	-	8	2	4	-0.6324555	-
8	-3	0	-0.5370862	-	8	3	4	-0.7071068	-
8	-2	0	-0.4318335	-	8	4	4	-0.6666667	-
8	-1	0	-0.2389761	-	9	-5	0	0.1512475	+
8	0	0	0.0000000	-	9	-4	0	0.2858310	+
8	1	0	0.2389761	-	9	-3	0	0.4119263	+
8	2	0	0.4318335	-	9	-2	0	0.5137623	+
8	3	0	0.5370862	-	9	-1	0	0.5796021	+
8	4	0	0.5229764	-	9	0	0	0.6023402	+
8	5	0	0.3726780	-	9	1	0	0.5796021	+
8	-5	1	-0.2311251	-	9	2	0	0.5137623	+
8	-4	1	-0.3962970	-	9	3	0	0.4119263	+
8	-3	1	-0.5026155	-	9	4	0	0.2858310	+
8	-2	1	-0.5251262	-	9	5	0	0.1512475	+
8	-1	1	-0.4534252	-	9	-5	1	0.0808452	+
8	0	1	-0.2926847	-	9	-4	1	0.1736834	+
8	1	1	-0.0638690	-	9	-3	1	0.2813992	+
8	2	1	0.1961161	-	9	-2	1	0.3918825	+
8	3	1	0.4341216	-	9	-1	1	0.4918087	+
8	4	1	0.5797509	-	9	0	1	0.5678917	+
8	5	1	0.5400617	-	9	1	1	0.6078918	+
8	-5	2	-0.1265924	-	9	2	1	0.6016568	+
8	-4	2	-0.2562354	-	9	3	1	0.5423261	+
8	-3	2	-0.3848076	-	9	4	1	0.4277926	+
8	-2	2	-0.4847319	-	9	5	1	0.2619684	+
8	-1	2	-0.5289961	-	9	-5	2	0.0388368	+
8	0	2	-0.4947274	-	9	-4	2	0.0937997	+
8	1	2	-0.3668997	-	9	-3	2	0.1696901	+
8	2	2	-0.1432230	-	9	-2	2	0.2628828	+
8	3	2	0.1581139	-	9	-1	2	0.3665725	+
8	4	2	0.4830459	-	9	0	2	0.4708710	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					3/2	-7/2	4	0.1348400	+
					3/2	-5/2	4	0.0449467	+
9	1	2	0.5627984	+	5/2	-5/2	0	0.4039433	-
9	2	2	0.6262243	+	5/2	-3/2	0	0.3832142	-
9	3	2	0.6416889	+	5/2	-1/2	0	0.1526762	-
9	4	2	0.5857792	+	5/2	1/2	0	-0.1526762	-
9	5	2	0.4277926	+	5/2	3/2	0	-0.3832142	-
9	-5	3	0.0158550	+	5/2	5/2	0	-0.4039433	-
9	-4	3	0.0427579	+	5/2	-7/2	1	-0.4693397	-
9	-3	3	0.0860486	+	5/2	-5/2	1	-0.2827603	-
9	-2	3	0.1481177	+	5/2	-3/2	1	0.0403943	-
9	-1	3	0.2297615	+	5/2	-1/2	1	0.3072549	-
9	0	3	0.3295410	+	5/2	1/2	1	0.4103839	-
9	1	3	0.4428074	+	5/2	3/2	1	0.3193452	-
9	2	3	0.5601120	+	5/2	-9/2	2	0.4947274	-
9	3	3	0.6642112	+	5/2	-7/2	2	0.0989455	-
9	4	3	0.7231015	+	5/2	-5/2	2	-0.2423660	-
9	5	3	0.6666667	+	5/2	-3/2	2	-0.3998834	-
9	-5	4	0.0047805	+	5/2	-1/2	2	-0.3755338	-
9	-4	4	0.0143414	+	5/2	1/2	2	-0.2290143	-
9	-3	4	0.0320684	+	5/2	-11/2	3	-0.4385290	-
9	-2	4	0.0614063	+	5/2	-9/2	3	0.1773937	-
9	-1	4	0.1063589	+	5/2	-7/2	3	0.4113767	-
9	0	4	0.1714986	+	5/2	-5/2	3	0.4102418	-
9	1	4	0.2619684	+	5/2	-3/2	3	0.2914876	-
9	2	4	0.3834825	+	5/2	-1/2	3	0.1428155	-
9	3	4	0.5423261	+	5/2	-11/2	4	-0.5547002	-
9	4	4	0.7453560	+	5/2	-9/2	4	-0.4730499	-
9	5	4	1.0000000	+	5/2	-7/2	4	-0.3173315	-
					5/2	-5/2	4	-0.1727334	-
J1 = 11/2					5/2	-3/2	4	-0.0682789	-
					7/2	-7/2	0	0.5017452	+
3/2	-3/2	0	0.2659080	+	7/2	-5/2	0	0.2554762	+
3/2	-1/2	0	0.3892495	+	7/2	-3/2	0	-0.1042977	+
3/2	1/2	0	0.3892495	+	7/2	-1/2	0	-0.3413944	+
3/2	3/2	0	0.2659080	+	7/2	1/2	0	-0.3413944	+
3/2	-5/2	1	-0.3363500	+	7/2	3/2	0	-0.1042977	+
3/2	-3/2	1	-0.4119429	+	7/2	5/2	0	0.2554762	+
3/2	-1/2	1	-0.3481553	+	7/2	7/2	0	0.5017452	+
3/2	1/2	1	-0.2010076	+	7/2	-9/2	1	-0.5017452	+
3/2	-7/2	2	0.4119429	+	7/2	-7/2	1	0.0000000	+
3/2	-5/2	2	0.4119429	+	7/2	-5/2	1	0.3298183	+
3/2	-3/2	2	0.2912876	+	7/2	-3/2	1	0.3612978	+
3/2	-1/2	2	0.1421338	+	7/2	-1/2	1	0.1526762	+
3/2	-9/2	3	-0.4923660	+	7/2	1/2	1	-0.1576833	+
3/2	-7/2	3	-0.3813850	+	7/2	3/2	1	-0.4039433	+
3/2	-5/2	3	-0.2201928	+	7/2	5/2	1	-0.4318335	+
3/2	-3/2	3	-0.0898933	+	7/2	-11/2	2	0.3922323	+
3/2	-11/2	4	0.5773503	+	7/2	-9/2	2	-0.3128931	+
3/2	-9/2	4	0.3015113	+	7/2	-7/2	2	-0.4039433	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					9/2	-9/2	3	-0.4438127	-
					9/2	-7/2	3	-0.1869894	-
7/2	-5/2	2	-0.1806489	+	9/2	-5/2	3	0.1079584	-
7/2	-3/2	2	0.1277381	+	9/2	-3/2	3	0.3428139	-
7/2	-1/2	2	0.3623715	+	9/2	-1/2	3	0.4586643	-
7/2	1/2	2	0.4345241	+	9/2	1/2	3	0.4345241	-
7/2	3/2	2	0.3238751	+	9/2	3/2	3	0.2856310	-
7/2	-11/2	3	0.5547002	+	9/2	-11/2	4	-0.3202563	-
7/2	-9/2	3	0.1931218	+	9/2	-9/2	4	-0.4730499	-
7/2	-7/2	3	-0.1672484	+	9/2	-7/2	4	-0.5288859	-
7/2	-5/2	3	-0.3862436	+	9/2	-5/2	4	-0.4986384	-
7/2	-3/2	3	-0.4407382	+	9/2	-3/2	4	-0.4039433	-
7/2	-1/2	3	-0.3612978	+	9/2	-1/2	4	-0.2731155	-
7/2	1/2	3	-0.2048366	+	9/2	1/2	4	-0.1365577	-
7/2	-11/2	4	0.4529108	+	11/2	-11/2	0	0.4258153	+
7/2	-9/2	4	0.5288859	+	11/2	-9/2	0	-0.3483943	+
7/2	-7/2	4	0.4730499	+	11/2	-7/2	0	-0.4258153	+
7/2	-5/2	4	0.3525906	+	11/2	-5/2	0	-0.1677454	+
7/2	-3/2	4	0.2159168	+	11/2	-3/2	0	0.1548419	+
7/2	-1/2	4	0.0965609	+	11/2	-1/2	0	0.3612978	+
9/2	-9/2	0	0.5288859	-	11/2	1/2	0	0.3612978	+
9/2	-7/2	0	0.0000000	-	11/2	3/2	0	0.1548419	+
9/2	-5/2	0	-0.3413944	-	11/2	5/2	0	-0.1677454	+
9/2	-3/2	0	-0.3687481	-	11/2	7/2	0	-0.4258153	+
9/2	-1/2	0	-0.1526762	-	11/2	9/2	0	-0.3483943	+
9/2	1/2	0	0.1526762	-	11/2	11/2	0	0.4258153	+
9/2	3/2	0	0.3687481	-	11/2	-11/2	1	0.5741693	+
9/2	5/2	0	0.3413944	-	11/2	-9/2	1	0.0774210	+
9/2	7/2	0	0.0000000	-	11/2	-7/2	1	-0.2998501	+
9/2	9/2	0	-0.5288859	-	11/2	-5/2	1	-0.4080443	+
9/2	-11/2	1	-0.3922323	-	11/2	-3/2	1	-0.2731155	+
9/2	-9/2	1	0.3547874	-	11/2	-1/2	1	0.0000000	+
9/2	-7/2	1	0.3966644	-	11/2	1/2	1	0.2731155	+
9/2	-5/2	1	0.1166084	-	11/2	3/2	1	0.4080443	+
9/2	-3/2	1	-0.2019716	-	11/2	5/2	1	0.2998501	+
9/2	-1/2	1	-0.3755338	-	11/2	7/2	1	-0.0774210	+
9/2	1/2	1	-0.3205594	-	11/2	9/2	1	-0.5741693	+
9/2	3/2	1	-0.0539792	-	11/2	-11/2	2	0.5447048	+
9/2	5/2	1	0.3053524	-	11/2	-9/2	2	0.4108907	+
9/2	7/2	1	0.5288859	-	11/2	-7/2	2	0.0999500	+
9/2	-11/2	2	-0.5547002	-	11/2	-5/2	2	-0.2048366	+
9/2	-9/2	2	-0.0836242	-	11/2	-3/2	2	-0.3862436	+
9/2	-7/2	2	0.2856310	-	11/2	-1/2	2	-0.3862436	+
9/2	-5/2	2	0.4039433	-	11/2	1/2	2	-0.2048366	+
9/2	-3/2	2	0.2856310	-	11/2	3/2	2	0.0999500	+
9/2	-1/2	2	0.0197104	-	11/2	5/2	2	0.4108907	+
9/2	1/2	2	-0.2709734	-	11/2	7/2	2	0.5447048	+
9/2	3/2	2	-0.4580286	-	11/2	-11/2	3	0.3922323	+
9/2	5/2	2	-0.4318335	-	11/2	-9/2	3	0.5017452	+
9/2	-11/2	3	-0.5188745	-	11/2	-7/2	3	0.4424977	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					13/2	9/2	2	-0.6301260	-
					13/2	-11/2	3	-0.2436989	-
11/2	-5/2	3	0.2554762	+	13/2	-9/2	3	-0.4052776	-
11/2	-3/2	3	0.0000000	+	13/2	-7/2	3	-0.4921013	-
11/2	-1/2	3	-0.2554762	+	13/2	-5/2	3	-0.4800561	-
11/2	1/2	3	-0.4424977	+	13/2	-3/2	3	-0.3639667	-
11/2	3/2	3	-0.5017452	+	13/2	-1/2	3	-0.1587306	-
11/2	5/2	3	-0.3922323	+	13/2	1/2	3	0.1003900	-
11/2	-11/2	4	0.1961161	+	13/2	3/2	3	0.3574250	-
11/2	-9/2	4	0.3498251	+	13/2	5/2	3	0.5346585	-
11/2	-7/2	4	0.4693397	+	13/2	7/2	3	0.5272013	-
11/2	-5/2	4	0.5343667	+	13/2	-11/2	4	-0.1027525	-
11/2	-3/2	4	0.5343667	+	13/2	-9/2	4	-0.2146429	-
11/2	-1/2	4	0.4693397	+	13/2	-7/2	4	-0.3359693	-
11/2	1/2	4	0.3498251	+	13/2	-5/2	4	-0.4479590	-
11/2	3/2	4	0.1961161	+	13/2	-3/2	4	-0.5312141	-
13/2	-11/2	0	-0.6109854	-	13/2	-1/2	4	-0.5678917	-
13/2	-9/2	0	-0.1504142	-	13/2	1/2	4	-0.5437149	-
13/2	-7/2	0	0.2459043	-	13/2	3/2	4	-0.4502388	-
13/2	-5/2	0	0.4168894	-	13/2	5/2	4	-0.2869720	-
13/2	-3/2	0	0.3583126	-	15/2	-11/2	0	0.5550885	+
13/2	-1/2	0	0.1385514	-	15/2	-9/2	0	0.5091986	+
13/2	1/2	0	-0.1385514	-	15/2	-7/2	0	0.2698687	+
13/2	3/2	0	-0.3583126	-	15/2	-5/2	0	-0.0242414	+
13/2	5/2	0	-0.4168894	-	15/2	-3/2	0	-0.2744034	+
13/2	7/2	0	-0.2459043	-	15/2	-1/2	0	-0.4156542	+
13/2	9/2	0	0.1504142	-	15/2	1/2	0	-0.4156542	+
13/2	11/2	0	0.6109854	-	15/2	3/2	0	-0.2744034	+
13/2	-11/2	1	-0.5577508	-	15/2	5/2	0	-0.0242414	+
13/2	-9/2	1	-0.4391149	-	15/2	7/2	0	0.2698687	+
13/2	-7/2	1	-0.1366205	-	15/2	9/2	0	0.5091986	+
13/2	-5/2	1	0.1721005	-	15/2	11/2	0	0.5550885	+
13/2	-3/2	1	0.3718093	-	15/2	-11/2	1	0.3975071	+
13/2	-1/2	1	0.4027534	-	15/2	-9/2	1	0.5189783	+
13/2	1/2	1	0.2593602	-	15/2	-7/2	1	0.4756927	+
13/2	3/2	1	-0.0101409	-	15/2	-5/2	1	0.3051085	+
13/2	5/2	1	-0.3038557	-	15/2	-3/2	1	0.0628410	+
13/2	7/2	1	-0.4662840	-	15/2	-1/2	1	-0.1858862	+
13/2	9/2	1	-0.2883484	-	15/2	1/2	1	-0.3747114	+
13/2	11/2	1	0.4925922	-	15/2	3/2	1	-0.4446174	+
13/2	-11/2	2	-0.4119263	-	15/2	5/2	1	-0.3537590	+
13/2	-9/2	2	-0.5105832	-	15/2	7/2	1	-0.0911197	+
13/2	-7/2	2	-0.4267952	-	15/2	9/2	1	0.2993925	+
13/2	-5/2	2	-0.2147068	-	15/2	11/2	1	0.6567896	+
13/2	-3/2	2	0.0518412	-	15/2	-11/2	2	0.2434224	+
13/2	-1/2	2	0.2909029	-	15/2	-9/2	2	0.4057577	+
13/2	1/2	2	0.4242253	-	15/2	-7/2	2	0.4948119	+
13/2	3/2	2	0.3900237	-	15/2	-5/2	2	0.4870178	+
13/2	5/2	2	0.1596565	-	15/2	-3/2	2	0.3777001	+
13/2	7/2	2	-0.2344725	-	15/2	-1/2	2	0.1821607	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					17/2	7/2	1	0.4729527	-
					17/2	9/2	1	0.5819126	-
15/2	1/2	2	-0.0641368	+	17/2	11/2	1	0.5178695	-
15/2	3/2	2	-0.3055192	+	17/2	-11/2	2	-0.1085750	-
15/2	5/2	2	-0.4660876	+	17/2	-9/2	2	-0.2237665	-
15/2	7/2	2	-0.4497120	+	17/2	-7/2	2	-0.3440921	-
15/2	9/2	2	-0.1400280	+	17/2	-5/2	2	-0.4477748	-
15/2	11/2	2	0.5995641	+	17/2	-3/2	2	-0.5126303	-
15/2	-11/2	3	0.1228127	+	17/2	-1/2	2	-0.5185824	-
15/2	-9/2	3	0.2485848	+	17/2	1/2	2	-0.4500536	-
15/2	-7/2	3	0.3733183	+	17/2	3/2	2	-0.2988427	-
15/2	-5/2	3	0.4702590	+	17/2	5/2	2	-0.0681466	-
15/2	-3/2	3	0.5132016	+	17/2	7/2	2	0.2208203	-
15/2	-1/2	3	0.4799561	+	17/2	9/2	2	0.5152474	-
15/2	1/2	3	0.3559450	+	17/2	11/2	2	0.6904927	-
15/2	3/2	3	0.1389467	+	17/2	-11/2	3	-0.0478771	-
15/2	5/2	3	-0.1533930	+	17/2	-9/2	3	-0.1135102	-
15/2	7/2	3	-0.4686233	+	17/2	-7/2	3	-0.2006992	-
15/2	9/2	3	-0.6763995	+	17/2	-5/2	3	-0.3020315	-
15/2	-11/2	4	0.0448449	+	17/2	-3/2	3	-0.4054701	-
15/2	-9/2	4	0.1073215	+	17/2	-1/2	3	-0.4944922	-
15/2	-7/2	4	0.1919824	+	17/2	1/2	3	-0.5481137	-
15/2	-5/2	4	0.2932580	+	17/2	3/2	3	-0.5408971	-
15/2	-3/2	4	0.4015601	+	17/2	5/2	3	-0.4429531	-
15/2	-1/2	4	0.5033822	+	17/2	7/2	3	-0.2199423	-
15/2	1/2	4	0.5812557	+	17/2	9/2	3	0.1669245	-
15/2	3/2	4	0.6135720	+	17/2	11/2	3	0.7608859	-
15/2	5/2	4	0.5739440	+	17/2	-11/2	4	-0.0154322	-
15/2	7/2	4	0.4277926	+	17/2	-9/2	4	-0.0416175	-
17/2	-11/2	0	-0.3452464	-	17/2	-7/2	4	-0.0837536	-
17/2	-9/2	0	-0.5007734	-	17/2	-5/2	4	-0.1441672	-
17/2	-7/2	0	-0.5401260	-	17/2	-3/2	4	-0.2236334	-
17/2	-5/2	0	-0.4725118	-	17/2	-1/2	4	-0.3207517	-
17/2	-3/2	0	-0.3198392	-	17/2	1/2	4	-0.4309971	-
17/2	-1/2	0	-0.1128286	-	17/2	3/2	4	-0.5451730	-
17/2	1/2	0	0.1128286	-	17/2	5/2	4	-0.6464957	-
17/2	3/2	0	0.3198392	-	17/2	7/2	4	-0.7038153	-
17/2	5/2	0	0.4725118	-	17/2	9/2	4	-0.6488857	-
17/2	7/2	0	0.5401260	-	19/2	-11/2	0	0.1343870	+
17/2	9/2	0	0.5007734	-	19/2	-9/2	0	0.2573314	+
17/2	11/2	0	0.3452464	-	19/2	-7/2	0	0.3766947	+
17/2	-11/2	1	-0.2063242	-	19/2	-5/2	0	0.4787706	+
17/2	-9/2	1	-0.3626560	-	19/2	-3/2	0	0.5528366	+
17/2	-7/2	1	-0.4758079	-	19/2	-1/2	0	0.5916784	+
17/2	-5/2	1	-0.5225671	-	19/2	1/2	0	0.5916784	+
17/2	-3/2	1	-0.4904200	-	19/2	3/2	0	0.5528366	+
17/2	-1/2	1	-0.3784388	-	19/2	5/2	0	0.4787706	+
17/2	1/2	1	-0.1974501	-	19/2	7/2	0	0.3766947	+
17/2	3/2	1	0.0298843	-	19/2	9/2	0	0.2573314	+
17/2	5/2	1	0.2689585	-	19/2	11/2	0	0.1343870	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					J1 = 6				
19/2	-11/2	1	0.0693971	+	2	-2	0	0.2332168	+
19/2	-9/2	1	0.1506779	+	2	-1	0	0.3687481	+
19/2	-7/2	1	0.2472361	+	2	0	0	0.4181210	+
19/2	-5/2	1	0.3496446	+	2	1	0	0.3687481	+
19/2	-3/2	1	0.4472668	+	2	2	0	0.2332168	+
19/2	-1/2	1	0.5292133	+	2	-3	1	-0.3128931	+
19/2	1/2	1	0.5850673	+	2	-2	1	-0.4171908	+
19/2	3/2	1	0.6056022	+	2	-1	1	-0.4039433	+
19/2	5/2	1	0.5835729	+	2	0	1	-0.3053524	+
19/2	7/2	1	0.5146629	+	2	1	1	-0.1649091	+
19/2	9/2	1	0.3986562	+	2	-4	2	0.4039433	+
19/2	11/2	1	0.2403987	+	2	-3	2	0.4424977	+
19/2	-11/2	2	0.0321246	+	2	-2	2	0.3612978	+
19/2	-9/2	2	0.0781829	+	2	-1	2	0.2332168	+
19/2	-7/2	2	0.1427418	+	2	0	2	0.1079584	+
19/2	-5/2	2	0.2236334	+	2	-5	3	-0.5063697	+
19/2	-3/2	2	0.3162654	+	2	-4	3	-0.4318335	+
19/2	-1/2	2	0.4137050	+	2	-3	3	-0.2896827	+
19/2	1/2	2	0.5066831	+	2	-2	3	-0.1576833	+
19/2	3/2	2	0.5835729	+	2	-1	3	-0.0623298	+
19/2	5/2	2	0.6303307	+	2	-6	4	0.6201737	+
19/2	7/2	2	0.6303307	+	2	-5	4	0.3580574	+
19/2	9/2	2	0.5637849	+	2	-4	4	0.1869894	+
19/2	11/2	2	0.4046513	+	2	-3	4	0.0836242	+
19/2	-11/2	3	0.0126003	+	2	-2	4	0.0278747	+
19/2	-9/2	3	0.0341218	+	3	-3	0	0.3832142	-
19/2	-7/2	3	0.0690148	+	3	-2	0	0.4171908	-
19/2	-5/2	3	0.1195371	+	3	-1	0	0.2607443	-
19/2	-3/2	3	0.1868929	+	3	0	0	0.0000000	-
19/2	-1/2	3	0.2708335	+	3	1	0	-0.2607443	-
19/2	1/2	3	0.3690839	+	3	2	0	-0.4171908	-
19/2	3/2	3	0.4764852	+	3	3	0	-0.3832142	-
19/2	5/2	3	0.5835729	+	3	-4	1	-0.4693397	-
19/2	7/2	3	0.6738519	+	3	-3	1	-0.3498251	-
19/2	9/2	3	0.7173701	+	3	-2	1	-0.0737496	-
19/2	11/2	3	0.6488857	+	3	-1	1	0.2019716	-
19/2	-11/2	4	0.0036374	+	3	0	1	0.3778543	-
19/2	-9/2	4	0.0109122	+	3	1	1	0.4056229	-
19/2	-7/2	4	0.0244004	+	3	2	1	0.2856310	-
19/2	-5/2	4	0.0467232	+	3	-5	2	0.5188745	-
19/2	-3/2	4	0.0809270	+	3	-4	2	0.1806489	-
19/2	-1/2	4	0.1304909	+	3	-3	2	-0.1564466	-
19/2	1/2	4	0.1993281	+	3	-2	2	-0.3612978	-
19/2	3/2	4	0.2917864	+	3	-1	2	-0.4122729	-
19/2	5/2	4	0.4126483	+	3	0	2	-0.3379632	-
19/2	7/2	4	0.5671309	+	3	1	2	-0.1916071	-
19/2	9/2	4	0.7608859	+	3	-6	3	-0.4803845	-
19/2	11/2	4	1.0000000	+	3	-5	3	0.1132277	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					4	-4	4	0.5017452	+
					4	-3	4	0.4096732	+
3	-4	3	0.3816905	-	4	-2	4	0.2896827	+
3	-3	3	0.4345241	-	4	-1	4	0.1713786	+
3	-2	3	0.3623715	-	4	0	4	0.0747958	+
3	-1	3	0.2369352	-	5	-5	0	0.5497252	-
3	0	3	0.1106244	-	5	-4	0	0.0741249	-
3	-6	4	-0.5547002	-	5	-3	0	-0.2870846	-
3	-5	4	-0.5063697	-	5	-2	0	-0.3906727	-
3	-4	4	-0.3739788	-	5	-1	0	-0.2614882	-
3	-3	4	-0.2365250	-	5	0	0	0.0000000	-
3	-2	4	-0.1246596	-	5	1	0	0.2614882	-
3	-1	4	-0.0482805	-	5	2	0	0.3906727	-
4	-4	0	0.5017452	+	5	3	0	0.2870846	-
4	-3	0	0.3238751	+	5	4	0	-0.0741249	-
4	-2	0	0.0000000	+	5	5	0	-0.5497252	-
4	-1	0	-0.2709734	+	5	-6	1	-0.4258153	-
4	0	0	-0.3739788	+	5	-5	1	0.3109715	-
4	1	0	-0.2709734	+	5	-4	1	0.4219265	-
4	2	0	0.0000000	+	5	-3	1	0.2096570	-
4	3	0	0.3238751	+	5	-2	1	-0.0924500	-
4	4	0	0.5017452	+	5	-1	1	-0.3202563	-
4	-5	1	-0.5262348	+	5	0	1	-0.3789324	-
4	-4	1	-0.0793329	+	5	1	1	-0.2430976	-
4	-3	1	0.2709734	+	5	2	1	0.0427960	-
4	-2	1	0.3832142	+	5	3	1	0.3631365	-
4	-1	1	0.2709734	+	5	4	1	0.5241424	-
4	0	1	0.0186989	+	5	-6	2	-0.5712912	-
4	1	1	-0.2570679	+	5	-5	2	-0.1554858	-
4	2	1	-0.4345241	+	5	-4	2	0.2165328	-
4	3	1	-0.4096732	+	5	-3	2	0.3922323	-
4	-6	2	0.4296689	+	5	-2	2	0.3580574	-
4	-5	2	-0.2631174	+	5	-1	2	0.1653796	-
4	-4	2	-0.4197902	+	5	0	2	-0.1012739	-
4	-3	2	-0.2709734	+	5	1	2	-0.3445016	-
4	-2	2	0.0000000	+	5	2	2	-0.4707565	-
4	-1	2	0.2570679	+	5	3	2	-0.4059990	-
4	0	2	0.4113767	+	5	-6	3	-0.5038315	-
4	1	2	0.4210377	+	5	-5	3	-0.4750169	-
4	2	2	0.2896827	+	5	-4	3	-0.2679457	-
4	-6	3	0.5683986	+	5	-3	3	0.0000000	-
4	-5	3	0.2631174	+	5	-2	3	0.2445998	-
4	-4	3	-0.0793329	+	5	-1	3	0.4092937	-
4	-3	3	-0.3238751	+	5	0	3	0.4640955	-
4	-2	3	-0.4345241	+	5	1	3	0.4050957	-
4	-1	3	-0.4210377	+	5	2	3	0.2531848	-
4	0	3	-0.3178820	+	5	-6	4	-0.2908872	-
4	1	3	-0.1713786	+	5	-5	4	-0.4443376	-
4	-6	4	0.4296689	+	5	-4	4	-0.5188745	-
4	-5	4	0.5262348	+	5	-3	4	-0.5188745	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					6	2	3	-0.4900980	+
					6	3	3	-0.3638034	+
5	-2	4	-0.4576043	-	6	-6	4	0.1714986	+
5	-1	4	-0.3544588	-	6	-5	4	0.3131121	+
5	0	4	-0.2320477	-	6	-4	4	0.4326266	+
5	1	4	-0.1132277	-	6	-3	4	0.5118907	+
6	-6	0	0.4560517	+	6	-2	4	0.5395802	+
6	-5	0	-0.3040345	+	6	-1	4	0.5118907	+
6	-4	0	-0.4422320	+	6	0	4	0.4326266	+
6	-3	0	-0.2487555	+	6	1	4	0.3131121	+
6	-2	0	0.0506724	+	6	2	4	0.1714986	+
6	-1	0	0.2948213	+	7	-6	0	-0.6206078	-
6	0	0	0.3869530	+	7	-5	0	-0.2108100	-
6	1	0	0.2948213	+	7	-4	0	0.1797794	-
6	2	0	0.0506724	+	7	-3	0	0.3909129	-
6	3	0	-0.2487555	+	7	-2	0	0.3988804	-
6	4	0	-0.4422320	+	7	-1	0	0.2439248	-
6	5	0	-0.3040345	+	7	0	0	0.0000000	-
6	6	0	0.4560517	+	7	1	0	-0.2439248	-
6	-6	1	0.5887603	+	7	2	0	-0.3988804	-
6	-5	1	0.1449428	+	7	3	0	-0.3909129	-
6	-4	1	-0.2369593	+	7	4	0	-0.1797794	-
6	-3	1	-0.4017247	+	7	5	0	0.2108100	-
6	-2	1	-0.3452787	+	7	6	0	0.6206078	-
6	-1	1	-0.1335115	+	7	-6	1	-0.5443091	-
6	0	1	0.1335115	+	7	-5	1	-0.4713855	-
6	1	1	0.3452787	+	7	-4	1	-0.2121126	-
6	2	1	0.4017247	+	7	-3	1	0.0829333	-
6	3	1	0.2369593	+	7	-2	1	0.3104656	-
6	4	1	-0.1449428	+	7	-1	1	0.4081643	-
6	5	1	-0.5887603	+	7	0	1	0.3534807	-
6	-6	2	0.5325537	+	7	1	1	0.1632927	-
6	-5	2	0.4490887	+	7	2	1	-0.1062207	-
6	-4	2	0.1835132	+	7	3	1	-0.3596336	-
6	-3	2	-0.1105580	+	7	4	1	-0.4622987	-
6	-2	2	-0.3283948	+	7	5	1	-0.2403604	-
6	-1	2	-0.4078843	+	7	6	1	0.5192378	-
6	0	2	-0.3283948	+	7	-6	2	-0.3848846	-
6	1	2	-0.1105580	+	7	-5	2	-0.5024986	-
6	2	2	0.1835132	+	7	-4	2	-0.4605875	-
6	3	2	0.4490887	+	7	-3	2	-0.2954201	-
6	4	2	0.5325537	+	7	-2	2	-0.0608455	-
6	-6	3	0.3638034	+	7	-1	2	0.1799835	-
6	-5	3	0.4900980	+	7	0	2	0.3628127	-
6	-4	3	0.4720343	+	7	1	2	0.4304990	-
6	-3	3	0.3351111	+	7	2	2	0.3425257	-
6	-2	3	0.1206538	+	7	3	2	0.0882263	-
6	-1	3	-0.1206538	+	7	4	2	-0.2898855	-
6	0	3	-0.3351111	+	7	5	2	-0.6359338	-
6	1	3	-0.4720343	+	7	-6	3	-0.2171042	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					8	-4	2	0.4751325	+
					8	-3	2	0.4973399	+
7	-5	3	-0.3722562	-	8	-2	2	0.4319755	+
7	-4	3	-0.4721251	-	8	-1	2	0.2848245	+
7	-3	3	-0.4932702	-	8	0	2	0.0767388	+
7	-2	3	-0.4259188	-	8	1	2	-0.1563205	+
7	-1	3	-0.2749294	-	8	2	2	-0.3632692	+
7	0	3	-0.0599945	-	8	3	2	-0.4778948	+
7	1	3	0.1842190	-	8	4	2	-0.4188539	+
7	2	3	0.4077862	-	8	5	2	-0.0896713	+
7	3	3	0.5445811	-	8	6	2	0.6212607	+
7	4	3	0.5072997	-	8	-6	3	0.1055159	+
7	-6	4	-0.0868417	-	8	-5	3	0.2174619	+
7	-5	4	-0.1842190	-	8	-4	3	0.3343975	+
7	-4	4	-0.2939119	-	8	-3	3	0.4351589	+
7	-3	4	-0.4015601	-	8	-2	3	0.4981871	+
7	-2	4	-0.4918087	-	8	-1	3	0.5039715	+
7	-1	4	-0.5498588	-	8	0	3	0.4373735	+
7	0	4	-0.5627984	-	8	1	3	0.2904229	+
7	1	4	-0.5210501	-	8	2	3	0.0662266	+
7	2	4	-0.4200840	-	8	3	3	-0.2145988	+
7	3	4	-0.2619684	-	8	4	3	-0.5007305	+
8	-6	0	0.5380276	+	8	5	3	-0.6710383	+
8	-5	0	0.5272444	+	8	-6	4	0.0367359	+
8	-4	0	0.3287716	+	8	-5	4	0.0887257	+
8	-3	0	0.0601233	+	8	-4	4	0.1605108	+
8	-2	0	-0.1924172	+	8	-3	4	0.2486622	+
8	-1	0	-0.3681098	+	8	-2	4	0.3467429	+
8	0	0	-0.4306956	+	8	-1	4	0.4453993	+
8	1	0	-0.3681098	+	8	0	4	0.5323540	+
8	2	0	-0.1924172	+	8	1	4	0.5923489	+
8	3	0	0.0601233	+	8	2	4	0.6069770	+
8	4	0	0.3287716	+	8	3	4	0.5540916	+
8	5	0	0.5272444	+	8	4	4	0.4046513	+
8	6	0	0.5380276	+	9	-6	0	-0.3208445	-
8	-6	1	0.3712743	+	9	-5	0	-0.4782867	-
8	-5	1	0.5053375	+	9	-4	0	-0.5362664	-
8	-4	1	0.4958134	+	9	-3	0	-0.4988675	-
8	-3	1	0.3673741	+	9	-2	0	-0.3810163	-
8	-2	1	0.1606063	+	9	-1	0	-0.2055049	-
8	-1	1	-0.0743021	+	9	0	0	0.0000000	-
8	0	1	-0.2837456	+	9	1	0	0.2055049	-
8	1	1	-0.4165514	+	9	2	0	0.3810163	-
8	2	1	-0.4302070	+	9	3	0	0.4988675	-
8	3	1	-0.2985247	+	9	4	0	0.5362664	-
8	4	1	-0.0228504	+	9	5	0	0.4782867	-
8	5	1	0.3472953	+	9	6	0	0.3208445	-
8	6	1	0.6589465	+	9	-6	1	-0.1852396	-
8	-6	2	0.2184386	+	9	-5	1	-0.3323515	-
8	-5	2	0.3744735	+	9	-4	1	-0.4480560	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					10	-6	0	0.1201994	+
					10	-5	0	0.2327650	+
9	-3	1	-0.5111871	-	10	-4	0	0.3452464	+
9	-2	1	-0.5085988	-	10	-3	0	0.4457111	+
9	-1	1	-0.4359418	-	10	-2	0	0.5244669	+
9	0	1	-0.2978049	-	10	-1	0	0.5745247	+
9	1	1	-0.1077677	-	10	0	0	0.5916784	+
9	2	1	0.1115502	-	10	1	0	0.5745247	+
9	3	1	0.3283948	-	10	2	0	0.5244669	+
9	4	1	0.5016313	-	10	3	0	0.4457111	+
9	5	1	0.5798918	-	10	4	0	0.3452464	+
9	6	1	0.4970501	-	10	5	0	0.2327650	+
9	-6	2	-0.0939336	-	10	6	0	0.1201994	+
9	-5	2	-0.1965003	-	10	-6	1	0.0600997	+
9	-4	2	-0.3079718	-	10	-5	1	0.1316718	+
9	-3	2	-0.4110099	-	10	-4	1	0.2183530	+
9	-2	2	-0.4873977	-	10	-3	1	0.3127316	+
9	-1	2	-0.5198909	-	10	-2	1	0.4062503	+
9	0	2	-0.4938536	-	10	-1	1	0.4899563	+
9	1	2	-0.3990940	-	10	0	1	0.5550436	+
9	2	2	-0.2322102	-	10	1	1	0.5933665	+
9	3	2	0.0000000	-	10	2	1	0.5979842	+
9	4	2	0.2747548	-	10	3	1	0.5637849	+
9	5	2	0.5411196	-	10	4	1	0.4882521	+
9	6	2	0.6831301	-	10	5	1	0.3724241	+
9	-6	3	-0.0397959	-	10	6	1	0.2216367	+
9	-5	3	-0.0952623	-	10	-6	2	0.0268774	+
9	-4	3	-0.1704694	-	10	-5	2	0.0658359	+
9	-3	3	-0.2605251	-	10	-4	2	0.1211204	+
9	-2	3	-0.3570028	-	10	-3	2	0.1915082	+
9	-1	3	-0.4480560	-	10	-2	2	0.2738939	+
9	0	3	-0.5184383	-	10	-1	2	0.3633613	+
9	1	3	-0.5495096	-	10	0	2	0.4531912	+
9	2	3	-0.5192378	-	10	1	2	0.5348534	+
9	3	3	-0.4021998	-	10	2	2	0.5979842	+
9	4	3	-0.1695823	-	10	3	2	0.6303307	+
9	5	3	0.2108185	-	10	4	2	0.6175955	+
9	6	3	0.7745967	-	10	5	2	0.5428967	+
9	-6	4	-0.0122813	-	10	6	2	0.3838859	+
9	-5	4	-0.0332578	-	10	-6	3	0.0101587	+
9	-4	4	-0.0672673	-	10	-5	3	0.0276059	+
9	-3	4	-0.1165103	-	10	-4	3	0.0560679	+
9	-2	4	-0.1821607	-	10	-3	3	0.0976016	+
9	-1	4	-0.2639759	-	10	-2	3	0.1535482	+
9	0	4	-0.3597385	-	10	-1	3	0.2242715	+
9	1	4	-0.4644204	-	10	0	3	0.3087977	+
9	2	4	-0.5687965	-	10	1	3	0.4043111	+
9	3	4	-0.6567896	-	10	2	3	0.5053889	+
9	4	4	-0.6992059	-	10	3	3	0.6027115	+
9	5	4	-0.6324555	-	10	4	3	0.6805570	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					7/2	-7/2	0	0.3612978	-
					7/2	-5/2	0	0.4318335	-
10	5	3	0.7108187	+	7/2	-3/2	0	0.3344968	-
10	6	3	0.6324555	+	7/2	-1/2	0	0.1246596	-
10	-6	4	0.0028175	+	7/2	1/2	0	-0.1246596	-
10	-5	4	0.0084525	+	7/2	3/2	0	-0.3344968	-
10	-4	4	0.0189005	+	7/2	5/2	0	-0.4318335	-
10	-3	4	0.0361917	+	7/2	7/2	0	-0.3612978	-
10	-2	4	0.0626858	+	7/2	-9/2	1	-0.4640955	-
10	-1	4	0.1010778	+	7/2	-7/2	1	-0.3969581	-
10	0	4	0.1543989	+	7/2	-5/2	1	-0.1672484	-
10	1	4	0.2260168	+	7/2	-3/2	1	0.0965609	-
10	2	4	0.3196360	+	7/2	-1/2	1	0.3066221	-
10	3	4	0.4392977	+	7/2	1/2	1	0.4102418	-
10	4	4	0.5893797	+	7/2	3/2	1	0.3886502	-
10	5	4	0.7745967	+	7/2	5/2	1	0.2554762	-
10	6	4	1.0000000	+	7/2	-11/2	2	0.5358913	-
J1 = 13/2					7/2	-9/2	2	0.2480695	-
					7/2	-7/2	2	-0.0747958	-
					7/2	-5/2	2	-0.3053524	-
5/2	-5/2	0	0.2048366	+	7/2	-3/2	2	-0.4096732	-
5/2	-3/2	0	0.3413944	+	7/2	-1/2	2	-0.3969581	-
5/2	-1/2	0	0.4181210	+	7/2	1/2	2	-0.2997020	-
5/2	1/2	0	0.4181210	+	7/2	3/2	2	-0.1615773	-
5/2	3/2	0	0.3413944	+	7/2	-13/2	3	-0.5163978	-
5/2	5/2	0	0.2048366	+	7/2	-11/2	3	0.0541332	-
5/2	-7/2	1	-0.2896827	+	7/2	-9/2	3	0.3445016	-
5/2	-5/2	1	-0.4096732	+	7/2	-7/2	3	0.4387188	-
5/2	-3/2	1	-0.4318335	+	7/2	-5/2	3	0.4080443	-
5/2	-1/2	1	-0.3739788	+	7/2	-3/2	3	0.3109715	-
5/2	1/2	1	-0.2644429	+	7/2	-1/2	3	0.1931793	-
5/2	3/2	1	-0.1365577	+	7/2	1/2	3	0.0872617	-
5/2	-9/2	2	0.3922323	+	7/2	-13/2	4	-0.5520524	-
5/2	-7/2	2	0.4580286	+	7/2	-11/2	4	-0.5303948	-
5/2	-5/2	2	0.4096732	+	7/2	-9/2	4	-0.4193139	-
5/2	-3/2	2	0.3053524	+	7/2	-7/2	4	-0.2919727	-
5/2	-1/2	2	0.1869894	+	7/2	-5/2	4	-0.1787961	-
5/2	1/2	2	0.0836242	+	7/2	-3/2	4	-0.0923299	-
5/2	-11/2	3	-0.5135526	+	7/2	-1/2	4	-0.0352591	-
5/2	-9/2	3	-0.4688072	+	9/2	-9/2	0	0.4972452	+
5/2	-7/2	3	-0.3462371	+	9/2	-7/2	0	0.3750902	+
5/2	-5/2	3	-0.2189796	+	9/2	-5/2	0	0.0912415	+
5/2	-3/2	3	-0.1154124	+	9/2	-3/2	0	-0.1869894	+
5/2	-1/2	3	-0.0446990	+	9/2	-1/2	0	-0.3525906	+
5/2	-13/2	4	0.6546537	+	9/2	1/2	0	-0.3525906	+
5/2	-11/2	4	0.4059990	+	9/2	3/2	0	-0.1869894	+
5/2	-9/2	4	0.2344036	+	9/2	5/2	0	0.0912415	+
5/2	-7/2	4	0.1224133	+	9/2	7/2	0	0.3750902	+
5/2	-5/2	4	0.0547449	+	9/2	9/2	0	0.4972452	+
5/2	-3/2	4	0.0182483	+	9/2	-11/2	1	-0.5447048	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					11/2	-13/2	1	-0.4560517	-
					11/2	-11/2	1	0.2669587	-
9/2	-9/2	1	-0.1482499	+	11/2	-9/2	1	0.4316951	-
9/2	-7/2	1	0.2064559	+	11/2	-7/2	1	0.2813157	-
9/2	-5/2	1	0.3739788	+	11/2	-5/2	1	0.0093887	-
9/2	-3/2	1	0.3413944	+	11/2	-3/2	1	-0.2401209	-
9/2	-1/2	1	0.1576833	+	11/2	-1/2	1	-0.3728772	-
9/2	1/2	1	-0.0965609	+	11/2	1/2	1	-0.3442285	-
9/2	3/2	1	-0.3284693	+	11/2	3/2	1	-0.1593341	-
9/2	5/2	1	-0.4488488	+	11/2	5/2	1	0.1264860	-
9/2	7/2	1	-0.3871048	+	11/2	7/2	1	0.4065414	-
9/2	-13/2	2	0.4629100	+	11/2	9/2	1	0.5163769	-
9/2	-11/2	2	-0.2139802	+	11/2	-13/2	2	-0.5833834	-
9/2	-9/2	2	-0.4193139	+	11/2	-11/2	2	-0.2170794	-
9/2	-7/2	2	-0.3344968	+	11/2	-9/2	2	0.1478132	-
9/2	-5/2	2	-0.1079584	+	11/2	-7/2	2	0.3610918	-
9/2	-3/2	2	0.1448414	+	11/2	-5/2	2	0.3927563	-
9/2	-1/2	2	0.3413944	+	11/2	-3/2	2	0.2693238	-
9/2	1/2	2	0.4320905	+	11/2	-1/2	2	0.0479956	-
9/2	3/2	2	0.4000083	+	11/2	1/2	2	-0.1987798	-
9/2	5/2	2	0.2596778	+	11/2	3/2	2	-0.3951356	-
9/2	-13/2	3	0.5773503	+	11/2	5/2	2	-0.4727082	-
9/2	-11/2	3	0.3202563	+	11/2	7/2	2	-0.3813696	-
9/2	-9/2	3	0.0000000	+	11/2	-13/2	3	-0.4880935	-
9/2	-7/2	3	-0.2554762	+	11/2	-11/2	3	-0.4949976	-
9/2	-5/2	3	-0.4039433	+	11/2	-9/2	3	-0.3309113	-
9/2	-3/2	3	-0.4424977	+	11/2	-7/2	3	-0.0929431	-
9/2	-1/2	3	-0.3902463	+	11/2	-5/2	3	0.1469559	-
9/2	1/2	3	-0.2787473	+	11/2	-3/2	3	0.3369677	-
9/2	3/2	3	-0.1448414	+	11/2	-1/2	3	0.4444456	-
9/2	-13/2	4	0.4082483	+	11/2	1/2	3	0.4555973	-
9/2	-11/2	4	0.5188745	+	11/2	3/2	3	0.3752142	-
9/2	-9/2	4	0.5188745	+	11/2	5/2	3	0.2256213	-
9/2	-7/2	4	0.4516223	+	11/2	-13/2	4	-0.2656845	-
9/2	-5/2	4	0.3498251	+	11/2	-11/2	4	-0.4168401	-
9/2	-3/2	4	0.2389761	+	11/2	-9/2	4	-0.5033822	-
9/2	-1/2	4	0.1379729	+	11/2	-7/2	4	-0.5257656	-
9/2	1/2	4	0.0591312	+	11/2	-5/2	4	-0.4918087	-
11/2	-11/2	0	0.5656626	-	11/2	-3/2	4	-0.4147295	-
11/2	-9/2	0	0.1392565	-	11/2	-1/2	4	-0.3110471	-
11/2	-7/2	0	-0.2276632	-	11/2	1/2	4	-0.1987207	-
11/2	-5/2	0	-0.3859646	-	11/2	3/2	4	-0.0951303	-
11/2	-3/2	0	-0.3317330	-	13/2	-13/2	0	0.4833840	+
11/2	-1/2	0	-0.1282737	-	13/2	-11/2	0	-0.2602837	+
11/2	1/2	0	0.1282737	-	13/2	-9/2	0	-0.4462007	+
11/2	3/2	0	0.3317330	-	13/2	-7/2	0	-0.3109883	+
11/2	5/2	0	0.3859646	-	13/2	-5/2	0	-0.0439440	+
11/2	7/2	0	0.2276632	-	13/2	-3/2	0	0.2129594	+
11/2	9/2	0	-0.1392565	-	13/2	-1/2	0	0.3650733	+
11/2	11/2	0	-0.5656626	-	13/2	1/2	0	0.3650733	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					13/2	-1/2	4	0.4849299 +	
					13/2	1/2	4	0.3979586 +	
13/2	3/2	0	0.2129594 +		13/2	3/2	4	0.2813992 +	
13/2	5/2	0	-0.0439440 +		13/2	5/2	4	0.1512475 +	
13/2	7/2	0	-0.3109883 +		15/2	-13/2	0	-0.6273220 -	
13/2	9/2	0	-0.4462007 +		15/2	-11/2	0	-0.2630448 -	
13/2	11/2	0	-0.2602837 +		15/2	-9/2	0	0.1160715 -	
13/2	13/2	0	0.4833840 +		15/2	-7/2	0	0.3538573 -	
13/2	-13/2	1	0.5995641 +		15/2	-5/2	0	0.4145200 -	
13/2	-11/2	1	0.2036618 +		15/2	-3/2	0	0.3187785 -	
13/2	-9/2	1	-0.1736834 +		15/2	-1/2	0	0.1184454 -	
13/2	-7/2	1	-0.3776577 +		15/2	1/2	0	-0.1184454 -	
13/2	-5/2	1	-0.3853551 +		15/2	3/2	0	-0.3187785 -	
13/2	-3/2	1	-0.2356538 +		15/2	5/2	0	-0.4145200 -	
13/2	-1/2	1	0.0000000 +		15/2	7/2	0	-0.3538573 -	
13/2	1/2	1	0.2356538 +		15/2	9/2	0	-0.1160715 -	
13/2	3/2	1	0.3853551 +		15/2	11/2	0	0.2630448 -	
13/2	5/2	1	0.3776577 +		15/2	13/2	0	0.6273220 -	
13/2	7/2	1	0.1736834 +		15/2	-13/2	1	-0.5301838 -	
13/2	9/2	1	-0.2036618 +		15/2	-11/2	1	-0.4944721 -	
13/2	11/2	1	-0.5995641 +		15/2	-9/2	1	-0.2747207 -	
13/2	-13/2	2	0.5192378 +		15/2	-7/2	1	0.0005862 -	
13/2	-11/2	2	0.4763117 +		15/2	-5/2	1	0.2398019 -	
13/2	-9/2	2	0.2524391 +		15/2	-3/2	1	0.3822809 -	
13/2	-7/2	2	-0.0226758 +		15/2	-1/2	1	0.3972780 -	
13/2	-5/2	2	-0.2566809 +		15/2	1/2	1	0.2836298 -	
13/2	-3/2	2	-0.3888089 +		15/2	3/2	1	0.0696394 -	
13/2	-1/2	2	-0.3888089 +		15/2	5/2	1	-0.1869738 -	
13/2	1/2	2	-0.2566809 +		15/2	7/2	1	-0.3990968 -	
13/2	3/2	2	-0.0226758 +		15/2	9/2	1	-0.4502362 -	
13/2	5/2	2	0.2524391 +		15/2	11/2	1	-0.1945243 -	
13/2	7/2	2	0.4763117 +		15/2	13/2	1	0.5432768 -	
13/2	9/2	2	0.5192378 +		15/2	-13/2	2	-0.3601890 -	
13/2	-13/2	3	0.3381998 +		15/2	-11/2	2	-0.4902494 -	
13/2	-11/2	3	0.4745933 +		15/2	-9/2	2	-0.4810096 -	
13/2	-9/2	3	0.4873977 +		15/2	-7/2	2	-0.3564052 -	
13/2	-7/2	3	0.3918825 +		15/2	-5/2	2	-0.1558110 -	
13/2	-5/2	3	0.2168672 +		15/2	-3/2	2	0.0720836 -	
13/2	-3/2	3	0.0000000 +		15/2	-1/2	2	0.2752737 -	
13/2	-1/2	3	-0.2168672 +		15/2	1/2	2	0.4041142 -	
13/2	1/2	3	-0.3918825 +		15/2	3/2	2	0.4173621 -	
13/2	3/2	3	-0.4873977 +		15/2	5/2	2	0.2896115 -	
13/2	5/2	3	-0.4745933 +		15/2	7/2	2	0.0221681 -	
13/2	7/2	3	-0.3381998 +		15/2	9/2	2	-0.3369259 -	
13/2	-13/2	4	0.1512475 +		15/2	11/2	2	-0.6392720 -	
13/2	-11/2	4	0.2813992 +		15/2	-13/2	3	-0.1945243 -	
13/2	-9/2	4	0.3979586 +		15/2	-11/2	3	-0.3419154 -	
13/2	-7/2	4	0.4849299 +		15/2	-9/2	3	-0.4485960 -	
13/2	-5/2	4	0.5312141 +		15/2	-7/2	3	-0.4926810 -	
13/2	-3/2	4	0.5312141 +		15/2	-5/2	3	-0.4623724 -	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					17/2	-9/2	2	0.4525770	+
					17/2	-7/2	2	0.4960789	+
15/2	-3/2	3	-0.3567955	-	17/2	-5/2	2	0.4648902	+
15/2	-1/2	3	-0.1861578	-	17/2	-3/2	2	0.3591090	+
15/2	1/2	3	0.0281752	-	17/2	-1/2	2	0.1903232	+
15/2	3/2	3	0.2535765	-	17/2	1/2	2	-0.0183525	+
15/2	5/2	3	0.4459040	-	17/2	3/2	2	-0.2322639	+
15/2	7/2	3	0.5486325	-	17/2	5/2	2	-0.4052126	+
15/2	9/2	3	0.4882521	-	17/2	7/2	2	-0.4794540	+
15/2	-13/2	4	-0.0741887	-	17/2	9/2	2	-0.3856963	+
15/2	-11/2	4	-0.1593828	-	17/2	11/2	2	-0.0430997	+
15/2	-9/2	4	-0.2582296	-	17/2	13/2	2	0.6407233	+
15/2	-7/2	4	-0.3596161	-	17/2	-13/2	3	0.0914283	+
15/2	-5/2	4	-0.4513146	-	17/2	-11/2	3	0.1912593	+
15/2	-3/2	4	-0.5211332	-	17/2	-9/2	3	0.2997578	+
15/2	-1/2	4	-0.5578398	-	17/2	-7/2	3	0.4000476	+
15/2	1/2	4	-0.5521182	-	17/2	-5/2	3	0.4743981	+
15/2	3/2	4	-0.4976726	-	17/2	-3/2	3	0.5060247	+
15/2	5/2	4	-0.3925694	-	17/2	-1/2	3	0.4806818	+
15/2	7/2	4	-0.2403987	-	17/2	1/2	3	0.3884496	+
17/2	-13/2	0	0.5212215	+	17/2	3/2	3	0.2260168	+
17/2	-11/2	0	0.5387464	+	17/2	5/2	3	0.0000000	+
17/2	-9/2	0	0.3762051	+	17/2	7/2	3	-0.2674267	+
17/2	-7/2	0	0.1340278	+	17/2	9/2	3	-0.5266872	+
17/2	-5/2	0	-0.1123858	+	17/2	11/2	3	-0.6649100	+
17/2	-3/2	0	-0.3073870	+	17/2	-13/2	4	0.0304761	+
17/2	-1/2	0	-0.4140886	+	17/2	-11/2	4	0.0741708	+
17/2	1/2	0	-0.4140886	+	17/2	-9/2	4	0.1354168	+
17/2	3/2	0	-0.3073870	+	17/2	-7/2	4	0.2121573	+
17/2	5/2	0	-0.1123858	+	17/2	-5/2	4	0.3000357	+
17/2	7/2	0	0.1340278	+	17/2	-3/2	4	0.3924751	+
17/2	9/2	0	0.3762051	+	17/2	-1/2	4	0.4806818	+
17/2	11/2	0	0.5387464	+	17/2	1/2	4	0.5536258	+
17/2	13/2	0	0.5212215	+	17/2	3/2	4	0.5979842	+
17/2	-13/2	1	0.3474810	+	17/2	5/2	4	0.5979842	+
17/2	-11/2	1	0.4893831	+	17/2	7/2	4	0.5348534	+
17/2	-9/2	1	0.5060516	+	17/2	9/2	4	0.3838859	+
17/2	-7/2	1	0.4132374	+	19/2	-13/2	0	-0.2990640	-
17/2	-5/2	1	0.2405638	+	19/2	-11/2	0	-0.4561999	-
17/2	-3/2	1	0.0267293	+	19/2	-9/2	0	-0.5278615	-
17/2	-1/2	1	-0.1851861	+	19/2	-7/2	0	-0.5146629	-
17/2	1/2	1	-0.3519753	+	19/2	-5/2	0	-0.4265227	-
17/2	3/2	1	-0.4345583	+	19/2	-3/2	0	-0.2803393	-
17/2	5/2	1	-0.4027810	+	19/2	-1/2	0	-0.0976016	-
17/2	7/2	1	-0.2416221	+	19/2	1/2	0	0.0976016	-
17/2	9/2	1	0.0393445	+	19/2	3/2	0	0.2803393	-
17/2	11/2	1	0.3878974	+	19/2	5/2	0	0.4265227	-
17/2	13/2	1	0.6592988	+	19/2	7/2	0	0.5146629	-
17/2	-13/2	2	0.1970032	+	19/2	9/2	0	0.5278615	-
17/2	-11/2	2	0.3456329	+	19/2	11/2	0	0.4561999	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					19/2	-3/2	4	-0.2188665	-
					19/2	-1/2	4	-0.3013557	-
19/2	13/2	0	0.2990640	-	19/2	1/2	4	-0.3945673	-
19/2	-13/2	1	-0.1671819	-	19/2	3/2	4	-0.4932091	-
19/2	-11/2	1	-0.3051840	-	19/2	5/2	4	-0.5881861	-
19/2	-9/2	1	-0.4206977	-	19/2	7/2	4	-0.6641557	-
19/2	-7/2	1	-0.4946192	-	19/2	9/2	4	-0.6936880	-
19/2	-5/2	1	-0.5139554	-	19/2	11/2	4	-0.6172134	-
19/2	-3/2	1	-0.4725118	-	J1 = 7				
19/2	-1/2	1	-0.3710146	-	3	-3	0	0.1806489	+
19/2	1/2	1	-0.2171499	-	3	-2	0	0.3128931	+
19/2	3/2	1	-0.0255914	-	3	-1	0	0.4039433	+
19/2	5/2	1	0.1819608	-	3	0	0	0.4363086	+
19/2	7/2	1	0.3766947	-	3	1	0	0.4039433	+
19/2	9/2	1	0.5224575	-	3	2	0	0.3128931	+
19/2	11/2	1	0.5749620	-	3	3	0	0.1806489	+
19/2	13/2	1	0.4775669	-	3	-4	1	-0.2679457	+
19/2	-13/2	2	-0.0819021	-	3	-3	1	-0.3957820	+
19/2	-11/2	2	-0.1734928	-	3	-2	1	-0.4424977	+
19/2	-9/2	2	-0.2762028	-	3	-1	1	-0.4171908	+
19/2	-7/2	2	-0.3761147	-	3	0	1	-0.3379632	+
19/2	-5/2	2	-0.4582255	-	3	1	1	-0.2285048	+
19/2	-3/2	2	-0.5078568	-	3	2	1	-0.1142524	+
19/2	-1/2	2	-0.5118273	-	3	-5	2	0.3789324	+
19/2	1/2	2	-0.4596957	-	3	-4	2	0.4640955	+
19/2	3/2	2	-0.3452464	-	3	-3	2	0.4424977	+
19/2	5/2	2	-0.1684630	-	3	-2	2	0.3612978	+
19/2	7/2	2	0.0615140	-	3	-1	2	0.2554762	+
19/2	9/2	2	0.3212463	-	3	0	2	0.1511417	+
19/2	11/2	2	0.5619515	-	3	1	2	0.0659637	+
19/2	13/2	2	0.6753816	-	3	-6	3	-0.5163978	+
19/2	-13/2	3	-0.0334364	-	3	-5	3	-0.4961389	+
19/2	-11/2	3	-0.0806872	-	3	-4	3	-0.3922323	+
19/2	-9/2	3	-0.1458203	-	3	-3	3	-0.2731155	+
19/2	-7/2	3	-0.2256276	-	3	-2	3	-0.1672484	+
19/2	-5/2	3	-0.3141517	-	3	-1	3	-0.0863667	+
19/2	-3/2	3	-0.4027810	-	3	0	3	-0.0329818	+
19/2	-1/2	3	-0.4802664	-	3	-7	4	0.6831301	+
19/2	1/2	3	-0.5327267	-	3	-6	4	0.4472136	+
19/2	3/2	3	-0.5436498	-	3	-5	4	0.2773501	+
19/2	5/2	3	-0.4938936	-	3	-4	4	0.1601282	+
19/2	7/2	3	-0.3616867	-	3	-3	4	0.0836242	+
19/2	9/2	3	-0.1226279	-	3	-2	4	0.0373979	+
19/2	11/2	3	0.2503131	-	3	-1	4	0.0124660	+
19/2	13/2	3	0.7867958	-	4	-4	0	0.3396831	-
19/2	-13/2	4	-0.0099139	-	4	-3	0	0.4345241	-
19/2	-11/2	4	-0.0269406	-	4	-2	0	0.3832142	-
19/2	-9/2	4	-0.0547166	-	4	-1	0	0.2212488	-
19/2	-7/2	4	-0.0952494	-					
19/2	-5/2	4	-0.1498477	-					

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					5	3	0	0.1688076	+
					5	4	0	0.4131015	+
4	0	0	0.0000000	-	5	5	0	0.4898782	+
4	1	0	-0.2212488	-	5	-6	1	-0.5585470	+
4	2	0	-0.3832142	-	5	-5	1	-0.2078377	+
4	3	0	-0.4345241	-	5	-4	1	0.1415204	+
4	4	0	-0.3396831	-	5	-3	1	0.3457190	+
4	-5	1	-0.4557327	-	5	-2	1	0.3760355	+
4	-4	1	-0.4296689	-	5	-1	1	0.2578579	+
4	-3	1	-0.2423660	-	5	0	1	0.0459523	+
4	-2	1	0.0000000	-	5	1	1	-0.1903172	+
4	-1	1	0.2212488	-	5	2	1	-0.3783135	+
4	0	1	0.3702201	-	5	3	1	-0.4525836	+
4	1	1	0.4197902	-	5	4	1	-0.3651336	+
4	2	1	0.3664229	-	5	-7	2	0.4925922	+
4	3	1	0.2290143	-	5	-6	2	-0.1665266	+
4	-6	2	0.5477226	-	5	-5	2	-0.4079777	+
4	-5	2	0.3038218	-	5	-4	2	-0.3771084	+
4	-4	2	0.0000000	-	5	-3	2	-0.1955385	+
4	-3	2	-0.2423660	-	5	-2	2	0.0388368	+
4	-2	2	-0.3832142	-	5	-1	2	0.2518409	+
4	-1	2	-0.4197902	-	5	0	2	0.3930006	+
4	0	2	-0.3702201	-	5	1	2	0.4354988	+
4	1	2	-0.2644429	-	5	2	2	0.3759925	+
4	2	2	-0.1374086	-	5	3	2	0.2335402	+
4	-7	3	-0.5477226	-	5	-7	3	0.5828429	+
4	-6	3	0.0000000	-	5	-6	3	0.3671565	+
4	-5	3	0.3038218	-	5	-5	3	0.0705505	+
4	-4	3	0.4296689	-	5	-4	3	-0.1866591	+
4	-3	3	0.4345241	-	5	-3	3	-0.3596336	+
4	-2	3	0.3664229	-	5	-2	3	-0.4377545	+
4	-1	3	0.2644429	-	5	-1	3	-0.4298444	+
4	0	3	0.1586658	-	5	0	3	-0.3564390	+
4	1	3	0.0699650	-	5	1	3	-0.2446255	+
4	-7	4	-0.5477226	-	5	2	3	-0.1235779	+
4	-6	4	-0.5477226	-	5	-7	4	0.3885620	+
4	-5	4	-0.4557327	-	5	-6	4	0.5087470	+
4	-4	4	-0.3396831	-	5	-5	4	0.5279517	+
4	-3	4	-0.2290143	-	5	-4	4	0.4819518	+
4	-2	4	-0.1374086	-	5	-3	4	0.3979586	+
4	-1	4	-0.0699650	-	5	-2	4	0.2978049	+
4	0	4	-0.0264443	-	5	-1	4	0.1985366	+
5	-5	0	0.4898782	+	5	0	4	0.1125597	+
5	-4	0	0.4131015	+	5	1	4	0.0475651	+
5	-3	0	0.1688076	+	6	-6	0	0.5777544	-
5	-2	0	-0.1016986	+	6	-5	0	0.1962534	-
5	-1	0	-0.3020793	+	6	-4	0	-0.1673655	-
5	0	0	-0.3751990	+	6	-3	0	-0.3639201	-
5	1	0	-0.3020793	+	6	-2	0	-0.3713375	-
5	2	0	-0.1016986	+	6	-1	0	-0.2270817	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					6	-2	4	-0.4578490	-
					6	-1	4	-0.3738321	-
	6	0	0	0.0000000	6	0	4	-0.2736171	-
	6	1	0	0.2270817	6	1	4	-0.1714986	-
	6	2	0	0.3713375	6	2	4	-0.0808452	-
	6	3	0	0.3639201	7	-7	0	0.5081889	+
	6	4	0	0.1673655	7	-6	0	-0.2177952	+
	6	5	0	-0.1962534	7	-5	0	-0.4411750	+
	6	6	0	-0.5777544	7	-4	0	-0.3574076	+
	6	-7	1	-0.4833840	7	-3	0	-0.1264126	+
	6	-6	1	0.2237633	7	-2	0	0.1274280	+
	6	-5	1	0.4303767	7	-1	0	0.3152700	+
	6	-4	1	0.3348007	7	0	0	0.3838070	+
	6	-3	1	0.0988861	7	1	0	0.3152700	+
	6	-2	1	-0.1520172	7	2	0	0.1274280	+
	6	-1	1	-0.3290726	7	3	0	-0.1264126	+
	6	0	1	-0.3799803	7	4	0	-0.3574076	+
	6	1	1	-0.2890278	7	5	0	-0.4411750	+
	6	2	1	-0.0772067	7	6	0	-0.2177952	+
	6	3	1	0.1974661	7	7	0	0.5081889	+
	6	4	1	0.4388360	7	-7	1	0.6074019	+
	6	5	1	0.5067242	7	-6	1	0.2546921	+
	6	-7	2	-0.5920221	7	-5	1	-0.1123858	+
	6	-6	2	-0.2698687	7	-4	1	-0.3426209	+
	6	-5	2	0.0821342	7	-3	1	-0.4013572	+
	6	-4	2	0.3188741	7	-2	1	-0.3086560	+
	6	-3	2	0.4007727	7	-1	1	-0.1146843	+
	6	-2	2	0.3377603	7	0	1	0.1146843	+
	6	-1	2	0.1675556	7	1	1	0.3086560	+
	6	0	2	-0.0566441	7	2	1	0.4013572	+
	6	1	2	-0.2750211	7	3	1	0.3426209	+
	6	2	2	-0.4287836	7	4	1	0.1123858	+
	6	3	2	-0.4678007	7	5	1	-0.2546921	+
	6	4	2	-0.3583081	7	6	1	-0.6074019	+
	6	-7	3	-0.4722703	7	-7	2	0.5053889	+
	6	-6	3	-0.5069775	7	-6	2	0.4952599	+
	6	-5	3	-0.3796283	7	-5	2	0.3088271	+
	6	-4	3	-0.1714986	7	-4	2	0.0564760	+
	6	-3	3	0.0558519	7	-3	2	-0.1807445	+
	6	-2	3	0.2559453	7	-2	2	-0.3457790	+
	6	-1	3	0.3965088	7	-1	2	-0.4045681	+
	6	0	3	0.4592096	7	0	2	-0.3457790	+
	6	1	3	0.4395245	7	1	2	-0.1807445	+
	6	2	3	0.3465516	7	2	2	0.0564760	+
	6	3	3	0.2021130	7	3	2	0.3088271	+
	6	-7	4	-0.2438793	7	4	2	0.4952599	+
	6	-6	4	-0.3910769	7	5	2	0.5053889	+
	6	-5	4	-0.4850713	7	-7	3	0.3151654	+
	6	-4	4	-0.5239368	7	-6	3	0.4571415	+
	6	-3	4	-0.5118907	7	-5	3	0.4930654	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					8	6	1	-0.1510199	-
					8	7	1	0.5650648	-
7	-4	3	0.4313423	+	8	-7	2	-0.3376908	-
7	-3	3	0.2919719	+	8	-6	2	-0.4755949	-
7	-2	3	0.1029980	+	8	-5	2	-0.4917937	-
7	-1	3	-0.1029980	+	8	-4	2	-0.4015946	-
7	0	3	-0.2919719	+	8	-3	2	-0.2337860	-
7	1	3	-0.4313423	+	8	-2	2	-0.0259762	-
7	2	3	-0.4930654	+	8	-1	2	0.1799685	-
7	3	3	-0.4571415	+	8	0	2	0.3420585	-
7	4	3	-0.3151654	+	8	1	2	0.4223147	-
7	-7	4	0.1343870	+	8	2	2	0.3914327	-
7	-6	4	0.2539675	+	8	3	2	0.2348145	-
7	-5	4	0.3660061	+	8	4	2	-0.0382360	-
7	-4	4	0.4564898	+	8	5	2	-0.3769685	-
7	-3	4	0.5149900	+	8	6	2	-0.6407233	-
7	-2	4	0.5351933	+	8	-7	3	-0.1752192	-
7	-1	4	0.5149900	+	8	-6	3	-0.3143730	-
7	0	4	0.4564898	+	8	-5	3	-0.4238185	-
7	1	4	0.3660061	+	8	-4	3	-0.4835346	-
7	2	4	0.2539675	+	8	-3	3	-0.4810863	-
7	3	4	0.1343870	+	8	-2	3	-0.4123597	-
8	-7	0	-0.6317617	-	8	-1	3	-0.2816953	-
8	-6	0	-0.3082681	-	8	0	3	-0.1019380	-
8	-5	0	0.0559717	-	8	1	3	0.1055159	-
8	-4	0	0.3104752	-	8	2	3	0.3106304	-
8	-3	0	0.4121063	-	8	3	3	0.4744957	-
8	-2	0	0.3679491	-	8	4	3	0.5485227	-
8	-1	0	0.2134164	-	8	5	3	0.4701623	-
8	0	0	0.0000000	-	8	-7	4	-0.0639810	-
8	1	0	-0.2134164	-	8	-6	4	-0.1389181	-
8	2	0	-0.3679491	-	8	-5	4	-0.2279404	-
8	3	0	-0.4121063	-	8	-4	4	-0.3223564	-
8	4	0	-0.3104752	-	8	-3	4	-0.4123597	-
8	5	0	-0.0559717	-	8	-2	4	-0.4879105	-
8	6	0	0.3082681	-	8	-1	4	-0.5394054	-
8	7	0	0.6317617	-	8	0	4	-0.5583376	-
8	-7	1	-0.5158312	-	8	1	4	-0.5380276	-
8	-6	1	-0.5105405	-	8	2	4	-0.4744957	-
8	-5	1	-0.3262945	-	8	3	4	-0.3675428	-
8	-4	1	-0.0734937	-	8	4	4	-0.2216367	-
8	-3	1	0.1668497	-	9	-7	0	0.5048782	+
8	-2	1	0.3376908	-	9	-6	0	0.5453307	+
8	-1	1	0.4049291	-	9	-5	0	0.4142084	+
8	0	1	0.3571139	-	9	-4	0	0.1980295	+
8	1	1	0.2053366	-	9	-3	0	-0.0371834	+
8	2	1	-0.0168154	-	9	-2	0	-0.2409759	+
8	3	1	-0.2532800	-	9	-1	0	-0.3775367	+
8	4	1	-0.4255322	-	9	0	0	-0.4254356	+
8	5	1	-0.4325905	-	9	1	0	-0.3775367	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 7					9	5	3	-0.5477226	+	
					9	6	3	-0.6582806	+	
	9	2	0	-0.2409759	+	9	-7	4	0.0255655	+
	9	3	0	-0.0371834	+	9	-6	4	0.0626224	+
	9	4	0	0.1980295	+	9	-5	4	0.1152085	+
	9	5	0	0.4142084	+	9	-4	4	0.1821607	+
	9	6	0	0.5453307	+	9	-3	4	0.2605251	+
	9	7	0	0.5048782	+	9	-2	4	0.3456255	+
	9	-7	1	0.3258975	+	9	-1	4	0.4310708	+
	9	-6	1	0.4722703	+	9	0	4	0.5087470	+
	9	-5	1	0.5092286	+	9	1	4	0.5687965	+
	9	-4	1	0.4462288	+	9	2	4	0.5995641	+
	9	-3	1	0.3048131	+	9	3	4	0.5874505	+
	9	-2	1	0.1148808	+	9	4	4	0.5163978	+
	9	-1	1	-0.0889862	+	9	5	4	0.3651484	+
	9	0	1	-0.2707456	+	10	-7	0	-0.2795531	-
	9	1	1	-0.3959638	+	10	-6	0	-0.4348976	-
	9	2	1	-0.4350615	+	10	-5	0	-0.5165204	-
	9	3	1	-0.3671565	+	10	-4	0	-0.5226819	-
	9	4	1	-0.1852396	+	10	-3	0	-0.4596741	-
	9	5	1	0.0956573	+	10	-2	0	-0.3399751	-
	9	6	1	0.4224114	+	10	-1	0	-0.1802990	-
	9	7	1	0.6582806	+	10	0	0	0.0000000	-
	9	-7	2	0.1785014	+	10	1	0	0.1802990	-
	9	-6	2	0.3193130	+	10	2	0	0.3399751	-
	9	-5	2	0.4289809	+	10	3	0	0.4596741	-
	9	-4	2	0.4873977	+	10	4	0	0.5226819	-
	9	-3	2	0.4824992	+	10	5	0	0.5165204	-
	9	-2	2	0.4110099	+	10	6	0	0.4348976	-
	9	-1	2	0.2785710	+	10	7	0	0.2795531	-
	9	0	2	0.0997735	+	10	-7	1	-0.1516089	-
	9	1	2	-0.1018309	+	10	-6	1	-0.2808714	-
	9	2	2	-0.2937252	+	10	-5	1	-0.3944539	-
	9	3	2	-0.4344255	+	10	-4	1	-0.4751988	-
	9	4	2	-0.4734797	+	10	-3	1	-0.5106705	-
	9	5	2	-0.3514675	+	10	-2	1	-0.4937692	-
	9	6	2	0.0000000	+	10	-1	1	-0.4228387	-
	9	7	2	0.6582806	+	10	0	1	-0.3016980	-
	9	-7	3	0.0798282	+	10	1	1	-0.1396590	-
	9	-6	3	0.1690999	+	10	2	1	0.0484539	-
	9	-5	3	0.2692092	+	10	3	1	0.2422695	-
	9	-4	3	0.3665912	+	10	4	1	0.4157909	-
	9	-3	3	0.4466230	+	10	5	1	0.5371812	-
	9	-2	3	0.4949976	+	10	6	1	0.5680207	-
	9	-1	3	0.4988675	+	10	7	1	0.4593526	-
	9	0	3	0.4480560	+	10	-7	2	-0.0719144	-
	9	1	3	0.3365045	+	10	-6	2	-0.1539729	-
	9	2	3	0.1641974	+	10	-5	2	-0.2483599	-
	9	3	3	-0.0599564	+	10	-4	2	-0.3438168	-
	9	4	3	-0.3131121	+	10	-3	2	-0.4279333	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					7/2	5/2	0	0.2856310	+
					7/2	7/2	0	0.1601282	+
10	-2	2	-0.4882521	-	7/2	-9/2	1	-0.2480695	+
10	-1	2	-0.5131400	-	7/2	-7/2	1	-0.3789324	+
10	0	2	-0.4926707	-	7/2	-5/2	1	-0.4424977	+
10	1	2	-0.4196232	-	7/2	-3/2	1	-0.4424977	+
10	2	2	-0.2907234	-	7/2	-1/2	1	-0.3902463	+
10	3	2	-0.1083462	-	7/2	1/2	1	-0.3022835	+
10	4	2	0.1168752	-	7/2	3/2	1	-0.1978910	+
10	5	2	0.3614167	-	7/2	5/2	1	-0.0965609	+
10	6	2	0.5787298	-	7/2	-11/2	2	0.3651484	+
10	7	2	0.6674238	-	7/2	-9/2	2	0.4640955	+
10	-7	3	-0.0283634	-	7/2	-7/2	2	0.4640955	+
10	-6	3	-0.0689167	-	7/2	-5/2	2	0.4039433	+
10	-5	3	-0.1255815	-	7/2	-3/2	2	0.3128931	+
10	-4	3	-0.1962927	-	7/2	-1/2	2	0.2137467	+
10	-3	3	-0.2768129	-	7/2	1/2	2	0.1234067	+
10	-2	3	-0.3608126	-	7/2	3/2	2	0.0528886	+
10	-1	3	-0.4398846	-	7/2	-13/2	3	-0.5163978	+
10	0	3	-0.5035478	-	7/2	-11/2	3	-0.5163978	+
10	1	3	-0.5392490	-	7/2	-9/2	3	-0.4296689	+
10	2	3	-0.5323633	-	7/2	-7/2	3	-0.3202563	+
10	3	3	-0.4661947	-	7/2	-5/2	3	-0.2159168	+
10	4	3	-0.3219756	-	7/2	-3/2	3	-0.1295501	+
10	5	3	-0.0788676	-	7/2	-1/2	3	-0.0659637	+
10	6	3	0.2860388	-	7/2	1/2	3	-0.0249319	+
10	7	3	0.7977240	-	7/2	-15/2	4	0.7071068	+
10	-7	4	-0.0081038	-	7/2	-13/2	4	0.4830459	+
10	-6	4	-0.0220873	-	7/2	-11/2	4	0.3162278	+
10	-5	4	-0.0450162	-	7/2	-9/2	4	0.1961161	+
10	-4	4	-0.0786889	-	7/2	-7/2	4	0.1132277	+
10	-3	4	-0.1244182	-	7/2	-5/2	4	0.0591312	+
10	-2	4	-0.1828566	-	7/2	-3/2	4	0.0264443	+
10	-1	4	-0.2537642	-	7/2	-1/2	4	0.0088148	+
10	0	4	-0.3356985	-	9/2	-9/2	0	0.3190767	-
10	1	4	-0.4255756	-	9/2	-7/2	0	0.4298444	-
10	2	4	-0.5179941	-	9/2	-5/2	0	0.4140015	-
10	3	4	-0.6040797	-	9/2	-3/2	0	0.2939119	-
10	4	4	-0.6692136	-	9/2	-1/2	0	0.1058204	-
10	5	4	-0.6875517	-	9/2	1/2	0	-0.1058204	-
10	6	4	-0.6030227	-	9/2	3/2	0	-0.2939119	-
					9/2	5/2	0	-0.4140015	-
J1 = 15/2					9/2	7/2	0	-0.4298444	-
					9/2	9/2	0	-0.3190767	-
7/2	-7/2	0	0.1601282	+	9/2	-11/2	1	-0.4455664	-
7/2	-5/2	0	0.2856310	+	9/2	-9/2	1	-0.4518689	-
7/2	-3/2	0	0.3832142	+	9/2	-7/2	1	-0.3020793	-
7/2	-1/2	0	0.4363086	+	9/2	-5/2	1	-0.0848451	-
7/2	1/2	0	0.4363086	+	9/2	-3/2	1	0.1341518	-
7/2	3/2	0	0.3832142	+	9/2	-1/2	1	0.3076080	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					11/2	-7/2	1	0.3063643	+
					11/2	-5/2	1	0.3850500	+
9/2	1/2	1	0.4057215	-	11/2	-3/2	1	0.3245096	+
9/2	3/2	1	0.4159015	-	11/2	-1/2	1	0.1609822	+
9/2	5/2	1	0.3425221	-	11/2	1/2	1	-0.0544219	+
9/2	7/2	1	0.2059631	-	11/2	3/2	1	-0.2642317	+
9/2	-13/2	2	0.5557189	-	11/2	5/2	1	-0.4119619	+
9/2	-11/2	2	0.3500700	-	11/2	7/2	1	-0.4494484	+
9/2	-9/2	2	0.0672673	-	11/2	9/2	1	-0.3442513	+
9/2	-7/2	2	-0.1779725	-	11/2	-15/2	2	0.5192378	+
9/2	-5/2	2	-0.3428972	-	11/2	-13/2	2	-0.1212678	+
9/2	-3/2	2	-0.4173825	-	11/2	-11/2	2	-0.3894620	+
9/2	-1/2	2	-0.4098406	-	11/2	-9/2	2	-0.4036437	+
9/2	1/2	2	-0.3398513	-	11/2	-7/2	2	-0.2645873	+
9/2	3/2	2	-0.2332413	-	11/2	-5/2	2	-0.0555441	+
9/2	5/2	2	-0.1178269	-	11/2	-3/2	2	0.1577558	+
9/2	-15/2	3	-0.5752237	-	11/2	-1/2	2	0.3270979	+
9/2	-13/2	3	-0.0495074	-	11/2	1/2	2	0.4217698	+
9/2	-11/2	3	0.2619684	-	11/2	3/2	2	0.4285197	+
9/2	-9/2	3	0.4119263	-	11/2	5/2	2	0.3513964	+
9/2	-7/2	3	0.4466230	-	11/2	7/2	2	0.2108100	+
9/2	-5/2	3	0.4058482	-	11/2	-15/2	3	0.5857792	+
9/2	-3/2	3	0.3229212	-	11/2	-13/2	3	0.4058397	+
9/2	-1/2	3	0.2246824	-	11/2	-11/2	3	0.1328422	+
9/2	1/2	3	0.1314631	-	11/2	-9/2	3	-0.1203314	+
9/2	3/2	3	0.0569158	-	11/2	-7/2	3	-0.3082574	+
9/2	-15/2	4	-0.5423261	-	11/2	-5/2	3	-0.4156542	+
9/2	-13/2	4	-0.5601120	-	11/2	-3/2	3	-0.4444456	+
9/2	-11/2	4	-0.4850713	-	11/2	-1/2	3	-0.4072563	+
9/2	-9/2	4	-0.3805212	-	11/2	1/2	3	-0.3233031	+
9/2	-7/2	4	-0.2746175	-	11/2	3/2	3	-0.2152808	+
9/2	-5/2	4	-0.1814064	-	11/2	5/2	3	-0.1063589	+
9/2	-3/2	4	-0.1073215	-	11/2	-15/2	4	0.3704793	+
9/2	-1/2	4	-0.0540849	-	11/2	-13/2	4	0.4970501	+
9/2	1/2	4	-0.0202818	-	11/2	-11/2	4	0.5313689	+
11/2	-11/2	0	0.4807207	+	11/2	-9/2	4	0.5033822	+
11/2	-9/2	0	0.4409789	+	11/2	-7/2	4	0.4359418	+
11/2	-7/2	0	0.2337132	+	11/2	-5/2	4	0.3477612	+
11/2	-5/2	0	-0.0209937	+	11/2	-3/2	4	0.2539689	+
11/2	-3/2	0	-0.2376404	+	11/2	-1/2	4	0.1662617	+
11/2	-1/2	0	-0.3599671	+	11/2	1/2	4	0.0929431	+
11/2	1/2	0	-0.3599671	+	11/2	3/2	4	0.0388368	+
11/2	3/2	0	-0.2376404	+	13/2	-13/2	0	0.5868060	-
11/2	5/2	0	-0.0209937	+	13/2	-11/2	0	0.2460559	-
11/2	7/2	0	0.2337132	+	13/2	-9/2	0	-0.1085750	-
11/2	9/2	0	0.4409789	+	13/2	-7/2	0	-0.3310032	-
11/2	11/2	0	0.4807207	+	13/2	-5/2	0	-0.3877479	-
11/2	-13/2	1	-0.5687965	+	13/2	-3/2	0	-0.2981900	-
11/2	-11/2	1	-0.2592815	+	13/2	-1/2	0	-0.1107955	-
11/2	-9/2	1	0.0789120	+	13/2	1/2	0	0.1107955	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					13/2	-9/2	4	-0.5164593	-
					13/2	-7/2	4	-0.5218113	-
13/2	3/2	0	0.2981900	-	13/2	-5/2	4	-0.4874755	-
13/2	5/2	0	0.3877479	-	13/2	-3/2	4	-0.4221661	-
13/2	7/2	0	0.3310032	-	13/2	-1/2	4	-0.3363900	-
13/2	9/2	0	0.1085750	-	13/2	1/2	4	-0.2415517	-
13/2	11/2	0	-0.2460559	-	13/2	3/2	4	-0.1490889	-
13/2	13/2	0	-0.5868060	-	13/2	5/2	4	-0.0693971	-
13/2	-15/2	1	-0.5081889	-	15/2	-15/2	0	0.5307860	+
13/2	-13/2	1	0.1819608	-	15/2	-13/2	0	-0.1769287	+
13/2	-11/2	1	0.4211574	-	15/2	-11/2	0	-0.4296839	+
13/2	-9/2	1	0.3733209	-	15/2	-9/2	0	-0.3907985	+
13/2	-7/2	1	0.1748980	-	15/2	-7/2	0	-0.1963714	+
13/2	-5/2	1	-0.0651417	-	15/2	-5/2	0	0.0447182	+
13/2	-3/2	1	-0.2653114	-	15/2	-3/2	0	0.2508110	+
13/2	-1/2	1	-0.3716195	-	15/2	-1/2	0	0.3674672	+
13/2	1/2	1	-0.3575910	-	15/2	1/2	0	0.3674672	+
13/2	3/2	1	-0.2243141	-	15/2	3/2	0	0.2508110	+
13/2	5/2	1	-0.0005484	-	15/2	5/2	0	0.0447182	+
13/2	7/2	1	0.2569777	-	15/2	7/2	0	-0.1963714	+
13/2	9/2	1	0.4625363	-	15/2	9/2	0	-0.3907985	+
13/2	11/2	1	0.4959416	-	15/2	11/2	0	-0.4296839	+
13/2	-15/2	2	-0.5979842	-	15/2	13/2	0	-0.1769287	+
13/2	-13/2	2	-0.3151654	-	15/2	15/2	0	0.5307860	+
13/2	-11/2	2	0.0207364	-	15/2	-15/2	1	0.6128988	+
13/2	-9/2	2	0.2709068	-	15/2	-13/2	1	0.2990640	+
13/2	-7/2	2	0.3904065	-	15/2	-11/2	1	-0.0543005	+
13/2	-5/2	2	0.3780142	-	15/2	-9/2	1	-0.3012052	+
13/2	-3/2	2	0.2574950	-	15/2	-7/2	1	-0.3998019	+
13/2	-1/2	2	0.0674280	-	15/2	-5/2	1	-0.3569631	+
13/2	1/2	2	-0.1457478	-	15/2	-3/2	1	-0.2070443	+
13/2	3/2	2	-0.3333866	-	15/2	-1/2	1	0.0000000	+
13/2	5/2	2	-0.4499433	-	15/2	1/2	1	0.2070443	+
13/2	7/2	2	-0.4585863	-	15/2	3/2	1	0.3569631	+
13/2	9/2	2	-0.3369259	-	15/2	5/2	1	0.3998019	+
13/2	-15/2	3	-0.4567180	-	15/2	7/2	1	0.3012052	+
13/2	-13/2	3	-0.5131987	-	15/2	9/2	1	0.0543005	+
13/2	-11/2	3	-0.4171050	-	15/2	11/2	1	-0.2990640	+
13/2	-9/2	3	-0.2371991	-	15/2	13/2	1	-0.6128988	+
13/2	-7/2	3	-0.0263555	-	15/2	-15/2	2	0.4914123	+
13/2	-5/2	3	0.1741346	-	15/2	-13/2	2	0.5079350	+
13/2	-3/2	3	0.3337516	-	15/2	-11/2	2	0.3546896	+
13/2	-1/2	3	0.4325098	-	15/2	-9/2	2	0.1263627	+
13/2	1/2	3	0.4608609	-	15/2	-7/2	2	-0.1059583	+
13/2	3/2	3	0.4196232	-	15/2	-5/2	2	-0.2898073	+
13/2	5/2	3	0.3198326	-	15/2	-3/2	2	-0.3904065	+
13/2	7/2	3	0.1819608	-	15/2	-1/2	2	-0.3904065	+
13/2	-15/2	4	-0.2248724	-	15/2	1/2	2	-0.2898073	+
13/2	-13/2	4	-0.3672151	-	15/2	3/2	2	-0.1059583	+
13/2	-11/2	4	-0.4655301	-	15/2	5/2	2	0.1263627	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					17/2	-7/2	1	0.0956297	-
					17/2	-5/2	1	0.2828764	-
15/2	7/2	2	0.3546896	+	17/2	-3/2	1	0.3878821	-
15/2	9/2	2	0.5079350	+	17/2	-1/2	1	0.3935204	-
15/2	11/2	2	0.4914123	+	17/2	1/2	1	0.3002143	-
15/2	-15/2	3	0.2944271	+	17/2	3/2	1	0.1258929	-
15/2	-13/2	3	0.4389060	+	17/2	5/2	1	-0.0940287	-
15/2	-11/2	3	0.4921118	+	17/2	7/2	1	-0.3066598	-
15/2	-9/2	3	0.4577922	+	17/2	9/2	1	-0.4416406	-
15/2	-7/2	3	0.3496446	+	17/2	11/2	1	-0.4111450	-
15/2	-5/2	3	0.1885843	+	17/2	13/2	1	-0.1098831	-
15/2	-3/2	3	0.0000000	+	17/2	15/2	1	0.5848977	-
15/2	-1/2	3	-0.1885843	+	17/2	-15/2	2	-0.3172053	-
15/2	1/2	3	-0.3496446	+	17/2	-13/2	2	-0.4596741	-
15/2	3/2	3	-0.4577922	+	17/2	-11/2	2	-0.4956467	-
15/2	5/2	3	-0.4921118	+	17/2	-9/2	2	-0.4343272	-
15/2	7/2	3	-0.4389060	+	17/2	-7/2	2	-0.2966833	-
15/2	9/2	3	-0.2944271	+	17/2	-5/2	2	-0.1118167	-
15/2	-15/2	4	0.1201994	+	17/2	-3/2	2	0.0866129	-
15/2	-13/2	4	0.2301642	+	17/2	-1/2	2	0.2635244	-
15/2	-11/2	4	0.3369259	+	17/2	1/2	2	0.3854029	-
15/2	-9/2	4	0.4282254	+	17/2	3/2	2	0.4234578	-
15/2	-7/2	4	0.4944721	+	17/2	5/2	2	0.3573639	-
15/2	-5/2	4	0.5292133	+	17/2	7/2	2	0.1802990	-
15/2	-3/2	4	0.5292133	+	17/2	9/2	2	-0.0931060	-
15/2	-1/2	4	0.4944721	+	17/2	11/2	2	-0.4111450	-
15/2	1/2	4	0.4282254	+	17/2	13/2	2	-0.6407233	-
15/2	3/2	4	0.3369259	+	17/2	-15/2	3	-0.1586026	-
15/2	5/2	4	0.2301642	+	17/2	-13/2	3	-0.2895229	-
15/2	7/2	4	0.1201994	+	17/2	-11/2	3	-0.3991089	-
17/2	-15/2	0	-0.6344106	-	17/2	-9/2	3	-0.4692370	-
17/2	-13/2	0	-0.3474810	-	17/2	-7/2	3	-0.4875809	-
17/2	-11/2	0	0.0000000	-	17/2	-5/2	3	-0.4482641	-
17/2	-9/2	0	0.2639308	-	17/2	-3/2	3	-0.3519753	-
17/2	-7/2	0	0.3969100	-	17/2	-1/2	3	-0.2060065	-
17/2	-5/2	0	0.3964597	-	17/2	1/2	3	-0.0242781	-
17/2	-3/2	0	0.2858078	-	17/2	3/2	3	0.1726232	-
17/2	-1/2	0	0.1035222	-	17/2	5/2	3	0.3573639	-
17/2	1/2	0	-0.1035222	-	17/2	7/2	3	0.4956467	-
17/2	3/2	0	-0.2858078	-	17/2	9/2	3	0.5454569	-
17/2	5/2	0	-0.3964597	-	17/2	11/2	3	0.4530598	-
17/2	7/2	0	-0.3969100	-	17/2	-15/2	4	-0.0556415	-
17/2	9/2	0	-0.2639308	-	17/2	-13/2	4	-0.1219044	-
17/2	11/2	0	0.0000000	-	17/2	-11/2	4	-0.2021556	-
17/2	13/2	0	0.3474810	-	17/2	-9/2	4	-0.2895332	-
17/2	15/2	0	0.6344106	-	17/2	-7/2	4	-0.3761147	-
17/2	-15/2	1	-0.5015456	-	17/2	-5/2	4	-0.4536114	-
17/2	-13/2	1	-0.5212215	-	17/2	-3/2	4	-0.5138705	-
17/2	-11/2	1	-0.3685592	-	17/2	-1/2	4	-0.5493507	-
17/2	-9/2	1	-0.1390823	-	17/2	1/2	4	-0.5536258	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					19/2	9/2	2	-0.4619899	+
					19/2	11/2	2	-0.3169834	+
17/2	3/2	4	-0.5219634	-	19/2	13/2	2	0.0399362	+
17/2	5/2	4	-0.4520336	-	19/2	15/2	2	0.6741999	+
17/2	7/2	4	-0.3447977	-	19/2	-15/2	3	0.0701813	+
17/2	9/2	4	-0.2051957	-	19/2	-13/2	3	0.1502622	+
19/2	-15/2	0	0.4891160	+	19/2	-11/2	3	0.2423744	+
19/2	-13/2	0	0.5482048	+	19/2	-9/2	3	0.3355308	+
19/2	-11/2	0	0.4444816	+	19/2	-7/2	3	0.4176202	+
19/2	-9/2	0	0.2530423	+	19/2	-5/2	3	0.4764852	+
19/2	-7/2	0	0.0318803	+	19/2	-3/2	3	0.5007734	+
19/2	-5/2	0	-0.1734928	+	19/2	-1/2	3	0.4807974	+
19/2	-3/2	0	-0.3291795	+	19/2	1/2	3	0.4095103	+
19/2	-1/2	0	-0.4126483	+	19/2	3/2	3	0.2837170	+
19/2	1/2	0	-0.4126483	+	19/2	5/2	3	0.1057351	+
19/2	3/2	0	-0.3291795	+	19/2	7/2	3	-0.1140585	+
19/2	5/2	0	-0.1734928	+	19/2	9/2	3	-0.3527066	+
19/2	7/2	0	0.0318803	+	19/2	11/2	3	-0.5647825	+
19/2	9/2	0	0.2530423	+	19/2	13/2	3	-0.6513389	+
19/2	11/2	0	0.4444816	+	19/2	-15/2	4	0.0216584	+
19/2	13/2	0	0.5482048	+	19/2	-13/2	4	0.0533460	+
19/2	15/2	0	0.4891160	+	19/2	-11/2	4	0.0987776	+
19/2	-15/2	1	0.3062963	+	19/2	-9/2	4	0.1573779	+
19/2	-13/2	1	0.4547409	+	19/2	-7/2	4	0.2271554	+
19/2	-11/2	1	0.5073806	+	19/2	-5/2	4	0.3047610	+
19/2	-9/2	1	0.4691936	+	19/2	-3/2	4	0.3854955	+
19/2	-7/2	1	0.3557084	+	19/2	-1/2	4	0.4633080	+
19/2	-5/2	1	0.1900519	+	19/2	1/2	4	0.5307860	+
19/2	-3/2	1	0.0000000	+	19/2	3/2	4	0.5791350	+
19/2	-1/2	1	-0.1845419	+	19/2	5/2	4	0.5981280	+
19/2	1/2	1	-0.3338489	+	19/2	7/2	4	0.5759674	+
19/2	3/2	1	-0.4206977	+	19/2	9/2	4	0.4988024	+
19/2	5/2	1	-0.4229404	+	19/2	11/2	4	0.3481553	+
19/2	7/2	1	-0.3266762	+					
19/2	9/2	1	-0.1306705	+	J1 = 8				
19/2	11/2	1	0.1464682	+	4	-4	0	0.1426954	+
19/2	13/2	1	0.4518260	+	4	-3	0	0.2605251	+
19/2	15/2	1	0.6562180	+	4	-2	0	0.3599671	+
19/2	-15/2	2	0.1624381	+	4	-1	0	0.4259188	+
19/2	-13/2	2	0.2954212	+	4	0	0	0.4489578	+
19/2	-11/2	2	0.4054330	+	4	1	0	0.4259188	+
19/2	-9/2	2	0.4740919	+	4	2	0	0.3599671	+
19/2	-7/2	2	0.4892598	+	4	3	0	0.2605251	+
19/2	-5/2	2	0.4457111	+	4	4	0	0.1426954	+
19/2	-3/2	2	0.3452464	+	4	-5	1	-0.2300895	+
19/2	-1/2	2	0.1967224	+	4	-4	1	-0.3609941	+
19/2	1/2	2	0.0160623	+	4	-3	1	-0.4359418	+
19/2	3/2	2	-0.1737405	+	4	-2	1	-0.4553264	+
19/2	5/2	2	-0.3426209	+	4	-1	1	-0.4259188	+
19/2	7/2	2	-0.4534410	+					

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					5	0	1	0.3647351	-
					5	1	1	0.4224114	-
4	0	1	-0.3591663	+	5	2	1	0.4043038	-
4	1	1	-0.2693747	+	5	3	1	0.3187811	-
4	2	1	-0.1720972	+	5	4	1	0.1859169	-
4	3	1	-0.0823853	+	5	-7	2	0.5608409	-
4	-6	2	0.3514675	+	5	-6	2	0.3885620	-
4	-5	2	0.4601790	+	5	-5	2	0.1271868	-
4	-4	2	0.4775503	+	5	-4	2	-0.1152085	-
4	-3	2	0.4359418	+	5	-3	2	-0.2951340	-
4	-2	2	0.3599671	+	5	-2	2	-0.3979586	-
4	-1	2	0.2693747	+	5	-1	2	-0.4255243	-
4	0	2	0.1795831	+	5	0	2	-0.3899182	-
4	1	2	0.1018141	+	5	1	2	-0.3095391	-
4	2	2	0.0430243	+	5	2	2	-0.2061156	-
4	-7	3	-0.5144958	+	5	3	2	-0.1018309	-
4	-6	3	-0.5313689	+	5	-8	3	-0.5995641	-
4	-5	3	-0.4601790	+	5	-7	3	-0.0947994	-
4	-4	3	-0.3609941	+	5	-6	3	0.2202939	-
4	-3	3	-0.2605251	+	5	-5	3	0.3885620	-
4	-2	3	-0.1720972	+	5	-4	3	0.4480560	-
4	-1	3	-0.1018141	+	5	-3	3	0.4320319	-
4	0	3	-0.0513095	+	5	-2	3	0.3689494	-
4	1	3	-0.0192411	+	5	-1	3	0.2824692	-
4	-8	4	0.7276069	+	5	0	3	0.1914460	-
4	-7	4	0.5144958	+	5	1	3	0.1099042	-
4	-6	4	0.3514675	+	5	2	3	0.0468999	-
4	-5	4	0.2300895	+	5	-8	4	-0.5362664	-
4	-4	4	0.1426954	+	5	-7	4	-0.5687965	-
4	-3	4	0.0823853	+	5	-6	4	-0.5087470	-
4	-2	4	0.0430243	+	5	-5	4	-0.4153902	-
4	-1	4	0.0192411	+	5	-4	4	-0.3155115	-
4	0	4	0.0064137	+	5	-3	4	-0.2231003	-
5	-5	0	0.2997821	-	5	-2	4	-0.1453139	-
5	-4	0	0.4206820	-	5	-1	4	-0.0850871	-
5	-3	0	0.4320319	-	5	0	4	-0.0425436	-
5	-2	0	0.3473667	-	5	1	4	-0.0158550	-
5	-1	0	0.1922323	-	6	-6	0	0.4704915	+
5	0	0	0.0000000	-	6	-5	0	0.4610618	+
5	1	0	-0.1922323	-	6	-4	0	0.2875024	+
5	2	0	-0.3473667	-	6	-3	0	0.0525763	+
5	3	0	-0.4320319	-	6	-2	0	-0.1682640	+
5	4	0	-0.4206820	-	6	-1	0	-0.3219027	+
5	5	0	-0.2997821	-	6	0	0	-0.3766324	+
5	-6	1	-0.4344255	-	6	1	0	-0.3219027	+
5	-5	1	-0.4663514	-	6	2	0	-0.1682640	+
5	-4	1	-0.3492072	-	6	3	0	0.0525763	+
5	-3	1	-0.1577558	-	6	4	0	0.2875024	+
5	-2	1	0.0513762	-	6	5	0	0.4610618	+
5	-1	1	0.2354355	-	6	6	0	0.4704915	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					6	2	4	0.0321246	+
					7	-7	0	0.5934368	-
6	-7	1	-0.5762320	+	7	-6	0	0.2895675	-
6	-6	1	-0.3037009	+	7	-5	0	-0.0525763	-
6	-5	1	0.0199821	+	7	-4	0	-0.2916406	-
6	-4	1	0.2610523	+	7	-3	0	-0.3871065	-
6	-3	1	0.3762051	+	7	-2	0	-0.3456280	-
6	-2	1	0.3642636	+	7	-1	0	-0.2004698	-
6	-1	1	0.2481284	+	7	0	0	0.0000000	-
6	0	1	0.0649753	+	7	1	0	0.2004698	-
6	1	1	-0.1404461	+	7	2	0	0.3456280	-
6	2	1	-0.3212593	+	7	3	0	0.3871065	-
6	3	1	-0.4335762	+	7	4	0	0.2916406	-
6	4	1	-0.4419048	+	7	5	0	0.0525763	-
6	5	1	-0.3246700	+	7	6	0	-0.2895675	-
6	-8	2	0.5432768	+	7	7	0	-0.5934368	-
6	-7	2	-0.0784152	+	7	-8	1	-0.5307860	-
6	-6	2	-0.3662771	+	7	-7	1	0.1418585	-
6	-5	2	-0.4179069	+	7	-6	1	0.4063480	-
6	-4	2	-0.3176697	+	7	-5	1	0.3997179	-
6	-3	2	-0.1366983	+	7	-4	1	0.2379151	-
6	-2	2	0.0671062	+	7	-3	1	0.0157953	-
6	-1	2	0.2490718	+	7	-2	1	-0.1928801	-
6	0	2	0.3777517	+	7	-1	1	-0.3354501	-
6	1	2	0.4349111	+	7	0	1	-0.3803647	-
6	2	2	0.4154913	+	7	1	1	-0.3172053	-
6	3	2	0.3274676	+	7	2	1	-0.1567280	-
6	4	2	0.1910191	+	7	3	1	0.0690353	-
6	-8	3	0.5868060	+	7	4	1	0.3065003	-
6	-7	3	0.4378761	+	7	5	1	0.4795693	-
6	-6	3	0.1876612	+	7	6	1	0.4845391	-
6	-5	3	-0.0579135	+	7	-8	2	-0.6018547	-
6	-4	3	-0.2539675	+	7	-7	2	-0.3541003	-
6	-3	3	-0.3824720	+	7	-6	2	-0.0359164	-
6	-2	3	-0.4407103	+	7	-5	2	0.2205698	-
6	-1	3	-0.4356520	+	7	-4	2	0.3676870	-
6	0	3	-0.3805354	+	7	-3	2	0.3966956	-
6	1	3	-0.2924221	+	7	-2	2	0.3213081	-
6	2	3	-0.1901650	+	7	-1	2	0.1690510	-
6	3	3	-0.0922710	+	7	0	2	-0.0244004	-
6	-8	4	0.3538573	+	7	1	2	-0.2196037	-
6	-7	4	0.4845391	+	7	2	2	-0.3772324	-
6	-6	4	0.5307860	+	7	3	2	-0.4619598	-
6	-5	4	0.5179941	+	7	4	2	-0.4467436	-
6	-4	4	0.4655301	+	7	5	2	-0.3172053	-
6	-3	4	0.3894904	+	7	-8	3	-0.4416406	-
6	-2	4	0.3032179	+	7	-7	3	-0.5152474	-
6	-1	4	0.2174488	+	7	-6	3	-0.4457111	-
6	0	4	0.1403626	+	7	-5	3	-0.2917864	-
6	1	4	0.0775883	+	7	-4	3	-0.0991149	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					8	3	1	0.3857271 +	
					8	4	1	0.2564946 +	
7	-3	3	0.0957541 -		8	5	1	0.0000000 +	
7	-2	3	0.2646066 -		8	6	1	-0.3376908 +	
7	-1	3	0.3873444 -		8	7	1	-0.6165363 +	
7	0	3	0.4519019 -		8	-8	2	0.4775669 +	
7	1	3	0.4542016 -		8	-7	2	0.5158312 +	
7	2	3	0.3981082 -		8	-6	2	0.3918020 +	
7	3	3	0.2953021 -		8	-5	2	0.1873172 +	
7	4	3	0.1645897 -		8	-4	2	-0.0351720 +	
7	-8	4	-0.2081914 -		8	-3	2	-0.2279404 +	
7	-7	4	-0.3452464 -		8	-2	2	-0.3571139 +	
7	-6	4	-0.4457111 -		8	-1	2	-0.4024218 +	
7	-5	4	-0.5053889 -		8	0	2	-0.3571139 +	
7	-4	4	-0.5244669 -		8	1	2	-0.2279404 +	
7	-3	4	-0.5066831 -		8	2	2	-0.0351720 +	
7	-2	4	-0.4583121 -		8	3	2	0.1873172 +	
7	-1	4	-0.3873444 -		8	4	2	0.3918020 +	
7	0	4	-0.3028011 -		8	5	2	0.5158312 +	
7	1	4	-0.2141127 -		8	6	2	0.4775669 +	
7	2	4	-0.1304909 -		8	-8	3	0.2757234 +	
7	3	4	-0.0600997 -		8	-7	3	0.4205955 +	
8	-8	0	0.5514468 +		8	-6	3	0.4866643 +	
8	-7	0	-0.1378617 +		8	-5	3	0.4744957 +	
8	-6	0	-0.4135851 +		8	-4	3	0.3932345 +	
8	-5	0	-0.4135851 +		8	-3	3	0.2584601 +	
8	-4	0	-0.2545139 +		8	-2	3	0.0899843 +	
8	-3	0	-0.0318142 +		8	-1	3	-0.0899843 +	
8	-2	0	0.1802807 +		8	0	3	-0.2584601 +	
8	-1	0	0.3287471 +		8	1	3	-0.3932345 +	
8	0	0	0.3817709 +		8	2	3	-0.4744957 +	
8	1	0	0.3287471 +		8	3	3	-0.4866643 +	
8	2	0	0.1802807 +		8	4	3	-0.4205955 +	
8	3	0	-0.0318142 +		8	5	3	-0.2757234 +	
8	4	0	-0.2545139 +		8	-8	4	0.1081476 +	
8	5	0	-0.4135851 +		8	-7	4	0.2094270 +	
8	6	0	-0.4135851 +		8	-6	4	0.3106304 +	
8	7	0	-0.1378617 +		8	-5	4	0.4010221 +	
8	8	0	0.5514468 +		8	-4	4	0.4718814 +	
8	-8	1	0.6165363 +		8	-3	4	0.5169202 +	
8	-7	1	0.3376908 +		8	-2	4	0.5323540 +	
8	-6	1	0.0000000 +		8	-1	4	0.5169202 +	
8	-5	1	-0.2564946 +		8	0	4	0.4718814 +	
8	-4	1	-0.3857271 +		8	1	4	0.4010221 +	
8	-3	1	-0.3852896 +		8	2	4	0.3106304 +	
8	-2	1	-0.2777553 +		8	3	4	0.2094270 +	
8	-1	1	-0.1006055 +		8	4	4	0.1081476 +	
8	0	1	0.1006055 +		9	-8	0	-0.6356417 -	
8	1	1	0.2777553 +		9	-7	0	-0.3815408 -	
8	2	1	0.3852896 +		9	-6	0	-0.0517088 -	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 8					9	-7	3	-0.2671620	-	
					9	-6	3	-0.3752005	-	
	9	-5	0	0.2163133	-	9	-5	3	-0.4520042	-
	9	-4	0	0.3728772	-	9	-4	3	-0.4857445	-
	9	-3	0	0.4087937	-	9	-3	3	-0.4696682	-
	9	-2	0	0.3381998	-	9	-2	3	-0.4021998	-
	9	-1	0	0.1895988	-	9	-1	3	-0.2869720	-
	9	0	0	0.0000000	-	9	0	3	-0.1328422	-
	9	1	0	-0.1895988	-	9	1	3	0.0460889	-
	9	2	0	-0.3381998	-	9	2	3	0.2304443	-
	9	3	0	-0.4087937	-	9	3	3	0.3954960	-
	9	4	0	-0.3728772	-	9	4	3	0.5109613	-
	9	5	0	-0.2163133	-	9	5	3	0.5402955	-
	9	6	0	0.0517088	-	9	6	3	0.4369314	-
	9	7	0	0.3815408	-	9	-8	4	-0.0487515	-
	9	8	0	0.6356417	-	9	-7	4	-0.1076404	-
	9	-8	1	-0.4875149	-	9	-6	4	-0.1801168	-
	9	-7	1	-0.5277504	-	9	-5	4	-0.2607180	-
	9	-6	1	-0.4030300	-	9	-4	4	-0.3429972	-
	9	-5	1	-0.1965613	-	9	-3	4	-0.4200840	-
	9	-4	1	0.0283221	-	9	-2	4	-0.4850713	-
	9	-3	1	0.2234074	-	9	-1	4	-0.5313689	-
	9	-2	1	0.3547069	-	9	0	4	-0.5530663	-
	9	-1	1	0.4021998	-	9	1	4	-0.5453307	-
	9	0	1	0.3597385	-	9	2	4	-0.5048782	-
	9	1	1	0.2350080	-	9	3	4	-0.4305615	-
	9	2	1	0.0495074	-	9	4	4	-0.3241150	-
	9	3	1	-0.1614606	-	9	5	4	-0.1906925	-
	9	4	1	-0.3487947	-	10	-8	0	0.4739962	+
	9	5	1	-0.4495988	-	10	-7	0	0.5482730	+
	9	6	1	-0.3871833	-	10	-6	0	0.4684214	+
	9	7	1	-0.0710669	-	10	-5	0	0.3000824	+
	9	8	1	0.6030227	-	10	-4	0	0.0943853	+
	9	-8	2	-0.2985407	-	10	-3	0	-0.1077019	+
	9	-7	2	-0.4432266	-	10	-2	0	-0.2745547	+
	9	-6	2	-0.4945334	-	10	-1	0	-0.3836580	+
	9	-5	2	-0.4573133	-	10	0	0	-0.4215235	+
	9	-4	2	-0.3467016	-	10	1	0	-0.3836580	+
	9	-3	2	-0.1852396	-	10	2	0	-0.2745547	+
	9	-2	2	0.0000000	-	10	3	0	-0.1077019	+
	9	-1	2	0.1798692	-	10	4	0	0.0943853	+
	9	0	2	0.3253957	-	10	5	0	0.3000824	+
	9	1	2	0.4100454	-	10	6	0	0.4684214	+
	9	2	2	0.4122313	-	10	7	0	0.5482730	+
	9	3	2	0.3184046	-	10	8	0	0.4739962	+
	9	4	2	0.1273618	-	10	-8	1	0.2884649	+
	9	5	2	-0.1427595	-	10	-7	1	0.4372688	+
	9	6	2	-0.4403855	-	10	-6	1	0.5019820	+
	9	7	2	-0.6396021	-	10	-5	1	0.4843792	+
	9	-8	3	-0.1442089	-	10	-4	1	0.3954759	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					10	-5	4	0.1367772 +	
					10	-4	4	0.1989338 +	
10	-3	1	0.2531551 +		10	-3	4	0.2693576 +	
10	-2	1	0.0797509 +		10	-2	4	0.3445634 +	
10	-1	1	-0.0999731 +		10	-1	4	0.4199879 +	
10	0	1	-0.2606204 +		10	0	4	0.4899859 +	
10	1	1	-0.3778958 +		10	1	4	0.5478209 +	
10	2	1	-0.4304307 +		10	2	4	0.5856451 +	
10	3	1	-0.4018885 +		10	3	4	0.5944523 +	
10	4	1	-0.2836469 +		10	4	4	0.5639470 +	
10	5	1	-0.0786423 +		10	5	4	0.4820903 +	
10	6	1	0.1922318 +		10	6	4	0.3326739 +	
10	7	1	0.4769494 +		J1 = 17/2				
10	8	1	0.6533586 +		9/2	-9/2	0	0.1278275 +	
10	-8	2	0.1484140 +		9/2	-7/2	0	0.2378257 +	
10	-7	2	0.2737875 +		9/2	-5/2	0	0.3363364 +	
10	-6	2	0.3825645 +		9/2	-3/2	0	0.4098406 +	
10	-5	2	0.4580383 +		9/2	-1/2	0	0.4489578 +	
10	-4	2	0.4884100 +		9/2	1/2	0	0.4489578 +	
10	-3	2	0.4673894 +		9/2	3/2	0	0.4098406 +	
10	-2	2	0.3942991 +		9/2	5/2	0	0.3363364 +	
10	-1	2	0.2741008 +		9/2	7/2	0	0.2378257 +	
10	0	2	0.1174045 +		9/2	9/2	0	0.1278275 +	
10	1	2	-0.0595277 +		9/2	-11/2	1	-0.2138963 +	
10	2	2	-0.2347804 +		9/2	-9/2	1	-0.3429972 +	
10	3	2	-0.3807839 +		9/2	-7/2	1	-0.4254356 +	
10	4	2	-0.4643141 +		9/2	-5/2	1	-0.4595230 +	
10	5	2	-0.4464920 +		9/2	-3/2	1	-0.4489578 +	
10	6	2	-0.2827839 +		9/2	-1/2	1	-0.4015601 +	
10	7	2	0.0769991 +		9/2	1/2	1	-0.3278724 +	
10	8	2	0.6887004 +		9/2	3/2	1	-0.2399781 +	
10	-8	3	0.0620860 +		9/2	5/2	1	-0.1504142 +	
10	-7	3	0.1341610 +		9/2	7/2	1	-0.0709059 +	
10	-6	3	0.2188248 +		9/2	-13/2	2	0.3381998 +	
10	-5	3	0.3071149 +		9/2	-11/2	2	0.4537426 +	
10	-4	3	0.3889512 +		9/2	-9/2	2	0.4850713 +	
10	-3	3	0.4540021 +		9/2	-7/2	2	0.4595230 +	
10	-2	3	0.4923359 +		9/2	-5/2	2	0.3979586 +	
10	-1	3	0.4950556 +		9/2	-3/2	2	0.3174611 +	
10	0	3	0.4549869 +		9/2	-1/2	2	0.2318408 +	
10	1	3	0.3674894 +		9/2	1/2	2	0.1517755 +	
10	2	3	0.2314966 +		9/2	3/2	2	0.0848451 +	
10	3	3	0.0509739 +		9/2	5/2	2	0.0354530 +	
10	4	3	-0.1627975 +		9/2	-15/2	3	-0.5113100 +	
10	5	3	-0.3870969 +		9/2	-13/2	3	-0.5423261 +	
10	6	3	-0.5786040 +		9/2	-11/2	3	-0.4850713 +	
10	7	3	-0.6442203 +		9/2	-9/2	3	-0.3960590 +	
10	-8	4	0.0185105 +		9/2	-7/2	3	-0.3008284 +	
10	-7	4	0.0458111 +						
10	-6	4	0.0852956 +						

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					11/2	3/2	2	-0.2809501	-
					11/2	5/2	2	-0.1827046	-
9/2	-5/2	3	-0.2127178	+	11/2	7/2	2	-0.0886511	-
9/2	-3/2	3	-0.1385514	+	11/2	-17/2	3	-0.6212607	-
9/2	-1/2	3	-0.0811274	+	11/2	-15/2	3	-0.1362933	-
9/2	1/2	3	-0.0405637	+	11/2	-13/2	3	0.1795821	-
9/2	3/2	3	-0.0151172	+	11/2	-11/2	3	0.3616697	-
9/2	-17/2	4	0.7453560	+	11/2	-9/2	3	0.4416406	-
9/2	-15/2	4	0.5423261	+	11/2	-7/2	3	0.4475330	-
9/2	-13/2	4	0.3834825	+	11/2	-5/2	3	0.4037512	-
9/2	-11/2	4	0.2619684	+	11/2	-3/2	3	0.3310650	-
9/2	-9/2	4	0.1714986	+	11/2	-1/2	3	0.2466077	-
9/2	-7/2	4	0.1063589	+	11/2	1/2	3	0.1638702	-
9/2	-5/2	4	0.0614063	+	11/2	3/2	3	0.0926807	-
9/2	-3/2	4	0.0320684	+	11/2	5/2	3	0.0390915	-
9/2	-1/2	4	0.0143414	+	11/2	-17/2	4	-0.5298129	-
9/2	1/2	4	0.0047805	+	11/2	-15/2	4	-0.5746628	-
11/2	-11/2	0	0.2818925	-	11/2	-13/2	4	-0.5278615	-
11/2	-9/2	0	0.4088798	-	11/2	-11/2	4	-0.4451319	-
11/2	-7/2	0	0.4410111	-	11/2	-9/2	4	-0.3519077	-
11/2	-5/2	0	0.3858043	-	11/2	-7/2	4	-0.2618926	-
11/2	-3/2	0	0.2611476	-	11/2	-5/2	4	-0.1825959	-
11/2	-1/2	0	0.0921242	-	11/2	-3/2	4	-0.1177120	-
11/2	1/2	0	-0.0921242	-	11/2	-1/2	4	-0.0683845	-
11/2	3/2	0	-0.2611476	-	11/2	1/2	4	-0.0339805	-
11/2	5/2	0	-0.3858043	-	11/2	3/2	4	-0.0126003	-
11/2	7/2	0	-0.4410111	-	13/2	-13/2	0	0.4596741	+
11/2	9/2	0	-0.4088798	-	13/2	-11/2	0	0.4751297	+
11/2	11/2	0	-0.2818925	-	13/2	-9/2	0	0.3317817	+
11/2	-13/2	1	-0.4228387	-	13/2	-7/2	0	0.1182014	+
11/2	-11/2	1	-0.4751297	-	13/2	-5/2	0	-0.0991149	+
11/2	-9/2	1	-0.3861642	-	13/2	-3/2	0	-0.2710899	+
11/2	-7/2	1	-0.2196037	-	13/2	-1/2	0	-0.3651918	+
11/2	-5/2	1	-0.0244004	-	13/2	1/2	0	-0.3651918	+
11/2	-3/2	1	0.1612174	-	13/2	3/2	0	-0.2710899	+
11/2	-1/2	1	0.3089940	-	13/2	5/2	0	-0.0991149	+
11/2	1/2	1	0.4004263	-	13/2	7/2	0	0.1182014	+
11/2	3/2	1	0.4266743	-	13/2	9/2	0	0.3317817	+
11/2	5/2	1	0.3884956	-	13/2	11/2	0	0.4751297	+
11/2	7/2	1	0.2961074	-	13/2	13/2	0	0.4596741	+
11/2	9/2	1	0.1684630	-	13/2	-15/2	1	-0.5814469	+
11/2	-15/2	2	0.5637849	-	13/2	-13/2	1	-0.3420934	+
11/2	-13/2	2	0.4206977	-	13/2	-11/2	1	-0.0346986	+
11/2	-11/2	2	0.1802990	-	13/2	-9/2	1	0.2130907	+
11/2	-9/2	2	-0.0556415	-	13/2	-7/2	1	0.3552194	+
11/2	-7/2	2	-0.2440041	-	13/2	-5/2	1	0.3832444	+
11/2	-5/2	2	-0.3674672	-	13/2	-3/2	1	0.3104131	+
11/2	-3/2	2	-0.4234207	-	13/2	-1/2	1	0.1633188	+
11/2	-1/2	2	-0.4185609	-	13/2	1/2	1	-0.0235730	+
11/2	1/2	2	-0.3656066	-	13/2	3/2	1	-0.2121573	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					15/2	-5/2	0	-0.3737858	-
					15/2	-3/2	0	-0.2694622	-
13/2	5/2	1	-0.3644411	+	15/2	-1/2	0	-0.0976016	-
13/2	7/2	1	-0.4462955	+	15/2	1/2	0	0.0976016	-
13/2	9/2	1	-0.4315953	+	15/2	3/2	0	0.2694622	-
13/2	11/2	1	-0.3064494	+	15/2	5/2	0	0.3737858	-
13/2	-17/2	2	0.5650648	+	15/2	7/2	0	0.3742103	-
13/2	-15/2	2	-0.0380104	+	15/2	9/2	0	0.2488363	-
13/2	-13/2	2	-0.3401521	+	15/2	11/2	0	0.0000000	-
13/2	-11/2	2	-0.4228387	+	15/2	13/2	0	-0.3276082	-
13/2	-9/2	2	-0.3573639	+	15/2	15/2	0	-0.5981280	-
13/2	-7/2	2	-0.2048375	+	15/2	-17/2	1	-0.5514468	-
13/2	-5/2	2	-0.0161854	+	15/2	-15/2	1	0.1035988	-
13/2	-3/2	2	0.1678493	+	15/2	-13/2	1	0.3876313	-
13/2	-1/2	2	0.3167044	+	15/2	-11/2	1	0.4163828	-
13/2	1/2	2	0.4099946	+	15/2	-9/2	1	0.2891217	-
13/2	3/2	2	0.4375005	+	15/2	-7/2	1	0.0886511	-
13/2	5/2	2	0.3991354	+	15/2	-5/2	1	-0.1186929	-
13/2	7/2	2	0.3048196	+	15/2	-3/2	1	-0.2830447	-
13/2	9/2	2	0.1737405	+	15/2	-1/2	1	-0.3710146	-
13/2	-17/2	3	0.5863955	+	15/2	1/2	1	-0.3656987	-
13/2	-15/2	3	0.4644944	+	15/2	3/2	1	-0.2666984	-
13/2	-13/2	3	0.2358482	+	15/2	5/2	1	-0.0901605	-
13/2	-11/2	3	0.0000000	+	15/2	7/2	1	0.1311281	-
13/2	-9/2	3	-0.1993281	+	15/2	9/2	1	0.3474810	-
13/2	-7/2	3	-0.3425803	+	15/2	11/2	1	0.4914123	-
13/2	-5/2	3	-0.4239215	+	15/2	13/2	1	0.4728617	-
13/2	-3/2	3	-0.4462718	+	15/2	-17/2	2	-0.6040797	-
13/2	-1/2	3	-0.4183798	+	15/2	-15/2	2	-0.3876313	-
13/2	1/2	3	-0.3528088	+	15/2	-13/2	2	-0.0877812	-
13/2	3/2	3	-0.2643615	+	15/2	-11/2	2	0.1699876	-
13/2	5/2	3	-0.1686749	+	15/2	-9/2	2	0.3369259	-
13/2	7/2	3	-0.0806322	+	15/2	-7/2	2	0.3992398	-
13/2	-17/2	4	0.3385556	+	15/2	-5/2	2	0.3633613	-
13/2	-15/2	4	0.4716963	+	15/2	-3/2	2	0.2484532	-
13/2	-13/2	4	0.5273725	+	15/2	-1/2	2	0.0816594	-
13/2	-11/2	4	0.5273725	+	15/2	1/2	2	-0.1054218	-
13/2	-9/2	4	0.4882521	+	15/2	3/2	2	-0.2797157	-
13/2	-7/2	4	0.4239215	+	15/2	5/2	2	-0.4094876	-
13/2	-5/2	4	0.3461305	+	15/2	7/2	2	-0.4673002	-
13/2	-3/2	4	0.2646066	+	15/2	9/2	2	-0.4333849	-
13/2	-1/2	4	0.1871051	+	15/2	11/2	2	-0.2990640	-
13/2	1/2	4	0.1194264	+	15/2	-17/2	3	-0.4271489	-
13/2	3/2	4	0.0654125	+	15/2	-15/2	3	-0.5142617	-
13/2	5/2	4	0.0268774	+	15/2	-13/2	3	-0.4673002	-
15/2	-15/2	0	0.5981280	-	15/2	-11/2	3	-0.3369259	-
15/2	-13/2	0	0.3276082	-	15/2	-9/2	3	-0.1627507	-
15/2	-11/2	0	0.0000000	-	15/2	-7/2	3	0.0228896	-
15/2	-9/2	0	-0.2488363	-	15/2	-5/2	3	0.1942248	-
15/2	-7/2	0	-0.3742103	-	15/2	-3/2	3	0.3318455	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					17/2	5/2	1	0.3978906	+
					17/2	7/2	1	0.3629321	+
15/2	-1/2	3	0.4226274	-	17/2	9/2	1	0.2105439	+
15/2	1/2	3	0.4596957	-	17/2	11/2	1	-0.0503296	+
15/2	3/2	3	0.4424009	-	17/2	13/2	1	-0.3713645	+
15/2	5/2	3	0.3762835	-	17/2	15/2	1	-0.6186882	+
15/2	7/2	3	0.2729648	-	17/2	-17/2	2	0.4640162	+
15/2	9/2	3	0.1495320	-	17/2	-15/2	2	0.5200727	+
15/2	-17/2	4	-0.1934603	-	17/2	-13/2	2	0.4216723	+
15/2	-15/2	4	-0.3250784	-	17/2	-11/2	2	0.2400570	+
15/2	-13/2	4	-0.4261814	-	17/2	-9/2	2	0.0302443	+
15/2	-11/2	4	-0.4921118	-	17/2	-7/2	2	-0.1645897	+
15/2	-9/2	4	-0.5219634	-	17/2	-5/2	2	-0.3122871	+
15/2	-7/2	4	-0.5179328	-	17/2	-3/2	2	-0.3914726	+
15/2	-5/2	4	-0.4844817	-	17/2	-1/2	2	-0.3914726	+
15/2	-3/2	4	-0.4276689	-	17/2	1/2	2	-0.3122871	+
15/2	-1/2	4	-0.3546043	-	17/2	3/2	2	-0.1645897	+
15/2	1/2	4	-0.2729745	-	17/2	5/2	2	0.0302443	+
15/2	3/2	4	-0.1905941	-	17/2	7/2	2	0.2400570	+
15/2	5/2	4	-0.1149326	-	17/2	9/2	2	0.4216723	+
15/2	7/2	4	-0.0524593	-	17/2	11/2	2	0.5200727	+
17/2	-17/2	0	0.5704024	+	17/2	13/2	2	0.4640162	+
17/2	-15/2	0	-0.1006592	+	17/2	-17/2	3	0.2588159	+
17/2	-13/2	0	-0.3942487	+	17/2	-15/2	3	0.4026370	+
17/2	-11/2	0	-0.4278018	+	17/2	-13/2	3	0.4782050	+
17/2	-9/2	0	-0.3019777	+	17/2	-11/2	3	0.4839094	+
17/2	-7/2	0	-0.1006592	+	17/2	-9/2	3	0.4255756	+
17/2	-5/2	0	0.1090475	+	17/2	-7/2	3	0.3147558	+
17/2	-3/2	0	0.2768129	+	17/2	-5/2	3	0.1669245	+
17/2	-1/2	0	0.3690839	+	17/2	-3/2	3	0.0000000	+
17/2	1/2	0	0.3690839	+	17/2	-1/2	3	-0.1669245	+
17/2	3/2	0	0.2768129	+	17/2	1/2	3	-0.3147558	+
17/2	5/2	0	0.1090475	+	17/2	3/2	3	-0.4255756	+
17/2	7/2	0	-0.1006592	+	17/2	5/2	3	-0.4839094	+
17/2	9/2	0	-0.3019777	+	17/2	7/2	3	-0.4782050	+
17/2	11/2	0	-0.4278018	+	17/2	9/2	3	-0.4026370	+
17/2	13/2	0	-0.3942487	+	17/2	11/2	3	-0.2588159	+
17/2	15/2	0	-0.1006592	+	17/2	-17/2	4	0.0978232	+
17/2	17/2	0	0.5704024	+	17/2	-15/2	4	0.1912820	+
17/2	-17/2	1	0.6186882	+	17/2	-13/2	4	0.2869230	+
17/2	-15/2	1	0.3713645	+	17/2	-11/2	4	0.3753224	+
17/2	-13/2	1	0.0503296	+	17/2	-9/2	4	0.4485960	+
17/2	-11/2	1	-0.2105439	+	17/2	-7/2	4	0.5007734	+
17/2	-9/2	1	-0.3629321	+	17/2	-5/2	4	0.5278615	+
17/2	-7/2	1	-0.3978906	+	17/2	-3/2	4	0.5278615	+
17/2	-5/2	1	-0.3291795	+	17/2	-1/2	4	0.5007734	+
17/2	-3/2	1	-0.1845419	+	17/2	1/2	4	0.4485960	+
17/2	-1/2	1	0.0000000	+	17/2	3/2	4	0.3753224	+
17/2	1/2	1	0.1845419	+	17/2	5/2	4	0.2869230	+
17/2	3/2	1	0.3291795	+	17/2	7/2	4	0.1912820	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					19/2	5/2	2	0.3922030	-
					19/2	7/2	2	0.2768111	-
17/2	9/2	4	0.0978232	+	19/2	9/2	2	0.0767470	-
19/2	-17/2	0	-0.6357456	-	19/2	11/2	2	-0.1875990	-
19/2	-15/2	0	-0.4111759	-	19/2	13/2	2	-0.4654550	-
19/2	-13/2	0	-0.0992367	-	19/2	15/2	2	-0.6376127	-
19/2	-11/2	0	0.1689853	-	19/2	-17/2	3	-0.1316656	-
19/2	-9/2	0	0.3429258	-	19/2	-15/2	3	-0.2470541	-
19/2	-7/2	0	0.4087002	-	19/2	-13/2	3	-0.3524795	-
19/2	-5/2	0	0.3736367	-	19/2	-11/2	3	-0.4332779	-
19/2	-3/2	0	0.2583982	-	19/2	-9/2	3	-0.4783066	-
19/2	-1/2	0	0.0919840	-	19/2	-7/2	3	-0.4804707	-
19/2	1/2	0	-0.0919840	-	19/2	-5/2	3	-0.4368138	-
19/2	3/2	0	-0.2583982	-	19/2	-3/2	3	-0.3485447	-
19/2	5/2	0	-0.3736367	-	19/2	-1/2	3	-0.2210488	-
19/2	7/2	0	-0.4087002	-	19/2	1/2	3	-0.0638991	-
19/2	9/2	0	-0.3429258	-	19/2	3/2	3	0.1091285	-
19/2	11/2	0	-0.1689853	-	19/2	5/2	3	0.2800251	-
19/2	13/2	0	0.0992367	-	19/2	7/2	3	0.4264780	-
19/2	15/2	0	0.4111759	-	19/2	9/2	3	0.5216794	-
19/2	17/2	0	0.6357456	-	19/2	11/2	3	0.5336600	-
19/2	-17/2	1	-0.4738568	-	19/2	13/2	3	0.4217412	-
19/2	-15/2	1	-0.5310697	-	19/2	-17/2	4	-0.0430018	-
19/2	-13/2	1	-0.4309980	-	19/2	-15/2	4	-0.0955877	-
19/2	-11/2	1	-0.2465859	-	19/2	-13/2	4	-0.1611935	-
19/2	-9/2	1	-0.0340059	-	19/2	-11/2	4	-0.2354382	-
19/2	-7/2	1	0.1628614	-	19/2	-9/2	4	-0.3130405	-
19/2	-5/2	1	0.3115831	-	19/2	-7/2	4	-0.3882789	-
19/2	-3/2	1	0.3909319	-	19/2	-5/2	4	-0.4552974	-
19/2	-1/2	1	0.3907966	-	19/2	-3/2	4	-0.5083765	-
19/2	1/2	1	0.3121451	-	19/2	-1/2	4	-0.5422020	-
19/2	3/2	1	0.1670060	-	19/2	1/2	4	-0.5521515	-
19/2	5/2	1	-0.0215404	-	19/2	3/2	4	-0.5346184	-
19/2	7/2	1	-0.2193678	-	19/2	5/2	4	-0.4874034	-
19/2	9/2	1	-0.3813064	-	19/2	7/2	4	-0.4102111	-
19/2	11/2	1	-0.4511452	-	19/2	9/2	4	-0.3052825	-
19/2	13/2	1	-0.3616327	-	19/2	11/2	4	-0.1778217	-
19/2	15/2	1	-0.0344781	-					
19/2	17/2	1	0.6196482	-	J1 = 9				
19/2	-17/2	2	-0.2815129	-	5	-5	0	0.1150821	+
19/2	-15/2	2	-0.4267307	-	5	-4	0	0.2174848	+
19/2	-13/2	2	-0.4898843	-	5	-3	0	0.3134289	+
19/2	-11/2	2	-0.4727057	-	5	-2	0	0.3909145	+
19/2	-9/2	2	-0.3859450	-	5	-1	0	0.4410111	+
19/2	-7/2	2	-0.2470541	-	5	0	0	0.4583121	+
19/2	-5/2	2	-0.0778289	-	5	1	0	0.4410111	+
19/2	-3/2	2	0.0975637	-	5	2	0	0.3909145	+
19/2	-1/2	2	0.2543395	-	5	3	0	0.3134289	+
19/2	1/2	2	0.3687885	-	5	4	0	0.2174848	+
19/2	3/2	2	0.4200573	-					

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					6	-3	0	0.4126483	-
					6	-2	0	0.3151654	-
5	5	0	0.1150821	+	6	-1	0	0.1699876	-
5	-6	1	-0.1993281	+	6	0	0	0.0000000	-
5	-5	1	-0.3255014	+	6	1	0	-0.1699876	-
5	-4	1	-0.4126483	+	6	2	0	-0.3151654	-
5	-3	1	-0.4577922	+	6	3	0	-0.4126483	-
5	-2	1	-0.4625363	+	6	4	0	-0.4435836	-
5	-1	1	-0.4321008	+	6	5	0	-0.3956245	-
5	0	1	-0.3742103	+	6	6	0	-0.2653930	-
5	1	1	-0.2981779	+	6	-7	1	-0.4111450	-
5	2	1	-0.2141127	+	6	-6	1	-0.4796692	-
5	3	1	-0.1321532	+	6	-5	1	-0.4149345	-
5	4	1	-0.0615140	+	6	-4	1	-0.2716384	-
5	-7	2	0.3255014	+	6	-3	1	-0.0922710	-
5	-6	2	0.4457111	+	6	-2	1	0.0891422	-
5	-5	2	0.4882521	+	6	-1	1	0.2463354	-
5	-4	2	0.4764852	+	6	0	1	0.3605981	-
5	-3	2	0.4282254	+	6	1	1	0.4206977	-
5	-2	2	0.3582791	+	6	2	1	0.4228387	-
5	-1	2	0.2789199	+	6	3	1	0.3706185	-
5	0	2	0.2000238	+	6	4	1	0.2749113	-
5	1	2	0.1291148	+	6	5	1	0.1532247	-
5	2	2	0.0713709	+	6	-8	2	0.5650648	-
5	3	2	0.0295504	+	6	-7	2	0.4475980	-
5	-8	3	-0.5072573	+	6	-6	2	0.2272690	-
5	-7	3	-0.5501978	+	6	-5	2	0.0000000	-
5	-6	3	-0.5053889	+	6	-4	2	-0.1920773	-
5	-5	3	-0.4261814	+	6	-3	2	-0.3301187	-
5	-4	3	-0.3369259	+	6	-2	2	-0.4085010	-
5	-3	3	-0.2507431	+	6	-1	2	-0.4300383	-
5	-2	3	-0.1748223	+	6	0	2	-0.4031609	-
5	-1	3	-0.1127007	+	6	1	2	-0.3399751	-
5	0	3	-0.0654732	+	6	2	2	-0.2547451	-
5	1	3	-0.0325339	+	6	3	2	-0.1625392	-
5	2	3	-0.0120639	+	6	4	2	-0.0776991	-
5	-9	4	0.7608859	+	6	-9	3	-0.6407233	-
5	-8	4	0.5671309	+	6	-8	3	-0.1743828	-
5	-7	4	0.4126483	+	6	-7	3	0.1402735	-
5	-6	4	0.2917864	+	6	-6	3	0.3326877	-
5	-5	4	0.1993281	+	6	-5	3	0.4294980	-
5	-4	4	0.1304909	+	6	-4	3	0.4545379	-
5	-3	4	0.0809270	+	6	-3	3	0.4288367	-
5	-2	4	0.0467232	+	6	-2	3	0.3706185	-
5	-1	4	0.0244004	+	6	-1	3	0.2953021	-
5	0	4	0.0109122	+	6	0	3	0.2154986	-
5	1	4	0.0036374	+	6	1	3	0.1410072	-
6	-6	0	0.2653930	-	6	2	3	0.0787982	-
6	-5	0	0.3956245	-	6	3	3	0.0329179	-
6	-4	0	0.4435836	-	6	-9	4	-0.5231484	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					7	-2	2	0.0886511	+
					7	-1	2	0.2475168	+
6	-8	4	-0.5783623	-	7	0	2	0.3651918	+
6	-7	4	-0.5432768	-	7	1	2	0.4287117	+
6	-6	4	-0.4704915	-	7	2	2	0.4330643	+
6	-5	4	-0.3841547	-	7	3	2	0.3811596	+
6	-4	4	-0.2975649	-	7	4	2	0.2837170	+
6	-3	4	-0.2183530	-	7	5	2	0.1586026	+
6	-2	4	-0.1506779	-	7	-9	3	0.5848977	+
6	-1	4	-0.0963739	-	7	-8	3	0.4866643	+
6	0	4	-0.0556415	-	7	-7	3	0.2782074	+
6	1	4	-0.0275099	-	7	-6	3	0.0532727	+
6	2	4	-0.0101587	-	7	-5	3	-0.1458932	+
7	-7	0	0.4485960	+	7	-4	3	-0.2989921	+
7	-6	0	0.4845391	+	7	-3	3	-0.3981082	+
7	-5	0	0.3680339	+	7	-2	3	-0.4432554	+
7	-4	0	0.1759538	+	7	-1	3	-0.4398169	+
7	-3	0	-0.0330383	+	7	0	3	-0.3968349	+
7	-2	0	-0.2141127	+	7	1	3	-0.3257249	+
7	-1	0	-0.3354501	+	7	2	3	-0.2391987	+
7	0	0	-0.3780095	+	7	3	3	-0.1502492	+
7	1	0	-0.3354501	+	7	4	3	-0.0709293	+
7	2	0	-0.2141127	+	7	-9	4	0.3244428	+
7	3	0	-0.0330383	+	7	-8	4	0.4588315	+
7	4	0	0.1759538	+	7	-7	4	0.5219634	+
7	5	0	0.3680339	+	7	-6	4	0.5327267	+
7	6	0	0.4845391	+	7	-5	4	0.5053889	+
7	7	0	0.4485960	+	7	-4	4	0.4520336	+
7	-8	1	-0.5848977	+	7	-3	4	0.3830164	+
7	-7	1	-0.3753224	+	7	-2	4	0.3070964	+
7	-6	1	-0.0849938	+	7	-1	4	0.2314826	+
7	-5	1	0.1645897	+	7	0	4	0.1618540	+
7	-4	1	0.3262271	+	7	1	4	0.1023655	+
7	-3	1	0.3865623	+	7	2	4	0.0556415	+
7	-2	1	0.3518231	+	7	3	4	0.0227155	+
7	-1	1	0.2405638	+	8	-8	0	0.6012569	-
7	0	1	0.0790664	+	8	-7	0	0.3609015	-
7	1	1	-0.1020742	+	8	-6	0	0.0489116	-
7	2	1	-0.2708335	+	8	-5	0	-0.2046119	-
7	3	1	-0.3964847	+	8	-4	0	-0.3527066	-
7	4	1	-0.4524614	+	8	-3	0	-0.3866801	-
7	5	1	-0.4196232	+	8	-2	0	-0.3199050	-
7	6	1	-0.2895675	+	8	-1	0	-0.1793425	-
7	-9	2	0.5848977	+	8	0	0	0.0000000	-
7	-8	2	0.0000000	+	8	1	0	0.1793425	-
7	-7	2	-0.3122871	+	8	2	0	0.3199050	-
7	-6	2	-0.4206977	+	8	3	0	0.3866801	-
7	-5	2	-0.3859972	+	8	4	0	0.3527066	-
7	-4	2	-0.2609817	+	8	5	0	0.2046119	-
7	-3	2	-0.0904791	+	8	6	0	-0.0489116	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					8	4	3	0.2527099	-
					8	5	3	0.1364079	-
8	7	0	-0.3609015	-	8	-9	4	-0.1803771	-
8	8	0	-0.6012569	-	8	-8	4	-0.3065821	-
8	-9	1	-0.5704024	-	8	-7	4	-0.4072704	-
8	-8	1	0.0672226	-	8	-6	4	-0.4775669	-
8	-7	1	0.3662387	-	8	-5	4	-0.5158312	-
8	-6	1	0.4252778	-	8	-4	4	-0.5231484	-
8	-5	1	0.3299268	-	8	-3	4	-0.5026247	-
8	-4	1	0.1527264	-	8	-2	4	-0.4588315	-
8	-3	1	-0.0468293	-	8	-1	4	-0.3973597	-
8	-2	1	-0.2222953	-	8	0	4	-0.3244428	-
8	-1	1	-0.3402785	-	8	1	4	-0.2466145	-
8	0	1	-0.3804430	-	8	2	4	-0.1703735	-
8	1	1	-0.3355191	-	8	3	4	-0.1018176	-
8	2	1	-0.2113223	-	8	4	4	-0.0461143	-
8	3	1	-0.0267900	-	9	-9	0	0.5878499	+
8	4	1	0.1859284	-	9	-8	0	-0.0653167	+
8	5	1	0.3812282	-	9	-7	0	-0.3726891	+
8	6	1	0.4992019	-	9	-6	0	-0.4351242	+
8	7	1	0.4611430	-	9	-5	0	-0.3400308	+
8	-9	2	-0.6050031	-	9	-4	0	-0.1613706	+
8	-8	2	-0.4165630	-	9	-3	0	0.0403426	+
8	-7	2	-0.1350370	-	9	-2	0	0.2180424	+
8	-6	2	0.1204722	-	9	-1	0	0.3381097	+
8	-5	2	0.3011806	-	9	0	0	0.3803734	+
8	-4	2	0.3899318	-	9	1	0	0.3381097	+
8	-3	2	0.3878641	-	9	2	0	0.2180424	+
8	-2	2	0.3077935	-	9	3	0	0.0403426	+
8	-1	2	0.1701393	-	9	4	0	-0.1613706	+
8	0	2	0.0000000	-	9	5	0	-0.3400308	+
8	1	2	-0.1752192	-	9	6	0	-0.4351242	+
8	2	2	-0.3279469	-	9	7	0	-0.3726891	+
8	3	2	-0.4325751	-	9	8	0	-0.0653167	+
8	4	2	-0.4677818	-	9	9	0	0.5878499	+
8	5	2	-0.4192504	-	9	-9	1	0.6196482	+
8	6	2	-0.2823912	-	9	-8	1	0.4007647	+
8	-9	3	-0.4132958	-	9	-7	1	0.0967239	+
8	-8	3	-0.5110683	-	9	-6	1	-0.1647065	+
8	-7	3	-0.4833210	-	9	-5	1	-0.3342427	+
8	-6	3	-0.3741018	-	9	-4	1	-0.3983516	+
8	-5	3	-0.2179785	-	9	-3	1	-0.3641761	+
8	-4	3	-0.0435957	-	9	-2	1	-0.2518555	+
8	-3	3	0.1256562	-	9	-1	1	-0.0896549	+
8	-2	3	0.2714484	-	9	0	1	0.0896549	+
8	-1	3	0.3804430	-	9	1	1	0.2518555	+
8	0	3	0.4442617	-	9	2	1	0.3641761	+
8	1	3	0.4594683	-	9	3	1	0.3983516	+
8	2	3	0.4275532	-	9	4	1	0.3342427	+
8	3	3	0.3549041	-	9	5	1	0.1647065	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					9	3	4	0.2655678	+
					9	4	4	0.1753346	+
9	6	1	-0.0967239	+	9	5	4	0.0889108	+
9	7	1	-0.4007647	+	10	-9	0	-0.6349504	-
9	8	1	-0.6196482	+	10	-8	0	-0.4370029	-
9	-9	2	0.4508603	+	10	-7	0	-0.1427828	-
9	-8	2	0.5215117	+	10	-6	0	0.1228178	-
9	-7	2	0.4455576	+	10	-5	0	0.3091957	-
9	-6	2	0.2854353	+	10	-4	0	0.3992108	-
9	-5	2	0.0897783	+	10	-3	0	0.3950768	-
9	-4	2	-0.1024450	+	10	-2	0	0.3113354	-
9	-3	2	-0.2611536	+	10	-1	0	0.1705146	-
9	-2	2	-0.3649315	+	10	0	0	0.0000000	-
9	-1	2	-0.4009488	+	10	1	0	-0.1705146	-
9	0	2	-0.3649315	+	10	2	0	-0.3113354	-
9	1	2	-0.2611536	+	10	3	0	-0.3950768	-
9	2	2	-0.1024450	+	10	4	0	-0.3992108	-
9	3	2	0.0897783	+	10	5	0	-0.3091957	-
9	4	2	0.2854353	+	10	6	0	-0.1228178	-
9	5	2	0.4455576	+	10	7	0	0.1427828	-
9	6	2	0.5215117	+	10	8	0	0.4370029	-
9	7	2	0.4508603	+	10	9	0	0.6349504	-
9	-9	3	0.2434924	+	10	-9	1	-0.4606415	-
9	-8	3	0.3852803	+	10	-8	1	-0.5319029	-
9	-7	3	0.4677736	+	10	-7	1	-0.4535470	-
9	-6	3	0.4878791	+	10	-6	1	-0.2899071	-
9	-5	3	0.4489850	+	10	-5	1	-0.0909519	-
9	-4	3	0.3595804	+	10	-4	1	0.1034767	-
9	-3	3	0.2317508	+	10	-3	1	0.2628661	-
9	-2	3	0.0799616	+	10	-2	1	0.3658035	-
9	-1	3	-0.0799616	+	10	-1	1	0.3998923	-
9	0	3	-0.2317508	+	10	0	1	0.3617162	-
9	1	3	-0.3595804	+	10	1	1	0.2568224	-
9	2	3	-0.4489850	+	10	2	1	0.0997126	-
9	3	3	-0.4878791	+	10	3	1	-0.0861616	-
9	4	3	-0.4677736	+	10	4	1	-0.2684018	-
9	5	3	-0.3852803	+	10	5	1	-0.4056648	-
9	6	3	-0.2434924	+	10	6	1	-0.4476630	-
9	-9	4	0.0889108	+	10	7	1	-0.3351659	-
9	-8	4	0.1753346	+	10	8	1	0.0000000	-
9	-7	4	0.2655678	+	10	9	1	0.6349504	-
9	-6	4	0.3513131	+	10	-9	2	-0.2659515	-
9	-5	4	0.4254613	+	10	-8	2	-0.4104927	-
9	-4	4	0.4824278	+	10	-7	2	-0.4827448	-
9	-3	4	0.5182106	+	10	-6	2	-0.4821973	-
9	-2	4	0.5304054	+	10	-5	2	-0.4162799	-
9	-1	4	0.5182106	+	10	-4	2	-0.2984724	-
9	0	4	0.4824278	+	10	-3	2	-0.1463381	-
9	1	4	0.4254613	+	10	-2	2	0.0200953	-
9	2	4	0.3513131	+	10	-1	2	0.1797382	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					11/2	-5/2	0	0.3708541	+
					11/2	-3/2	0	0.4282254	+
10	0	2	0.3117478	-	11/2	-1/2	0	0.4583121	+
10	1	2	0.3968512	-	11/2	1/2	0	0.4583121	+
10	2	2	0.4187930	-	11/2	3/2	0	0.4282254	+
10	3	2	0.3660599	-	11/2	5/2	0	0.3708541	+
10	4	2	0.2341410	-	11/2	7/2	0	0.2917864	+
10	5	2	0.0288465	-	11/2	9/2	0	0.1993281	+
10	6	2	-0.2280515	-	11/2	11/2	0	0.1040957	+
10	7	2	-0.4869848	-	11/2	-13/2	1	-0.1862120	+
10	8	2	-0.6349504	-	11/2	-11/2	1	-0.3087977	+
10	-9	3	-0.1206735	-	11/2	-9/2	1	-0.3986562	+
10	-8	3	-0.2289619	-	11/2	-7/2	1	-0.4520336	+
10	-7	3	-0.3311254	-	11/2	-5/2	1	-0.4690974	+
10	-6	3	-0.4139930	-	11/2	-3/2	1	-0.4531912	+
10	-5	3	-0.4671832	-	11/2	-1/2	1	-0.4099268	+
10	-4	3	-0.4835805	-	11/2	1/2	1	-0.3464514	+
10	-3	3	-0.4594178	-	11/2	3/2	1	-0.2708335	+
10	-2	3	-0.3942991	-	11/2	5/2	1	-0.1915082	+
10	-1	3	-0.2912092	-	11/2	7/2	1	-0.1167146	+
10	0	3	-0.1565202	-	11/2	9/2	1	-0.0537548	+
10	1	3	0.0000000	-	11/2	-15/2	2	0.3134416	+
10	2	3	0.1651742	-	11/2	-13/2	2	0.4367059	+
10	3	3	0.3223870	-	11/2	-11/2	2	0.4882521	+
10	4	3	0.4515189	-	11/2	-9/2	2	0.4882521	+
10	5	3	0.5287648	-	11/2	-7/2	2	0.4520336	+
10	6	3	0.5260037	-	11/2	-5/2	2	0.3924751	+
10	7	3	0.4074407	-	11/2	-3/2	2	0.3204545	+
10	-9	4	-0.0381603	-	11/2	-1/2	2	0.2449781	+
10	-8	4	-0.0853291	-	11/2	1/2	2	0.1732257	+
10	-7	4	-0.1448674	-	11/2	3/2	2	0.1105673	+
10	-6	4	-0.2132390	-	11/2	5/2	2	0.0605602	+
10	-5	4	-0.2860901	-	11/2	7/2	2	0.0248836	+
10	-4	4	-0.3586329	-	11/2	-17/2	3	-0.5026247	+
10	-3	4	-0.4258917	-	11/2	-15/2	3	-0.5556725	+
10	-2	4	-0.4829158	-	11/2	-13/2	3	-0.5219634	+
10	-1	4	-0.5249849	-	11/2	-11/2	3	-0.4520336	+
10	0	4	-0.5478209	-	11/2	-9/2	3	-0.3690839	+
10	1	4	-0.5478209	-	11/2	-7/2	3	-0.2858911	+
10	2	4	-0.5223267	-	11/2	-5/2	3	-0.2097867	+
10	3	4	-0.4699558	-	11/2	-3/2	3	-0.1447666	+
10	4	4	-0.3910269	-	11/2	-1/2	3	-0.0925930	+
10	5	4	-0.2881041	-	11/2	1/2	3	-0.0534586	+
10	6	4	-0.1663370	-	11/2	3/2	3	-0.0264306	+
					11/2	5/2	3	-0.0097602	+
J1 = 19/2					11/2	-19/2	4	0.7745967	+
					11/2	-17/2	4	0.5893797	+
11/2	-11/2	0	0.1040957	+	11/2	-15/2	4	0.4392977	+
11/2	-9/2	0	0.1993281	+	11/2	-13/2	4	0.3196360	+
11/2	-7/2	0	0.2917864	+	11/2	-11/2	4	0.2260168	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					13/2	9/2	2	-0.0685242	-
					13/2	-19/2	3	-0.6582806	-
11/2	-9/2	4	0.1543989	+	13/2	-17/2	3	-0.2094270	-
11/2	-7/2	4	0.1010778	+	13/2	-15/2	3	0.1025978	-
11/2	-5/2	4	0.0626858	+	13/2	-13/2	3	0.3026088	-
11/2	-3/2	4	0.0361917	+	13/2	-11/2	3	0.4132210	-
11/2	-1/2	4	0.0189005	+	13/2	-9/2	3	0.4548500	-
11/2	1/2	4	0.0084525	+	13/2	-7/2	3	0.4457111	-
11/2	3/2	4	0.0028175	+	13/2	-5/2	3	0.4018197	-
13/2	-13/2	0	0.2502149	-	13/2	-3/2	3	0.3369907	-
13/2	-11/2	0	0.3816842	-	13/2	-1/2	3	0.2628382	-
13/2	-9/2	0	0.4416406	-	13/2	1/2	3	0.1887736	-
13/2	-7/2	0	0.4305979	-	13/2	3/2	3	0.1220020	-
13/2	-5/2	0	0.3568545	-	13/2	5/2	3	0.0675078	-
13/2	-3/2	0	0.2345487	-	13/2	7/2	3	0.0279749	-
13/2	-1/2	0	0.0816594	-	13/2	-19/2	4	-0.5163978	-
13/2	1/2	0	-0.0816594	-	13/2	-17/2	4	-0.5803810	-
13/2	3/2	0	-0.2345487	-	13/2	-15/2	4	-0.5556725	-
13/2	5/2	0	-0.3568545	-	13/2	-13/2	4	-0.4921118	-
13/2	7/2	0	-0.4305979	-	13/2	-11/2	4	-0.4126483	-
13/2	9/2	0	-0.4416406	-	13/2	-9/2	4	-0.3301187	-
13/2	11/2	0	-0.3816842	-	13/2	-7/2	4	-0.2521323	-
13/2	13/2	0	-0.2502149	-	13/2	-5/2	4	-0.1831169	-
13/2	-15/2	1	-0.3995612	-	13/2	-3/2	4	-0.1253716	-
13/2	-13/2	1	-0.4810478	-	13/2	-1/2	4	-0.0796914	-
13/2	-11/2	1	-0.4371193	-	13/2	1/2	4	-0.0457792	-
13/2	-9/2	1	-0.3151654	-	13/2	3/2	4	-0.0225401	-
13/2	-7/2	1	-0.1522393	-	13/2	5/2	4	-0.0082945	-
13/2	-5/2	1	0.0214113	-	15/2	-15/2	0	0.4374786	+
13/2	-3/2	1	0.1816807	-	15/2	-13/2	0	0.4903293	+
13/2	-1/2	1	0.3104131	-	15/2	-11/2	0	0.3975564	+
13/2	1/2	1	0.3953318	-	15/2	-9/2	0	0.2263279	+
13/2	3/2	1	0.4300060	-	15/2	-7/2	0	0.0285146	+
13/2	5/2	1	0.4138281	-	15/2	-5/2	0	-0.1551767	+
13/2	7/2	1	0.3519810	-	15/2	-3/2	0	-0.2944271	+
13/2	9/2	1	0.2553352	-	15/2	-1/2	0	-0.3690839	+
13/2	11/2	1	0.1398744	-	15/2	1/2	0	-0.3690839	+
13/2	-17/2	2	0.5650648	-	15/2	3/2	0	-0.2944271	+
13/2	-15/2	2	0.4701623	-	15/2	5/2	0	-0.1551767	+
13/2	-13/2	2	0.2687739	-	15/2	7/2	0	0.0285146	+
13/2	-11/2	2	0.0514663	-	15/2	9/2	0	0.2263279	+
13/2	-9/2	2	-0.1409462	-	15/2	11/2	0	0.3975564	+
13/2	-7/2	2	-0.2888538	-	15/2	13/2	0	0.4903293	+
13/2	-5/2	2	-0.3846090	-	15/2	15/2	0	0.4374786	+
13/2	-3/2	2	-0.4282254	-	15/2	-17/2	1	-0.5869392	+
13/2	-1/2	2	-0.4249035	-	15/2	-15/2	1	-0.4041255	+
13/2	1/2	2	-0.3833790	-	15/2	-13/2	1	-0.1310051	+
13/2	3/2	2	-0.3146801	-	15/2	-11/2	1	0.1168752	+
13/2	5/2	2	-0.2310879	-	15/2	-9/2	1	0.2921881	+
13/2	7/2	2	-0.1451545	-	15/2	-7/2	1	0.3782894	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					15/2	-5/2	4	0.3447977	+
					15/2	-3/2	4	0.2725865	+
15/2	-5/2	1	0.3762835	+	15/2	-1/2	4	0.2031740	+
15/2	-3/2	1	0.2986036	+	15/2	1/2	4	0.1407631	+
15/2	-1/2	1	0.1650593	+	15/2	3/2	4	0.0883494	+
15/2	1/2	1	0.0000000	+	15/2	5/2	4	0.0477141	+
15/2	3/2	1	-0.1699876	+	15/2	7/2	4	0.0193719	+
15/2	5/2	1	-0.3181552	+	17/2	-17/2	0	0.6031212	-
15/2	7/2	1	-0.4196595	+	17/2	-15/2	0	0.3900757	-
15/2	9/2	1	-0.4538150	+	17/2	-13/2	0	0.0941442	-
15/2	11/2	1	-0.4067326	+	17/2	-11/2	0	-0.1603136	-
15/2	13/2	1	-0.2739598	+	17/2	-9/2	0	-0.3253280	-
15/2	-19/2	2	0.6030227	+	17/2	-7/2	0	-0.3877270	-
15/2	-17/2	2	0.0357200	+	17/2	-5/2	0	-0.3544629	-
15/2	-15/2	2	-0.2835186	+	17/2	-3/2	0	-0.2451381	-
15/2	-13/2	2	-0.4132163	+	17/2	-1/2	0	-0.0872637	-
15/2	-11/2	2	-0.4055699	+	17/2	1/2	0	0.0872637	-
15/2	-9/2	2	-0.3064494	+	17/2	3/2	0	0.2451381	-
15/2	-7/2	2	-0.1553982	+	17/2	5/2	0	0.3544629	-
15/2	-5/2	2	0.0143666	+	17/2	7/2	0	0.3877270	-
15/2	-3/2	2	0.1759538	+	17/2	9/2	0	0.3253280	-
15/2	-1/2	2	0.3087977	+	17/2	11/2	0	0.1603136	-
15/2	1/2	2	0.3986562	+	17/2	13/2	0	-0.0941442	-
15/2	3/2	2	0.4376073	+	17/2	15/2	0	-0.3900757	-
15/2	5/2	2	0.4240407	+	17/2	17/2	0	-0.6031212	-
15/2	7/2	2	0.3626303	+	17/2	-19/2	1	-0.5878499	-
15/2	9/2	2	0.2642327	+	17/2	-17/2	1	0.0327088	-
15/2	11/2	2	0.1452891	+	17/2	-15/2	1	0.3430749	-
15/2	-19/2	3	0.5825753	+	17/2	-13/2	1	0.4279939	-
15/2	-17/2	3	0.5051568	+	17/2	-11/2	1	0.3617390	-
15/2	-15/2	3	0.3154703	+	17/2	-9/2	1	0.2081106	-
15/2	-13/2	3	0.1020171	+	17/2	-7/2	1	0.0204350	-
15/2	-11/2	3	-0.0945723	+	17/2	-5/2	1	-0.1584358	-
15/2	-9/2	3	-0.2537642	+	17/2	-3/2	1	-0.2961268	-
15/2	-7/2	3	-0.3662771	+	17/2	-1/2	1	-0.3707422	-
15/2	-5/2	3	-0.4300383	+	17/2	1/2	1	-0.3708705	-
15/2	-3/2	3	-0.4479053	+	17/2	3/2	1	-0.2955937	-
15/2	-1/2	3	-0.4261814	+	17/2	5/2	1	-0.1545038	-
15/2	1/2	3	-0.3735308	+	17/2	7/2	1	0.0322608	-
15/2	3/2	3	-0.3001079	+	17/2	9/2	1	0.2339320	-
15/2	5/2	3	-0.2167863	+	17/2	11/2	1	0.4088806	-
15/2	7/2	3	-0.1343986	+	17/2	13/2	1	0.5038169	-
15/2	9/2	3	-0.0627721	+	17/2	15/2	1	0.4495400	-
15/2	-19/2	4	0.3113996	+	17/2	-19/2	2	-0.6048925	-
15/2	-17/2	4	0.4461424	+	17/2	-17/2	2	-0.4415694	-
15/2	-15/2	4	0.5151609	+	17/2	-15/2	2	-0.1779720	-
15/2	-13/2	4	0.5349820	+	17/2	-13/2	2	0.0728086	-
15/2	-11/2	4	0.5179941	+	17/2	-11/2	2	0.2626060	-
15/2	-9/2	4	0.4747494	+	17/2	-9/2	2	0.3720764	-
15/2	-7/2	4	0.4143953	+	17/2	-7/2	2	0.3985014	-

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					19/2	-5/2	0	0.1567549	+
					19/2	-3/2	0	0.2954347	+
17/2	-5/2	2	0.3498635	-	19/2	-1/2	0	0.3702283	+
17/2	-3/2	2	0.2412876	-	19/2	1/2	0	0.3702283	+
17/2	-1/2	2	0.0925571	-	19/2	3/2	0	0.2954347	+
17/2	1/2	2	-0.0738350	-	19/2	5/2	0	0.1567549	+
17/2	3/2	2	-0.2343761	-	19/2	7/2	0	-0.0239963	+
17/2	5/2	2	-0.3661396	-	19/2	9/2	0	-0.2140967	+
17/2	7/2	2	-0.4484480	-	19/2	11/2	0	-0.3699167	+
17/2	9/2	2	-0.4647451	-	19/2	13/2	0	-0.4369193	+
17/2	11/2	2	-0.4048322	-	19/2	15/2	0	-0.3496601	+
17/2	13/2	2	-0.2670666	-	19/2	17/2	0	-0.0317873	+
17/2	-19/2	3	-0.4000988	-	19/2	19/2	0	0.6039583	+
17/2	-17/2	3	-0.5062743	-	19/2	-19/2	1	0.6196482	+
17/2	-15/2	3	-0.4949085	-	19/2	-17/2	1	0.4264711	+
17/2	-13/2	3	-0.4045925	-	19/2	-15/2	1	0.1393418	+
17/2	-11/2	3	-0.2656551	-	19/2	-13/2	1	-0.1198579	+
17/2	-9/2	3	-0.1035284	-	19/2	-11/2	1	-0.3017441	+
17/2	-7/2	3	0.0606200	-	19/2	-9/2	1	-0.3895899	+
17/2	-5/2	3	0.2097053	-	19/2	-7/2	1	-0.3855555	+
17/2	-3/2	3	0.3306585	-	19/2	-5/2	1	-0.3038322	+
17/2	-1/2	3	0.4143980	-	19/2	-3/2	1	-0.1664053	+
17/2	1/2	3	0.4558145	-	19/2	-1/2	1	0.0000000	+
17/2	3/2	3	0.4537615	-	19/2	1/2	1	0.1664053	+
17/2	5/2	3	0.4110435	-	19/2	3/2	1	0.3038322	+
17/2	7/2	3	0.3343914	-	19/2	5/2	1	0.3855555	+
17/2	9/2	3	0.2343761	-	19/2	7/2	1	0.3895899	+
17/2	11/2	3	0.1249090	-	19/2	9/2	1	0.3017441	+
17/2	-19/2	4	-0.1686965	-	19/2	11/2	1	0.1198579	+
17/2	-17/2	4	-0.2896164	-	19/2	13/2	1	-0.1393418	+
17/2	-15/2	4	-0.3891604	-	19/2	15/2	1	-0.4264711	+
17/2	-13/2	4	-0.4623914	-	19/2	17/2	1	-0.6196482	+
17/2	-11/2	4	-0.5071836	-	19/2	-19/2	2	0.4381574	+
17/2	-9/2	4	-0.5238169	-	19/2	-17/2	2	0.5207988	+
17/2	-7/2	4	-0.5143780	-	19/2	-15/2	2	0.4644963	+
17/2	-5/2	4	-0.4822883	-	19/2	-13/2	2	0.3243153	+
17/2	-3/2	4	-0.4319330	-	19/2	-11/2	2	0.1434052	+
17/2	-1/2	4	-0.3683537	-	19/2	-9/2	2	-0.0430808	+
17/2	1/2	4	-0.2969763	-	19/2	-7/2	2	-0.2072488	+
17/2	3/2	4	-0.2233563	-	19/2	-5/2	2	-0.3282532	+
17/2	5/2	4	-0.1529216	-	19/2	-3/2	2	-0.3922210	+
17/2	7/2	4	-0.0906824	-	19/2	-1/2	2	-0.3922210	+
17/2	9/2	4	-0.0407951	-	19/2	1/2	2	-0.3282532	+
19/2	-19/2	0	0.6039583	+	19/2	3/2	2	-0.2072488	+
19/2	-17/2	0	-0.0317873	+	19/2	5/2	2	-0.0430808	+
19/2	-15/2	0	-0.3496601	+	19/2	7/2	2	0.1434052	+
19/2	-13/2	0	-0.4369193	+	19/2	9/2	2	0.3243153	+
19/2	-11/2	0	-0.3699167	+	19/2	11/2	2	0.4644963	+
19/2	-9/2	0	-0.2140967	+	19/2	13/2	2	0.5207988	+
19/2	-7/2	0	-0.0239963	+	19/2	15/2	2	0.4381574	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					6	6	0	0.0945723 +	
					6	-7	1	-0.1743828 +	
19/2	-19/2	3	0.2295668 +		6	-6	1	-0.2930217 +	
19/2	-17/2	3	0.3686637 +		6	-5	1	-0.3841547 +	
19/2	-15/2	3	0.4561030 +		6	-4	1	-0.4435836 +	
19/2	-13/2	3	0.4877938 +		6	-3	1	-0.4704915 +	
19/2	-11/2	3	0.4653256 +		6	-2	1	-0.4668583 +	
19/2	-9/2	3	0.3948419 +		6	-1	1	-0.4367059 +	
19/2	-7/2	3	0.2857656 +		6	0	1	-0.3854955 +	
19/2	-5/2	3	0.1497819 +		6	1	1	-0.3196360 +	
19/2	-3/2	3	0.0000000 +		6	2	1	-0.2460559 +	
19/2	-1/2	3	-0.1497819 +		6	3	1	-0.1717992 +	
19/2	1/2	3	-0.2857656 +		6	4	1	-0.1035988 +	
19/2	3/2	3	-0.3948419 +		6	5	1	-0.0472862 +	
19/2	5/2	3	-0.4653256 +		6	-8	2	0.3020398 +	
19/2	7/2	3	-0.4877938 +		6	-7	2	0.4271489 +	
19/2	9/2	3	-0.4561030 +		6	-6	2	0.4859215 +	
19/2	11/2	3	-0.3686637 +		6	-5	2	0.4959416 +	
19/2	13/2	3	-0.2295668 +		6	-4	2	0.4704915 +	
19/2	-19/2	4	0.0811641 +		6	-3	2	0.4208204 +	
19/2	-17/2	4	0.1612568 +		6	-2	2	0.3565689 +	
19/2	-15/2	4	0.2463238 +		6	-1	2	0.2858911 +	
19/2	-13/2	4	0.3290349 +		6	0	2	0.2154986 +	
19/2	-11/2	4	0.4029838 +		6	1	2	0.1506779 +	
19/2	-9/2	4	0.4629931 +		6	2	2	0.0952970 +	
19/2	-7/2	4	0.5051669 +		6	3	2	0.0517994 +	
19/2	-5/2	4	0.5269044 +		6	4	2	0.0211470 +	
19/2	-3/2	4	0.5269044 +		6	-9	3	-0.4976134 +	
19/2	-1/2	4	0.5051669 +		6	-8	3	-0.5592691 +	
19/2	1/2	4	0.4629931 +		6	-7	3	-0.5354594 +	
19/2	3/2	4	0.4029838 +		6	-6	3	-0.4742108 +	
19/2	5/2	4	0.3290349 +		6	-5	3	-0.3976379 +	
19/2	7/2	4	0.2463238 +		6	-4	3	-0.3181103 +	
19/2	9/2	4	0.1612568 +		6	-3	3	-0.2429608 +	
19/2	11/2	4	0.0811641 +		6	-2	3	-0.1764558 +	
J1 = 10					6	-1	3	-0.1208111 +	
					6	0	3	-0.0767925 +	
					6	1	3	-0.0441140 +	
6	-6	0	0.0945723 +		6	2	3	-0.0217202 +	
6	-5	0	0.1831386 +		6	3	3	-0.0079928 +	
6	-4	0	0.2716384 +		6	-10	4	0.7867958 +	
6	-3	0	0.3506836 +		6	-9	4	0.6094494 +	
6	-2	0	0.4126483 +		6	-8	4	0.4637215 +	
6	-1	0	0.4520336 +		6	-7	4	0.3456376 +	
6	0	0	0.4655301 +		6	-6	4	0.2514883 +	
6	1	0	0.4520336 +		6	-5	4	0.1778291 +	
6	2	0	0.4126483 +		6	-4	4	0.1214804 +	
6	3	0	0.3506836 +		6	-3	4	0.0795276 +	
6	4	0	0.2716384 +		6	-2	4	0.0493209 +	
6	5	0	0.1831386 +		6	-1	4	0.0284754 +	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					7	-10	3	-0.6741999	-
					7	-9	3	-0.2417469	-
6	0	4	0.0148708	+	7	-8	3	0.0666553	-
6	1	4	0.0066504	+	7	-7	3	0.2721190	-
6	2	4	0.0022168	+	7	-6	3	0.3940064	-
7	-7	0	0.2362655	-	7	-5	3	0.4499291	-
7	-6	0	0.3675556	-	7	-4	3	0.4557486	-
7	-5	0	0.4365394	-	7	-3	3	0.4255756	-
7	-4	0	0.4417468	-	7	-2	3	0.3717703	-
7	-3	0	0.3884956	-	7	-1	3	0.3049423	-
7	-2	0	0.2873314	-	7	0	3	0.2339496	-
7	-1	0	0.1523805	-	7	1	3	0.1658976	-
7	0	0	0.0000000	-	7	2	3	0.1061357	-
7	1	0	-0.1523805	-	7	3	3	0.0582452	-
7	2	0	-0.2873314	-	7	4	3	0.0239715	-
7	3	0	-0.3884956	-	7	-10	4	-0.5096472	-
7	4	0	-0.4417468	-	7	-9	4	-0.5810872	-
7	5	0	-0.4365394	-	7	-8	4	-0.5655888	-
7	6	0	-0.3675556	-	7	-7	4	-0.5105405	-
7	7	0	-0.2362655	-	7	-6	4	-0.4377849	-
7	-8	1	-0.3882238	-	7	-5	4	-0.3596770	-
7	-7	1	-0.4800651	-	7	-4	4	-0.2837170	-
7	-6	1	-0.4540010	-	7	-3	4	-0.2144699	-
7	-5	1	-0.3514074	-	7	-2	4	-0.1545420	-
7	-4	1	-0.2047551	-	7	-1	4	-0.1051525	-
7	-3	1	-0.0409510	-	7	0	4	-0.0665043	-
7	-2	1	0.1180334	-	7	1	4	-0.0380456	-
7	-1	1	0.2549813	-	7	2	4	-0.0186672	-
7	0	1	0.3573639	-	7	3	4	-0.0068490	-
7	1	1	0.4173112	-	8	-8	0	0.4264711	+
7	2	1	0.4315953	-	8	-7	0	0.4933006	+
7	3	1	0.4016163	-	8	-6	0	0.4214553	+
7	4	1	0.3333744	-	8	-5	0	0.2699947	+
7	5	1	0.2373796	-	8	-4	0	0.0849218	+
7	6	1	0.1281329	-	8	-3	0	-0.0969033	+
7	-9	2	0.5640761	-	8	-2	0	-0.2470266	+
7	-8	2	0.4891160	-	8	-1	0	-0.3451907	+
7	-7	2	0.3054528	-	8	0	0	-0.3792596	+
7	-6	2	0.0987776	-	8	1	0	-0.3451907	+
7	-5	2	-0.0915693	-	8	2	0	-0.2470266	+
7	-4	2	-0.2457062	-	8	3	0	-0.0969033	+
7	-3	2	-0.3546463	-	8	4	0	0.0849218	+
7	-2	2	-0.4163828	-	8	5	0	0.2699947	+
7	-1	2	-0.4336825	-	8	6	0	0.4214553	+
7	0	2	-0.4126483	-	8	7	0	0.4933006	+
7	1	2	-0.3616697	-	8	8	0	0.4264711	+
7	2	2	-0.2905782	-	8	-9	1	-0.5878499	+
7	3	2	-0.2099024	-	8	-8	1	-0.4291283	+
7	4	2	-0.1301309	-	8	-7	1	-0.1729577	+
7	5	2	-0.0607788	-	8	-6	1	0.0707572	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					8	-8	4	0.5074031 +	
					8	-7	4	0.5348498 +	
8	-5	1	0.2552072 +		8	-6	4	0.5269257 +	
8	-4	1	0.3615933 +		8	-5	4	0.4928938 +	
8	-3	1	0.3872737 +		8	-4	4	0.4408576 +	
8	-2	1	0.3400062 +		8	-3	4	0.3778780 +	
8	-1	1	0.2344894 +		8	-2	4	0.3100159 +	
8	0	1	0.0899493 +		8	-1	4	0.2423506 +	
8	1	1	-0.0717547 +		8	0	4	0.1789877 +	
8	2	1	-0.2277726 +		8	1	4	0.1230633 +	
8	3	1	-0.3558237 +		8	2	4	0.0767435 +	
8	4	1	-0.4358131 +		8	3	4	0.0412179 +	
8	5	1	-0.4516510 +		8	4	4	0.0166545 +	
8	6	1	-0.3934262 +		9	-9	0	0.6039583 -	
8	7	1	-0.2595421 +		9	-8	0	0.4156726 -	
8	-10	2	0.6196482 +		9	-7	0	0.1358136 -	
8	-9	2	0.0692788 +		9	-6	0	-0.1168230 -	
8	-8	2	-0.2544307 +		9	-5	0	-0.2941038 -	
8	-7	2	-0.4017247 +		9	-4	0	-0.3797253 -	
8	-6	2	-0.4177598 +		9	-3	0	-0.3757930 -	
8	-5	2	-0.3426047 +		9	-2	0	-0.2961390 -	
8	-4	2	-0.2112402 +		9	-1	0	-0.1621918 -	
8	-3	2	-0.0535592 +		9	0	0	0.0000000 -	
8	-2	2	0.1056330 +		9	1	0	0.1621918 -	
8	-1	2	0.2466182 +		9	2	0	0.2961390 -	
8	0	2	0.3547649 +		9	3	0	0.3757930 -	
8	1	2	0.4205268 +		9	4	0	0.3797253 -	
8	2	2	0.4394397 +		9	5	0	0.2941038 -	
8	3	2	0.4121133 +		9	6	0	0.1168230 -	
8	4	2	0.3442068 +		9	7	0	-0.1358136 -	
8	5	2	0.2463363 +		9	8	0	-0.4156726 -	
8	6	2	0.1335333 +		9	9	0	-0.6039583 -	
8	-10	3	0.5796278 +		9	-10	1	-0.6039583 -	
8	-9	3	0.5205905 +		9	-9	1	0.0000000 -	
8	-8	3	0.3482848 +		9	-8	1	0.3188064 -	
8	-7	3	0.1464746 +		9	-7	1	0.4258125 -	
8	-6	3	-0.0458630 +		9	-6	1	0.3858642 -	
8	-5	3	-0.2082857 +		9	-5	1	0.2553011 -	
8	-4	3	-0.3306432 +		9	-4	1	0.0819560 -	
8	-3	3	-0.4093678 +		9	-3	1	-0.0948456 -	
8	-2	3	-0.4454191 +		9	-2	1	-0.2442868 -	
8	-1	3	-0.4429721 +		9	-1	1	-0.3440607 -	
8	0	3	-0.4084818 +		9	0	1	-0.3803734 -	
8	1	3	-0.3499532 +		9	1	1	-0.3479485 -	
8	2	3	-0.2763221 +		9	2	1	-0.2500355 -	
8	3	3	-0.1968845 +		9	3	1	-0.0984260 -	
8	4	3	-0.1207094 +		9	4	1	0.0865125 -	
8	5	3	-0.0558610 +		9	5	1	0.2757567 -	
8	-10	4	0.2993185 +		9	6	1	0.4314093 -	
8	-9	4	0.4337537 +		9	7	1	0.5059406 -	

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					9	2	4	-0.2028307	-
					9	3	4	-0.1377963	-
9	8	1	0.4381574	-	9	4	4	-0.0811641	-
9	-10	2	-0.6039583	-	9	5	4	-0.0362977	-
9	-9	2	-0.4632149	-	10	-10	0	0.6188731	+
9	-8	2	-0.2169203	-	10	-9	0	0.0000000	+
9	-7	2	0.0274385	-	10	-8	0	-0.3257227	+
9	-6	2	0.2227125	-	10	-7	0	-0.4342969	+
9	-5	2	0.3481924	-	10	-6	0	-0.3927833	+
9	-4	2	0.3983516	-	10	-5	0	-0.2593008	+
9	-3	2	0.3774808	-	10	-4	0	-0.0830274	+
9	-2	2	0.2965313	-	10	-3	0	0.0958008	+
9	-1	2	0.1709652	-	10	-2	0	0.2458887	+
9	0	2	0.0191145	-	10	-1	0	0.3448829	+
9	1	2	-0.1391953	-	10	0	0	0.3793711	+
9	2	2	-0.2839039	-	10	1	0	0.3448829	+
9	3	2	-0.3959612	-	10	2	0	0.2458887	+
9	4	2	-0.4586612	-	10	3	0	0.0958008	+
9	5	2	-0.4591819	-	10	4	0	-0.0830274	+
9	6	2	-0.3904565	-	10	5	0	-0.2593008	+
9	7	2	-0.2529703	-	10	6	0	-0.3927833	+
9	-10	3	-0.3875534	-	10	7	0	-0.4342969	+
9	-9	3	-0.5003293	-	10	8	0	-0.3257227	+
9	-8	3	-0.5029557	-	10	9	0	0.0000000	+
9	-7	3	-0.4294802	-	10	10	0	0.6188731	+
9	-6	3	-0.3066512	-	10	-10	1	0.6188731	+
9	-5	3	-0.1571120	-	10	-9	1	0.4489778	+
9	-4	3	0.0000000	-	10	-8	1	0.1784057	+
9	-3	3	0.1488804	-	10	-7	1	-0.0765474	+
9	-2	3	0.2769952	-	10	-6	1	-0.2669649	+
9	-1	3	0.3750533	-	10	-5	1	-0.3739325	+
9	0	3	0.4369935	-	10	-4	1	-0.3958530	+
9	1	3	0.4599769	-	10	-3	1	-0.3422531	+
9	2	3	0.4443799	-	10	-2	1	-0.2300416	+
9	3	3	0.3937859	-	10	-1	1	-0.0808822	+
9	4	3	0.3149631	-	10	0	1	0.0808822	+
9	5	3	0.2177862	-	10	1	1	0.2300416	+
9	6	3	0.1147834	-	10	2	1	0.3422531	+
9	-10	4	-0.1582180	-	10	3	1	0.3958530	+
9	-9	4	-0.2740416	-	10	4	1	0.3739325	+
9	-8	4	-0.3719407	-	10	5	1	0.2669649	+
9	-7	4	-0.4470171	-	10	6	1	0.0765474	+
9	-6	4	-0.4968318	-	10	7	1	-0.1784057	+
9	-5	4	-0.5210816	-	10	8	1	-0.4489778	+
9	-4	4	-0.5210816	-	10	9	1	-0.6188731	+
9	-3	4	-0.4993602	-	10	-10	2	0.4259377	+
9	-2	4	-0.4593446	-	10	-9	2	0.5184349	+
9	-1	4	-0.4051038	-	10	-8	2	0.4793423	+
9	0	4	-0.3411280	-	10	-7	2	0.3575103	+
9	1	4	-0.2721260	-	10	-6	2	0.1913673	+

J2 = 4

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					10	6	4	0.0743881 +	
10	-5	2	0.0126451 +						
10	-4	2	-0.1529216 +						
10	-3	2	-0.2853942 +						
10	-2	2	-0.3705580 +						
10	-1	2	-0.3998923 +						
10	0	2	-0.3705580 +						
10	1	2	-0.2853942 +						
10	2	2	-0.1529216 +						
10	3	2	0.0126451 +						
10	4	2	0.1913673 +						
10	5	2	0.3575103 +						
10	6	2	0.4793423 +						
10	7	2	0.5184349 +						
10	8	2	0.4259377 +						
10	-10	3	0.2168769 +						
10	-9	3	0.3528540 +						
10	-8	3	0.4437111 +						
10	-7	3	0.4847011 +						
10	-6	3	0.4760827 +						
10	-5	3	0.4221916 +						
10	-4	3	0.3303484 +						
10	-3	3	0.2099939 +						
10	-2	3	0.0719888 +						
10	-1	3	-0.0719888 +						
10	0	3	-0.2099939 +						
10	1	3	-0.3303484 +						
10	2	3	-0.4221916 +						
10	3	3	-0.4760827 +						
10	4	3	-0.4847011 +						
10	5	3	-0.4437111 +						
10	6	3	-0.3528540 +						
10	7	3	-0.2168769 +						
10	-10	4	0.0743881 +						
10	-9	4	0.1487763 +						
10	-8	4	0.2289619 +						
10	-7	4	0.3084462 +						
10	-6	4	0.3814535 +						
10	-5	4	0.4432089 +						
10	-4	4	0.4899859 +						
10	-3	4	0.5191189 +						
10	-2	4	0.5290078 +						
10	-1	4	0.5191189 +						
10	0	4	0.4899859 +						
10	1	4	0.4432089 +						
10	2	4	0.3814535 +						
10	3	4	0.3084462 +						
10	4	4	0.2289619 +						
10	5	4	0.1487763 +						

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 0					4	0	4	-0.4045199 +	
					4	-1	5	0.9045340 +	
5	0	0	1.0000000 +		5	-1	0	-0.7071068 -	
5	0	1	1.0000000 +		5	0	0	0.0000000 -	
5	0	2	1.0000000 +		5	1	0	0.7071068 -	
5	0	3	1.0000000 +		5	-1	1	-0.7071068 -	
5	0	4	1.0000000 +		5	0	1	-0.1825742 -	
5	0	5	1.0000000 +		5	1	1	0.6831301 -	
J1 = 1/2					5	-1	2	-0.6831301 -	
					5	0	2	-0.3651484 -	
					5	1	2	0.6324555 -	
9/2	-1/2	0	-0.6741999 -		5	-1	3	-0.6324555 -	
9/2	1/2	0	0.6741999 -		5	0	3	-0.5477226 -	
9/2	-1/2	1	-0.7385489 -		5	1	3	0.5477226 -	
9/2	1/2	1	0.6030227 -		5	-1	4	-0.5477226 -	
9/2	-1/2	2	-0.7977240 -		5	0	4	-0.7302967 -	
9/2	1/2	2	0.5222330 -		5	1	4	0.4082483 -	
9/2	-1/2	3	-0.8528029 -		5	-1	5	-0.4082483 -	
9/2	1/2	3	0.4264014 -		5	0	5	-0.9128709 -	
9/2	-1/2	4	-0.9045340 -		6	-1	0	0.5640761 +	
9/2	1/2	4	0.3015113 -		6	0	0	0.7385489 +	
9/2	-1/2	5	-0.9534626 -		6	1	0	0.5640761 +	
11/2	-1/2	0	0.7385489 +		6	-1	1	0.4767313 +	
11/2	1/2	0	0.7385489 +		6	0	1	0.7282191 +	
11/2	-1/2	1	0.6741999 +		6	1	1	0.6513389 +	
11/2	1/2	1	0.7977240 +		6	-1	2	0.3892495 +	
11/2	-1/2	2	0.6030227 +		6	0	2	0.6963106 +	
11/2	1/2	2	0.8528029 +		6	1	2	0.7385489 +	
11/2	-1/2	3	0.5222330 +		6	-1	3	0.3015113 +	
11/2	1/2	3	0.9045340 +		6	0	3	0.6396021 +	
11/2	-1/2	4	0.4264014 +		6	1	3	0.8257228 +	
11/2	1/2	4	0.9534626 +		6	-1	4	0.2132007 +	
11/2	-1/2	5	0.3015113 +		6	0	4	0.5504819 +	
11/2	1/2	5	1.0000000 +		6	1	4	0.9128709 +	
J1 = 1					6	-1	5	0.1230915 +	
					6	0	5	0.4082483 +	
					6	1	5	1.0000000 +	
4	-1	0	0.4264014 +		J1 = 3/2				
4	0	0	-0.6741999 +		7/2	-3/2	0	-0.2461830 -	
4	1	0	0.4264014 +		7/2	-1/2	0	0.5504819 -	
4	-1	1	0.5222330 +		7/2	1/2	0	-0.5504819 -	
4	0	1	-0.6605783 +		7/2	3/2	0	0.2461830 -	
4	1	1	0.3302891 +		7/2	-3/2	1	-0.3481553 -	
4	-1	2	0.6179144 +		7/2	-1/2	1	0.6030227 -	
4	0	2	-0.6179144 +		7/2	1/2	1	-0.4670994 -	
4	1	2	0.2335497 +		7/2	3/2	1	0.1556998 -	
4	-1	3	0.7135061 +		7/2	-3/2	2	-0.4605662 -	
4	0	3	-0.5393599 +		7/2	-1/2	2	0.6179144 -	
4	1	3	0.1348400 +						
4	-1	4	0.8090398 +						

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3/2					11/2	3/2	4	0.4803845	-
					11/2	-3/2	5	-0.2048366	-
7/2	1/2	2	-0.3567530	-	11/2	-1/2	5	-0.5288859	-
7/2	3/2	2	0.0778499	-	11/2	1/2	5	-0.8770580	-
7/2	-3/2	3	-0.5825753	-	13/2	-3/2	0	0.4424977	+
7/2	-1/2	3	0.5825753	-	13/2	-1/2	0	0.6637465	+
7/2	1/2	3	-0.2201928	-	13/2	1/2	0	0.6637465	+
7/2	-3/2	4	-0.7135061	-	13/2	3/2	0	0.4424977	+
7/2	-1/2	4	0.4670994	-	13/2	-3/2	1	0.3498251	+
7/2	-3/2	5	-0.8528029	-	13/2	-1/2	1	0.6059149	+
9/2	-3/2	0	0.5504819	+	13/2	1/2	1	0.6996503	+
9/2	-1/2	0	-0.3892495	+	13/2	3/2	1	0.5419468	+
9/2	1/2	0	-0.3892495	+	13/2	-3/2	2	0.2644429	+
9/2	3/2	0	0.5504819	+	13/2	-1/2	2	0.5288859	+
9/2	-3/2	1	0.6154575	+	13/2	1/2	2	0.7095749	+
9/2	-1/2	1	-0.2132007	+	13/2	3/2	2	0.6477503	+
9/2	1/2	1	-0.5222330	+	13/2	-3/2	3	0.1869894	+
9/2	3/2	1	0.4605662	+	13/2	-1/2	3	0.4345241	+
9/2	-3/2	2	0.6513389	+	13/2	1/2	3	0.6870429	+
9/2	-1/2	2	0.0000000	+	13/2	3/2	3	0.7595545	+
9/2	1/2	2	-0.6030227	+	13/2	-3/2	4	0.1182625	+
9/2	3/2	2	0.3481553	+	13/2	-1/2	4	0.3238751	+
9/2	-3/2	3	0.6513389	+	13/2	1/2	4	0.6201737	+
9/2	-1/2	3	0.2461830	+	13/2	3/2	4	0.8770580	+
9/2	1/2	3	-0.6154575	+	13/2	-3/2	5	0.0591312	+
9/2	3/2	3	0.2132007	+	13/2	-1/2	5	0.1961161	+
9/2	-3/2	4	0.6030227	+	13/2	1/2	5	0.4803845	+
9/2	-1/2	4	0.5222330	+	13/2	3/2	5	1.0000000	+
9/2	1/2	4	-0.5222330	+					
9/2	-3/2	5	0.4767313	+	J1 = 2				
9/2	-1/2	5	0.8257228	+					
11/2	-3/2	0	-0.6637465	-	3	-2	0	0.1230915	+
11/2	-1/2	0	-0.3238751	-	3	-1	0	-0.3892495	+
11/2	1/2	0	0.3238751	-	3	0	0	0.5504819	+
11/2	3/2	0	0.6637465	-	3	1	0	-0.3892495	+
11/2	-3/2	1	-0.6145099	-	3	2	0	0.1230915	+
11/2	-1/2	1	-0.4730499	-	3	-2	1	0.2132007	+
11/2	1/2	1	0.1399301	-	3	-1	1	-0.4923660	+
11/2	3/2	1	0.6855145	-	3	0	1	0.5222330	+
11/2	-3/2	2	-0.5419468	-	3	1	1	-0.2696799	+
11/2	-1/2	2	-0.5817745	-	3	2	1	0.0550482	+
11/2	1/2	2	-0.0747958	-	3	-2	2	0.3256695	+
11/2	3/2	2	0.6731618	-	3	-1	2	-0.5640761	+
11/2	-3/2	3	-0.4487746	-	3	0	2	0.4369314	+
11/2	-1/2	3	-0.6412401	-	3	1	2	-0.1456438	+
11/2	1/2	3	-0.3173315	-	3	-2	3	0.4605662	+
11/2	3/2	3	0.6145099	-	3	-1	3	-0.5825753	+
11/2	-3/2	4	-0.3365809	-	3	0	3	0.2912876	+
11/2	-1/2	4	-0.6357640	-	3	-2	4	0.6179144	+
11/2	1/2	4	-0.5853694	-	3	-1	4	-0.5045250	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 2					5	1	4	-0.5883484	+
					5	-2	5	0.2773501	+
3	-2	5	0.7977240	+	5	-1	5	0.5883484	+
4	-2	0	-0.3692745	-	5	0	5	0.7595545	+
4	-1	0	0.5222330	-	6	-2	0	-0.6030227	-
4	0	0	0.0000000	-	6	-1	0	-0.4767313	-
4	1	0	-0.5222330	-	6	0	0	0.0000000	-
4	2	0	0.3692745	-	6	1	0	0.4767313	-
4	-2	1	-0.4767313	-	6	2	0	0.6030227	-
4	-1	1	0.4264014	-	6	-2	1	-0.5222330	-
4	0	1	0.2335497	-	6	-1	1	-0.5640761	-
4	1	1	-0.5393599	-	6	0	1	-0.2132007	-
4	2	1	0.2522625	-	6	1	1	0.3302891	-
4	-2	2	-0.5640761	-	6	2	1	0.6605783	-
4	-1	2	0.2522625	-	6	-2	2	-0.4264014	-
4	0	2	0.4369314	-	6	-1	2	-0.5921565	-
4	1	2	-0.4767313	-	6	0	2	-0.4077178	-
4	2	2	0.1348400	-	6	1	2	0.1248376	-
4	-2	3	-0.6179144	-	6	2	2	0.6837635	-
4	-1	3	0.0000000	-	6	-2	3	-0.3223292	-
4	0	3	0.5720776	-	6	-1	3	-0.5606119	-
4	1	3	-0.3302891	-	6	0	3	-0.5617690	-
4	-2	4	-0.6179144	-	6	1	3	-0.1395726	-
4	-1	4	-0.3302891	-	6	2	3	0.6546537	-
4	0	4	0.5720776	-	6	-2	4	-0.2162250	-
4	-2	5	-0.5222330	-	6	-1	4	-0.4684875	-
4	-1	5	-0.7385489	-	6	0	4	-0.6446584	-
5	-2	0	0.5991447	+	6	1	4	-0.4629100	-
5	-1	0	-0.1132277	+	6	2	4	0.5345225	-
5	0	0	-0.5063697	+	6	-2	5	-0.1139606	-
5	1	0	-0.1132277	+	6	-1	5	-0.3120939	-
5	2	0	0.5991447	+	6	0	5	-0.5976143	-
5	-2	1	0.6201737	+	6	1	5	-0.8451543	-
5	-1	1	0.1132277	+	7	-2	0	0.3547874	+
5	0	1	-0.4557327	+	7	-1	0	0.5793655	+
5	1	1	-0.3281651	+	7	0	0	0.6637465	+
5	2	1	0.5358913	+	7	1	0	0.5793655	+
5	-2	2	0.5991447	+	7	2	0	0.3547874	+
5	-1	2	0.3281651	+	7	-2	1	0.2644429	+
5	0	2	-0.3038218	+	7	-1	1	0.4947274	+
5	1	2	-0.5063697	+	7	0	1	0.6477503	+
5	2	2	0.4296689	+	7	1	1	0.6477503	+
5	-2	3	0.5358913	+	7	2	1	0.4580286	+
5	-1	3	0.5063697	+	7	-2	2	0.1869894	+
5	0	3	-0.0506370	+	7	-1	2	0.3998001	+
5	1	3	-0.6139406	+	7	0	2	0.5997002	+
5	2	3	0.2773501	+	7	1	2	0.6924742	+
5	-2	4	0.4296689	+	7	2	2	0.5741693	+
5	-1	4	0.6139406	+	7	-2	3	0.1224133	+
5	0	4	0.3038218	+	7	-1	3	0.2998501	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 2					7/2	5/2	1	0.1005038 +	
					7/2	-5/2	2	0.4494666 +	
7	0	3	0.5193556 +		7/2	-3/2	2	-0.4020151 +	
7	1	3	0.7032108 +		7/2	-1/2	2	-0.2201928 +	
7	2	3	0.7032108 +		7/2	1/2	2	0.5085134 +	
7	-2	4	0.0706753 +		7/2	3/2	2	-0.2378354 +	
7	-1	4	0.1999001 +		7/2	-5/2	3	0.5504819 +	
7	0	4	0.4059990 +		7/2	-3/2	3	-0.1906925 +	
7	1	4	0.6629935 +		7/2	-1/2	3	-0.4670994 +	
7	2	4	0.8451543 +		7/2	1/2	3	0.4119429 +	
7	-2	5	0.0316070 +		7/2	-5/2	4	0.6030227 +	
7	-1	5	0.1048285 +		7/2	-3/2	4	0.1556998 +	
7	0	5	0.2567763 +		7/2	-1/2	4	-0.5825753 +	
7	1	5	0.5345225 +		7/2	-5/2	5	0.5504819 +	
7	2	5	1.0000000 +		7/2	-3/2	5	0.6513389 +	
J1 = 5/2					9/2	-5/2	0	-0.4516223 -	
					9/2	-3/2	0	0.3966644 -	
					9/2	-1/2	0	0.3053524 -	
5/2	-5/2	0	-0.0465242 -		9/2	1/2	0	-0.3053524 -	
5/2	-3/2	0	0.2326211 -		9/2	3/2	0	-0.3966644 -	
5/2	-1/2	0	-0.4652421 -		9/2	5/2	0	0.4516223 -	
5/2	1/2	0	0.4652421 -		9/2	-5/2	1	-0.5397919 -	
5/2	3/2	0	-0.2326211 -		9/2	-3/2	1	0.1971041 -	
5/2	5/2	0	0.0465242 -		9/2	-1/2	1	0.4459957 -	
5/2	-5/2	1	-0.1139606 -		9/2	1/2	1	-0.0682789 -	
5/2	-3/2	1	0.3603750 -		9/2	3/2	1	-0.5162473 -	
5/2	-1/2	1	-0.5096472 -		9/2	5/2	1	0.3298183 -	
5/2	1/2	1	0.3603750 -		9/2	-5/2	2	-0.5830419 -	
5/2	3/2	1	-0.1139606 -		9/2	-3/2	2	-0.0521489 -	
5/2	-5/2	2	-0.2132007 -		9/2	-1/2	2	0.4516223 -	
5/2	-3/2	2	0.4767313 -		9/2	1/2	2	0.2168145 -	
5/2	-1/2	2	-0.4767313 -		9/2	3/2	2	-0.5296199 -	
5/2	1/2	2	0.2132007 -		9/2	5/2	2	0.1869894 -	
5/2	-5/2	3	-0.3481553 -		9/2	-5/2	3	-0.5712620 -	
5/2	-3/2	3	0.5504819 -		9/2	-3/2	3	-0.3128931 -	
5/2	-1/2	3	-0.3481553 -		9/2	-1/2	3	0.2896827 -	
5/2	-5/2	4	-0.5222330 -		9/2	1/2	3	0.4828045 -	
5/2	-3/2	4	0.5222330 -		9/2	3/2	3	-0.4096732 -	
5/2	-5/2	5	-0.7385489 -		9/2	-5/2	4	-0.4947274 -	
7/2	-5/2	0	0.2080626 +		9/2	-3/2	4	-0.5310850 -	
7/2	-3/2	0	-0.4834938 +		9/2	-1/2	4	-0.0682789 -	
7/2	-1/2	0	0.2942449 +		9/2	1/2	4	0.6145099 -	
7/2	1/2	0	0.2942449 +		9/2	-5/2	5	-0.3413944 -	
7/2	3/2	0	-0.4834938 +		9/2	-3/2	5	-0.6107048 -	
7/2	5/2	0	0.2080626 +		9/2	-1/2	5	-0.6477503 -	
7/2	-5/2	1	0.3289758 +		11/2	-5/2	0	0.6107048 +	
7/2	-3/2	1	-0.4938292 +		11/2	-3/2	0	0.0965609 +	
7/2	-1/2	1	0.0537215 +		11/2	-1/2	0	-0.4039433 +	
7/2	1/2	1	0.4577377 +		11/2	1/2	0	-0.4039433 +	
7/2	3/2	1	-0.3907295 +		11/2	3/2	0	0.0965609 +	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					13/2	-1/2	3	-0.5793655	-
					13/2	1/2	3	-0.4580286	-
11/2	5/2	0	0.6107048	+	13/2	3/2	3	0.0000000	-
11/2	-5/2	1	0.5913124	+	13/2	5/2	3	0.6793662	-
11/2	-3/2	1	0.3128931	+	13/2	-5/2	4	-0.1448414	-
11/2	-1/2	1	-0.2212488	+	13/2	-3/2	4	-0.3379632	-
11/2	1/2	1	-0.4861724	+	13/2	-1/2	4	-0.5397919	-
11/2	3/2	1	-0.1495915	+	13/2	1/2	4	-0.6201737	-
11/2	5/2	1	0.5793655	+	13/2	3/2	4	-0.3580574	-
11/2	-5/2	2	0.5288859	+	13/2	5/2	4	0.5773503	-
11/2	-3/2	2	0.4730499	+	13/2	-5/2	5	-0.0682789	-
11/2	-1/2	2	0.0282701	+	13/2	-3/2	5	-0.1931218	-
11/2	1/2	2	-0.4397802	+	13/2	-1/2	5	-0.3922323	-
11/2	3/2	2	-0.3917225	+	13/2	1/2	5	-0.6405126	-
11/2	5/2	2	0.4896532	+	13/2	3/2	5	-0.8164966	-
11/2	-5/2	3	0.4318335	+	15/2	-5/2	0	0.2896827	+
11/2	-3/2	3	0.5549403	+	15/2	-3/2	0	0.5017452	+
11/2	-1/2	3	0.3019528	+	15/2	-1/2	0	0.6257862	+
11/2	1/2	3	-0.2402962	+	15/2	1/2	0	0.6257862	+
11/2	3/2	3	-0.5810872	+	15/2	3/2	0	0.5017452	+
11/2	5/2	3	0.3314968	+	15/2	5/2	0	0.2896827	+
11/2	-5/2	4	0.3096839	+	15/2	-5/2	1	0.2048366	+
11/2	-3/2	4	0.5386185	+	15/2	-3/2	1	0.4039433	+
11/2	-1/2	4	0.5397302	+	15/2	-1/2	1	0.5712620	+
11/2	1/2	4	0.1340970	+	15/2	1/2	1	0.6477503	+
11/2	3/2	4	-0.6289709	+	15/2	3/2	1	0.5913124	+
11/2	-5/2	5	0.1731185	+	15/2	5/2	1	0.3922323	+
11/2	-3/2	5	0.4022911	+	15/2	-5/2	2	0.1365577	+
11/2	-1/2	5	0.6360781	+	15/2	-3/2	2	0.3053524	+
11/2	1/2	5	0.7032108	+	15/2	-1/2	2	0.4896532	+
13/2	-5/2	0	-0.5419468	-	15/2	1/2	2	0.6321395	+
13/2	-3/2	0	-0.5419468	-	15/2	3/2	2	0.6629935	+
13/2	-1/2	0	-0.2212488	-	15/2	5/2	2	0.5135526	+
13/2	1/2	0	0.2212488	-	15/2	-5/2	3	0.0836242	+
13/2	3/2	0	0.5419468	-	15/2	-3/2	3	0.2120260	+
13/2	5/2	0	0.5419468	-	15/2	-1/2	3	0.3871048	+
13/2	-5/2	1	-0.4424977	-	15/2	1/2	3	0.5741693	+
13/2	-3/2	1	-0.5712620	-	15/2	3/2	3	0.7032108	+
13/2	-1/2	1	-0.4039433	-	15/2	5/2	3	0.6546537	+
13/2	1/2	1	0.0000000	-	15/2	-5/2	4	0.0446990	+
13/2	3/2	1	0.4424977	-	15/2	-3/2	4	0.1290349	+
13/2	5/2	1	0.6257862	-	15/2	-1/2	4	0.2706660	+
13/2	-5/2	2	-0.3379632	-	15/2	1/2	4	0.4688072	+
13/2	-3/2	2	-0.5397919	-	15/2	3/2	4	0.6900656	+
13/2	-1/2	2	-0.5288859	-	15/2	5/2	4	0.8164966	+
13/2	1/2	2	-0.2365250	-	15/2	-5/2	5	0.0182483	+
13/2	3/2	2	0.2644429	-	15/2	-3/2	5	0.0605228	+
13/2	5/2	2	0.6793662	-	15/2	-1/2	5	0.1482499	+
13/2	-5/2	3	-0.2365250	-	15/2	1/2	5	0.3086067	+
13/2	-3/2	3	-0.4580286	-	15/2	3/2	5	0.5773503	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					3	-1	4	0.5640761	-
					3	-3	5	-0.5640761	-
15/2	5/2	5	1.0000000	+	3	-2	5	-0.5640761	-
J1 = 3					4	-3	0	0.2804841	+
					4	-2	0	-0.4896532	+
					4	-1	0	0.0273724	+
2	-2	0	-0.1040313	+	4	0	0	0.4240521	+
2	-1	0	0.3289758	+	4	1	0	0.0273724	+
2	0	0	-0.4652421	+	4	2	0	-0.4896532	+
2	1	0	0.3289758	+	4	3	0	0.2804841	+
2	2	0	-0.1040313	+	4	-3	1	0.4105867	+
2	-3	1	0.0465242	+	4	-2	1	-0.3950872	+
2	-2	1	-0.2279212	+	4	-1	1	-0.2458446	+
2	-1	1	0.4413674	+	4	0	1	0.3289252	+
2	0	1	-0.4161252	+	4	1	1	0.3039040	+
2	1	1	0.1801875	+	4	2	1	-0.4599331	+
2	-3	2	0.1230915	+	4	3	1	0.1448414	+
2	-2	2	-0.3692745	+	4	-3	2	0.5120916	+
2	-1	2	0.4767313	+	4	-2	2	-0.1869894	+
2	0	2	-0.2752409	+	4	-1	2	-0.4231087	+
2	-3	3	0.2461830	+	4	0	2	0.0647750	+
2	-2	3	-0.4923660	+	4	1	2	0.4897552	+
2	-1	3	0.3892495	+	4	2	2	-0.3128931	+
2	-3	4	0.4264014	+	4	-3	3	0.5609682	+
2	-2	4	-0.5222330	+	4	-2	3	0.1024183	+
2	-3	5	0.6741999	+	4	-1	3	-0.4122258	+
3	-3	0	-0.0870388	-	4	0	3	-0.2968365	+
3	-2	0	0.3481553	-	4	1	3	0.4847319	+
3	-1	0	-0.4351941	-	4	-3	4	0.5321812	+
3	0	0	0.0000000	-	4	-2	4	0.4096732	+
3	1	0	0.4351941	-	4	-1	4	-0.1211830	+
3	2	0	-0.3481553	-	4	0	4	-0.5936729	+
3	3	0	0.0870388	-	4	-3	5	0.3966644	+
3	-3	1	-0.1946247	-	4	-2	5	0.6059149	+
3	-2	1	0.4522670	-	4	-1	5	0.5419468	+
3	-1	1	-0.2752409	-	5	-3	0	-0.5063697	-
3	0	1	-0.2752409	-	5	-2	0	0.2531848	-
3	1	1	0.4522670	-	5	-1	0	0.4236593	-
3	2	1	-0.1946247	-	5	0	0	0.0000000	-
3	-3	2	-0.3256695	-	5	1	0	-0.4236593	-
3	-2	2	0.4605662	-	5	2	0	-0.2531848	-
3	-1	2	0.0000000	-	5	3	0	0.5063697	-
3	0	2	-0.4605662	-	5	-3	1	-0.5661385	-
3	1	2	0.3256695	-	5	-2	1	0.0000000	-
3	-3	3	-0.4605662	-	5	-1	1	0.4236593	-
3	-2	3	0.3256695	-	5	0	1	0.2679457	-
3	-1	3	0.3256695	-	5	1	1	-0.2631174	-
3	0	3	-0.4605662	-	5	2	1	-0.4529108	-
3	-3	4	-0.5640761	-	5	3	1	0.3922323	-
3	-2	4	0.0000000	-	5	-3	2	-0.5661385	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					6	3	3	0.3779645	+
					6	-3	4	0.2279212	+
5	-2	2	-0.2531848	-	6	-2	4	0.4413674	+
5	-1	2	0.2631174	-	6	-1	4	0.5582905	+
5	0	2	0.4401964	-	6	0	4	0.4413674	+
5	1	2	0.0270666	-	6	1	4	0.0000000	+
5	2	2	-0.5447048	-	6	2	4	-0.6546537	+
5	3	2	0.2344036	-	6	-3	5	0.1139606	+
5	-3	3	-0.5063697	-	6	-2	5	0.2791453	+
5	-2	3	-0.4529108	-	6	-1	5	0.4834938	+
5	-1	3	-0.0270666	-	6	0	5	0.6546537	+
5	0	3	0.4210575	-	6	1	5	0.6546537	+
5	1	3	0.3750458	-	7	-3	0	-0.4858127	-
5	2	3	-0.4688072	-	7	-2	0	-0.5609682	-
5	-3	4	-0.3922323	-	7	-1	0	-0.3621034	-
5	-2	4	-0.5447048	-	7	0	0	0.0000000	-
5	-1	4	-0.3750458	-	7	1	0	0.3621034	-
5	0	4	0.1148339	-	7	2	0	0.5609682	-
5	1	4	0.6289709	-	7	3	0	0.4858127	-
5	-3	5	-0.2344036	-	7	-3	1	-0.3763089	-
5	-2	5	-0.4688072	-	7	-2	1	-0.5435573	-
5	-1	5	-0.6289709	-	7	-1	1	-0.4947274	-
5	0	5	-0.5741693	-	7	0	1	-0.2290143	-
6	-3	0	0.6030227	+	7	1	1	0.1619376	-
6	-2	0	0.2461830	+	7	2	1	0.5069448	-
6	-1	0	-0.2461830	+	7	3	1	0.5883484	-
6	0	0	-0.4605662	+	7	-3	2	-0.2709734	-
6	1	0	-0.2461830	+	7	-2	2	-0.4730499	-
6	2	0	0.2461830	+	7	-1	2	-0.5497252	-
6	3	0	0.6030227	+	7	0	2	-0.4240521	-
6	-3	1	0.5504819	+	7	1	2	-0.0865593	-
6	-2	1	0.4264014	+	7	2	2	0.3631365	-
6	-1	1	0.0000000	+	7	3	2	0.6671244	-
6	0	1	-0.3892495	+	7	-3	3	-0.1773937	-
6	1	1	-0.4264014	+	7	-2	3	-0.3677496	-
6	2	1	0.0000000	+	7	-1	3	-0.5247377	-
6	3	1	0.6030227	+	7	0	3	-0.5508598	-
6	-3	2	0.4605662	+	7	1	3	-0.3516054	-
6	-2	2	0.5222330	+	7	2	3	0.1111874	-
6	-1	2	0.2548236	+	7	3	3	0.6943651	-
6	0	2	-0.1860968	+	7	-3	4	-0.1005728	-
6	1	2	-0.4834938	+	7	-2	4	-0.2458446	-
6	2	2	-0.2791453	+	7	-1	4	-0.4247877	-
6	3	2	0.5345225	+	7	0	4	-0.5741693	-
6	-3	3	0.3481553	+	7	1	4	-0.5801194	-
6	-2	3	0.5263614	+	7	2	4	-0.2672612	-
6	-1	3	0.4605662	+	7	3	4	0.6123724	-
6	0	3	0.1139606	+	7	-3	5	-0.0432796	-
6	1	3	-0.3603750	+	7	-2	5	-0.1249375	-
6	2	3	-0.5345225	+	7	-1	5	-0.2620712	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					J1 = 7/2				
7	0	5	-0.4539206	-	3/2	-3/2	0	-0.1740777	-
7	1	5	-0.6681531	-	3/2	-1/2	0	0.3892495	-
7	2	5	-0.7905694	-	3/2	1/2	0	-0.3892495	-
8	-3	0	0.2401922	+	3/2	3/2	0	0.1740777	-
8	-2	0	0.4345241	+	3/2	-5/2	1	0.1100964	-
8	-1	0	0.5748213	+	3/2	-3/2	1	-0.3302891	-
8	0	0	0.6257862	+	3/2	-1/2	1	0.4264014	-
8	1	0	0.5748213	+	3/2	1/2	1	-0.2461830	-
8	2	0	0.4345241	+	3/2	-7/2	2	-0.0550482	-
8	3	0	0.2401922	+	3/2	-5/2	2	0.2522625	-
8	-3	1	0.1619376	+	3/2	-3/2	2	-0.4369314	-
8	-2	1	0.3318733	+	3/2	-1/2	2	0.3256695	-
8	-1	1	0.4947274	+	3/2	-7/2	3	-0.1556998	-
8	0	1	0.6059149	+	3/2	-5/2	3	0.4119429	-
8	1	1	0.6271815	+	3/2	-3/2	3	-0.4119429	-
8	2	1	0.5370862	+	3/2	-7/2	4	-0.3302891	-
8	3	1	0.3396831	+	3/2	-5/2	4	0.5045250	-
8	-3	2	0.1024183	+	3/2	-7/2	5	-0.6030227	-
8	-2	2	0.2365250	+	5/2	-5/2	0	-0.1801875	+
8	-1	2	0.3966644	+	5/2	-3/2	0	0.4187179	+
8	0	2	0.5474489	+	5/2	-1/2	0	-0.2548236	+
8	1	2	0.6419407	+	5/2	1/2	0	-0.2548236	+
8	2	2	0.6289709	+	5/2	3/2	0	0.4187179	+
8	3	2	0.4629100	+	5/2	5/2	0	-0.1801875	+
8	-3	3	0.0591312	+	5/2	-7/2	1	0.0870388	+
8	-2	3	0.1536275	+	5/2	-5/2	1	-0.3383817	+
8	-1	3	0.2903286	+	5/2	-3/2	1	0.3964125	+
8	0	3	0.4539206	+	5/2	-1/2	1	0.0465242	+
8	1	3	0.6089985	+	5/2	1/2	1	-0.4276686	+
8	2	3	0.6943651	+	5/2	3/2	1	0.2849014	+
8	3	3	0.6123724	+	5/2	-7/2	2	0.2059715	+
8	-3	4	0.0295656	+	5/2	-5/2	2	-0.4403855	+
8	-2	4	0.0865593	+	5/2	-3/2	2	0.1906925	+
8	-1	4	0.1853123	+	5/2	-1/2	2	0.3481553	+
8	0	4	0.3314968	+	5/2	1/2	2	-0.3892495	+
8	1	4	0.5175492	+	5/2	-7/2	3	0.3567530	+
8	2	4	0.7071068	+	5/2	-5/2	3	-0.4045199	+
8	3	4	0.7905694	+	5/2	-3/2	3	-0.1651446	+
8	-3	5	0.0111748	+	5/2	-1/2	3	0.4767313	+
8	-2	5	0.0370625	+	5/2	-7/2	4	0.5045250	+
8	-1	5	0.0907841	+	5/2	-5/2	4	-0.1348400	+
8	0	5	0.1889822	+	5/2	-3/2	4	-0.5222330	+
8	1	5	0.3535534	+	5/2	-7/2	5	0.5640761	+
8	2	5	0.6123724	+	5/2	-5/2	5	0.4767313	+
8	3	5	1.0000000	+	7/2	-7/2	0	-0.1277381	-
					7/2	-5/2	0	0.4197108	-
					7/2	-3/2	0	-0.3102210	-
					7/2	-1/2	0	-0.2737245	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					9/2	-1/2	2	-0.2554762	+
					9/2	1/2	2	0.2508726	+
7/2	1/2	0	0.2737245	-	9/2	3/2	2	0.4318335	+
7/2	3/2	0	0.3102210	-	9/2	5/2	2	-0.3739788	+
7/2	5/2	0	-0.4197108	-	9/2	-7/2	3	0.5397919	+
7/2	7/2	0	0.1277381	-	9/2	-5/2	3	0.2856310	+
7/2	-7/2	1	-0.2644429	-	9/2	-3/2	3	-0.2019716	+
7/2	-5/2	1	0.4616494	-	9/2	-1/2	3	-0.4438127	+
7/2	-3/2	1	-0.0258070	-	9/2	1/2	3	-0.1365577	+
7/2	-1/2	1	-0.3998001	-	9/2	3/2	3	0.5288859	+
7/2	1/2	1	-0.0258070	-	9/2	-7/2	4	0.4580286	+
7/2	3/2	1	0.4616494	-	9/2	-5/2	4	0.4947274	+
7/2	5/2	1	-0.2644429	-	9/2	-3/2	4	0.1869894	+
7/2	-7/2	2	-0.4039433	-	9/2	-1/2	4	-0.2896827	+
7/2	-5/2	2	0.3547874	-	9/2	1/2	4	-0.5793655	+
7/2	-3/2	2	0.2731155	-	9/2	-7/2	5	0.2956562	+
7/2	-1/2	2	-0.2731155	-	9/2	-5/2	5	0.5120916	+
7/2	1/2	2	-0.3547874	-	9/2	-3/2	5	0.5913124	+
7/2	3/2	2	0.4039433	-	9/2	-1/2	5	0.4580286	+
7/2	-7/2	3	-0.5109523	-	11/2	-7/2	0	-0.5419468	-
7/2	-5/2	3	0.0965609	-	11/2	-5/2	0	0.1182625	-
7/2	-3/2	3	0.4318335	-	11/2	-3/2	0	0.4345241	-
7/2	-1/2	3	0.0965609	-	11/2	-1/2	0	0.2212488	-
7/2	1/2	3	-0.5109523	-	11/2	1/2	0	-0.2212488	-
7/2	-7/2	4	-0.5419468	-	11/2	3/2	0	-0.4345241	-
7/2	-5/2	4	-0.2644429	-	11/2	5/2	0	-0.1182625	-
7/2	-3/2	4	0.2644429	-	11/2	7/2	0	0.5419468	-
7/2	-1/2	4	0.5419468	-	11/2	-7/2	1	-0.5712620	-
7/2	-7/2	5	-0.4424977	-	11/2	-5/2	1	-0.1526762	-
7/2	-5/2	5	-0.5793655	-	11/2	-3/2	1	0.3128931	-
7/2	-3/2	5	-0.4424977	-	11/2	-1/2	1	0.4039433	-
9/2	-7/2	0	0.3413944	+	11/2	1/2	1	0.0682789	-
9/2	-5/2	0	-0.4516223	+	11/2	3/2	1	-0.3739788	-
9/2	-3/2	0	-0.1706972	+	11/2	5/2	1	-0.3739788	-
9/2	-1/2	0	0.3238751	+	11/2	7/2	1	0.4424977	-
9/2	1/2	0	0.3238751	+	11/2	-7/2	2	-0.5343667	-
9/2	3/2	0	-0.1706972	+	11/2	-5/2	2	-0.3755338	-
9/2	5/2	0	-0.4516223	+	11/2	-3/2	2	0.0591312	-
9/2	7/2	0	0.3413944	+	11/2	-1/2	2	0.4000083	-
9/2	-7/2	1	0.4674735	+	11/2	1/2	2	0.3467176	-
9/2	-5/2	1	-0.2698959	+	11/2	3/2	2	-0.1224133	-
9/2	-3/2	1	-0.3816905	+	11/2	5/2	2	-0.5373186	-
9/2	-1/2	1	0.0591312	+	11/2	7/2	2	0.2773501	-
9/2	1/2	1	0.4103839	+	11/2	-7/2	3	-0.4424977	-
9/2	3/2	1	0.1428155	+	11/2	-5/2	3	-0.5017452	-
9/2	5/2	1	-0.4947274	+	11/2	-3/2	3	-0.2448266	-
9/2	7/2	1	0.1869894	+	11/2	-1/2	3	0.1787961	-
9/2	-7/2	2	0.5397919	+	11/2	1/2	3	0.4645258	-
9/2	-5/2	2	0.0000000	+	11/2	3/2	3	0.2681941	-
9/2	-3/2	2	-0.4039433	+	11/2	5/2	3	-0.5135526	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					13/2	3/2	4	-0.1074172	+
					13/2	5/2	4	-0.6708204	+
11/2	-7/2	4	-0.3128931	-	13/2	-7/2	5	0.0782233	+
11/2	-5/2	4	-0.4997502	-	13/2	-5/2	5	0.1983322	+
11/2	-3/2	4	-0.4896532	-	13/2	-3/2	5	0.3621034	+
11/2	-1/2	4	-0.2189796	-	13/2	-1/2	5	0.5370862	+
11/2	1/2	4	0.2448266	-	13/2	1/2	5	0.6577935	+
11/2	3/2	4	0.6289709	-	13/2	3/2	5	0.6123724	+
11/2	-7/2	5	-0.1672484	-	15/2	-7/2	0	-0.4359418	-
11/2	-5/2	5	-0.3575921	-	15/2	-5/2	0	-0.5554413	-
11/2	-3/2	5	-0.5363882	-	15/2	-3/2	0	-0.4471216	-
11/2	-1/2	5	-0.6193677	-	15/2	-1/2	0	-0.1696901	-
11/2	1/2	5	-0.5135526	-	15/2	1/2	0	0.1696901	-
13/2	-7/2	0	0.5853694	+	15/2	3/2	0	0.4471216	-
13/2	-5/2	0	0.3498251	+	15/2	5/2	0	0.5554413	-
13/2	-3/2	0	-0.0903245	+	15/2	7/2	0	0.4359418	-
13/2	-1/2	0	-0.4039433	+	15/2	-7/2	1	-0.3219644	-
13/2	1/2	0	-0.4039433	+	15/2	-5/2	1	-0.5027281	-
13/2	3/2	0	-0.0903245	+	15/2	-3/2	1	-0.5279517	-
13/2	5/2	0	0.3498251	+	15/2	-1/2	1	-0.3717724	-
13/2	7/2	0	0.5853694	+	15/2	1/2	1	-0.0702584	-
13/2	-7/2	1	0.5069448	+	15/2	3/2	1	0.2810335	-
13/2	-5/2	1	0.4855727	+	15/2	5/2	1	0.5414912	-
13/2	-3/2	1	0.1713786	+	15/2	7/2	1	0.5514276	-
13/2	-1/2	1	-0.2212488	+	15/2	-7/2	2	-0.2199435	-
13/2	1/2	1	-0.4470833	+	15/2	-5/2	2	-0.4084665	-
13/2	3/2	1	-0.3318733	+	15/2	-3/2	2	-0.5260785	-
13/2	5/2	1	0.1211830	+	15/2	-1/2	2	-0.5045483	-
13/2	7/2	1	0.6139406	+	15/2	1/2	2	-0.3085432	-
13/2	-7/2	2	0.3998834	+	15/2	3/2	2	0.0393877	-
13/2	-5/2	2	0.5235703	+	15/2	5/2	2	0.4332645	-
13/2	-3/2	2	0.3886502	+	15/2	7/2	2	0.6507914	-
13/2	-1/2	2	0.0482805	+	15/2	-7/2	3	-0.1357521	-
13/2	1/2	2	-0.3238751	+	15/2	-5/2	3	-0.2950294	-
13/2	3/2	2	-0.4759973	+	15/2	-3/2	3	-0.4534641	-
13/2	5/2	2	-0.1754116	+	15/2	-1/2	3	-0.5458364	-
13/2	7/2	2	0.5683986	+	15/2	1/2	3	-0.4982192	-
13/2	-7/2	3	0.2827603	+	15/2	3/2	3	-0.2506617	-
13/2	-5/2	3	0.4732962	+	15/2	5/2	3	0.2008386	-
13/2	-3/2	3	0.5114653	+	15/2	7/2	3	0.7029350	-
13/2	-1/2	3	0.3305537	+	15/2	-7/2	4	-0.0719934	-
13/2	1/2	3	-0.0418121	+	15/2	-5/2	4	-0.1816977	-
13/2	3/2	3	-0.4341216	+	15/2	-3/2	4	-0.3296302	-
13/2	5/2	3	-0.4823819	+	15/2	-1/2	4	-0.4844045	-
13/2	7/2	3	0.4183300	+	15/2	1/2	4	-0.5847668	-
13/2	-7/2	4	0.1713786	+	15/2	3/2	4	-0.5329480	-
13/2	-5/2	4	0.3552799	+	15/2	5/2	4	-0.1878673	-
13/2	-3/2	4	0.5069448	+	15/2	7/2	4	0.6416889	-
13/2	-1/2	4	0.5321812	+	15/2	-7/2	5	-0.0286829	-
13/2	1/2	4	0.3396831	+	15/2	-5/2	5	-0.0839748	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					17/2	-1/2	5	0.1212678	+
					17/2	1/2	5	0.2268713	+
15/2	-3/2	5	-0.1797794	-	17/2	3/2	5	0.3929526	+
15/2	-1/2	5	-0.3215991	-	17/2	5/2	5	0.6416889	+
15/2	1/2	5	-0.5020964	-	17/2	7/2	5	1.0000000	+
15/2	3/2	5	-0.6859943	-	J1 = 4				
15/2	5/2	5	-0.7669650	-	1	-1	0	-0.2461830	+
17/2	-7/2	0	0.2018018	+	1	0	0	0.3892495	+
17/2	-5/2	0	0.3775367	+	1	1	0	-0.2461830	+
17/2	-3/2	0	0.5216419	+	1	-2	1	0.1906925	+
17/2	-1/2	0	0.6023402	+	1	-1	1	-0.3813850	+
17/2	1/2	0	0.6023402	+	1	0	1	0.3015113	+
17/2	3/2	0	0.5216419	+	1	-3	2	-0.1348400	+
17/2	5/2	0	0.3775367	+	1	-2	2	0.3567530	+
17/2	7/2	0	0.2018018	+	1	-1	2	-0.3567530	+
17/2	-7/2	1	0.1302625	+	1	-4	3	0.0778499	+
17/2	-5/2	1	0.2749294	+	1	-3	3	-0.3113996	+
17/2	-3/2	1	0.4259188	+	1	-2	3	0.4119429	+
17/2	-1/2	1	0.5498588	+	1	-4	4	0.2335497	+
17/2	1/2	1	0.6147608	+	1	-3	4	-0.4670994	+
17/2	3/2	1	0.5969379	+	1	-4	5	0.5222330	+
17/2	5/2	1	0.4873977	+	2	-2	0	-0.2752409	-
17/2	7/2	1	0.2970443	+	2	-1	0	0.3892495	-
17/2	-7/2	2	0.0785513	+	2	0	0	0.0000000	-
17/2	-5/2	2	0.1858862	+	2	1	0	-0.3892495	-
17/2	-3/2	2	0.3219644	+	2	2	0	0.2752409	-
17/2	-1/2	2	0.4647155	+	2	-3	1	0.1880254	-
17/2	1/2	2	0.5825517	+	2	-2	1	-0.4020151	-
17/2	3/2	2	0.6381534	+	2	-1	1	0.1740777	-
17/2	5/2	2	0.5940885	+	2	0	1	0.3178209	-
17/2	7/2	2	0.4200840	+	2	1	1	-0.3553345	-
17/2	-7/2	3	0.0430243	+	2	-4	2	-0.1005038	-
17/2	-5/2	3	0.1138316	+	2	-3	2	0.3553345	-
17/2	-3/2	3	0.2204339	+	2	-2	2	-0.3256695	-
17/2	-1/2	3	0.3567386	+	2	-1	2	-0.1880254	-
17/2	1/2	3	0.5045046	+	2	0	2	0.4204375	-
17/2	3/2	3	0.6301260	+	2	-4	3	-0.2461830	-
17/2	5/2	3	0.6806139	+	2	-3	3	0.4264014	-
17/2	7/2	3	0.5752237	+	2	-2	3	0.0000000	-
17/2	-7/2	4	0.0202818	+	2	-1	3	-0.4605662	-
17/2	-5/2	4	0.0599945	+	2	-4	4	-0.4264014	-
17/2	-3/2	4	0.1302625	+	2	-3	4	0.2461830	-
17/2	-1/2	4	0.2378257	+	2	-2	4	0.4605662	-
17/2	1/2	4	0.3834825	+	2	-4	5	-0.5504819	-
17/2	3/2	4	0.5557189	+	2	-3	5	-0.3892495	-
17/2	5/2	4	0.7174301	+	3	-3	0	-0.2473637	+
17/2	7/2	4	0.7669650	+	3	-2	0	0.4318335	+
17/2	-7/2	5	0.0071707	+	3	-1	0	-0.0241402	+
17/2	-5/2	5	0.0237826	+					
17/2	-3/2	5	0.0582552	+					

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					4	-2	2	0.3832142	-
					4	-1	2	0.0000000	-
3	0	0	-0.3739788	+	4	0	2	-0.3832142	-
3	1	0	-0.0241402	+	4	1	2	-0.2290143	-
3	2	0	0.4318335	+	4	2	2	0.4580286	-
3	3	0	-0.2473637	+	4	-4	3	-0.5288859	-
3	-4	1	0.1277381	+	4	-3	3	-0.0836242	-
3	-3	1	-0.4056229	+	4	-2	3	0.3498251	-
3	-2	1	0.2680181	+	4	-1	3	0.3498251	-
3	-1	1	0.2900848	+	4	0	3	-0.0836242	-
3	0	1	-0.2168145	+	4	1	3	-0.5288859	-
3	1	1	-0.3484342	+	4	-4	4	-0.5017452	-
3	2	1	0.3621034	+	4	-3	4	-0.3966644	-
3	-4	2	0.2759458	+	4	-2	4	0.0000000	-
3	-3	2	-0.4319235	+	4	-1	4	0.3966644	-
3	-2	2	-0.0571262	+	4	0	4	0.5017452	-
3	-1	2	0.3731468	+	4	-4	5	-0.3547874	-
3	0	2	0.1649091	+	4	-3	5	-0.5321812	-
3	1	2	-0.4516223	+	4	-2	5	-0.5321812	-
3	-4	3	0.4274934	+	4	-1	5	-0.3547874	-
3	-3	3	-0.2617852	+	5	-4	0	0.3922323	+
3	-2	3	-0.3635489	+	5	-3	0	-0.3922323	+
3	-1	3	0.0903245	+	5	-2	0	-0.2995723	+
3	0	3	0.4947274	+	5	-1	0	0.1601282	+
3	-4	4	0.5235703	+	5	0	0	0.3922323	+
3	-3	4	0.1068733	+	5	1	0	0.1601282	+
3	-2	4	-0.3612978	+	5	2	0	-0.2995723	+
3	-1	4	-0.4693397	+	5	3	0	-0.3922323	+
3	-4	5	0.4779521	+	5	4	0	0.3922323	+
3	-3	5	0.5343667	+	5	-4	1	0.5063697	+
3	-2	5	0.3498251	+	5	-3	1	-0.1461763	+
4	-4	0	-0.1672484	-	5	-2	1	-0.4134491	+
4	-3	0	0.4599331	-	5	-1	1	-0.1601282	+
4	-2	0	-0.1672484	-	5	0	1	0.2614882	+
4	-1	0	-0.3763089	-	5	1	1	0.3867462	+
4	0	0	0.0000000	-	5	2	1	0.0000000	+
4	1	0	0.3763089	-	5	3	1	-0.5063697	+
4	2	0	0.1672484	-	5	4	1	0.2264554	+
4	3	0	-0.4599331	-	5	-4	2	0.5469418	+
4	4	0	0.1672484	-	5	-3	2	0.1461763	+
4	-4	1	-0.3238751	-	5	-2	2	-0.2995723	+
4	-3	1	0.4284465	-	5	-1	2	-0.3867462	+
4	-2	1	0.1619376	-	5	0	2	-0.0653720	+
4	-1	1	-0.3072549	-	5	1	2	0.3580574	+
4	0	1	-0.3072549	-	5	2	2	0.3580574	+
4	1	1	0.1619376	-	5	3	2	-0.4236593	+
4	2	1	0.4284465	-	5	-4	3	0.5063697	+
4	3	1	-0.3238751	-	5	-3	3	0.3922323	+
4	-4	2	-0.4580286	-	5	-2	3	0.0000000	+
4	-3	2	0.2290143	-	5	-1	3	-0.3580574	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					6	3	3	-0.5477226	-
					6	-4	4	-0.2522625	-
5	0	3	-0.3922323	+	6	-3	4	-0.4403855	-
5	1	3	0.0000000	+	6	-2	4	-0.5117663	-
5	2	3	0.5547002	+	6	-1	4	-0.3947710	-
5	-4	4	0.3922323	+	6	0	4	-0.0805823	-
5	-3	4	0.5063697	+	6	1	4	0.3380617	-
5	-2	4	0.3580574	+	6	2	4	0.6210590	-
5	-1	4	0.0000000	+	6	-4	5	-0.1230915	-
5	0	4	-0.3922323	+	6	-3	5	-0.2752409	-
5	1	4	-0.5547002	+	6	-2	5	-0.4413674	-
5	-4	5	0.2264554	+	6	-1	5	-0.5698029	-
5	-3	5	0.4236593	+	6	0	5	-0.5976143	-
5	-2	5	0.5547002	+	6	1	5	-0.4629100	-
5	-1	5	0.5547002	+	7	-4	0	0.5627984	+
5	0	5	0.3922323	+	7	-3	0	0.4199616	+
6	-4	0	-0.5640761	-	7	-2	0	0.0453516	+
6	-3	0	0.0000000	-	7	-1	0	-0.3011132	+
6	-2	0	0.3892495	-	7	0	0	-0.4381380	+
6	-1	0	0.3481553	-	7	1	0	-0.3011132	+
6	0	0	0.0000000	-	7	2	0	0.0453516	+
6	1	0	-0.3481553	-	7	3	0	0.4199616	+
6	2	0	-0.3892495	-	7	4	0	0.5627984	+
6	3	0	0.0000000	-	7	-4	1	0.4647155	+
6	4	0	0.5640761	-	7	-3	1	0.5111871	+
6	-4	1	-0.5640761	-	7	-2	1	0.2940868	+
6	-3	1	-0.2659080	-	7	-1	1	-0.0536607	+
6	-2	1	0.1797866	-	7	0	1	-0.3527526	+
6	-1	1	0.4119429	-	7	1	1	-0.4391149	+
6	0	1	0.2842676	-	7	2	1	-0.2283397	+
6	1	1	-0.1005038	-	7	3	1	0.2179709	+
6	2	1	-0.4264014	-	7	4	1	0.6165148	+
6	3	1	-0.2912876	-	7	-4	2	0.3477612	+
6	4	1	0.4830459	-	7	-3	2	0.5019501	+
6	-4	2	-0.4974683	-	7	-2	2	0.4589258	+
6	-3	2	-0.4449492	-	7	-1	2	0.2222426	+
6	-2	2	-0.1100964	-	7	0	2	-0.1187583	+
6	-1	2	0.2642750	-	7	1	2	-0.4037129	+
6	0	2	0.4247060	-	7	2	2	-0.4403677	+
6	1	2	0.2279212	-	7	3	2	-0.0823853	+
6	2	2	-0.2353960	-	7	4	2	0.5940885	+
6	3	2	-0.5163978	-	7	-4	3	0.2318408	+
6	4	2	0.3162278	-	7	-3	3	0.4162311	+
6	-4	3	-0.3853373	-	7	-2	3	0.5085530	+
6	-3	3	-0.5045250	-	7	-1	3	0.4417750	+
6	-2	3	-0.3745127	-	7	0	3	0.1971248	+
6	-1	3	-0.0465242	-	7	1	3	-0.1652602	+
6	0	3	0.3120939	-	7	2	3	-0.4764153	+
6	1	3	0.4586825	-	7	3	3	-0.4287465	+
6	2	3	0.1690309	-	7	4	3	0.4537426	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					8	2	3	-0.1581139	-
					8	3	3	0.2738613	-
7	-4	4	0.1314414	+	8	4	3	0.7071068	-
7	-3	4	0.2856610	+	8	-4	4	-0.0528886	-
7	-2	4	0.4390647	+	8	-3	4	-0.1366289	-
7	-1	4	0.5285038	+	8	-2	4	-0.2562354	-
7	0	4	0.4823987	+	8	-1	4	-0.3962970	-
7	1	4	0.2427021	+	8	0	4	-0.5229764	-
7	2	4	-0.1944611	+	8	1	4	-0.5797509	-
7	3	4	-0.6806139	+	8	2	4	-0.4830459	-
7	-4	5	0.0555441	+	8	3	4	-0.1178511	-
7	-3	5	0.1443079	+	8	4	4	0.6666667	-
7	-2	5	0.2727163	+	8	-4	5	-0.0197104	-
7	-1	5	0.4263842	+	8	-3	5	-0.0583042	-
7	0	5	0.5720544	+	8	-2	5	-0.1265924	-
7	1	5	0.6522424	+	8	-1	5	-0.2311251	-
7	2	5	0.5752237	+	8	0	5	-0.3726780	-
8	-4	0	-0.3922323	-	8	1	5	-0.5400617	-
8	-3	0	-0.5370862	-	8	2	5	-0.6972167	-
8	-2	0	-0.4947274	-	8	3	5	-0.7453560	-
8	-1	0	-0.2926847	-	9	-4	0	0.1714986	+
8	0	0	0.0000000	-	9	-3	0	0.3295410	+
8	1	0	0.2926847	-	9	-2	0	0.4708710	+
8	2	0	0.4947274	-	9	-1	0	0.5678917	+
8	3	0	0.5370862	-	9	0	0	0.6023402	+
8	4	0	0.3922323	-	9	1	0	0.5678917	+
8	-4	1	-0.2773501	-	9	2	0	0.4708710	+
8	-3	1	-0.4586643	-	9	3	0	0.3295410	+
8	-2	1	-0.5289961	-	9	4	0	0.1714986	+
8	-1	1	-0.4534252	-	9	-4	1	0.1063589	+
8	0	1	-0.2389761	-	9	-3	1	0.2297615	+
8	1	1	0.0638690	-	9	-2	1	0.3665725	+
8	2	1	0.3668997	-	9	-1	1	0.4918087	+
8	3	1	0.5570067	-	9	0	1	0.5796021	+
8	4	1	0.5163978	-	9	1	1	0.6078918	+
8	-4	2	-0.1806489	-	9	2	1	0.5627984	+
8	-3	2	-0.3511553	-	9	3	1	0.4428074	+
8	-2	2	-0.4847319	-	9	4	1	0.2619684	+
8	-1	2	-0.5251262	-	9	-4	2	0.0614063	+
8	0	2	-0.4318335	-	9	-3	2	0.1481177	+
8	1	2	-0.1961161	-	9	-2	2	0.2628828	+
8	2	2	0.1432230	-	9	-1	2	0.3918825	+
8	3	2	0.4830459	-	9	0	2	0.5137623	+
8	4	2	0.6324555	-	9	1	2	0.6016568	+
8	-4	3	-0.1057772	-	9	2	2	0.6262243	+
8	-3	3	-0.2379986	-	9	3	2	0.5601120	+
8	-2	3	-0.3848076	-	9	4	2	0.3834825	+
8	-1	3	-0.5026155	-	9	-4	3	0.0320684	+
8	0	3	-0.5370862	-	9	-3	3	0.0860486	+
8	1	3	-0.4341216	-	9	-2	3	0.1696901	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					3/2	-3/2	2	0.0000000 +	
					3/2	-1/2	2	-0.4119429 +	
9	-1	3	0.2813992 +		3/2	-9/2	3	0.1348400 +	
9	0	3	0.4119263 +		3/2	-7/2	3	-0.3892495 +	
9	1	3	0.5423261 +		3/2	-5/2	3	0.1556998 +	
9	2	3	0.6416889 +		3/2	-3/2	3	0.4119429 +	
9	3	3	0.6642112 +		3/2	-9/2	4	0.3302891 +	
9	4	3	0.5423261 +		3/2	-7/2	4	-0.3302891 +	
9	-4	4	0.0143414 +		3/2	-5/2	4	-0.3813850 +	
9	-3	4	0.0427579 +		3/2	-9/2	5	0.5222330 +	
9	-2	4	0.0937997 +		3/2	-7/2	5	0.3015113 +	
9	-1	4	0.1736834 +		5/2	-5/2	0	-0.3498251 -	
9	0	4	0.2858310 +		5/2	-3/2	0	0.3072549 -	
9	1	4	0.4277926 +		5/2	-1/2	0	0.2365250 -	
9	2	4	0.5857792 +		5/2	1/2	0	-0.2365250 -	
9	3	4	0.7231015 +		5/2	3/2	0	-0.3072549 -	
9	4	4	0.7453560 +		5/2	5/2	0	0.3498251 -	
9	-4	5	0.0047805 +		5/2	-7/2	1	0.2554762 -	
9	-3	5	0.0158550 +		5/2	-5/2	1	-0.3998834 -	
9	-2	5	0.0388368 +		5/2	-3/2	1	-0.0528886 -	
9	-1	5	0.0808452 +		5/2	-1/2	1	0.3454668 -	
9	0	5	0.1512475 +		5/2	1/2	1	0.1526762 -	
9	1	5	0.2619684 +		5/2	3/2	1	-0.4181210 -	
9	2	5	0.4277926 +		5/2	-9/2	2	-0.1448414 -	
9	3	5	0.6666667 +		5/2	-7/2	2	0.4102418 -	
9	4	5	1.0000000 +		5/2	-5/2	2	-0.1679438 -	
J1 = 9/2					5/2	-3/2	2	-0.3498251 -	
					5/2	-1/2	2	0.0403943 -	
					5/2	1/2	2	0.4516223 -	
1/2	-1/2	0	-0.3015113 -		5/2	-9/2	3	-0.3173315 -	
1/2	1/2	0	0.3015113 -		5/2	-7/2	3	0.3739788 -	
1/2	-3/2	1	0.2696799 -		5/2	-5/2	3	0.2243873 -	
1/2	-1/2	1	-0.3302891 -		5/2	-3/2	3	-0.2423660 -	
1/2	-5/2	2	-0.2335497 -		5/2	-1/2	3	-0.4424977 -	
1/2	-3/2	2	0.3567530 -		5/2	-9/2	4	-0.4759973 -	
1/2	-7/2	3	0.1906925 -		5/2	-7/2	4	0.0528886 -	
1/2	-5/2	3	-0.3813850 -		5/2	-5/2	4	0.4113767 -	
1/2	-9/2	4	-0.1348400 -		5/2	-3/2	4	0.3832142 -	
1/2	-7/2	4	0.4045199 -		5/2	-9/2	5	-0.5017452 -	
1/2	-9/2	5	-0.4264014 -		5/2	-7/2	5	-0.4730499 -	
3/2	-3/2	0	-0.3481553 +		5/2	-5/2	5	-0.2644429 -	
3/2	-1/2	0	0.2461830 +		7/2	-7/2	0	-0.3053524 +	
3/2	1/2	0	0.2461830 +		7/2	-5/2	0	0.4039433 +	
3/2	3/2	0	-0.3481553 +		7/2	-3/2	0	0.1526762 +	
3/2	-5/2	1	0.2912876 +		7/2	-1/2	0	-0.2896827 +	
3/2	-3/2	1	-0.3302891 +		7/2	1/2	0	-0.2896827 +	
3/2	-1/2	1	-0.1348400 +		7/2	3/2	0	0.1526762 +	
3/2	1/2	1	0.3892495 +		7/2	5/2	0	0.4039433 +	
3/2	-7/2	2	-0.2201928 +		7/2	7/2	0	-0.3053524 +	
3/2	-5/2	2	0.3813850 +		7/2	-9/2	1	0.1672484 +	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					9/2	-9/2	2	-0.4947274	-
					9/2	-7/2	2	0.1079584	-
7/2	-7/2	1	-0.4424977	+	9/2	-5/2	2	0.3966644	-
7/2	-5/2	1	0.1277381	+	9/2	-3/2	2	0.2019716	-
7/2	-3/2	1	0.3670585	+	9/2	-1/2	2	-0.2019716	-
7/2	-1/2	1	0.0528886	+	9/2	1/2	2	-0.3966644	-
7/2	1/2	1	-0.3413944	+	9/2	3/2	2	-0.1079584	-
7/2	3/2	1	-0.2414023	+	9/2	5/2	2	0.4947274	-
7/2	5/2	1	0.4181210	+	9/2	-9/2	3	-0.5288859	-
7/2	-9/2	2	0.3344968	+	9/2	-7/2	3	-0.2159168	-
7/2	-7/2	2	-0.3862436	+	9/2	-5/2	3	0.2159168	-
7/2	-5/2	2	-0.2243873	+	9/2	-3/2	3	0.4039433	-
7/2	-3/2	2	0.2285048	+	9/2	-1/2	3	0.2159168	-
7/2	-1/2	2	0.3612978	+	9/2	1/2	3	-0.2159168	-
7/2	1/2	2	0.0000000	+	9/2	3/2	3	-0.5288859	-
7/2	3/2	2	-0.4828045	+	9/2	-9/2	4	-0.4580286	-
7/2	-9/2	3	0.4730499	+	9/2	-7/2	4	-0.4580286	-
7/2	-7/2	3	-0.1221410	+	9/2	-5/2	4	-0.1869894	-
7/2	-5/2	3	-0.3969581	+	9/2	-3/2	4	0.1869894	-
7/2	-3/2	3	-0.1806489	+	9/2	-1/2	4	0.4580286	-
7/2	-1/2	3	0.2554762	+	9/2	1/2	4	0.4580286	-
7/2	1/2	3	0.4828045	+	9/2	-9/2	5	-0.2896827	-
7/2	-9/2	4	0.5182002	+	9/2	-7/2	5	-0.4730499	-
7/2	-7/2	4	0.2591001	+	9/2	-5/2	5	-0.5419468	-
7/2	-5/2	4	-0.1672484	+	9/2	-3/2	5	-0.4730499	-
7/2	-3/2	4	-0.4424977	+	9/2	-1/2	5	-0.2896827	-
7/2	-1/2	4	-0.4096732	+	11/2	-9/2	0	0.4345241	+
7/2	-9/2	5	0.4096732	+	11/2	-7/2	0	-0.3238751	+
7/2	-7/2	5	0.5288859	+	11/2	-5/2	0	-0.3739788	+
7/2	-5/2	5	0.4580286	+	11/2	-3/2	0	0.0000000	+
7/2	-3/2	5	0.2644429	+	11/2	-1/2	0	0.3344968	+
9/2	-9/2	0	-0.2048366	-	11/2	1/2	0	0.3344968	+
9/2	-7/2	0	0.4779521	-	11/2	3/2	0	0.0000000	+
9/2	-5/2	0	-0.0341394	-	11/2	5/2	0	-0.3739788	+
9/2	-3/2	0	-0.3755338	-	11/2	7/2	0	-0.3238751	+
9/2	-1/2	0	-0.2048366	-	11/2	9/2	0	0.4345241	+
9/2	1/2	0	0.2048366	-	11/2	-9/2	1	0.5321812	+
9/2	3/2	0	0.3755338	-	11/2	-7/2	1	-0.0341394	+
9/2	5/2	0	0.0341394	-	11/2	-5/2	1	-0.3862436	+
9/2	7/2	0	-0.4779521	-	11/2	-3/2	1	-0.2991830	+
9/2	9/2	0	0.2048366	-	11/2	-1/2	1	0.0610705	+
9/2	-9/2	1	-0.3739788	-	11/2	1/2	1	0.3612978	+
9/2	-7/2	1	0.3739788	-	11/2	3/2	1	0.3128931	+
9/2	-5/2	1	0.2856310	-	11/2	5/2	1	-0.1182625	+
9/2	-3/2	1	-0.1526762	-	11/2	7/2	1	-0.5024416	+
9/2	-1/2	1	-0.3739788	-	11/2	9/2	1	0.2631174	+
9/2	1/2	1	-0.1526762	-	11/2	-9/2	2	0.5419468	+
9/2	3/2	1	0.2856310	-	11/2	-7/2	2	0.2554762	+
9/2	5/2	1	0.3739788	-	11/2	-5/2	2	-0.1727334	+
9/2	7/2	1	-0.3739788	-	11/2	-3/2	2	-0.3957820	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					13/2	-5/2	2	-0.2375662	-
					13/2	-3/2	2	0.1110883	-
11/2	-1/2	2	-0.2731155	+	13/2	-1/2	2	0.3718093	-
11/2	1/2	2	0.0965609	+	13/2	1/2	2	0.3864211	-
11/2	3/2	2	0.4096732	+	13/2	3/2	2	0.1088438	-
11/2	5/2	2	0.2798601	+	13/2	5/2	2	-0.3183669	-
11/2	7/2	2	-0.4640955	+	13/2	7/2	2	-0.4873977	-
11/2	-9/2	3	0.4693397	+	13/2	9/2	2	0.3514675	-
11/2	-7/2	3	0.4495530	+	13/2	-9/2	3	-0.3359693	-
11/2	-5/2	3	0.1586658	+	13/2	-7/2	3	-0.4849299	-
11/2	-3/2	3	-0.2048366	+	13/2	-5/2	3	-0.4433645	-
11/2	-1/2	3	-0.4139187	+	13/2	-3/2	3	-0.2147068	-
11/2	1/2	3	-0.3072549	+	13/2	-1/2	3	0.1147315	-
11/2	3/2	3	0.1121936	+	13/2	1/2	3	0.3900237	-
11/2	5/2	3	0.5683986	+	13/2	3/2	3	0.4254356	-
11/2	-9/2	4	0.3365809	+	13/2	5/2	3	0.0795917	-
11/2	-7/2	4	0.4861724	+	13/2	7/2	3	-0.5739440	-
11/2	-5/2	4	0.4424977	+	13/2	-9/2	4	-0.2057383	-
11/2	-3/2	4	0.2048366	+	13/2	-7/2	4	-0.3820855	-
11/2	-1/2	4	-0.1448414	+	13/2	-5/2	4	-0.4921013	-
11/2	1/2	4	-0.4534252	+	13/2	-3/2	4	-0.4719617	-
11/2	3/2	4	-0.5262348	+	13/2	-1/2	4	-0.2886158	-
11/2	-9/2	5	0.1773937	+	13/2	1/2	4	0.0368438	-
11/2	-7/2	5	0.3498251	+	13/2	3/2	4	0.4052819	-
11/2	-5/2	5	0.4947274	+	13/2	5/2	4	0.6087596	-
11/2	-3/2	5	0.5609682	+	13/2	-9/2	5	-0.0929431	-
11/2	-1/2	5	0.5120916	+	13/2	-7/2	5	-0.2146429	-
11/2	1/2	5	0.3396831	+	13/2	-5/2	5	-0.3599671	-
13/2	-9/2	0	-0.5766968	-	13/2	-3/2	5	-0.4968018	-
13/2	-7/2	0	-0.1003900	-	13/2	-1/2	5	-0.5825517	-
13/2	-5/2	0	0.3174611	-	13/2	1/2	5	-0.5707818	-
13/2	-3/2	0	0.4027534	-	13/2	3/2	5	-0.4200840	-
13/2	-1/2	0	0.1752552	-	15/2	-9/2	0	0.5381382	+
13/2	1/2	0	-0.1752552	-	15/2	-7/2	0	0.4660414	+
13/2	3/2	0	-0.4027534	-	15/2	-5/2	0	0.1571025	+
13/2	5/2	0	-0.3174611	-	15/2	-3/2	0	-0.1858862	+
13/2	7/2	0	0.1003900	-	15/2	-1/2	0	-0.4015601	+
13/2	9/2	0	0.5766968	-	15/2	1/2	0	-0.4015601	+
13/2	-9/2	1	-0.5498588	-	15/2	3/2	0	-0.1858862	+
13/2	-7/2	1	-0.3477612	-	15/2	5/2	0	0.1571025	+
13/2	-5/2	1	0.0518412	-	15/2	7/2	0	0.4660414	+
13/2	-3/2	1	0.3526943	-	15/2	9/2	0	0.5381382	+
13/2	-1/2	1	0.3839649	-	15/2	-9/2	1	0.4254356	+
13/2	1/2	1	0.1385514	-	15/2	-7/2	1	0.5162916	+
13/2	3/2	1	-0.2276632	-	15/2	-5/2	1	0.3777001	+
13/2	5/2	1	-0.4398871	-	15/2	-3/2	1	0.0897916	+
13/2	7/2	1	-0.2105799	-	15/2	-1/2	1	-0.2199435	+
13/2	9/2	1	0.5158133	-	15/2	1/2	1	-0.4156542	+
13/2	-9/2	2	-0.4600449	-	15/2	3/2	1	-0.3943242	+
13/2	-7/2	2	-0.4800561	-	15/2	5/2	1	-0.1276307	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					17/2	9/2	0	0.3541003	-
					17/2	-9/2	1	-0.2405638	-
15/2	7/2	1	0.2947505	+	17/2	-7/2	1	-0.4158104	-
15/2	9/2	1	0.6135720	+	17/2	-5/2	1	-0.5126303	-
15/2	-9/2	2	0.3035509	+	17/2	-3/2	1	-0.4943904	-
15/2	-7/2	2	0.4702590	+	17/2	-1/2	1	-0.3532095	-
15/2	-5/2	2	0.4887883	+	17/2	1/2	1	-0.1128286	-
15/2	-3/2	2	0.3393802	+	17/2	3/2	1	0.1732257	-
15/2	-1/2	2	0.0628410	+	17/2	5/2	1	0.4276689	-
15/2	1/2	2	-0.2433822	+	17/2	7/2	1	0.5602963	-
15/2	3/2	2	-0.4421257	+	17/2	9/2	1	0.4837931	-
15/2	5/2	2	-0.3899182	+	17/2	-9/2	2	-0.1500179	-
15/2	7/2	2	0.0000000	+	17/2	-7/2	2	-0.3020315	-
15/2	9/2	2	0.6135720	+	17/2	-5/2	2	-0.4383488	-
15/2	-9/2	3	0.1919824	+	17/2	-3/2	2	-0.5138705	-
15/2	-7/2	3	0.3628127	+	17/2	-1/2	2	-0.4904200	-
15/2	-5/2	3	0.4807269	+	17/2	1/2	2	-0.3474810	-
15/2	-3/2	3	0.4870178	+	17/2	3/2	2	-0.0925930	-
15/2	-1/2	3	0.3477612	+	17/2	5/2	2	0.2280622	-
15/2	1/2	3	0.0736876	+	17/2	7/2	2	0.5180937	-
15/2	3/2	3	-0.2605251	+	17/2	9/2	2	0.6133196	-
15/2	5/2	3	-0.4970501	+	17/2	-9/2	3	-0.0837536	-
15/2	7/2	3	-0.3757346	+	17/2	-7/2	3	-0.1935213	-
15/2	9/2	3	0.4850713	+	17/2	-5/2	3	-0.3246163	-
15/2	-9/2	4	0.1026189	+	17/2	-3/2	3	-0.4477748	-
15/2	-7/2	4	0.2308926	+	17/2	-1/2	3	-0.5237853	-
15/2	-5/2	4	0.3733183	+	17/2	1/2	3	-0.5092617	-
15/2	-3/2	4	0.4876087	+	17/2	3/2	3	-0.3657132	-
15/2	-1/2	4	0.5210501	+	17/2	5/2	3	-0.0746509	-
15/2	1/2	4	0.4211598	+	17/2	7/2	3	0.3338489	-
15/2	3/2	4	0.1533930	+	17/2	9/2	3	0.7082005	-
15/2	5/2	4	-0.2656845	+	17/2	-9/2	4	-0.0397278	-
15/2	7/2	4	-0.6859943	+	17/2	-7/2	4	-0.1044694	-
15/2	-9/2	5	0.0405637	+	17/2	-5/2	4	-0.2006992	-
15/2	-7/2	5	0.1073215	+	17/2	-3/2	4	-0.3213081	-
15/2	-5/2	5	0.2078271	+	17/2	-1/2	4	-0.4473999	-
15/2	-3/2	5	0.3363364	+	17/2	1/2	4	-0.5454569	-
15/2	-1/2	5	0.4756515	+	17/2	3/2	4	-0.5644252	-
15/2	1/2	5	0.5940885	+	17/2	5/2	4	-0.4327892	-
15/2	3/2	5	0.6416889	+	17/2	7/2	4	-0.0556415	-
15/2	5/2	5	0.5423261	+	17/2	9/2	4	0.6882472	-
17/2	-9/2	0	-0.3541003	-	17/2	-9/2	5	-0.0139589	-
17/2	-7/2	0	-0.5124085	-	17/2	-7/2	5	-0.0416175	-
17/2	-5/2	0	-0.5176108	-	17/2	-5/2	5	-0.0912980	-
17/2	-3/2	0	-0.3784388	-	17/2	-3/2	5	-0.1690510	-
17/2	-1/2	0	-0.1381863	-	17/2	-1/2	5	-0.2782074	-
17/2	1/2	0	0.1381863	-	17/2	1/2	5	-0.4163828	-
17/2	3/2	0	0.3784388	-	17/2	3/2	5	-0.5701556	-
17/2	5/2	0	0.5176108	-	17/2	5/2	5	-0.7038153	-
17/2	7/2	0	0.5124085	-	17/2	7/2	5	-0.7254763	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					19/2	7/2	4	0.7254763 +	
					19/2	9/2	4	0.7254763 +	
19/2	-9/2	0	0.1472135 +		19/2	-9/2	5	0.0032902 +	
19/2	-7/2	0	0.2891217 +		19/2	-7/2	5	0.0109122 +	
19/2	-5/2	0	0.4243146 +		19/2	-5/2	5	0.0267293 +	
19/2	-3/2	0	0.5292133 +		19/2	-3/2	5	0.0556415 +	
19/2	-1/2	0	0.5862749 +		19/2	-1/2	5	0.1040957 +	
19/2	1/2	0	0.5862749 +		19/2	1/2	5	0.1802990 +	
19/2	3/2	0	0.5292133 +		19/2	3/2	5	0.2944271 +	
19/2	5/2	0	0.4243146 +		19/2	5/2	5	0.4588315 +	
19/2	7/2	0	0.2891217 +		19/2	7/2	5	0.6882472 +	
19/2	9/2	0	0.1472135 +		19/2	9/2	5	1.0000000 +	
19/2	-9/2	1	0.0879769 +		J1 = 5				
19/2	-7/2	1	0.1936722 +		0	0	0	-0.3015113 +	
19/2	-5/2	1	0.3162654 +		0	-1	1	0.3015113 +	
19/2	-3/2	1	0.4369835 +		0	-2	2	-0.3015113 +	
19/2	-1/2	1	0.5351933 +		0	-3	3	0.3015113 +	
19/2	1/2	1	0.5916784 +		0	-4	4	-0.3015113 +	
19/2	3/2	1	0.5916784 +		0	-5	5	0.3015113 +	
19/2	5/2	1	0.5278615 +		1	-1	0	-0.3692745 -	
19/2	7/2	1	0.4031609 +		1	0	0	0.0000000 -	
19/2	9/2	1	0.2327650 +		1	1	0	0.3692745 -	
19/2	-9/2	2	0.0488008 +		1	-2	1	0.3567530 -	
19/2	-7/2	2	0.1195371 +		1	-1	1	-0.0953463 -	
19/2	-5/2	2	0.2162507 +		1	0	1	-0.3692745 -	
19/2	-3/2	2	0.3303285 +		1	-3	2	-0.3302891 -	
19/2	-1/2	2	0.4472668 +		1	-2	2	0.1906925 -	
19/2	1/2	2	0.5477878 +		1	-1	2	0.3567530 -	
19/2	3/2	2	0.6095220 +		1	-4	3	0.2860388 -	
19/2	5/2	2	0.6095220 +		1	-3	3	-0.2860388 -	
19/2	7/2	2	0.5278615 +		1	-2	3	-0.3302891 -	
19/2	9/2	2	0.3519077 +		1	-5	4	-0.2132007 -	
19/2	-9/2	3	0.0244004 +		1	-4	4	0.3813850 -	
19/2	-7/2	3	0.0662130 +		1	-3	4	0.2860388 -	
19/2	-5/2	3	0.1324260 +		1	-5	5	-0.4767313 -	
19/2	-3/2	3	0.2236334 +		1	-4	5	-0.2132007 -	
19/2	-1/2	3	0.3354501 +		2	-2	0	-0.4039433 +	
19/2	1/2	3	0.4571415 +		2	-1	0	0.0763381 +	
19/2	3/2	3	0.5701556 +		2	0	0	0.3413944 +	
19/2	5/2	3	0.6464957 +		2	1	0	0.0763381 +	
19/2	7/2	3	0.6464957 +		2	2	0	-0.4039433 +	
19/2	9/2	3	0.5129892 +		2	-3	1	0.3612978 +	
19/2	-9/2	4	0.0104044 +		2	-2	1	-0.2212488 +	
19/2	-7/2	4	0.0312131 +		2	-1	1	-0.3072549 +	
19/2	-5/2	4	0.0690148 +		2	0	1	0.0763381 +	
19/2	-3/2	4	0.1291148 +		2	1	1	0.4181210 +	
19/2	-1/2	4	0.2154986 +		2	-4	2	-0.2896827 +	
19/2	1/2	4	0.3291795 +		2	-3	2	0.3413944 +	
19/2	3/2	4	0.4655301 +						
19/2	5/2	4	0.6095220 +						

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					3	-4	5	-0.5017452	-
					3	-3	5	-0.3739788	-
2	-2	2	0.2048366	+	3	-2	5	-0.1869894	-
2	-1	2	-0.2212488	+	4	-4	0	-0.3547874	+
2	0	2	-0.4039433	+	4	-3	0	0.3547874	+
2	-5	3	0.1869894	+	4	-2	0	0.2709734	+
2	-4	3	-0.4139187	+	4	-1	0	-0.1448414	+
2	-3	3	-0.0341394	+	4	0	0	-0.3547874	+
2	-2	3	0.3413944	+	4	1	0	-0.1448414	+
2	-1	3	0.3612978	+	4	2	0	0.2709734	+
2	-5	4	0.3966644	+	4	3	0	0.3547874	+
2	-4	4	-0.2048366	+	4	4	0	-0.3547874	+
2	-3	4	-0.4139187	+	4	-5	1	0.2048366	+
2	-2	4	-0.2896827	+	4	-4	1	-0.4580286	+
2	-5	5	0.5120916	+	4	-3	1	0.0000000	+
2	-4	5	0.3966644	+	4	-2	1	0.3498251	+
2	-3	5	0.1869894	+	4	-1	1	0.2365250	+
3	-3	0	-0.4039433	-	4	0	1	-0.1448414	+
3	-2	0	0.2019716	-	4	1	1	-0.3739788	+
3	-1	0	0.3379632	-	4	2	1	-0.1322215	+
3	0	0	0.0000000	-	4	3	1	0.4580286	+
3	1	0	-0.3379632	-	4	-5	2	0.3832142	+
3	2	0	-0.2019716	-	4	-4	2	-0.3238751	+
3	3	0	0.4039433	-	4	-3	2	-0.3238751	+
3	-4	1	0.3128931	-	4	-2	2	0.0591312	+
3	-3	1	-0.3612978	-	4	-1	2	0.3498251	+
3	-2	1	-0.2098951	-	4	0	2	0.2709734	+
3	-1	1	0.2137467	-	4	1	2	-0.1322215	+
3	0	1	0.3379632	-	4	2	2	-0.4947274	+
3	1	1	0.0000000	-	4	-5	3	0.5017452	+
3	2	1	-0.4516223	-	4	-4	3	0.0000000	+
3	-5	2	-0.1869894	-	4	-3	3	-0.3547874	+
3	-4	2	0.4345241	-	4	-2	3	-0.3238751	+
3	-3	2	-0.0215917	-	4	-1	3	0.0000000	+
3	-2	2	-0.3511553	-	4	0	3	0.3547874	+
3	-1	2	-0.2098951	-	4	1	3	0.4580286	+
3	0	2	0.2019716	-	4	-5	4	0.5017452	+
3	1	2	0.4516223	-	4	-4	4	0.3547874	+
3	-5	3	-0.3739788	-	4	-3	4	0.0000000	+
3	-4	3	0.2991830	-	4	-2	4	-0.3238751	+
3	-3	3	0.3358876	-	4	-1	4	-0.4580286	+
3	-2	3	-0.0215917	-	4	0	4	-0.3547874	+
3	-1	3	-0.3612978	-	4	-5	5	0.3547874	+
3	0	3	-0.4039433	-	4	-4	5	0.5017452	+
3	-5	4	-0.5017452	-	4	-3	5	0.5017452	+
3	-4	4	-0.0916057	-	4	-2	5	0.3832142	+
3	-3	4	0.2991830	-	4	-1	5	0.2048366	+
3	-2	4	0.4345241	-	5	-5	0	-0.2401922	-
3	-1	4	0.3128931	-	5	-4	0	0.4803845	-
3	-5	5	-0.4580286	-	5	-3	0	0.0800641	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					6	-5	0	0.4696682	+
					6	-4	0	-0.2533202	+
5	-2	0	-0.3202563	-	6	-3	0	-0.4087937	+
5	-1	0	-0.3202563	-	6	-2	0	-0.1335115	+
5	0	0	0.0000000	-	6	-1	0	0.2234074	+
5	1	0	0.3202563	-	6	0	0	0.3776275	+
5	2	0	0.3202563	-	6	1	0	0.2234074	+
5	3	0	-0.0800641	-	6	2	0	-0.1335115	+
5	4	0	-0.4803845	-	6	3	0	-0.4087937	+
5	5	0	0.2401922	-	6	4	0	-0.2533202	+
5	-5	1	-0.4160251	-	6	5	0	0.4696682	+
5	-4	1	0.3100868	-	6	-5	1	0.5484543	+
5	-3	1	0.3580574	-	6	-4	1	0.0633300	+
5	-2	1	0.0000000	-	6	-3	1	-0.3283948	+
5	-1	1	-0.3202563	-	6	-2	1	-0.3699978	+
5	0	1	-0.3202563	-	6	-1	1	-0.1132882	+
5	1	1	0.0000000	-	6	0	1	0.2234074	+
5	2	1	0.3580574	-	6	1	1	0.3869530	+
5	3	1	0.3100868	-	6	2	1	0.2193817	+
5	4	1	-0.4160251	-	6	3	1	-0.2125727	+
5	-5	2	-0.5188745	-	6	4	1	-0.4880935	+
5	-4	2	0.0000000	-	6	5	1	0.2970443	+
5	-3	2	0.3580574	-	6	-5	2	0.5298572	+
5	-2	2	0.3202563	-	6	-4	2	0.3351111	+
5	-1	2	0.0000000	-	6	-3	2	-0.0499554	+
5	0	2	-0.3202563	-	6	-2	2	-0.3398647	+
5	1	2	-0.3580574	-	6	-1	2	-0.3699978	+
5	2	2	0.0000000	-	6	0	2	-0.1335115	+
5	3	2	0.5188745	-	6	1	2	0.2193817	+
5	-5	3	-0.5188745	-	6	2	2	0.4238858	+
5	-4	3	-0.3100868	-	6	3	2	0.2029199	+
5	-3	3	0.0800641	-	6	4	2	-0.4970501	+
5	-2	3	0.3580574	-	6	-5	3	0.4326266	+
5	-1	3	0.3580574	-	6	-4	3	0.4758893	+
5	0	3	0.0800641	-	6	-3	3	0.2737799	+
5	1	3	-0.3100868	-	6	-2	3	-0.0499554	+
5	2	3	-0.5188745	-	6	-1	3	-0.3283948	+
5	-5	4	-0.4160251	-	6	0	3	-0.4087937	+
5	-4	4	-0.4803845	-	6	1	3	-0.2125727	+
5	-3	4	-0.3100868	-	6	2	3	0.2029199	+
5	-2	4	0.0000000	-	6	3	3	0.5739440	+
5	-1	4	0.3100868	-	6	-5	4	0.2902147	+
5	0	4	0.4803845	-	6	-4	4	0.4531529	+
5	1	4	0.4160251	-	6	-3	4	0.4758893	+
5	-5	5	-0.2401922	-	6	-2	4	0.3351111	+
5	-4	5	-0.4160251	-	6	-1	4	0.0633300	+
5	-3	5	-0.5188745	-	6	0	4	-0.2533202	+
5	-2	5	-0.5188745	-	6	1	4	-0.4880935	+
5	-1	5	-0.4160251	-	6	2	4	-0.4970501	+
5	0	5	-0.2401922	-	6	-5	5	0.1416103	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					7	4	3	-0.5940885	-
					7	-5	4	-0.1696901	-
6	-4	5	0.2902147	+	7	-4	4	-0.3298529	-
6	-3	5	0.4326266	+	7	-3	4	-0.4553264	-
6	-2	5	0.5298572	+	7	-2	4	-0.4932702	-
6	-1	5	0.5484543	+	7	-1	4	-0.4056370	-
6	0	5	0.4696682	+	7	0	4	-0.1842190	-
6	1	5	0.2970443	+	7	1	4	0.1345346	-
7	-5	0	-0.5825517	-	7	2	4	0.4537426	-
7	-4	0	-0.1842190	-	7	3	4	0.5940885	-
7	-3	0	0.2356538	-	7	-5	5	-0.0717072	-
7	-2	0	0.4081643	-	7	-4	5	-0.1696901	-
7	-1	0	0.2939119	-	7	-3	5	-0.2939119	-
7	0	0	0.0000000	-	7	-2	5	-0.4242253	-
7	1	0	-0.2939119	-	7	-1	5	-0.5317945	-
7	2	0	-0.4081643	-	7	0	5	-0.5825517	-
7	3	0	-0.2356538	-	7	1	5	-0.5423261	-
7	4	0	0.1842190	-	7	2	5	-0.3834825	-
7	5	0	0.5825517	-	8	-5	0	0.5129892	+
7	-5	1	-0.5317945	-	8	-4	0	0.4949134	+
7	-4	1	-0.4056370	-	8	-3	0	0.2464320	+
7	-3	1	-0.0608455	-	8	-2	0	-0.0743021	+
7	-2	1	0.2636640	-	8	-1	0	-0.3289492	+
7	-1	1	0.4015601	-	8	0	0	-0.4246716	+
7	0	1	0.2939119	-	8	1	0	-0.3289492	+
7	1	1	0.0000000	-	8	2	0	-0.0743021	+
7	2	1	-0.3161627	-	8	3	0	0.2464320	+
7	3	1	-0.4280863	-	8	4	0	0.4949134	+
7	4	1	-0.1345346	-	8	5	0	0.5129892	+
7	5	1	0.5423261	-	8	-5	1	0.3896433	+
7	-5	2	-0.4242253	-	8	-4	1	0.5090278	+
7	-4	2	-0.4932702	-	8	-3	1	0.4319755	+
7	-3	2	-0.3286035	-	8	-2	1	0.2042969	+
7	-2	2	-0.0286829	-	8	-1	1	-0.0849343	+
7	-1	2	0.2636640	-	8	0	1	-0.3289492	+
7	0	2	0.4081643	-	8	1	1	-0.4306956	+
7	1	2	0.3161627	-	8	2	1	-0.3306233	+
7	2	2	0.0000000	-	8	3	1	-0.0348508	+
7	3	2	-0.3775367	-	8	4	1	0.3554093	+
7	4	2	-0.4537426	-	8	5	1	0.6069770	+
7	5	2	0.3834825	-	8	-5	2	0.2661770	+
7	-5	3	-0.2939119	-	8	-4	2	0.4351589	+
7	-4	3	-0.4553264	-	8	-3	2	0.4938712	+
7	-3	3	-0.4732673	-	8	-2	2	0.4125381	+
7	-2	3	-0.3286035	-	8	-1	2	0.2042969	+
7	-1	3	-0.0608455	-	8	0	2	-0.0743021	+
7	0	3	0.2356538	-	8	1	2	-0.3306233	+
7	1	3	0.4280863	-	8	2	2	-0.4517174	+
7	2	3	0.3775367	-	8	3	2	-0.3324550	+
7	3	3	0.0000000	-	8	4	2	0.0725476	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					9	1	1	0.0000000	-
					9	2	1	0.2605251	-
8	5	2	0.6282809	+	9	3	1	0.4696682	-
8	-5	3	0.1605108	+	9	4	1	0.5557189	-
8	-4	3	0.3154703	+	9	5	1	0.4537426	-
8	-3	3	0.4428718	+	9	-5	2	-0.1258456	-
8	-2	3	0.4938712	+	9	-4	2	-0.2605251	-
8	-1	3	0.4319755	+	9	-3	2	-0.3927563	-
8	0	3	0.2464320	+	9	-2	2	-0.4867643	-
8	1	3	-0.0348508	+	9	-1	2	-0.5090703	-
8	2	3	-0.3324550	+	9	0	2	-0.4359418	-
8	3	3	-0.5026247	+	9	1	2	-0.2605251	-
8	4	3	-0.3244428	+	9	2	2	0.0000000	-
8	5	3	0.5129892	+	9	3	2	0.2970443	-
8	-5	4	0.0813938	+	9	4	2	0.5423261	-
8	-4	4	0.1880689	+	9	5	2	0.5940885	-
8	-3	4	0.3154703	+	9	-5	3	-0.0672673	-
8	-2	4	0.4351589	+	9	-4	3	-0.1587306	-
8	-1	4	0.5090278	+	9	-3	3	-0.2738049	-
8	0	4	0.4949134	+	9	-2	3	-0.3927563	-
8	1	4	0.3554093	+	9	-1	3	-0.4873977	-
8	2	4	0.0725476	+	9	0	3	-0.5242966	-
8	3	4	-0.3244428	+	9	1	3	-0.4696682	-
8	4	4	-0.6882472	+	9	2	3	-0.2970443	-
8	-5	5	0.0303337	+	9	3	3	0.0000000	-
8	-4	5	0.0813938	+	9	4	3	0.3834825	-
8	-3	5	0.1605108	+	9	5	3	0.7071068	-
8	-2	5	0.2661770	+	9	-5	4	-0.0304228	-
8	-1	5	0.3896433	+	9	-4	4	-0.0811274	-
8	0	5	0.5129892	+	9	-3	4	-0.1587306	-
8	1	5	0.6069770	+	9	-2	4	-0.2605251	-
8	2	5	0.6282809	+	9	-1	4	-0.3760355	-
8	3	5	0.5129892	+	9	0	4	-0.4850713	-
9	-5	0	-0.3208445	-	9	1	4	-0.5557189	-
9	-4	0	-0.4850713	-	9	2	4	-0.5423261	-
9	-3	0	-0.5242966	-	9	3	4	-0.3834825	-
9	-2	0	-0.4359418	-	9	4	4	0.0000000	-
9	-1	0	-0.2459043	-	9	5	4	0.7071068	-
9	0	0	0.0000000	-	9	-5	5	-0.0101409	-
9	1	0	0.2459043	-	9	-4	5	-0.0304228	-
9	2	0	0.4359418	-	9	-3	5	-0.0672673	-
9	3	0	0.5242966	-	9	-2	5	-0.1258456	-
9	4	0	0.4850713	-	9	-1	5	-0.2100420	-
9	5	0	0.3208445	-	9	0	5	-0.3208445	-
9	-5	1	-0.2100420	-	9	1	5	-0.4537426	-
9	-4	1	-0.3760355	-	9	2	5	-0.5940885	-
9	-3	1	-0.4873977	-	9	3	5	-0.7071068	-
9	-2	1	-0.5090703	-	9	4	5	-0.7071068	-
9	-1	1	-0.4259188	-	10	-5	0	0.1274907	+
9	0	1	-0.2459043	-	10	-4	0	0.2549813	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					10	1	4	0.3680339 +	
					10	2	4	0.4976726 +	
10	-3	0	0.3824720 +		10	3	4	0.6282809 +	
10	-2	0	0.4899563 +		10	4	4	0.7254763 +	
10	-1	0	0.5613154 +		10	5	4	0.7071068 +	
10	0	0	0.5862749 +		10	-5	5	0.0023265 +	
10	1	0	0.5613154 +		10	-4	5	0.0077161 +	
10	2	0	0.4899563 +		10	-3	5	0.0189005 +	
10	3	0	0.3824720 +		10	-2	5	0.0393445 +	
10	4	0	0.2549813 +		10	-1	5	0.0736068 +	
10	5	0	0.1274907 +		10	0	5	0.1274907 +	
10	-5	1	0.0736068 +		10	1	5	0.2081914 +	
10	-4	1	0.1645897 +		10	2	5	0.3244428 +	
10	-3	1	0.2738939 +		10	3	5	0.4866643 +	
10	-2	1	0.3873444 +		10	4	5	0.7071068 +	
10	-1	1	0.4885624 +		10	5	5	1.0000000 +	
10	0	1	0.5613154 +						
10	1	1	0.5916784 +		J1 = 11/2				
10	2	1	0.5701556 +		1/2	-1/2	0	-0.3015113 +	
10	3	1	0.4937692 +		1/2	1/2	0	-0.3015113 +	
10	4	1	0.3680339 +		1/2	-3/2	1	0.3256695 +	
10	5	1	0.2081914 +		1/2	-1/2	1	0.2752409 +	
10	-5	2	0.0393445 +		1/2	-5/2	2	-0.3481553 +	
10	-4	2	0.0976016 +		1/2	-3/2	2	-0.2461830 +	
10	-3	2	0.1793056 +		1/2	-7/2	3	0.3692745 +	
10	-2	2	0.2791785 +		1/2	-5/2	3	0.2132007 +	
10	-1	2	0.3873444 +		1/2	-9/2	4	-0.3892495 +	
10	0	2	0.4899563 +		1/2	-7/2	4	-0.1740777 +	
10	1	2	0.5701556 +		1/2	-11/2	5	0.4082483 +	
10	2	2	0.6095220 +		1/2	-9/2	5	0.1230915 +	
10	3	2	0.5901671 +		3/2	-3/2	0	-0.3832142 -	
10	4	2	0.4976726 +		3/2	-1/2	0	-0.1869894 -	
10	5	2	0.3244428 +		3/2	1/2	0	0.1869894 -	
10	-5	3	0.0189005 +		3/2	3/2	0	0.3832142 -	
10	-4	3	0.0517611 +		3/2	-5/2	1	0.3957820 -	
10	-3	3	0.1046919 +		3/2	-3/2	1	0.0807887 -	
10	-2	3	0.1793056 +		3/2	-1/2	1	-0.2731155 -	
10	-1	3	0.2738939 +		3/2	1/2	1	-0.3547874 -	
10	0	3	0.3824720 +		3/2	-7/2	2	-0.3886502 -	
10	1	3	0.4937692 +		3/2	-5/2	2	0.0431834 -	
10	2	3	0.5901671 +		3/2	-3/2	2	0.3358876 -	
10	3	3	0.6464957 +		3/2	-1/2	2	0.3128931 -	
10	4	3	0.6282809 +		3/2	-9/2	3	0.3547874 -	
10	5	3	0.4866643 +		3/2	-7/2	3	-0.1832114 -	
10	-5	4	0.0077161 +		3/2	-5/2	3	-0.3702201 -	
10	-4	4	0.0232649 +		3/2	-3/2	3	-0.2591001 -	
10	-3	4	0.0517611 +		3/2	-11/2	4	-0.2773501 -	
10	-2	4	0.0976016 +		3/2	-9/2	4	0.3379632 -	
10	-1	4	0.1645897 +		3/2	-7/2	4	0.3670585 -	
10	0	4	0.2549813 +						

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					7/2	-3/2	1	0.0557495	-
					7/2	-1/2	1	0.3298183	-
3/2	-5/2	4	0.1943251	-	7/2	1/2	1	0.2554762	-
3/2	-11/2	5	-0.5063697	-	7/2	3/2	1	-0.1246596	-
3/2	-9/2	5	-0.3053524	-	7/2	5/2	1	-0.4664335	-
3/2	-7/2	5	-0.1182625	-	7/2	-11/2	2	-0.2264554	-
5/2	-5/2	0	-0.4318335	+	7/2	-9/2	2	0.4387188	-
5/2	-3/2	0	-0.0682789	+	7/2	-7/2	2	0.0999500	-
5/2	-1/2	0	0.2856310	+	7/2	-5/2	2	-0.2830938	-
5/2	1/2	0	0.2856310	+	7/2	-3/2	2	-0.3266054	-
5/2	3/2	0	-0.0682789	+	7/2	-1/2	2	-0.0482805	-
5/2	5/2	0	-0.4318335	+	7/2	1/2	2	0.3066221	-
5/2	-7/2	1	0.4096732	+	7/2	3/2	2	0.4363086	-
5/2	-5/2	1	-0.1057772	+	7/2	-11/2	3	-0.4193139	-
5/2	-3/2	1	-0.3437758	+	7/2	-9/2	3	0.2189796	-
5/2	-1/2	1	-0.1564466	+	7/2	-7/2	3	0.3792837	-
5/2	1/2	1	0.2212488	+	7/2	-5/2	3	0.1459864	-
5/2	3/2	1	0.4181210	+	7/2	-3/2	3	-0.1999001	-
5/2	-9/2	2	-0.3462371	+	7/2	-1/2	3	-0.4096732	-
5/2	-7/2	2	0.2769897	+	7/2	1/2	3	-0.3612978	-
5/2	-5/2	2	0.3109715	+	7/2	-11/2	4	-0.5135526	-
5/2	-3/2	2	-0.0199900	+	7/2	-9/2	4	-0.1999001	-
5/2	-1/2	2	-0.3344968	+	7/2	-7/2	4	0.1787961	-
5/2	1/2	2	-0.3739788	+	7/2	-5/2	4	0.3998001	-
5/2	-11/2	3	0.2344036	+	7/2	-3/2	4	0.4080443	-
5/2	-9/2	3	-0.4108907	+	7/2	-1/2	4	0.2554762	-
5/2	-7/2	3	-0.1699151	+	7/2	-11/2	5	-0.4193139	-
5/2	-5/2	3	0.2135129	+	7/2	-9/2	5	-0.5057116	-
5/2	-3/2	3	0.3924020	+	7/2	-7/2	5	-0.4379591	-
5/2	-1/2	3	0.3053524	+	7/2	-5/2	5	-0.2919727	-
5/2	-11/2	4	0.4447496	+	7/2	-3/2	5	-0.1365577	-
5/2	-9/2	4	-0.0948209	+	9/2	-9/2	0	-0.3966644	+
5/2	-7/2	4	-0.3816469	+	9/2	-7/2	0	0.2956562	+
5/2	-5/2	4	-0.3808608	+	9/2	-5/2	0	0.3413944	+
5/2	-3/2	4	-0.2189796	+	9/2	-3/2	0	0.0000000	+
5/2	-11/2	5	0.4972452	+	9/2	-1/2	0	-0.3053524	+
5/2	-9/2	5	0.4497752	+	9/2	1/2	0	-0.3053524	+
5/2	-7/2	5	0.2844628	+	9/2	3/2	0	0.0000000	+
5/2	-5/2	5	0.1224133	+	9/2	5/2	0	0.3413944	+
7/2	-7/2	0	-0.4424977	-	9/2	7/2	0	0.2956562	+
7/2	-5/2	0	0.0965609	-	9/2	9/2	0	-0.3966644	+
7/2	-3/2	0	0.3547874	-	9/2	-11/2	1	0.2401922	+
7/2	-1/2	0	0.1806489	-	9/2	-9/2	1	-0.4586643	+
7/2	1/2	0	-0.1806489	-	9/2	-7/2	1	-0.1079584	+
7/2	3/2	0	-0.3547874	-	9/2	-5/2	1	0.2856310	+
7/2	5/2	0	-0.0965609	-	9/2	-3/2	1	0.3298183	+
7/2	7/2	0	0.4424977	-	9/2	-1/2	1	0.0557495	+
7/2	-9/2	1	0.3612978	-	9/2	1/2	1	-0.2731155	+
7/2	-7/2	1	-0.3053524	-	9/2	3/2	1	-0.3525906	+
7/2	-5/2	1	-0.3053524	-	9/2	5/2	1	-0.0311649	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					11/2	-1/2	1	-0.3628127	-
					11/2	1/2	1	-0.2146429	-
9/2	7/2	1	0.4858127	+	11/2	3/2	1	0.1282737	-
9/2	-11/2	2	0.4236593	+	11/2	5/2	1	0.3927563	-
9/2	-9/2	2	-0.2554762	+	11/2	7/2	1	0.2433822	-
9/2	-7/2	2	-0.3739788	+	11/2	9/2	1	-0.4512426	-
9/2	-5/2	2	-0.0881476	+	11/2	-11/2	2	-0.5339175	-
9/2	-3/2	2	0.2493192	+	11/2	-9/2	2	-0.0929431	-
9/2	-1/2	2	0.3612978	+	11/2	-7/2	2	0.2939119	-
9/2	1/2	2	0.1576833	+	11/2	-5/2	2	0.3728772	-
9/2	3/2	2	-0.2332168	+	11/2	-3/2	2	0.1622548	-
9/2	5/2	2	-0.4947274	+	11/2	-1/2	2	-0.1622548	-
9/2	-11/2	3	0.5188745	+	11/2	1/2	2	-0.3728772	-
9/2	-9/2	3	0.1024183	+	11/2	3/2	2	-0.2939119	-
9/2	-7/2	3	-0.2804841	+	11/2	5/2	2	0.0929431	-
9/2	-5/2	3	-0.3778543	+	11/2	7/2	2	0.5339175	-
9/2	-3/2	3	-0.1869894	+	11/2	-11/2	3	-0.5033822	-
9/2	-1/2	3	0.1448414	+	11/2	-9/2	3	-0.3756251	-
9/2	1/2	3	0.4103839	+	11/2	-7/2	3	-0.0405637	-
9/2	3/2	3	0.4284465	+	11/2	-5/2	3	0.2693238	-
9/2	-11/2	4	0.4803845	+	11/2	-3/2	3	0.3918825	-
9/2	-9/2	4	0.4139187	+	11/2	-1/2	3	0.2693238	-
9/2	-7/2	4	0.1322215	+	11/2	1/2	3	-0.0405637	-
9/2	-5/2	4	-0.1869894	+	11/2	3/2	3	-0.3756251	-
9/2	-3/2	4	-0.4039433	+	11/2	5/2	3	-0.5033822	-
9/2	-1/2	4	-0.4438127	+	11/2	-11/2	4	-0.3775367	-
9/2	1/2	4	-0.3072549	+	11/2	-9/2	4	-0.4810263	-
9/2	-11/2	5	0.3100868	+	11/2	-7/2	4	-0.3872187	-
9/2	-9/2	5	0.4674735	+	11/2	-5/2	4	-0.1469559	-
9/2	-7/2	5	0.5120916	+	11/2	-3/2	4	0.1469559	-
9/2	-5/2	5	0.4516223	+	11/2	-1/2	4	0.3872187	-
9/2	-3/2	5	0.3193452	+	11/2	1/2	4	0.4810263	-
9/2	-1/2	5	0.1619376	+	11/2	3/2	4	0.3775367	-
11/2	-11/2	0	-0.2732410	-	11/2	-11/2	5	-0.2018018	-
11/2	-9/2	0	0.4719617	-	11/2	-9/2	5	-0.3650733	-
11/2	-7/2	0	0.1738806	-	11/2	-7/2	5	-0.4829465	-
11/2	-5/2	0	-0.2401209	-	11/2	-5/2	5	-0.5257656	-
11/2	-3/2	0	-0.3643213	-	11/2	-3/2	5	-0.4829465	-
11/2	-1/2	0	-0.1656006	-	11/2	-1/2	5	-0.3650733	-
11/2	1/2	0	0.1656006	-	11/2	1/2	5	-0.2018018	-
11/2	3/2	0	0.3643213	-	13/2	-11/2	0	0.4988675	+
11/2	5/2	0	0.2401209	-	13/2	-9/2	0	-0.1842190	+
11/2	7/2	0	-0.1738806	-	13/2	-7/2	0	-0.4159015	+
11/2	9/2	0	-0.4719617	-	13/2	-5/2	0	-0.2356538	+
11/2	11/2	0	0.2732410	-	13/2	-3/2	0	0.0993604	+
11/2	-11/2	1	-0.4512426	-	13/2	-1/2	0	0.3393802	+
11/2	-9/2	1	0.2433822	-	13/2	1/2	0	0.3393802	+
11/2	-7/2	1	0.3927563	-	13/2	3/2	0	0.0993604	+
11/2	-5/2	1	0.1282737	-	13/2	5/2	0	-0.2356538	+
11/2	-3/2	1	-0.2146429	-	13/2	7/2	0	-0.4159015	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					13/2	-3/2	5	0.5421681 +	
					13/2	-1/2	5	0.5264497 +	
13/2	9/2	0	-0.1842190 +		13/2	1/2	5	0.4298444 +	
13/2	11/2	0	0.4988675 +		13/2	3/2	5	0.2619684 +	
13/2	-11/2	1	0.5577508 +		15/2	-11/2	0	-0.5835729 -	
13/2	-9/2	1	0.1463716 +		15/2	-9/2	0	-0.2535765 -	
13/2	-7/2	1	-0.2566809 +		15/2	-7/2	0	0.1527707 -	
13/2	-5/2	1	-0.3912347 +		15/2	-5/2	0	0.3822809 -	
13/2	-3/2	1	-0.2408905 +		15/2	-3/2	0	0.3629321 -	
13/2	-1/2	1	0.0619621 +		15/2	-1/2	0	0.1456612 -	
13/2	1/2	1	0.3219644 +		15/2	1/2	0	-0.1456612 -	
13/2	3/2	1	0.3650733 +		15/2	3/2	0	-0.3629321 -	
13/2	5/2	1	0.1224493 +		15/2	5/2	0	-0.3822809 -	
13/2	7/2	1	-0.2857870 +		15/2	7/2	0	-0.1527707 -	
13/2	9/2	1	-0.4668498 +		15/2	9/2	0	0.2535765 -	
13/2	11/2	1	0.3283948 +		15/2	11/2	0	0.5835729 -	
13/2	-11/2	2	0.5137623 +		15/2	-11/2	1	-0.5118273 -	
13/2	-9/2	2	0.3918825 +		15/2	-9/2	1	-0.4454884 -	
13/2	-7/2	2	0.0587824 +		15/2	-7/2	1	-0.1558110 -	
13/2	-5/2	2	-0.2547236 +		15/2	-5/2	1	0.1657922 -	
13/2	-3/2	2	-0.3879439 +		15/2	-3/2	1	0.3686065 -	
13/2	-1/2	2	-0.2839459 +		15/2	-1/2	1	0.3723155 -	
13/2	1/2	2	0.0000000 +		15/2	1/2	1	0.1809283 -	
13/2	3/2	2	0.3054422 +		15/2	3/2	1	-0.1184454 -	
13/2	5/2	2	0.4135707 +		15/2	5/2	1	-0.3726798 -	
13/2	7/2	2	0.1299727 +		15/2	7/2	1	-0.4002857 -	
13/2	9/2	2	-0.5239368 +		15/2	9/2	1	-0.0642493 -	
13/2	-11/2	3	0.3979586 +		15/2	11/2	1	0.5637849 -	
13/2	-9/2	3	0.4829465 +		15/2	-11/2	2	-0.3909145 -	
13/2	-7/2	3	0.3533061 +		15/2	-9/2	2	-0.4926810 -	
13/2	-5/2	3	0.0839923 +		15/2	-7/2	2	-0.3908887 -	
13/2	-3/2	3	-0.2057383 +		15/2	-5/2	2	-0.1453686 -	
13/2	-1/2	3	-0.3888089 +		15/2	-3/2	2	0.1410192 -	
13/2	1/2	3	-0.3688565 +		15/2	-1/2	2	0.3533199 -	
13/2	3/2	3	-0.1193876 +		15/2	1/2	2	0.3972780 -	
13/2	5/2	3	0.2757138 +		15/2	3/2	2	0.2324067 -	
13/2	7/2	3	0.5739440 +		15/2	5/2	2	-0.0948796 -	
13/2	-11/2	4	0.2516911 +		15/2	7/2	2	-0.4181141 -	
13/2	-9/2	4	0.4162311 +		15/2	9/2	2	-0.4176202 -	
13/2	-7/2	4	0.4800561 +		15/2	11/2	2	0.4126483 -	
13/2	-5/2	4	0.4114767 +		15/2	-11/2	3	-0.2582296 -	
13/2	-3/2	4	0.2168672 +		15/2	-9/2	3	-0.4221661 -	
13/2	-1/2	4	-0.0579602 +		15/2	-7/2	3	-0.4791254 -	
13/2	1/2	4	-0.3329560 +		15/2	-5/2	3	-0.4002208 -	
13/2	3/2	4	-0.5054753 +		15/2	-3/2	3	-0.1981971 -	
13/2	5/2	4	-0.4686233 +		15/2	-1/2	3	0.0720836 -	
13/2	-11/2	5	0.1148808 +		15/2	1/2	3	0.3207517 -	
13/2	-9/2	5	0.2424649 +		15/2	3/2	3	0.4382302 -	
13/2	-7/2	5	0.3756251 +		15/2	5/2	3	0.3225287 -	
13/2	-5/2	5	0.4849299 +		15/2	7/2	3	-0.0703815 -	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					17/2	-3/2	2	0.3070964	+
					17/2	-1/2	2	0.0738637	+
15/2	9/2	3	-0.6095220	-	17/2	1/2	2	-0.1851861	+
15/2	-11/2	4	-0.1414382	-	17/2	3/2	2	-0.3873444	+
15/2	-9/2	4	-0.2847580	-	17/2	5/2	2	-0.4416406	+
15/2	-7/2	4	-0.4132792	-	17/2	7/2	2	-0.2725865	+
15/2	-5/2	4	-0.4844817	-	17/2	9/2	2	0.1362933	+
15/2	-3/2	4	-0.4623724	-	17/2	11/2	2	0.6392720	+
15/2	-1/2	4	-0.3276082	-	17/2	-11/2	3	0.1354168	+
15/2	1/2	4	-0.0872975	-	17/2	-9/2	3	0.2745255	+
15/2	3/2	4	0.2150191	-	17/2	-7/2	3	0.4024823	+
15/2	5/2	4	0.4884634	-	17/2	-5/2	3	0.4795218	+
15/2	7/2	4	0.5782433	-	17/2	-3/2	3	0.4714798	+
15/2	-11/2	5	-0.0563503	-	17/2	-1/2	3	0.3591090	+
15/2	-9/2	5	-0.1359221	-	17/2	1/2	3	0.1470112	+
15/2	-7/2	5	-0.2412378	-	17/2	3/2	3	-0.1274907	+
15/2	-5/2	5	-0.3596161	-	17/2	5/2	3	-0.3854955	+
15/2	-3/2	5	-0.4714607	-	17/2	7/2	3	-0.4976726	+
15/2	-1/2	5	-0.5521182	-	17/2	9/2	3	-0.2754113	+
15/2	1/2	5	-0.5746628	-	17/2	11/2	3	0.5380276	+
15/2	3/2	5	-0.5139941	-	17/2	-11/2	4	0.0654732	+
15/2	5/2	5	-0.3519077	-	17/2	-9/2	4	0.1544970	+
17/2	-11/2	0	0.4882521	+	17/2	-7/2	4	0.2665022	+
17/2	-9/2	0	0.5114782	+	17/2	-5/2	4	0.3822809	+
17/2	-7/2	0	0.3164536	+	17/2	-3/2	4	0.4743981	+
17/2	-5/2	0	0.0267293	+	17/2	-1/2	4	0.5103128	+
17/2	-3/2	0	-0.2412378	+	17/2	1/2	4	0.4571415	+
17/2	-1/2	0	-0.3989095	+	17/2	3/2	4	0.2891217	+
17/2	1/2	0	-0.3989095	+	17/2	5/2	4	0.0000000	+
17/2	3/2	0	-0.2412378	+	17/2	7/2	4	-0.3732545	+
17/2	5/2	0	0.0267293	+	17/2	9/2	4	-0.6882472	+
17/2	7/2	0	0.3164536	+	17/2	-11/2	5	0.0231483	+
17/2	9/2	0	0.5114782	+	17/2	-9/2	5	0.0628152	+
17/2	11/2	0	0.4882521	+	17/2	-7/2	5	0.1256303	+
17/2	-11/2	1	0.3573639	+	17/2	-5/2	5	0.2121573	+
17/2	-9/2	1	0.4944922	+	17/2	-3/2	5	0.3182359	+
17/2	-7/2	1	0.4648902	+	17/2	-1/2	5	0.4336825	+
17/2	-5/2	1	0.2919719	+	17/2	1/2	5	0.5408971	+
17/2	-3/2	1	0.0369318	+	17/2	3/2	5	0.6133196	+
17/2	-1/2	1	-0.2184917	+	17/2	5/2	5	0.6133196	+
17/2	1/2	1	-0.3908499	+	17/2	7/2	5	0.4866643	+
17/2	3/2	1	-0.4140886	+	19/2	-11/2	0	-0.2917864	-
17/2	5/2	1	-0.2588054	+	19/2	-9/2	0	-0.4571415	-
17/2	7/2	1	0.0481869	+	19/2	-7/2	0	-0.5204785	-
17/2	9/2	1	0.4031609	+	19/2	-5/2	0	-0.4725118	-
17/2	11/2	1	0.5979842	+	19/2	-3/2	0	-0.3273658	-
17/2	-11/2	2	0.2345487	+	19/2	-1/2	0	-0.1167887	-
17/2	-9/2	2	0.4000476	+	19/2	1/2	0	0.1167887	-
17/2	-7/2	2	0.4842225	+	19/2	3/2	0	0.3273658	-
17/2	-5/2	2	0.4540407	+	19/2	5/2	0	0.4725118	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					19/2	7/2	4	-0.3358302	-
					19/2	9/2	4	0.0500626	-
19/2	7/2	0	0.5204785	-	19/2	11/2	4	0.7237469	-
19/2	9/2	0	0.4571415	-	19/2	-11/2	5	-0.0075301	-
19/2	11/2	0	0.2917864	-	19/2	-9/2	5	-0.0227042	-
19/2	-11/2	1	-0.1845419	-	19/2	-7/2	5	-0.0505136	-
19/2	-9/2	1	-0.3399751	-	19/2	-5/2	5	-0.0952494	-
19/2	-7/2	1	-0.4582255	-	19/2	-3/2	5	-0.1606231	-
19/2	-5/2	1	-0.5071529	-	19/2	-1/2	5	-0.2488363	-
19/2	-3/2	1	-0.4685433	-	19/2	1/2	5	-0.3591643	-
19/2	-1/2	1	-0.3411618	-	19/2	3/2	5	-0.4856787	-
19/2	1/2	1	-0.1414382	-	19/2	5/2	5	-0.6131393	-
19/2	3/2	1	0.0976016	-	19/2	7/2	5	-0.7079923	-
19/2	5/2	1	0.3291795	-	19/2	9/2	5	-0.6900656	-
19/2	7/2	1	0.4976726	-					
19/2	9/2	1	0.5461187	-	J1 = 6				
19/2	11/2	1	0.4261814	-	1	-1	0	-0.2709734	+
19/2	-11/2	2	-0.1065453	-	1	0	0	-0.3547874	+
19/2	-9/2	2	-0.2256276	-	1	1	0	-0.2709734	+
19/2	-7/2	2	-0.3504545	-	1	-2	1	0.3128931	+
19/2	-5/2	2	-0.4527310	-	1	-1	1	0.3498251	+
19/2	-3/2	2	-0.5040331	-	1	0	1	0.2290143	+
19/2	-1/2	2	-0.4811275	-	1	-3	2	-0.3547874	+
19/2	1/2	2	-0.3710146	-	1	-2	2	-0.3344968	+
19/2	3/2	2	-0.1759538	-	1	-1	2	-0.1869894	+
19/2	5/2	2	0.0814508	-	1	-4	3	0.3966644	+
19/2	7/2	2	0.3529535	-	1	-3	3	0.3072549	+
19/2	9/2	2	0.5585305	-	1	-2	3	0.1448414	+
19/2	11/2	2	0.5751757	-	1	-5	4	-0.4385290	+
19/2	-11/2	3	-0.0547166	-	1	-4	4	-0.2644429	+
19/2	-9/2	3	-0.1313355	-	1	-3	4	-0.1024183	+
19/2	-7/2	3	-0.2315828	-	1	-6	5	0.4803845	+
19/2	-5/2	3	-0.3421259	-	1	-5	5	0.1961161	+
19/2	-3/2	3	-0.4426794	-	1	-4	5	0.0591312	+
19/2	-1/2	3	-0.5078568	-	2	-2	0	-0.3739788	-
19/2	1/2	3	-0.5099627	-	2	-1	0	-0.2956562	-
19/2	3/2	3	-0.4232308	-	2	0	0	0.0000000	-
19/2	5/2	3	-0.2303776	-	2	1	0	0.2956562	-
19/2	7/2	3	0.0665043	-	2	2	0	0.3739788	-
19/2	9/2	3	0.4247954	-	2	-3	1	0.4096732	-
19/2	11/2	3	0.7044435	-	2	-2	1	0.2048366	-
19/2	-11/2	4	-0.0236930	-	2	-1	1	-0.1322215	-
19/2	-9/2	4	-0.0638993	-	2	0	1	-0.3498251	-
19/2	-7/2	4	-0.1268289	-	2	1	1	-0.3238751	-
19/2	-5/2	4	-0.2121172	-	2	-4	2	-0.4240521	-
19/2	-3/2	4	-0.3141517	-	2	-3	2	-0.0774210	-
19/2	-1/2	4	-0.4206977	-	2	-2	2	0.2528558	-
19/2	1/2	4	-0.5114782	-	2	-1	2	0.3672399	-
19/2	3/2	4	-0.5567460	-	2	0	2	0.2644429	-
19/2	5/2	4	-0.5158551	-					

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					3	-6	5	0.4803845	+
					3	-5	5	0.4803845	+
2	-5	3	0.4059990	-	3	-4	5	0.3547874	+
2	-4	3	-0.0865593	-	3	-3	5	0.2048366	+
2	-3	3	-0.3483943	-	3	-2	5	0.0836242	+
2	-2	3	-0.3476767	-	4	-4	0	-0.4693397	-
2	-1	3	-0.1999001	-	4	-3	0	0.0000000	-
2	-6	4	-0.3314968	-	4	-2	0	0.3238751	-
2	-5	4	0.2870846	-	4	-1	0	0.2896827	-
2	-4	4	0.3998001	-	4	0	0	0.0000000	-
2	-3	4	0.2905436	-	4	1	0	-0.2896827	-
2	-2	4	0.1340970	-	4	2	0	-0.3238751	-
2	-6	5	-0.5241424	-	4	3	0	0.0000000	-
2	-5	5	-0.3706247	-	4	4	0	0.4693397	-
2	-4	5	-0.1935524	-	4	-5	1	0.4019185	-
2	-3	5	-0.0706753	-	4	-4	1	-0.2423660	-
3	-3	0	-0.4424977	+	4	-3	1	-0.3547874	-
3	-2	0	-0.1806489	+	4	-2	1	-0.0836242	-
3	-1	0	0.1806489	+	4	-1	1	0.2365250	-
3	0	0	0.3379632	+	4	0	1	0.3427572	-
3	1	0	0.1806489	+	4	1	1	0.1495915	-
3	2	0	-0.1806489	+	4	2	1	-0.2212488	-
3	3	0	-0.4424977	+	4	3	1	-0.4693397	-
3	-4	1	0.4424977	+	4	-6	2	-0.2631174	-
3	-3	1	0.0000000	+	4	-5	2	0.4296689	-
3	-2	1	-0.3128931	+	4	-4	2	0.1958613	-
3	-1	1	-0.2856310	+	4	-3	2	-0.1896419	-
3	0	1	0.0000000	+	4	-2	2	-0.3533767	-
3	1	1	0.3128931	+	4	-1	2	-0.2198901	-
3	2	1	0.4039433	+	4	0	2	0.0916057	-
3	-5	2	-0.3922323	+	4	1	2	0.3702201	-
3	-4	2	0.2048366	+	4	2	2	0.4139187	-
3	-3	2	0.3547874	+	4	-6	3	-0.4557327	-
3	-2	2	0.1365577	+	4	-5	3	0.1406422	-
3	-1	2	-0.1869894	+	4	-4	3	0.3816469	-
3	0	2	-0.3832142	+	4	-3	3	0.2596778	-
3	1	2	-0.3379632	+	4	-2	3	-0.0387105	-
3	-6	3	0.2773501	+	4	-1	3	-0.3116134	-
3	-5	3	-0.3922323	+	4	0	3	-0.4197902	-
3	-4	3	-0.2644429	+	4	1	3	-0.3206200	-
3	-3	3	0.0836242	+	4	-6	4	-0.5167523	-
3	-2	3	0.3379632	+	4	-5	4	-0.2812843	-
3	-1	3	0.3862436	+	4	-4	4	0.0670485	-
3	0	3	0.2554762	+	4	-3	4	0.3284693	-
3	-6	4	0.4803845	+	4	-2	4	0.4258153	-
3	-5	4	0.0000000	+	4	-1	4	0.3664229	-
3	-4	4	-0.3238751	+	4	0	4	0.2098951	-
3	-3	4	-0.4096732	+	4	-6	5	-0.3851644	-
3	-2	4	-0.3238751	+	4	-5	5	-0.4972452	-
3	-1	4	-0.1672484	+	4	-4	5	-0.4741047	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					5	-2	4	-0.3082574	+
					5	-1	4	-0.4377545	+
4	-3	5	-0.3672399	-	5	0	4	-0.4168401	+
4	-2	5	-0.2290143	-	5	1	4	-0.2669587	+
4	-1	5	-0.1024183	-	5	-6	5	0.2732410	+
5	-5	0	-0.4320319	+	5	-5	5	0.4320319	+
5	-4	0	0.2330207	+	5	-4	5	0.5045046	+
5	-3	0	0.3760355	+	5	-3	5	0.4873977	+
5	-2	0	0.1228127	+	5	-2	5	0.3979586	+
5	-1	0	-0.2055049	+	5	-1	5	0.2669587	+
5	0	0	-0.3473667	+	5	0	5	0.1302625	+
5	1	0	-0.2055049	+	6	-6	0	-0.3040345	-
5	2	0	0.1228127	+	6	-5	0	0.4560517	-
5	3	0	0.3760355	+	6	-4	0	0.2487555	-
5	4	0	0.2330207	+	6	-3	0	-0.1520172	-
5	5	0	-0.4320319	+	6	-2	0	-0.3593135	-
5	-6	1	0.2732410	+	6	-1	0	-0.2763950	-
5	-5	1	-0.4489807	+	6	0	0	0.0000000	-
5	-4	1	-0.1955385	+	6	1	0	0.2763950	-
5	-3	1	0.2018018	+	6	2	0	0.3593135	-
5	-2	1	0.3559450	+	6	3	0	0.1520172	-
5	-1	1	0.2055049	+	6	4	0	-0.2487555	-
5	0	1	-0.1042100	+	6	5	0	-0.4560517	-
5	1	1	-0.3403485	+	6	6	0	0.3040345	-
5	2	1	-0.3020793	+	6	-6	1	-0.4807207	-
5	3	1	0.0582552	+	6	-5	1	0.1775179	-
5	4	1	0.5045046	+	6	-4	1	0.4007727	-
5	-6	2	0.4572196	+	6	-3	1	0.2270817	-
5	-5	2	-0.1866591	+	6	-2	1	-0.0957460	-
5	-4	2	-0.3899182	+	6	-1	1	-0.3270350	-
5	-3	2	-0.2018018	+	6	0	1	-0.3270350	-
5	-2	2	0.1228127	+	6	1	1	-0.0957460	-
5	-1	2	0.3403485	+	6	2	1	0.2270817	-
5	0	2	0.3126301	+	6	3	1	0.4007727	-
5	1	2	0.0459523	+	6	4	1	0.1775179	-
5	2	2	-0.3082574	+	6	5	1	-0.4807207	-
5	3	2	-0.4873977	+	6	-6	2	-0.5423261	-
5	-6	3	0.5279517	+	6	-5	2	-0.1714986	-
5	-5	3	0.1866591	+	6	-4	2	0.2193817	-
5	-4	3	-0.1955385	+	6	-3	2	0.3799803	-
5	-3	3	-0.3760355	+	6	-2	2	0.2736171	-
5	-2	3	-0.3020793	+	6	-1	2	0.0000000	-
5	-1	3	-0.0459523	+	6	0	2	-0.2736171	-
5	0	3	0.2518409	+	6	1	2	-0.3799803	-
5	1	3	0.4377545	+	6	2	2	-0.2193817	-
5	2	3	0.3979586	+	6	3	2	0.1714986	-
5	-6	4	0.4572196	+	6	4	2	0.5423261	-
5	-5	4	0.4489807	+	6	-6	3	-0.4850713	-
5	-4	4	0.2330207	+	6	-5	3	-0.4200840	-
5	-3	4	-0.0582552	+	6	-4	3	-0.1416103	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					7	5	1	-0.4411396	+
					7	6	1	0.3573639	+
6	-3	3	0.1675556	-	7	-6	2	0.4955746	+
6	-2	3	0.3619614	-	7	-5	2	0.4313423	+
6	-1	3	0.3619614	-	7	-4	2	0.1508633	+
6	0	3	0.1675556	-	7	-3	2	-0.1605276	+
6	1	3	-0.1416103	-	7	-2	2	-0.3569017	+
6	2	3	-0.4200840	-	7	-1	2	-0.3604930	+
6	3	3	-0.4850713	-	7	0	2	-0.1751831	+
6	-6	4	-0.3429972	-	7	1	2	0.1146843	+
6	-5	4	-0.4696682	-	7	2	2	0.3608456	+
6	-4	4	-0.4326266	-	7	3	2	0.3875749	+
6	-3	4	-0.2559453	-	7	4	2	0.0622091	+
6	-2	4	0.0000000	-	7	5	2	-0.5458824	+
6	-1	4	0.2559453	-	7	-6	3	0.3660061	+
6	0	4	0.4326266	-	7	-5	3	0.4781484	+
6	1	4	0.4696682	-	7	-4	3	0.4057704	+
6	2	4	0.3429972	-	7	-3	3	0.1919035	+
6	-6	5	-0.1714986	-	7	-2	3	-0.0797819	+
6	-5	5	-0.3208445	-	7	-1	3	-0.3089940	+
6	-4	5	-0.4433103	-	7	0	3	-0.4045681	+
6	-3	5	-0.5118907	-	7	1	3	-0.3105665	+
6	-2	5	-0.5118907	-	7	2	3	-0.0327366	+
6	-1	5	-0.4433103	-	7	3	3	0.3338489	+
6	0	5	-0.3208445	-	7	4	3	0.5701556	+
6	1	5	-0.1714986	-	7	-6	4	0.2196037	+
7	-6	0	0.5231272	+	7	-5	4	0.3795812	+
7	-5	0	-0.1184650	+	7	-4	4	0.4679653	+
7	-4	0	-0.4041091	+	7	-3	4	0.4513146	+
7	-3	0	-0.3086560	+	7	-2	4	0.3224347	+
7	-2	0	-0.0176962	+	7	-1	4	0.1029980	+
7	-1	0	0.2589174	+	7	0	4	-0.1581327	+
7	0	0	0.3693184	+	7	1	4	-0.3904065	+
7	1	0	0.2589174	+	7	2	4	-0.5114782	+
7	2	0	-0.0176962	+	7	3	4	-0.4416406	+
7	3	0	-0.3086560	+	7	-6	5	0.0945024	+
7	4	0	-0.4041091	+	7	-5	5	0.2041485	+
7	5	0	-0.1184650	+	7	-4	5	0.3257083	+
7	6	0	0.5231272	+	7	-3	5	0.4369835	+
7	-6	1	0.5619288	+	7	-2	5	0.5149900	+
7	-5	1	0.2162865	+	7	-1	5	0.5401260	+
7	-4	1	-0.1807445	+	7	0	5	0.5000595	+
7	-3	1	-0.3790880	+	7	1	5	0.3934447	+
7	-2	1	-0.3227140	+	7	2	5	0.2327650	+
7	-1	1	-0.0832349	+	8	-6	0	-0.5811362	-
7	0	1	0.1982298	+	8	-5	0	-0.3106304	-
7	1	1	0.3678079	+	8	-4	0	0.0734718	-
7	2	1	0.3152700	+	8	-3	0	0.3376908	-
7	3	1	0.0303082	+	8	-2	0	0.3932865	-
7	4	1	-0.3412320	+	8	-1	0	0.2537898	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					8	-3	4	-0.4604330	-
					8	-2	4	-0.4815323	-
	8	0	0	0.0000000	8	-1	4	-0.4123597	-
	8	1	0	-0.2537898	8	0	4	-0.2464320	-
	8	2	0	-0.3932865	8	1	4	0.0000000	-
	8	3	0	-0.3376908	8	2	4	0.2809757	-
	8	4	0	-0.0734718	8	3	4	0.5129892	-
	8	5	0	0.3106304	8	4	4	0.5619515	-
	8	6	0	0.5811362	8	-6	5	-0.0449921	-
	8	-6	1	-0.4911497	8	-5	5	-0.1102078	-
	8	-5	1	-0.4718814	8	-4	5	-0.1993733	-
	8	-4	1	-0.2337860	8	-3	5	-0.3045478	-
	8	-3	1	0.0700526	8	-2	5	-0.4123597	-
	8	-2	1	0.3077038	8	-1	5	-0.5050354	-
	8	-1	1	0.3931695	8	0	5	-0.5619515	-
	8	0	1	0.3002882	8	1	5	-0.5619515	-
	8	1	1	0.0664578	8	2	5	-0.4866643	-
	8	2	1	-0.2134164	8	3	5	-0.3244428	-
	8	3	1	-0.4040951	9	-6	0	0.4644204	+
	8	4	1	-0.3627381	9	-5	0	0.5192378	+
	8	5	1	0.0000000	9	-4	0	0.3704793	+
	8	6	1	0.5811362	9	-3	0	0.1148808	+
	8	-6	2	-0.3604054	9	-2	0	-0.1504142	+
	8	-5	2	-0.4835346	9	-1	0	-0.3447914	+
	8	-4	2	-0.4314427	9	0	0	-0.4156542	+
	8	-3	2	-0.2381404	9	1	0	-0.3447914	+
	8	-2	2	0.0234964	9	2	0	-0.1504142	+
	8	-1	2	0.2626974	9	3	0	0.1148808	+
	8	0	2	0.3934035	9	4	0	0.3704793	+
	8	1	2	0.3571139	9	5	0	0.5192378	+
	8	2	2	0.1457912	9	6	0	0.4644204	+
	8	3	2	-0.1752192	9	-6	1	0.3283948	+
	8	4	2	-0.4442617	9	-5	1	0.4758893	+
	8	5	2	-0.3804430	9	-4	1	0.4824992	+
	8	6	2	0.4392977	9	-3	1	0.3570028	+
	8	-6	3	-0.2279404	9	-2	1	0.1405168	+
	8	-5	3	-0.3887764	9	-1	1	-0.1053876	+
	8	-4	3	-0.4705797	9	0	1	-0.3119715	+
	8	-3	3	-0.4412483	9	1	1	-0.4168401	+
	8	-2	3	-0.2984440	9	2	1	-0.3775367	+
	8	-1	3	-0.0717826	9	3	1	-0.1852396	+
	8	0	3	0.1799685	9	4	1	0.1212678	+
	8	1	3	0.3764311	9	5	1	0.4405878	+
	8	2	3	0.4291975	9	6	1	0.5874505	+
	8	3	3	0.2649065	9	-6	2	0.2076951	+
	8	4	3	-0.1324532	9	-5	2	0.3665912	+
	8	5	3	-0.6212607	9	-4	2	0.4661801	+
	8	-6	4	-0.1190380	9	-3	2	0.4735672	+
	8	-5	4	-0.2464320	9	-2	2	0.3778867	+
	8	-4	4	-0.3715103	9	-1	2	0.1931421	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					10	-1	0	-0.2121573	-
					10	0	0	0.0000000	-
9	0	2	-0.0425436	+	10	1	0	0.2121573	-
9	1	2	-0.2707456	+	10	2	0	0.3873444	-
9	2	2	-0.4200840	+	10	3	0	0.4937692	-
9	3	2	-0.4184137	+	10	4	0	0.5099627	-
9	4	2	-0.2130215	+	10	5	0	0.4297709	-
9	5	2	0.1922883	+	10	6	0	0.2663193	-
9	6	2	0.6473389	+	10	-6	1	-0.1630866	-
9	-6	3	0.1152085	+	10	-5	1	-0.3076792	-
9	-5	3	0.2394960	+	10	-4	1	-0.4279333	-
9	-4	3	0.3632026	+	10	-3	1	-0.4950337	-
9	-3	3	0.4542442	+	10	-2	1	-0.4899563	-
9	-2	3	0.4824291	+	10	-1	1	-0.4062503	-
9	-1	3	0.4261188	+	10	0	1	-0.2510279	-
9	0	3	0.2785710	+	10	1	1	-0.0447267	-
9	1	3	0.0542326	+	10	2	1	0.1802990	-
9	2	3	-0.2049800	+	10	3	1	0.3824720	-
9	3	3	-0.4234049	+	10	4	1	0.5152474	-
9	4	3	-0.4853599	+	10	5	1	0.5333779	-
9	5	3	-0.2288689	+	10	6	1	0.4009558	-
9	6	3	0.5606119	+	10	-6	2	-0.0909654	-
9	-6	4	0.0533312	+	10	-5	2	-0.1962927	-
9	-5	4	0.1280100	+	10	-4	2	-0.3123252	-
9	-4	4	0.2257190	+	10	-3	2	-0.4166687	-
9	-3	4	0.3334631	+	10	-2	2	-0.4855620	-
9	-2	4	0.4314705	+	10	-1	2	-0.4977683	-
9	-1	4	0.4949976	+	10	0	2	-0.4382302	-
9	0	4	0.4970501	+	10	1	2	-0.3016980	-
9	1	4	0.4125143	+	10	2	2	-0.0963739	-
9	2	4	0.2245444	+	10	3	2	0.1523805	-
9	3	4	-0.0648204	+	10	4	2	0.3981381	-
9	4	4	-0.4140393	+	10	5	2	0.5687222	-
9	5	4	-0.6866066	+	10	6	2	0.5568194	-
9	-6	5	0.0179779	+	10	-6	3	-0.0450162	-
9	-5	5	0.0492346	+	10	-5	3	-0.1095872	-
9	-4	5	0.0995819	+	10	-4	3	-0.1966921	-
9	-3	5	0.1705537	+	10	-3	3	-0.2973448	-
9	-2	5	0.2605251	+	10	-2	3	-0.3969100	-
9	-1	5	0.3638034	+	10	-1	3	-0.4762019	-
9	0	5	0.4696682	+	10	0	3	-0.5131400	-
9	1	5	0.5613609	+	10	1	3	-0.4852308	-
9	2	5	0.6149400	+	10	2	3	-0.3732545	-
9	3	5	0.5976143	+	10	3	3	-0.1669245	-
9	4	5	0.4629100	+	10	4	3	0.1256562	-
10	-6	0	-0.2663193	-	10	5	3	0.4593526	-
10	-5	0	-0.4297709	-	10	6	3	0.7006490	-
10	-4	0	-0.5099627	-	10	-6	4	-0.0187279	-
10	-3	0	-0.4937692	-	10	-5	4	-0.0509814	-
10	-2	0	-0.3873444	-	10	-4	4	-0.1023655	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					3/2	-7/2	5	0.0316070	+
					5/2	-5/2	0	-0.3547874	-
10	-3	4	-0.1737405	-	5/2	-3/2	0	-0.3547874	-
10	-2	4	-0.2623469	-	5/2	-1/2	0	-0.1448414	-
10	-1	4	-0.3608126	-	5/2	1/2	0	0.1448414	-
10	0	4	-0.4561245	-	5/2	3/2	0	0.3547874	-
10	1	4	-0.5285941	-	5/2	5/2	0	0.3547874	-
10	2	4	-0.5508226	-	5/2	-7/2	1	0.4096732	-
10	3	4	-0.4866643	-	5/2	-5/2	1	0.2896827	-
10	4	4	-0.2901905	-	5/2	-3/2	1	0.0000000	-
10	5	4	0.0953463	-	5/2	-1/2	1	-0.2644429	-
10	6	4	0.7385489	-	5/2	1/2	1	-0.3739788	-
10	-6	5	-0.0056987	-	5/2	3/2	1	-0.2896827	-
10	-5	5	-0.0172537	-	5/2	-9/2	2	-0.4447496	-
10	-4	5	-0.0385804	-	5/2	-7/2	2	-0.1731185	-
10	-3	5	-0.0732012	-	5/2	-5/2	2	0.1548419	-
10	-2	5	-0.1244182	-	5/2	-3/2	2	0.3462371	-
10	-1	5	-0.1947452	-	5/2	-1/2	2	0.3533767	-
10	0	5	-0.2850778	-	5/2	1/2	2	0.2212488	-
10	1	5	-0.3934447	-	5/2	-11/2	3	0.4447496	-
10	2	5	-0.5129892	-	5/2	-9/2	3	0.0000000	-
10	3	5	-0.6282809	-	5/2	-7/2	3	-0.2998501	-
10	4	5	-0.7071068	-	5/2	-5/2	3	-0.3792837	-
10	5	5	-0.6741999	-	5/2	-3/2	3	-0.2998501	-
J1 = 13/2					5/2	-1/2	3	-0.1548419	-
					5/2	-13/2	4	-0.3779645	-
					5/2	-11/2	4	0.2344036	-
3/2	-3/2	0	-0.2365250	+	5/2	-9/2	4	0.4059990	-
3/2	-1/2	0	-0.3547874	+	5/2	-7/2	4	0.3533767	-
3/2	1/2	0	-0.3547874	+	5/2	-5/2	4	0.2212488	-
3/2	3/2	0	-0.2365250	+	5/2	-3/2	4	0.0948209	-
3/2	-5/2	1	0.2896827	+	5/2	-13/2	5	-0.5345225	-
3/2	-3/2	1	0.3739788	+	5/2	-11/2	5	-0.4193139	-
3/2	-1/2	1	0.3238751	+	5/2	-9/2	5	-0.2567763	-
3/2	1/2	1	0.1869894	+	5/2	-7/2	5	-0.1264279	-
3/2	-7/2	2	-0.3462371	+	5/2	-5/2	5	-0.0446990	-
3/2	-5/2	2	-0.3792837	+	7/2	-7/2	0	-0.4424977	+
3/2	-3/2	2	-0.2827014	+	7/2	-5/2	0	-0.2644429	+
3/2	-1/2	2	-0.1413507	+	7/2	-3/2	0	0.0682789	+
3/2	-9/2	3	0.4059990	+	7/2	-1/2	0	0.3053524	+
3/2	-7/2	3	0.3672399	+	7/2	1/2	0	0.3053524	+
3/2	-5/2	3	0.2322629	+	7/2	3/2	0	0.0682789	+
3/2	-3/2	3	0.0999500	+	7/2	5/2	0	-0.2644429	+
3/2	-11/2	4	-0.4688072	+	7/2	7/2	0	-0.4424977	+
3/2	-9/2	4	-0.3314968	+	7/2	-9/2	1	0.4640955	+
3/2	-7/2	4	-0.1731185	+	7/2	-7/2	1	0.0916057	+
3/2	-5/2	4	-0.0632140	+	7/2	-5/2	1	-0.2508726	+
3/2	-13/2	5	0.5345225	+	7/2	-3/2	1	-0.3379632	+
3/2	-11/2	5	0.2567763	+	7/2	-1/2	1	-0.1672484	+
3/2	-9/2	5	0.1048285	+	7/2	1/2	1	0.1295501	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					9/2	3/2	1	0.0438138	-
					9/2	5/2	1	-0.2939119	-
7/2	3/2	1	0.3670585	+	9/2	7/2	1	-0.4647155	-
7/2	5/2	1	0.3832142	+	9/2	-13/2	2	-0.2970443	-
7/2	-11/2	2	-0.4296689	+	9/2	-11/2	2	0.4119263	-
7/2	-9/2	2	0.1325987	+	9/2	-9/2	2	0.2690691	-
7/2	-7/2	2	0.3598201	+	9/2	-7/2	2	-0.0919898	-
7/2	-5/2	2	0.2448266	+	9/2	-5/2	2	-0.3265854	-
7/2	-3/2	2	-0.0364966	+	9/2	-3/2	2	-0.3142362	-
7/2	-1/2	2	-0.2937919	+	9/2	-1/2	2	-0.0938867	-
7/2	1/2	2	-0.3957820	+	9/2	1/2	2	0.2007801	-
7/2	3/2	2	-0.3022835	+	9/2	3/2	2	0.4057215	-
7/2	-13/2	3	0.3162278	+	9/2	5/2	2	0.3888089	-
7/2	-11/2	3	-0.3646464	+	9/2	-13/2	3	-0.4850713	-
7/2	-9/2	3	-0.3281651	+	9/2	-11/2	3	0.0672673	-
7/2	-7/2	3	-0.0316070	+	9/2	-9/2	3	0.3595587	-
7/2	-5/2	3	0.2498751	+	9/2	-7/2	3	0.3296302	-
7/2	-3/2	3	0.3866314	+	9/2	-5/2	3	0.0969658	-
7/2	-1/2	3	0.3577783	+	9/2	-3/2	3	-0.1814603	-
7/2	1/2	3	0.2137467	+	9/2	-1/2	3	-0.3747114	-
7/2	-13/2	4	0.5070926	+	9/2	1/2	3	-0.4098406	-
7/2	-11/2	4	0.0811998	+	9/2	3/2	3	-0.2839459	-
7/2	-9/2	4	-0.2567763	+	9/2	-13/2	4	-0.5144958	-
7/2	-7/2	4	-0.4022911	+	9/2	-11/2	4	-0.3425257	-
7/2	-5/2	4	-0.3832142	+	9/2	-9/2	4	-0.0311387	-
7/2	-3/2	4	-0.2685663	+	9/2	-7/2	4	0.2439248	-
7/2	-1/2	4	-0.1295501	+	9/2	-5/2	4	0.3988804	-
7/2	-13/2	5	0.4629100	+	9/2	-3/2	4	0.4159015	-
7/2	-11/2	5	0.4972452	+	9/2	-1/2	4	0.3229212	-
7/2	-9/2	5	0.4059990	+	9/2	1/2	4	0.1738806	-
7/2	-7/2	5	0.2737245	+	9/2	-13/2	5	-0.3550358	-
7/2	-5/2	5	0.1499251	+	9/2	-11/2	5	-0.4823987	-
7/2	-3/2	5	0.0591312	+	9/2	-9/2	5	-0.4923461	-
9/2	-9/2	0	-0.4873977	-	9/2	-7/2	5	-0.4198741	-
9/2	-7/2	0	-0.0848451	-	9/2	-5/2	5	-0.3042277	-
9/2	-5/2	0	0.2683036	-	9/2	-3/2	5	-0.1814064	-
9/2	-3/2	0	0.3403888	-	9/2	-1/2	5	-0.0785513	-
9/2	-1/2	0	0.1481177	-	11/2	-11/2	0	-0.4618616	+
9/2	1/2	0	-0.1481177	-	11/2	-9/2	0	0.1705537	+
9/2	3/2	0	-0.3403888	-	11/2	-7/2	0	0.3850500	+
9/2	5/2	0	-0.2683036	-	11/2	-5/2	0	0.2181730	+
9/2	7/2	0	0.0848451	-	11/2	-3/2	0	-0.0919898	+
9/2	9/2	0	0.4873977	-	11/2	-1/2	0	-0.3142050	+
9/2	-11/2	1	0.4359418	-	11/2	1/2	0	-0.3142050	+
9/2	-9/2	1	-0.1779725	-	11/2	3/2	0	-0.0919898	+
9/2	-7/2	1	-0.3717724	-	11/2	5/2	0	0.2181730	+
9/2	-5/2	1	-0.1924105	-	11/2	7/2	0	0.3850500	+
9/2	-3/2	1	0.1170973	-	11/2	9/2	0	0.1705537	+
9/2	-1/2	1	0.3245096	-	11/2	11/2	0	-0.4618616	+
9/2	1/2	1	0.2980811	-	11/2	-13/2	1	0.3040345	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					11/2	1/2	5	0.1063589 +	
					13/2	-13/2	0	-0.3326877 -	
11/2	-11/2	1	-0.4322189 +		13/2	-11/2	0	0.4350532 -	
11/2	-9/2	1	-0.2645873 +		13/2	-9/2	0	0.3070964 -	
11/2	-7/2	1	0.1133660 +		13/2	-7/2	0	-0.0651417 -	
11/2	-5/2	1	0.3379922 +		13/2	-5/2	0	-0.3233818 -	
11/2	-3/2	1	0.2980811 +		13/2	-3/2	0	-0.3373407 -	
11/2	-1/2	1	0.0573657 +		13/2	-1/2	0	-0.1395893 -	
11/2	1/2	1	-0.2230213 +		13/2	1/2	0	0.1395893 -	
11/2	3/2	1	-0.3622129 +		13/2	3/2	0	0.3373407 -	
11/2	5/2	1	-0.2376404 +		13/2	5/2	0	0.3233818 -	
11/2	7/2	1	0.1355138 +		13/2	7/2	0	0.0651417 -	
11/2	9/2	1	0.5163769 +		13/2	9/2	0	-0.3070964 -	
11/2	-13/2	2	0.4850713 +		13/2	11/2	0	-0.4350532 -	
11/2	-11/2	2	-0.1203314 +		13/2	13/2	0	0.3326877 -	
11/2	-9/2	2	-0.3828921 +		13/2	-13/2	1	-0.5053889 -	
11/2	-7/2	2	-0.2827845 +		13/2	-11/2	1	0.1144481 -	
11/2	-5/2	2	0.0000000 +		13/2	-9/2	1	0.3904065 -	
11/2	-3/2	2	0.2628828 +		13/2	-7/2	1	0.2981900 -	
11/2	-1/2	2	0.3591663 +		13/2	-5/2	1	0.0170961 -	
11/2	1/2	2	0.2358283 +		13/2	-3/2	1	-0.2501380 -	
11/2	3/2	2	-0.0544219 +		13/2	-1/2	1	-0.3567955 -	
11/2	5/2	2	-0.3628127 +		13/2	1/2	1	-0.2501380 -	
11/2	7/2	2	-0.4756515 +		13/2	3/2	1	0.0170961 -	
11/2	-13/2	3	0.5313689 +		13/2	5/2	1	0.2981900 -	
11/2	-11/2	3	0.2552614 +		13/2	7/2	1	0.3904065 -	
11/2	-9/2	3	-0.1105314 +		13/2	9/2	1	0.1144481 -	
11/2	-7/2	3	-0.3414948 +		13/2	11/2	1	-0.5053889 -	
11/2	-5/2	3	-0.3599671 +		13/2	-13/2	2	-0.5458824 -	
11/2	-3/2	3	-0.1904767 +		13/2	-11/2	2	-0.2371991 -	
11/2	-1/2	3	0.0777618 +		13/2	-9/2	2	0.1429039 -	
11/2	1/2	3	0.3270979 +		13/2	-7/2	2	0.3575910 -	
11/2	3/2	3	0.4471216 +		13/2	-5/2	2	0.3394918 -	
11/2	5/2	3	0.3684381 +		13/2	-3/2	2	0.1362535 -	
11/2	-13/2	4	0.4338609 +		13/2	-1/2	2	-0.1362535 -	
11/2	-11/2	4	0.4679792 +		13/2	1/2	2	-0.3394918 -	
11/2	-9/2	4	0.3082574 +		13/2	3/2	2	-0.3575910 -	
11/2	-7/2	4	0.0536607 +		13/2	5/2	2	-0.1429039 -	
11/2	-5/2	4	-0.2007801 +		13/2	7/2	2	0.2371991 -	
11/2	-3/2	4	-0.3809534 +		13/2	9/2	2	0.5458824 -	
11/2	-1/2	4	-0.4444456 +		13/2	-13/2	3	-0.4655301 -	
11/2	1/2	4	-0.3853551 +		13/2	-11/2	3	-0.4491266 -	
11/2	3/2	4	-0.2330207 +		13/2	-9/2	3	-0.2236334 -	
11/2	-13/2	5	0.2425356 +		13/2	-7/2	3	0.0674280 -	
11/2	-11/2	5	0.3979586 +		13/2	-5/2	3	0.2985165 -	
11/2	-9/2	5	0.4873977 +		13/2	-3/2	3	0.3853832 -	
11/2	-7/2	5	0.5019501 +		13/2	-1/2	3	0.2985165 -	
11/2	-5/2	5	0.4489578 +		13/2	1/2	3	0.0674280 -	
11/2	-3/2	5	0.3477612 +		13/2	3/2	3	-0.2236334 -	
11/2	-1/2	5	0.2244789 +		13/2	5/2	3	-0.4491266 -	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					15/2	-13/2	2	0.4764852	+
					15/2	-11/2	2	0.4577922	+
13/2	7/2	3	-0.4655301	-	15/2	-9/2	2	0.2268057	+
13/2	-13/2	4	-0.3122871	-	15/2	-7/2	2	-0.0679610	+
13/2	-11/2	4	-0.4519019	-	15/2	-5/2	2	-0.2985165	+
13/2	-9/2	4	-0.4564898	-	15/2	-3/2	2	-0.3814304	+
13/2	-7/2	4	-0.3337516	-	15/2	-1/2	2	-0.2913223	+
13/2	-5/2	4	-0.1218689	-	15/2	1/2	2	-0.0644735	+
13/2	-3/2	4	0.1218689	-	15/2	3/2	2	0.2070443	+
13/2	-1/2	4	0.3337516	-	15/2	5/2	2	0.3920298	+
13/2	1/2	4	0.4564898	-	15/2	7/2	2	0.3519077	+
13/2	3/2	4	0.4519019	-	15/2	9/2	2	0.0000000	+
13/2	5/2	4	0.3122871	-	15/2	11/2	2	-0.5637849	+
13/2	-13/2	5	-0.1472135	-	15/2	-13/2	3	0.3369259	+
13/2	-11/2	5	-0.2828764	-	15/2	-11/2	3	0.4662117	+
13/2	-9/2	5	-0.4041933	-	15/2	-9/2	3	0.4383027	+
13/2	-7/2	5	-0.4874755	-	15/2	-7/2	3	0.2752737	+
13/2	-5/2	5	-0.5170458	-	15/2	-5/2	3	0.0348197	+
13/2	-3/2	5	-0.4874755	-	15/2	-3/2	3	-0.2059960	+
13/2	-1/2	5	-0.4041933	-	15/2	-1/2	3	-0.3684968	+
13/2	1/2	5	-0.2828764	-	15/2	1/2	3	-0.3904065	+
13/2	3/2	5	-0.1472135	-	15/2	3/2	3	-0.2440041	+
15/2	-13/2	0	0.5432768	+	15/2	5/2	3	0.0454311	+
15/2	-11/2	0	-0.0569509	+	15/2	7/2	3	0.3801037	+
15/2	-9/2	0	-0.3797455	+	15/2	9/2	3	0.5637849	+
15/2	-7/2	0	-0.3569631	+	15/2	-13/2	4	0.1927478	+
15/2	-5/2	0	-0.1191830	+	15/2	-11/2	4	0.3450739	+
15/2	-3/2	0	0.1616628	+	15/2	-9/2	4	0.4472668	+
15/2	-1/2	0	0.3419224	+	15/2	-7/2	4	0.4671550	+
15/2	1/2	0	0.3419224	+	15/2	-5/2	4	0.3908499	+
15/2	3/2	0	0.1616628	+	15/2	-3/2	4	0.2256573	+
15/2	5/2	0	-0.1191830	+	15/2	-1/2	4	0.0000000	+
15/2	7/2	0	-0.3569631	+	15/2	1/2	4	-0.2390742	+
15/2	9/2	0	-0.3797455	+	15/2	3/2	4	-0.4309971	+
15/2	11/2	0	-0.0569509	+	15/2	5/2	4	-0.5099627	+
15/2	13/2	0	0.5432768	+	15/2	7/2	4	-0.4163828	+
15/2	-13/2	1	0.5623449	+	15/2	-13/2	5	0.0786889	+
15/2	-11/2	1	0.2747207	+	15/2	-11/2	5	0.1732257	+
15/2	-9/2	1	-0.1059583	+	15/2	-9/2	5	0.2828764	+
15/2	-7/2	1	-0.3457096	+	15/2	-7/2	5	0.3908499	+
15/2	-5/2	1	-0.3665458	+	15/2	-5/2	5	0.4786914	+
15/2	-3/2	1	-0.1982298	+	15/2	-3/2	5	0.5292133	+
15/2	-1/2	1	0.0624262	+	15/2	-1/2	5	0.5292133	+
15/2	1/2	1	0.2910036	+	15/2	1/2	5	0.4721337	+
15/2	3/2	1	0.3745944	+	15/2	3/2	5	0.3605981	+
15/2	5/2	1	0.2508110	+	15/2	5/2	5	0.2081914	+
15/2	7/2	1	-0.0532461	+	17/2	-13/2	0	-0.5762320	-
15/2	9/2	1	-0.3820381	+	17/2	-11/2	0	-0.3573639	-
15/2	11/2	1	-0.4126483	+	17/2	-9/2	0	0.0000000	-
15/2	13/2	1	0.3841547	+	17/2	-7/2	0	0.2828764	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					17/2	7/2	3	0.2073399	-
					17/2	9/2	3	-0.1871597	-
17/2	-5/2	0	0.3953318	-	17/2	11/2	3	-0.6300734	-
17/2	-3/2	0	0.3263972	-	17/2	-13/2	4	-0.1010778	-
17/2	-1/2	0	0.1248524	-	17/2	-11/2	4	-0.2140491	-
17/2	1/2	0	-0.1248524	-	17/2	-9/2	4	-0.3324703	-
17/2	3/2	0	-0.3263972	-	17/2	-7/2	4	-0.4294983	-
17/2	5/2	0	-0.3953318	-	17/2	-5/2	4	-0.4781678	-
17/2	7/2	0	-0.2828764	-	17/2	-3/2	4	-0.4564376	-
17/2	9/2	0	0.0000000	-	17/2	-1/2	4	-0.3519753	-
17/2	11/2	0	0.3573639	-	17/2	1/2	4	-0.1669245	-
17/2	13/2	0	0.5762320	-	17/2	3/2	4	0.0772710	-
17/2	-13/2	1	-0.4704915	-	17/2	5/2	4	0.3348411	-
17/2	-11/2	1	-0.4882521	-	17/2	7/2	4	0.5298686	-
17/2	-9/2	1	-0.2966833	-	17/2	9/2	4	0.5456596	-
17/2	-7/2	1	-0.0182596	-	17/2	-13/2	5	-0.0364259	-
17/2	-5/2	1	0.2336007	-	17/2	-11/2	5	-0.0903615	-
17/2	-3/2	1	0.3750771	-	17/2	-9/2	5	-0.1660048	-
17/2	-1/2	1	0.3647173	-	17/2	-7/2	5	-0.2584691	-
17/2	1/2	1	0.2089802	-	17/2	-5/2	5	-0.3586113	-
17/2	3/2	1	-0.0387344	-	17/2	-3/2	5	-0.4536114	-
17/2	5/2	1	-0.2858078	-	17/2	-1/2	5	-0.5278615	-
17/2	7/2	1	-0.4163828	-	17/2	1/2	5	-0.5643077	-
17/2	9/2	1	-0.3196360	-	17/2	3/2	5	-0.5463886	-
17/2	11/2	1	0.0583573	-	17/2	5/2	5	-0.4607553	-
17/2	13/2	1	0.5951299	-	17/2	7/2	5	-0.3003757	-
17/2	-13/2	2	-0.3326877	-	19/2	-13/2	0	0.4417468	+
17/2	-11/2	2	-0.4692370	-	19/2	-11/2	0	0.5207037	+
17/2	-9/2	2	-0.4559286	-	19/2	-9/2	0	0.4115100	+
17/2	-7/2	2	-0.3094863	-	19/2	-7/2	0	0.1900519	+
17/2	-5/2	2	-0.0806398	-	19/2	-5/2	0	-0.0630016	+
17/2	-3/2	2	0.1604192	-	19/2	-3/2	0	-0.2760591	+
17/2	-1/2	2	0.3400298	-	19/2	-1/2	0	-0.3964597	+
17/2	1/2	2	0.3972698	-	19/2	1/2	0	-0.3964597	+
17/2	3/2	2	0.3002143	-	19/2	3/2	0	-0.2760591	+
17/2	5/2	2	0.0622091	-	19/2	5/2	0	-0.0630016	+
17/2	7/2	2	-0.2418508	-	19/2	7/2	0	0.1900519	+
17/2	9/2	2	-0.4592410	-	19/2	9/2	0	0.4115100	+
17/2	11/2	2	-0.3431261	-	19/2	11/2	0	0.5207037	+
17/2	13/2	2	0.4637215	-	19/2	13/2	0	0.4417468	+
17/2	-13/2	3	-0.2021556	-	19/2	-13/2	1	0.3024434	+
17/2	-11/2	3	-0.3568137	-	19/2	-11/2	1	0.4552392	+
17/2	-9/2	3	-0.4537464	-	19/2	-9/2	1	0.4892598	+
17/2	-7/2	3	-0.4609365	-	19/2	-7/2	1	0.4037512	+
17/2	-5/2	3	-0.3678079	-	19/2	-5/2	1	0.2254013	+
17/2	-3/2	3	-0.1879907	-	19/2	-3/2	1	0.0000000	+
17/2	-1/2	3	0.0414089	-	19/2	-1/2	1	-0.2171499	+
17/2	1/2	3	0.2635244	-	19/2	1/2	1	-0.3710146	+
17/2	3/2	3	0.4088798	-	19/2	3/2	1	-0.4166687	+
17/2	5/2	3	0.4072540	-	19/2	5/2	1	-0.3291795	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					19/2	-7/2	5	0.1383373	+
					19/2	-5/2	5	0.2143112	+
19/2	7/2	1	-0.1135777	+	19/2	-3/2	5	0.3047610	+
19/2	9/2	1	0.1849228	+	19/2	-1/2	5	0.4031609	+
19/2	11/2	1	0.4697431	+	19/2	1/2	5	0.4987822	+
19/2	13/2	1	0.5759674	+	19/2	3/2	5	0.5759441	+
19/2	-13/2	2	0.1847960	+	19/2	5/2	5	0.6131393	+
19/2	-11/2	2	0.3355308	+	19/2	7/2	5	0.5816751	+
19/2	-9/2	2	0.4437052	+	19/2	9/2	5	0.4413674	+
19/2	-7/2	2	0.4781958	+	J1 = 7				
19/2	-5/2	2	0.4238332	+	2	-2	0	-0.2048366	+
19/2	-3/2	2	0.2843160	+	2	-1	0	-0.3344968	+
19/2	-1/2	2	0.0824884	+	2	0	0	-0.3832142	+
19/2	1/2	2	-0.1414382	+	2	1	0	-0.3344968	+
19/2	3/2	2	-0.3338489	+	2	2	0	-0.2048366	+
19/2	5/2	2	-0.4344043	+	2	-3	1	0.2644429	+
19/2	7/2	2	-0.3866411	+	2	-2	1	0.3739788	+
19/2	9/2	2	-0.1553206	+	2	-1	1	0.3739788	+
19/2	11/2	2	0.2415112	+	2	0	1	0.2856310	+
19/2	13/2	2	0.6530856	+	2	1	1	0.1526762	+
19/2	-13/2	3	0.0987776	+	2	-4	2	-0.3314968	+
19/2	-11/2	3	0.2096471	+	2	-3	2	-0.3998001	+
19/2	-9/2	3	0.3266762	+	2	-2	2	-0.3462371	+
19/2	-7/2	3	0.4240539	+	2	-1	2	-0.2308247	+
19/2	-5/2	3	0.4758303	+	2	0	2	-0.1079584	+
19/2	-3/2	3	0.4607922	+	2	-5	3	0.4059990	+
19/2	-1/2	3	0.3670735	+	2	-4	3	0.4059990	+
19/2	1/2	3	0.1967224	+	2	-3	3	0.2998501	+
19/2	3/2	3	-0.0297416	+	2	-2	3	0.1731185	+
19/2	5/2	3	-0.2687739	+	2	-1	3	0.0706753	+
19/2	7/2	3	-0.4492528	+	2	-6	4	-0.4879500	+
19/2	9/2	3	-0.4679279	+	2	-5	4	-0.3827795	+
19/2	11/2	3	-0.1848685	+	2	-4	4	-0.2344036	+
19/2	13/2	3	0.5810872	+	2	-3	4	-0.1154124	+
19/2	-13/2	4	0.0439313	+	2	-2	4	-0.0408044	+
19/2	-11/2	4	0.1069461	+	2	-7	5	0.5773503	+
19/2	-9/2	4	0.1919518	+	2	-6	5	0.3086067	+
19/2	-7/2	4	0.2901788	+	2	-5	5	0.1482499	+
19/2	-5/2	4	0.3873444	+	2	-4	5	0.0605228	+
19/2	-3/2	4	0.4647255	+	2	-3	5	0.0182483	+
19/2	-1/2	4	0.5007734	+	3	-3	0	-0.3318733	-
19/2	1/2	4	0.4735368	+	3	-2	0	-0.3832142	-
19/2	3/2	4	0.3642590	+	3	-1	0	-0.2473637	-
19/2	5/2	4	0.1629016	+	3	0	0	0.0000000	-
19/2	7/2	4	-0.1226279	+	3	1	0	0.2473637	-
19/2	9/2	4	-0.4482822	+	3	2	0	0.3832142	-
19/2	11/2	4	-0.6837635	+	3	3	0	0.3318733	-
19/2	-13/2	5	0.0141788	+	3	-4	1	0.4019185	-
19/2	-11/2	5	0.0391277	+					
19/2	-9/2	5	0.0798691	+					

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					4	1	1	0.2277987 +	
					4	2	1	0.3959638 +	
3	-3	1	0.3463092 -		4	3	1	0.3599671 +	
3	-2	1	0.1106244 -		4	-6	2	-0.4601790 +	
3	-1	1	-0.1564466 -		4	-5	2	0.0638153 +	
3	0	1	-0.3379632 -		4	-4	2	0.3411074 +	
3	1	1	-0.3713203 -		4	-3	2	0.3127146 +	
3	2	1	-0.2570679 -		4	-2	2	0.0919898 +	
3	-5	2	-0.4557327 -		4	-1	2	-0.1721484 +	
3	-4	2	-0.2480695 -		4	0	2	-0.3554824 +	
3	-3	2	0.0591312 -		4	1	2	-0.3888089 +	
3	-2	2	0.2896827 -		4	2	2	-0.2693747 +	
3	-1	2	0.3755338 -		4	-7	3	0.3514675 +	
3	0	2	0.3231546 -		4	-6	3	-0.3321056 +	
3	1	2	0.1851101 -		4	-5	3	-0.3690297 +	
3	-6	3	0.4743416 -		4	-4	3	-0.1280100 +	
3	-5	3	0.0759555 -		4	-3	3	0.1526922 +	
3	-4	3	-0.2401922 -		4	-2	3	0.3421974 +	
3	-3	3	-0.3763089 -		4	-1	3	0.3939235 +	
3	-2	3	-0.3584641 -		4	0	3	0.3224112 +	
3	-1	3	-0.2512208 -		4	1	3	0.1795831 +	
3	0	3	-0.1211830 -		4	-7	4	0.5272013 +	
3	-7	4	-0.4183300 -		4	-6	4	0.1506289 +	
3	-6	4	0.1825742 -		4	-5	4	-0.1879963 +	
3	-5	4	0.3962970 -		4	-4	4	-0.3736644 +	
3	-4	4	0.3922323 -		4	-3	4	-0.4093773 +	
3	-3	4	0.2901852 -		4	-2	4	-0.3400981 +	
3	-2	4	0.1679438 -		4	-1	4	-0.2212721 +	
3	-1	4	0.0687043 -		4	0	4	-0.1018141 +	
3	-7	5	-0.5400617 -		4	-7	5	0.4455664 +	
3	-6	5	-0.4564355 -		4	-6	5	0.5052248 +	
3	-5	5	-0.3100868 -		4	-5	5	0.4431115 +	
3	-4	5	-0.1790287 -		4	-4	5	0.3302758 +	
3	-3	5	-0.0853486 -		4	-3	5	0.2112451 +	
3	-2	5	-0.0295656 -		4	-2	5	0.1117804 +	
4	-4	0	-0.4359418 +		4	-1	5	0.0430243 +	
4	-3	0	-0.3253009 +		5	-5	0	-0.4988675 -	
4	-2	0	-0.0351292 +		5	-4	0	-0.1577558 -	
4	-1	0	0.2332413 +		5	-3	0	0.2018018 -	
4	0	0	0.3393802 +		5	-2	0	0.3495310 -	
4	1	0	0.2332413 +		5	-1	0	0.2516911 -	
4	2	0	-0.0351292 +		5	0	0	0.0000000 -	
4	3	0	-0.3253009 +		5	1	0	-0.2516911 -	
4	4	0	-0.4359418 +		5	2	0	-0.3495310 -	
4	-5	1	0.4775503 +		5	3	0	-0.2018018 -	
4	-4	1	0.1688395 +		5	4	0	0.1577558 -	
4	-3	1	-0.1768712 +		5	5	0	0.4988675 -	
4	-2	1	-0.3401369 +		5	-6	1	0.4644204 -	
4	-1	1	-0.2732410 +		5	-5	1	-0.1152085 -	
4	0	1	-0.0415654 +		5	-4	1	-0.3665912 -	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					6	-4	0	0.3762051	+
					6	-3	0	0.2873431	+
5	-3	1	-0.2707456	-	6	-2	0	0.0164742	+
5	-2	1	0.0000000	-	6	-1	0	-0.2410390	+
5	-1	1	0.2516911	-	6	0	0	-0.3438168	+
5	0	1	0.3438755	-	6	1	0	-0.2410390	+
5	1	1	0.2257884	-	6	2	0	0.0164742	+
5	2	1	-0.0521050	-	6	3	0	0.2873431	+
5	3	1	-0.3473667	-	6	4	0	0.3762051	+
5	4	1	-0.4554016	-	6	5	0	0.1102849	+
5	-7	2	-0.3283948	-	6	6	0	-0.4870049	+
5	-6	2	0.3885620	-	6	-7	1	0.3326877	+
5	-5	2	0.3233031	-	6	-6	1	-0.4106786	+
5	-4	2	0.0000000	-	6	-5	1	-0.3176697	+
5	-3	2	-0.2707456	-	6	-4	1	0.0282154	+
5	-2	2	-0.3495310	-	6	-3	1	0.2935004	+
5	-1	2	-0.2257884	-	6	-2	1	0.3424105	+
5	0	2	0.0245625	-	6	-1	1	0.1845419	+
5	1	2	0.2813992	-	6	0	1	-0.0774875	+
5	2	2	0.4224114	-	6	1	1	-0.3004304	+
5	3	2	0.3632848	-	6	2	1	-0.3529117	+
5	-7	3	-0.5087470	-	6	3	1	-0.1682640	+
5	-6	3	0.0000000	-	6	4	1	0.2013518	+
5	-5	3	0.3233031	-	6	5	1	0.5231272	+
5	-4	3	0.3665912	-	6	-7	2	0.5081889	+
5	-3	3	0.2018018	-	6	-6	2	-0.0579135	+
5	-2	3	-0.0521050	-	6	-5	2	-0.3608126	+
5	-1	3	-0.2813992	-	6	-4	2	-0.3359290	+
5	0	3	-0.4052819	-	6	-3	2	-0.1067652	+
5	1	3	-0.3899182	-	6	-2	2	0.1630866	+
5	2	3	-0.2516911	-	6	-1	2	0.3356007	+
5	-7	4	-0.5087470	-	6	0	2	0.3322574	+
5	-6	4	-0.3885620	-	6	1	2	0.1494431	+
5	-5	4	-0.1152085	-	6	2	2	-0.1404461	+
5	-4	4	0.1577558	-	6	3	2	-0.4015579	+
5	-3	4	0.3473667	-	6	4	2	-0.4613548	+
5	-2	4	0.4224114	-	6	-7	3	0.5307860	+
5	-1	4	0.3899182	-	6	-6	3	0.3107964	+
5	0	4	0.2824692	-	6	-5	3	-0.0304761	+
5	1	4	0.1453139	-	6	-4	3	-0.2891217	+
5	-7	5	-0.3283948	-	6	-3	3	-0.3766324	+
5	-6	5	-0.4644204	-	6	-2	3	-0.2876577	+
5	-5	5	-0.4988675	-	6	-1	3	-0.0742729	+
5	-4	5	-0.4554016	-	6	0	3	0.1786524	+
5	-3	5	-0.3632848	-	6	1	3	0.3777517	+
5	-2	5	-0.2516911	-	6	2	3	0.4451319	+
5	-1	5	-0.1453139	-	6	3	3	0.3407331	+
5	0	5	-0.0614063	-	6	-7	4	0.4111450	+
6	-6	0	-0.4870049	+	6	-6	4	0.4761603	+
6	-5	0	0.1102849	+	6	-5	4	0.3634487	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					7	-4	2	0.3172053	-
					7	-3	2	0.3694283	-
6	-4	4	0.1472135	+	7	-2	2	0.2383940	-
6	-3	4	-0.0958859	+	7	-1	2	0.0000000	-
6	-2	4	-0.3001704	+	7	0	2	-0.2383940	-
6	-1	4	-0.4201510	+	7	1	2	-0.3694283	-
6	0	4	-0.4356520	+	7	2	2	-0.3172053	-
6	1	4	-0.3533709	+	7	3	2	-0.0690148	-
6	2	4	-0.2044399	+	7	4	2	0.2917864	-
6	-7	5	0.2166925	+	7	5	2	0.5458824	-
6	-6	5	0.3662771	+	7	-7	3	-0.4457111	-
6	-5	5	0.4655301	+	7	-6	3	-0.4669135	-
6	-4	5	0.5028300	+	7	-5	3	-0.2888813	-
6	-3	5	0.4794296	+	7	-4	3	-0.0244004	-
6	-2	5	0.4068095	+	7	-3	3	0.2202190	-
6	-1	5	0.3032179	+	7	-2	3	0.3641529	-
6	0	5	0.1900519	+	7	-1	3	0.3641529	-
6	1	5	0.0879769	+	7	0	3	0.2202190	-
7	-7	0	-0.3593438	-	7	1	3	-0.0244004	-
7	-6	0	0.4106786	-	7	2	3	-0.2888813	-
7	-5	0	0.3514461	-	7	3	3	-0.4669135	-
7	-4	0	0.0157953	-	7	4	3	-0.4457111	-
7	-3	0	-0.2695976	-	7	-7	4	-0.2850778	-
7	-2	0	-0.3589848	-	7	-6	4	-0.4309971	-
7	-1	0	-0.2423148	-	7	-5	4	-0.4658497	-
7	0	0	0.0000000	-	7	-4	4	-0.3873444	-
7	1	0	0.2423148	-	7	-3	4	-0.2184917	-
7	2	0	0.3589848	-	7	-2	4	0.0000000	-
7	3	0	0.2695976	-	7	-1	4	0.2184917	-
7	4	0	-0.0157953	-	7	0	4	0.3873444	-
7	5	0	-0.3514461	-	7	1	4	0.4658497	-
7	6	0	-0.4106786	-	7	2	4	0.4309971	-
7	7	0	0.3593438	-	7	3	4	0.2850778	-
7	-7	1	-0.5260255	-	7	-7	5	-0.1274907	-
7	-6	1	0.0551425	-	7	-6	5	-0.2503867	-
7	-5	1	0.3676870	-	7	-5	5	-0.3674672	-
7	-4	1	0.3456280	-	7	-4	5	-0.4583121	-
7	-3	1	0.1153984	-	7	-3	5	-0.5077289	-
7	-2	1	-0.1565293	-	7	-2	5	-0.5077289	-
7	-1	1	-0.3310650	-	7	-1	5	-0.4583121	-
7	0	1	-0.3310650	-	7	0	5	-0.3674672	-
7	1	1	-0.1565293	-	7	1	5	-0.2503867	-
7	2	1	0.1153984	-	7	2	5	-0.1274907	-
7	3	1	0.3456280	-	8	-7	0	0.5599969	+
7	4	1	0.3676870	-	8	-6	0	0.0000000	+
7	5	1	0.0551425	-	8	-5	0	-0.3472953	+
7	6	1	-0.5260255	-	8	-4	0	-0.3852896	+
7	-7	2	-0.5458824	-	8	-3	0	-0.2024646	+
7	-6	2	-0.2917864	-	8	-2	0	0.0626570	+
7	-5	2	0.0690148	-	8	-1	0	0.2808939	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					8	4	3	0.4167544	+
					8	5	3	0.5556725	+
8	0	0	0.3640042	+	8	-7	4	0.1701393	+
8	1	0	0.2808939	+	8	-6	4	0.3134416	+
8	2	0	0.0626570	+	8	-5	4	0.4224631	+
8	3	0	-0.2024646	+	8	-4	4	0.4675719	+
8	4	0	-0.3852896	+	8	-3	4	0.4319755	+
8	5	0	-0.3472953	+	8	-2	4	0.3145356	+
8	6	0	0.0000000	+	8	-1	4	0.1303996	+
8	7	0	0.5599969	+	8	0	4	-0.0899843	+
8	-7	1	0.5599969	+	8	1	4	-0.3034885	+
8	-6	1	0.3233143	+	8	2	4	-0.4588315	+
8	-5	1	-0.0351720	+	8	3	4	-0.5034965	+
8	-4	1	-0.2996849	+	8	4	4	-0.3929198	+
8	-3	1	-0.3811933	+	8	-7	5	0.0662266	+
8	-2	1	-0.2811485	+	8	-6	5	0.1480872	+
8	-1	1	-0.0621656	+	8	-5	5	0.2464320	+
8	0	1	0.1801389	+	8	-4	5	0.3485075	+
8	1	1	0.3450093	+	8	-3	5	0.4395769	+
8	2	1	0.3543160	+	8	-2	5	0.5050354	+
8	3	1	0.1802807	+	8	-1	5	0.5323540	+
8	4	1	-0.1268143	+	8	0	5	0.5129892	+
8	5	1	-0.4109254	+	8	1	5	0.4442617	+
8	6	1	-0.3825507	+	8	2	5	0.3311331	+
8	7	1	0.4089639	+	8	3	5	0.1873172	+
8	-7	2	0.4572355	+	9	-7	0	-0.5695794	-
8	-6	2	0.4744957	+	9	-6	0	-0.3954960	-
8	-5	2	0.2883243	+	9	-5	0	-0.0667557	-
8	-4	2	0.0177451	+	9	-4	0	0.2234074	-
8	-3	2	-0.2270190	+	9	-3	0	0.3775367	-
8	-2	2	-0.3645094	+	9	-2	0	0.3689494	-
8	-1	2	-0.3544415	+	9	-1	0	0.2231003	-
8	0	2	-0.2030923	+	9	0	0	0.0000000	-
8	1	2	0.0376431	+	9	1	0	-0.2231003	-
8	2	2	0.2777553	+	9	2	0	-0.3689494	-
8	3	2	0.4046513	+	9	3	0	-0.3775367	-
8	4	2	0.3106304	+	9	4	0	-0.2234074	-
8	5	2	-0.0567131	+	9	5	0	0.0667557	-
8	6	2	-0.5783623	+	9	6	0	0.3954960	-
8	-7	3	0.3106304	+	9	7	0	0.5695794	-
8	-6	3	0.4501462	+	9	-7	1	-0.4502920	-
8	-5	3	0.4563985	+	9	-6	1	-0.4971696	-
8	-4	3	0.3376908	+	9	-5	1	-0.3467016	-
8	-3	3	0.1329156	+	9	-4	1	-0.0969860	-
8	-2	3	-0.0996867	+	9	-3	1	0.1554280	-
8	-1	3	-0.2950955	+	9	-2	1	0.3325783	-
8	0	3	-0.3942912	+	9	-1	1	0.3864211	-
8	1	3	-0.3571139	+	9	0	1	0.3048131	-
8	2	3	-0.1752192	+	9	1	1	0.1128942	-
8	3	3	0.1147079	+	9	2	1	-0.1299727	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 7					9	-6	5	-0.0748481	-	
					9	-5	5	-0.1392565	-	
	9	3	1	-0.3381998	-	9	-4	5	-0.2201839	-
	9	4	1	-0.4143877	-	9	-3	5	-0.3113870	-
	9	5	1	-0.2737799	-	9	-2	5	-0.4036037	-
	9	6	1	0.1111705	-	9	-1	5	-0.4850713	-
	9	7	1	0.6063636	-	9	0	5	-0.5423261	-
	9	-7	2	-0.3076080	-	9	1	5	-0.5613609	-
	9	-6	2	-0.4520042	-	9	2	5	-0.5292561	-
	9	-5	2	-0.4686892	-	9	3	5	-0.4364358	-
	9	-4	2	-0.3628240	-	9	4	5	-0.2791453	-
	9	-3	2	-0.1688821	-	10	-7	0	0.4203413	+
	9	-2	2	0.0596261	-	10	-6	0	0.5176869	+
	9	-1	2	0.2617215	-	10	-5	0	0.4420930	+
	9	0	2	0.3807193	-	10	-4	0	0.2531551	+
	9	1	2	0.3760355	-	10	-3	0	0.0177224	+
	9	2	2	0.2350080	-	10	-2	0	-0.2015280	+
	9	3	2	-0.0152783	-	10	-1	0	-0.3545167	+
	9	4	2	-0.2961643	-	10	0	0	-0.4091835	+
	9	5	2	-0.4655886	-	10	1	0	-0.3545167	+
	9	6	2	-0.3062598	-	10	2	0	-0.2015280	+
	9	7	2	0.4861724	-	10	3	0	0.0177224	+
	9	-7	3	-0.1801168	-	10	4	0	0.2531551	+
	9	-6	3	-0.3270350	-	10	5	0	0.4420930	+
	9	-5	3	-0.4324704	-	10	6	0	0.5176869	+
	9	-4	3	-0.4660876	-	10	7	0	0.4203413	+
	9	-3	3	-0.4131015	-	10	-7	1	0.2791954	+
	9	-2	3	-0.2771169	-	10	-6	1	0.4338130	+
	9	-1	3	-0.0803998	-	10	-5	1	0.4884100	+
	9	0	3	0.1378569	-	10	-4	1	0.4360876	+
	9	1	3	0.3253957	-	10	-3	1	0.2931689	+
	9	2	3	0.4234049	-	10	-2	1	0.0932616	+
	9	3	3	0.3768512	-	10	-1	1	-0.1197967	+
	9	4	3	0.1513878	-	10	0	1	-0.2991648	+
	9	5	3	-0.2353960	-	10	1	1	-0.4022700	+
	9	6	3	-0.6365491	-	10	2	1	-0.3981043	+
	9	-7	4	-0.0865253	-	10	3	1	-0.2745547	+
	9	-6	4	-0.1867116	-	10	4	1	-0.0458111	+
	9	-5	4	-0.2970805	-	10	5	1	0.2399945	+
	9	-4	4	-0.3963309	-	10	6	1	0.4922533	+
	9	-3	4	-0.4618616	-	10	7	1	0.5639470	+
	9	-2	4	-0.4734721	-	10	-7	2	0.1651742	+
	9	-1	4	-0.4168401	-	10	-6	2	0.3071149	+
	9	0	4	-0.2869720	-	10	-5	2	0.4192545	+
	9	1	4	-0.0916698	-	10	-4	2	0.4729425	+
	9	2	4	0.1449428	-	10	-3	2	0.4511462	+
	9	3	4	0.3787049	-	10	-2	2	0.3512155	+
	9	4	4	0.5409627	-	10	-1	2	0.1856384	+
	9	5	4	0.5296409	-	10	0	2	-0.0186523	+
	9	-7	5	-0.0298541	-	10	1	2	-0.2224147	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					J1 = 15/2				
10	2	2	-0.3778958 +		5/2	-5/2	0	-0.1773937 +	
10	3	2	-0.4348062 +		5/2	-3/2	0	-0.3072549 +	
10	4	2	-0.3495631 +		5/2	-1/2	0	-0.3832142 +	
10	5	2	-0.1003427 +		5/2	1/2	0	-0.3832142 +	
10	6	2	0.2848362 +		5/2	3/2	0	-0.3072549 +	
10	7	2	0.6569784 +		5/2	5/2	0	-0.1773937 +	
10	-7	3	0.0852956 +		5/2	-7/2	1	0.2401922 +	
10	-6	3	0.1842212 +		5/2	-5/2	1	0.3621034 +	
10	-5	3	0.2935139 +		5/2	-3/2	1	0.3966644 +	
10	-4	3	0.3924075 +		5/2	-1/2	1	0.3498251 +	
10	-3	3	0.4589104 +		5/2	1/2	1	0.2473637 +	
10	-2	3	0.4734499 +		5/2	3/2	1	0.1254363 +	
10	-1	3	0.4222904 +		5/2	-9/2	2	-0.3144855 +	
10	0	3	0.3009162 +		5/2	-7/2	2	-0.4059990 +	
10	1	3	0.1174045 +		5/2	-5/2	2	-0.3871048 +	
10	2	3	-0.1042034 +		5/2	-3/2	2	-0.2998501 +	
10	3	3	-0.3205332 +		5/2	-1/2	2	-0.1869894 +	
10	4	3	-0.4655082 +		5/2	1/2	2	-0.0836242 +	
10	5	3	-0.4469810 +		5/2	-11/2	3	0.4008919 +	
10	6	3	-0.1433644 +		5/2	-9/2	3	0.4306269 +	
10	7	3	0.5997364 +		5/2	-7/2	3	0.3516054 +	
10	-7	4	0.0365553 +		5/2	-5/2	3	0.2370523 +	
10	-6	4	0.0900527 +		5/2	-3/2	3	0.1298389 +	
10	-5	4	0.1640112 +		5/2	-1/2	3	0.0512092 +	
10	-4	4	0.2525638 +		5/2	-13/2	4	-0.5000000 +	
10	-3	4	0.3453738 +		5/2	-11/2	4	-0.4225771 +	
10	-2	4	0.4282822 +		5/2	-9/2	4	-0.2870846 +	
10	-1	4	0.4842936 +		5/2	-7/2	4	-0.1657484 +	
10	0	4	0.4950556 +		5/2	-5/2	4	-0.0790174 +	
10	1	4	0.4430101 +		5/2	-3/2	4	-0.0273724 +	
10	2	4	0.3145419 +		5/2	-15/2	5	0.6123724 +	
10	3	4	0.1048045 +		5/2	-13/2	5	0.3535534 +	
10	4	4	-0.1741573 +		5/2	-11/2	5	0.1889822 +	
10	5	4	-0.4771457 +		5/2	-9/2	5	0.0907841 +	
10	6	4	-0.6800372 +		5/2	-7/2	5	0.0370625 +	
10	-7	5	0.0113353 +		5/2	-5/2	5	0.0111748 +	
10	-6	5	0.0314834 +		7/2	-7/2	0	-0.3082574 -	
10	-5	5	0.0647576 +		7/2	-5/2	0	-0.3927563 -	
10	-4	5	0.1131972 +		7/2	-3/2	0	-0.3161627 -	
10	-3	5	0.1773460 +		7/2	-1/2	0	-0.1199890 -	
10	-2	5	0.2557720 +		7/2	1/2	0	0.1199890 -	
10	-1	5	0.3445634 +		7/2	3/2	0	0.3161627 -	
10	0	5	0.4368138 +		7/2	5/2	0	0.3927563 -	
10	1	5	0.5220924 +		7/2	7/2	0	0.3082574 -	
10	2	5	0.5858749 +		7/2	-9/2	1	0.3899182 -	
10	3	5	0.6088591 +		7/2	-7/2	1	0.3828921 -	
10	4	5	0.5658252 +		7/2	-5/2	1	0.1987207 -	
10	5	5	0.4217412 +		7/2	-3/2	1	-0.0496802 -	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					9/2	-5/2	1	-0.3117406	+
					9/2	-3/2	1	-0.3286035	+
7/2	-1/2	1	-0.2628828	-	9/2	-1/2	1	-0.1738806	+
7/2	1/2	1	-0.3733183	-	9/2	1/2	1	0.0709865	+
7/2	3/2	1	-0.3554824	-	9/2	3/2	1	0.2985981	+
7/2	5/2	1	-0.2276632	-	9/2	5/2	1	0.4081643	+
7/2	-11/2	2	-0.4601790	-	9/2	7/2	1	0.3363364	+
7/2	-9/2	2	-0.3063643	-	9/2	-13/2	2	-0.4850713	+
7/2	-7/2	2	-0.0278513	-	9/2	-11/2	2	0.0000000	+
7/2	-5/2	2	0.2181730	-	9/2	-9/2	2	0.3082574	+
7/2	-3/2	2	0.3567695	-	9/2	-7/2	2	0.3495310	+
7/2	-1/2	2	0.3719936	-	9/2	-5/2	2	0.1924105	+
7/2	1/2	2	0.2888295	-	9/2	-3/2	2	-0.0496802	+
7/2	3/2	2	0.1555236	-	9/2	-1/2	2	-0.2683036	+
7/2	-13/2	3	0.4970501	-	9/2	1/2	2	-0.3864211	+
7/2	-11/2	3	0.1420143	-	9/2	3/2	2	-0.3717724	+
7/2	-9/2	3	-0.1772446	-	9/2	5/2	2	-0.2399781	+
7/2	-7/2	3	-0.3522942	-	9/2	-15/2	3	0.3834825	+
7/2	-5/2	3	-0.3859646	-	9/2	-13/2	3	-0.2970443	+
7/2	-3/2	3	-0.3206475	-	9/2	-11/2	3	-0.3929526	+
7/2	-1/2	3	-0.2086173	-	9/2	-9/2	3	-0.2059631	+
7/2	1/2	3	-0.0959912	-	9/2	-7/2	3	0.0582552	+
7/2	-15/2	4	-0.4537426	-	9/2	-5/2	3	0.2749294	+
7/2	-13/2	4	0.1328422	-	9/2	-3/2	3	0.3850214	+
7/2	-11/2	4	0.3768512	-	9/2	-1/2	3	0.3800480	+
7/2	-9/2	4	0.4134925	-	9/2	1/2	3	0.2868286	+
7/2	-7/2	4	0.3425257	-	9/2	3/2	3	0.1517755	+
7/2	-5/2	4	0.2330837	-	9/2	-15/2	4	0.5423261	+
7/2	-3/2	4	0.1284797	-	9/2	-13/2	4	0.2100420	+
7/2	-1/2	4	0.0509070	-	9/2	-11/2	4	-0.1212678	+
7/2	-15/2	5	-0.5423261	-	9/2	-9/2	4	-0.3329560	+
7/2	-13/2	5	-0.4850713	-	9/2	-7/2	4	-0.4119263	+
7/2	-11/2	5	-0.3550358	-	9/2	-5/2	4	-0.3854885	+
7/2	-9/2	5	-0.2274049	-	9/2	-3/2	4	-0.2951340	+
7/2	-7/2	5	-0.1271232	-	9/2	-1/2	4	-0.1825366	+
7/2	-5/2	5	-0.0593792	-	9/2	1/2	4	-0.0811274	+
7/2	-3/2	5	-0.0202818	-	9/2	-15/2	5	0.4287465	+
9/2	-9/2	0	-0.4254356	+	9/2	-13/2	5	0.5072997	+
9/2	-7/2	0	-0.3684381	+	9/2	-11/2	5	0.4696682	+
9/2	-5/2	0	-0.1242004	+	9/2	-9/2	5	0.3760355	+
9/2	-3/2	0	0.1469559	+	9/2	-7/2	5	0.2658973	+
9/2	-1/2	0	0.3174611	+	9/2	-5/2	5	0.1643017	+
9/2	1/2	0	0.3174611	+	9/2	-3/2	5	0.0848451	+
9/2	3/2	0	0.1469559	+	9/2	-1/2	5	0.0320684	+
9/2	5/2	0	-0.1242004	+	11/2	-11/2	0	-0.5053889	-
9/2	7/2	0	-0.3684381	+	11/2	-9/2	0	-0.2196037	-
9/2	9/2	0	-0.4254356	+	11/2	-7/2	0	0.1323033	-
9/2	-11/2	1	0.4850713	+	11/2	-5/2	0	0.3310650	-
9/2	-9/2	1	0.2330207	+	11/2	-3/2	0	0.3143084	-
9/2	-7/2	1	-0.1009009	+	11/2	-1/2	0	0.1261463	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					11/2	-1/2	4	0.3579103	-
					11/2	1/2	4	0.2466077	-
11/2	1/2	0	-0.1261463	-	11/2	3/2	4	0.1224891	-
11/2	3/2	0	-0.3143084	-	11/2	-15/2	5	-0.3047610	-
11/2	5/2	0	-0.3310650	-	11/2	-13/2	5	-0.4451319	-
11/2	7/2	0	-0.1323033	-	11/2	-11/2	5	-0.4976726	-
11/2	9/2	0	0.2196037	-	11/2	-9/2	5	-0.4781484	-
11/2	11/2	0	0.5053889	-	11/2	-7/2	5	-0.4082969	-
11/2	-13/2	1	0.4882521	-	11/2	-5/2	5	-0.3114367	-
11/2	-11/2	1	-0.0556415	-	11/2	-3/2	5	-0.2089181	-
11/2	-9/2	1	-0.3466576	-	11/2	-1/2	5	-0.1177120	-
11/2	-7/2	1	-0.3227501	-	11/2	1/2	5	-0.0488008	-
11/2	-5/2	1	-0.1025767	-	13/2	-13/2	0	-0.5081889	+
11/2	-3/2	1	0.1566885	-	13/2	-11/2	0	0.0532727	+
11/2	-1/2	1	0.3224347	-	13/2	-9/2	0	0.3552194	+
11/2	1/2	1	0.3192226	-	13/2	-7/2	0	0.3339084	+
11/2	3/2	1	0.1435803	-	13/2	-5/2	0	0.1114854	+
11/2	5/2	1	-0.1349363	-	13/2	-3/2	0	-0.1512217	+
11/2	7/2	1	-0.3858043	-	13/2	-1/2	0	-0.3198392	+
11/2	9/2	1	-0.4432554	-	13/2	1/2	0	-0.3198392	+
11/2	-15/2	2	-0.3573639	-	13/2	3/2	0	-0.1512217	+
11/2	-13/2	2	0.3616697	-	13/2	5/2	0	0.1114854	+
11/2	-11/2	2	0.3620974	-	13/2	7/2	0	0.3339084	+
11/2	-9/2	2	0.0821682	-	13/2	9/2	0	0.3552194	+
11/2	-7/2	2	-0.2012701	-	13/2	11/2	0	0.0532727	+
11/2	-5/2	2	-0.3440528	-	13/2	13/2	0	-0.5081889	+
11/2	-3/2	2	-0.3059840	-	13/2	-15/2	1	0.3593438	+
11/2	-1/2	2	-0.1221262	-	13/2	-13/2	1	-0.3859972	+
11/2	1/2	2	0.1258929	-	13/2	-11/2	1	-0.3573639	+
11/2	3/2	2	0.3385195	-	13/2	-9/2	1	-0.0498071	+
11/2	5/2	2	0.4266743	-	13/2	-7/2	1	0.2346122	+
11/2	7/2	2	0.3385419	-	13/2	-5/2	1	0.3504010	+
11/2	-15/2	3	-0.5278615	-	13/2	-3/2	1	0.2722090	+
11/2	-13/2	3	-0.0609522	-	13/2	-1/2	1	0.0583944	+
11/2	-11/2	3	0.2793181	-	13/2	1/2	1	-0.1854270	+
11/2	-9/2	3	0.3795185	-	13/2	3/2	1	-0.3428722	+
11/2	-7/2	3	0.2777791	-	13/2	5/2	1	-0.3233818	+
11/2	-5/2	3	0.0624262	-	13/2	7/2	1	-0.0991149	+
11/2	-3/2	3	-0.1716437	-	13/2	9/2	1	0.2569777	+
11/2	-1/2	3	-0.3466014	-	13/2	11/2	1	0.5260255	+
11/2	1/2	3	-0.4149348	-	13/2	-15/2	2	0.5273725	+
11/2	3/2	3	-0.3656066	-	13/2	-13/2	2	0.0000000	+
11/2	5/2	3	-0.2236334	-	13/2	-11/2	2	-0.3291795	+
11/2	-15/2	4	-0.5007734	-	13/2	-9/2	2	-0.3667103	+
11/2	-13/2	4	-0.4230217	-	13/2	-7/2	2	-0.1936722	+
11/2	-11/2	4	-0.1862120	-	13/2	-5/2	2	0.0603094	+
11/2	-9/2	4	0.0756019	-	13/2	-3/2	2	0.2725071	+
11/2	-7/2	4	0.2837170	-	13/2	-1/2	2	0.3567955	+
11/2	-5/2	4	0.4004263	-	13/2	1/2	2	0.2792367	+
11/2	-3/2	4	0.4195735	-	13/2	3/2	2	0.0635717	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					15/2	9/2	0	-0.0886511	-
					15/2	11/2	0	-0.3841547	-
13/2	5/2	2	-0.2121573	+	15/2	13/2	0	-0.3841547	-
13/2	7/2	2	-0.4282254	+	15/2	15/2	0	0.3841547	-
13/2	9/2	2	-0.4457111	+	15/2	-15/2	1	-0.5432768	-
13/2	-15/2	3	0.5273725	+	15/2	-13/2	1	0.0000000	-
13/2	-13/2	3	0.3555545	+	15/2	-11/2	1	0.3369259	-
13/2	-11/2	3	0.0424969	+	15/2	-9/2	1	0.3737858	-
13/2	-9/2	3	-0.2282449	+	15/2	-7/2	1	0.1964195	-
13/2	-7/2	3	-0.3651918	+	15/2	-5/2	1	-0.0607862	-
13/2	-5/2	3	-0.3446972	+	15/2	-3/2	1	-0.2725071	-
13/2	-3/2	3	-0.1926916	+	15/2	-1/2	1	-0.3531360	-
13/2	-1/2	3	0.0325708	+	15/2	1/2	1	-0.2725071	-
13/2	1/2	3	0.2574950	+	15/2	3/2	1	-0.0607862	-
13/2	3/2	3	0.4099946	+	15/2	5/2	1	0.1964195	-
13/2	5/2	3	0.4361011	+	15/2	7/2	1	0.3737858	-
13/2	7/2	3	0.3151654	+	15/2	9/2	1	0.3369259	-
13/2	-15/2	4	0.3894904	+	15/2	11/2	1	0.0000000	-
13/2	-13/2	4	0.4770264	+	15/2	13/2	1	-0.5432768	-
13/2	-11/2	4	0.4031609	+	15/2	-15/2	2	-0.5432768	-
13/2	-9/2	4	0.2236334	+	15/2	-13/2	2	-0.3369259	-
13/2	-7/2	4	0.0000000	+	15/2	-11/2	2	0.0000000	-
13/2	-5/2	4	-0.2110831	+	15/2	-9/2	2	0.2666984	-
13/2	-3/2	4	-0.3656066	+	15/2	-7/2	2	0.3727224	-
13/2	-1/2	4	-0.4369835	+	15/2	-5/2	2	0.3077302	-
13/2	1/2	4	-0.4183798	+	15/2	-3/2	2	0.1177120	-
13/2	3/2	4	-0.3227870	+	15/2	-1/2	2	-0.1177120	-
13/2	5/2	4	-0.1802990	+	15/2	1/2	2	-0.3077302	-
13/2	-15/2	5	0.1947452	+	15/2	3/2	2	-0.3727224	-
13/2	-13/2	5	0.3373086	+	15/2	5/2	2	-0.2666984	-
13/2	-11/2	5	0.4416406	+	15/2	7/2	2	0.0000000	-
13/2	-9/2	5	0.4950337	+	15/2	9/2	2	0.3369259	-
13/2	-7/2	5	0.4950337	+	15/2	11/2	2	0.5432768	-
13/2	-5/2	5	0.4477748	+	15/2	-15/2	3	-0.4261814	-
13/2	-3/2	5	0.3656066	+	15/2	-13/2	3	-0.4764852	-
13/2	-1/2	5	0.2646066	+	15/2	-11/2	3	-0.3399751	-
13/2	1/2	5	0.1620378	+	15/2	-9/2	3	-0.1054218	-
13/2	3/2	5	0.0736068	+	15/2	-7/2	3	0.1380295	-
15/2	-15/2	0	-0.3841547	-	15/2	-5/2	3	0.3164023	-
15/2	-13/2	0	0.3841547	-	15/2	-3/2	3	0.3814304	-
15/2	-11/2	0	0.3841547	-	15/2	-1/2	3	0.3164023	-
15/2	-9/2	0	0.0886511	-	15/2	1/2	3	0.1380295	-
15/2	-7/2	0	-0.2068525	-	15/2	3/2	3	-0.1054218	-
15/2	-5/2	0	-0.3519179	-	15/2	5/2	3	-0.3399751	-
15/2	-3/2	0	-0.3089356	-	15/2	7/2	3	-0.4764852	-
15/2	-1/2	0	-0.1208878	-	15/2	9/2	3	-0.4261814	-
15/2	1/2	0	0.1208878	-	15/2	-15/2	4	-0.2609817	-
15/2	3/2	0	0.3089356	-	15/2	-13/2	4	-0.4088798	-
15/2	5/2	0	0.3519179	-	15/2	-11/2	4	-0.4655301	-
15/2	7/2	0	0.2068525	-	15/2	-9/2	4	-0.4226274	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					17/2	11/2	1	-0.4301719	+
					17/2	13/2	1	-0.3516677	+
15/2	-7/2	4	-0.2928049	-	17/2	15/2	1	0.4319755	+
15/2	-5/2	4	-0.1044590	-	17/2	-15/2	2	0.4382821	+
15/2	-3/2	4	0.1044590	-	17/2	-13/2	2	0.4839094	+
15/2	-1/2	4	0.2928049	-	17/2	-11/2	2	0.3374546	+
15/2	1/2	4	0.4226274	-	17/2	-9/2	2	0.0943992	+
15/2	3/2	4	0.4655301	-	17/2	-7/2	2	-0.1512825	+
15/2	5/2	4	0.4088798	-	17/2	-5/2	2	-0.3237080	+
15/2	7/2	4	0.2609817	-	17/2	-3/2	2	-0.3761147	+
15/2	-15/2	5	-0.1112830	-	17/2	-1/2	2	-0.2966833	+
15/2	-13/2	5	-0.2225660	-	17/2	1/2	2	-0.1098831	+
15/2	-11/2	5	-0.3338489	-	17/2	3/2	2	0.1265062	+
15/2	-9/2	5	-0.4276689	-	17/2	5/2	2	0.3291795	+
15/2	-7/2	5	-0.4899563	-	17/2	7/2	2	0.4033354	+
15/2	-5/2	5	-0.5117426	-	17/2	9/2	2	0.2664778	+
15/2	-3/2	5	-0.4899563	-	17/2	11/2	2	-0.1082054	+
15/2	-1/2	5	-0.4276689	-	17/2	13/2	2	-0.5901910	+
15/2	1/2	5	-0.3338489	-	17/2	-15/2	3	0.2869230	+
15/2	3/2	5	-0.2225660	-	17/2	-13/2	3	0.4318778	+
15/2	5/2	5	-0.1112830	-	17/2	-11/2	3	0.4641526	+
17/2	-15/2	0	0.5738460	+	17/2	-9/2	3	0.3830320	+
17/2	-13/2	0	0.0523847	+	17/2	-7/2	3	0.2138345	+
17/2	-11/2	0	-0.3099122	+	17/2	-5/2	3	0.0000000	+
17/2	-9/2	0	-0.3978906	+	17/2	-3/2	3	-0.2060065	+
17/2	-7/2	0	-0.2678392	+	17/2	-1/2	3	-0.3519753	+
17/2	-5/2	0	-0.0298843	+	17/2	1/2	3	-0.3952866	+
17/2	-3/2	0	0.2031251	+	17/2	3/2	3	-0.3122871	+
17/2	-1/2	0	0.3433442	+	17/2	5/2	3	-0.1077493	+
17/2	1/2	0	0.3433442	+	17/2	7/2	3	0.1754332	+
17/2	3/2	0	0.2031251	+	17/2	9/2	3	0.4456375	+
17/2	5/2	0	-0.0298843	+	17/2	11/2	3	0.5464106	+
17/2	7/2	0	-0.2678392	+	17/2	-15/2	4	0.1509889	+
17/2	9/2	0	-0.3978906	+	17/2	-13/2	4	0.2848556	+
17/2	11/2	0	-0.3099122	+	17/2	-11/2	4	0.3961893	+
17/2	13/2	0	0.0523847	+	17/2	-9/2	4	0.4583121	+
17/2	15/2	0	0.5738460	+	17/2	-7/2	4	0.4536114	+
17/2	-15/2	1	0.5556240	+	17/2	-5/2	4	0.3761147	+
17/2	-13/2	1	0.3635616	+	17/2	-3/2	4	0.2324067	+
17/2	-11/2	1	0.0302443	+	17/2	-1/2	4	0.0414089	+
17/2	-9/2	1	-0.2468863	+	17/2	1/2	4	-0.1669245	+
17/2	-7/2	1	-0.3744713	+	17/2	3/2	4	-0.3541003	+
17/2	-5/2	1	-0.3351394	+	17/2	5/2	4	-0.4770264	+
17/2	-3/2	1	-0.1658510	+	17/2	7/2	4	-0.4938120	+
17/2	-1/2	1	0.0626858	+	17/2	9/2	4	-0.3712129	+
17/2	1/2	1	0.2663224	+	17/2	-15/2	5	0.0562702	+
17/2	3/2	1	0.3676859	+	17/2	-13/2	5	0.1274907	+
17/2	5/2	1	0.3163595	+	17/2	-11/2	5	0.2154986	+
17/2	7/2	1	0.1090475	+	17/2	-9/2	5	0.3105665	+
17/2	9/2	1	-0.1902677	+	17/2	-7/2	5	0.4009396	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					19/2	3/2	2	0.3382716	-
					19/2	5/2	2	0.1670060	-
17/2	-5/2	5	0.4743981	+	19/2	7/2	2	-0.0852804	-
17/2	-3/2	5	0.5196771	+	19/2	9/2	2	-0.3396948	-
17/2	-1/2	5	0.5278615	+	19/2	11/2	2	-0.4652740	-
17/2	1/2	5	0.4937692	+	19/2	13/2	2	-0.2702194	-
17/2	3/2	5	0.4173112	+	19/2	15/2	2	0.5068698	-
17/2	5/2	5	0.3047610	+	19/2	-15/2	3	-0.1611935	-
17/2	7/2	5	0.1694347	+	19/2	-13/2	3	-0.2997134	-
19/2	-15/2	0	-0.5617046	-	19/2	-11/2	3	-0.4091505	-
19/2	-13/2	0	-0.4264780	-	19/2	-9/2	3	-0.4615446	-
19/2	-11/2	0	-0.1266520	-	19/2	-7/2	3	-0.4402737	-
19/2	-9/2	0	0.1628614	-	19/2	-5/2	3	-0.3427513	-
19/2	-7/2	0	0.3464023	-	19/2	-3/2	3	-0.1811645	-
19/2	-5/2	0	0.3875338	-	19/2	-1/2	3	0.0182028	-
19/2	-3/2	0	0.2949483	-	19/2	1/2	3	0.2170545	-
19/2	-1/2	0	0.1093589	-	19/2	3/2	3	0.3687885	-
19/2	1/2	0	-0.1093589	-	19/2	5/2	3	0.4243274	-
19/2	3/2	0	-0.2949483	-	19/2	7/2	3	0.3411386	-
19/2	5/2	0	-0.3875338	-	19/2	9/2	3	0.0979244	-
19/2	7/2	0	-0.3464023	-	19/2	11/2	3	-0.2779717	-
19/2	9/2	0	-0.1628614	-	19/2	13/2	3	-0.6411452	-
19/2	11/2	0	0.1266520	-	19/2	-15/2	4	-0.0746181	-
19/2	13/2	0	0.4264780	-	19/2	-13/2	4	-0.1635923	-
19/2	15/2	0	0.5617046	-	19/2	-11/2	4	-0.2655173	-
19/2	-15/2	1	-0.4308078	-	19/2	-9/2	4	-0.3634541	-
19/2	-13/2	1	-0.5005534	-	19/2	-7/2	4	-0.4386007	-
19/2	-11/2	1	-0.3859450	-	19/2	-5/2	4	-0.4730633	-
19/2	-9/2	1	-0.1656489	-	19/2	-3/2	4	-0.4524359	-
19/2	-7/2	1	0.0785872	-	19/2	-1/2	4	-0.3683537	-
19/2	-5/2	1	0.2761216	-	19/2	1/2	4	-0.2210488	-
19/2	-3/2	1	0.3773241	-	19/2	3/2	4	-0.0219258	-
19/2	-1/2	1	0.3593900	-	19/2	5/2	4	0.2038040	-
19/2	1/2	1	0.2287604	-	19/2	7/2	4	0.4143120	-
19/2	3/2	1	0.0204360	-	19/2	9/2	4	0.5476493	-
19/2	5/2	1	-0.2059160	-	19/2	11/2	4	0.5140598	-
19/2	7/2	1	-0.3736367	-	19/2	-15/2	5	-0.0247357	-
19/2	9/2	1	-0.4019120	-	19/2	-13/2	5	-0.0625768	-
19/2	11/2	1	-0.2270297	-	19/2	-11/2	5	-0.1176663	-
19/2	13/2	1	0.1588741	-	19/2	-9/2	5	-0.1884169	-
19/2	15/2	1	0.6153166	-	19/2	-7/2	5	-0.2705931	-
19/2	-15/2	2	-0.2849526	-	19/2	-5/2	5	-0.3574958	-
19/2	-13/2	2	-0.4332779	-	19/2	-3/2	5	-0.4402669	-
19/2	-11/2	2	-0.4729785	-	19/2	-1/2	5	-0.5083765	-
19/2	-9/2	2	-0.4015226	-	19/2	1/2	5	-0.5503337	-
19/2	-7/2	2	-0.2414774	-	19/2	3/2	5	-0.5546842	-
19/2	-5/2	2	-0.0331408	-	19/2	5/2	5	-0.5113936	-
19/2	-3/2	2	0.1739904	-	19/2	7/2	5	-0.4137378	-
19/2	-1/2	2	0.3299257	-	19/2	9/2	5	-0.2603043	-
19/2	1/2	2	0.3929279	-					

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					4	2	0	0.3599671	-
					4	3	0	0.3907876	-
3	-3	0	-0.1541287	+	4	4	0	0.2853909	-
3	-2	0	-0.2788293	+	4	-5	1	0.3757346	-
3	-1	0	-0.3688565	+	4	-4	1	0.4052819	-
3	0	0	-0.4015601	+	4	-3	1	0.2669587	-
3	1	0	-0.3688565	+	4	-2	1	0.0464716	-
3	2	0	-0.2788293	+	4	-1	1	-0.1738806	-
3	3	0	-0.1541287	+	4	0	1	-0.3299153	-
3	-4	1	0.2179709	+	4	1	1	-0.3849012	-
3	-3	1	0.3446423	+	4	2	1	-0.3337273	-
3	-2	1	0.4024554	+	4	3	1	-0.2018018	-
3	-1	1	0.3888089	+	4	-6	2	-0.4601790	-
3	0	1	0.3174611	+	4	-5	2	-0.3514675	-
3	1	1	0.2129594	+	4	-4	2	-0.1042100	-
3	2	1	0.1039135	+	4	-3	2	0.1426954	-
3	-5	2	-0.2970443	+	4	-2	2	0.3142050	-
3	-4	2	-0.4036037	+	4	-1	2	0.3820855	-
3	-3	2	-0.4119263	+	4	0	2	0.3526943	-
3	-2	2	-0.3512919	+	4	1	2	0.2555030	-
3	-1	2	-0.2545352	+	4	2	2	0.1314414	-
3	0	2	-0.1517755	+	4	-7	3	0.5144958	-
3	1	2	-0.0657207	+	4	-6	3	0.1992633	-
3	-6	3	0.3929526	+	4	-5	3	-0.1150447	-
3	-5	3	0.4455664	+	4	-4	3	-0.3158698	-
3	-4	3	0.3907876	+	4	-3	3	-0.3907876	-
3	-3	3	0.2912759	+	4	-2	3	-0.3657065	-
3	-2	3	0.1863007	+	4	-1	3	-0.2799887	-
3	-1	3	0.0985810	+	4	0	3	-0.1731695	-
3	0	3	0.0379439	+	4	1	3	-0.0769642	-
3	-7	4	-0.5072997	+	4	-8	4	-0.4850713	-
3	-6	4	-0.4537426	+	4	-7	4	0.0857493	-
3	-5	4	-0.3321056	+	4	-6	4	0.3514675	-
3	-4	4	-0.2127178	+	4	-5	4	0.4218307	-
3	-3	4	-0.1189129	+	4	-4	4	0.3805212	-
3	-2	4	-0.0555441	+	4	-3	4	0.2883484	-
3	-1	4	-0.0189719	+	4	-2	4	0.1864386	-
3	-8	5	0.6416889	+	4	-1	4	0.0994121	-
3	-7	5	0.3929526	+	4	0	4	0.0384821	-
3	-6	5	0.2268713	+	4	-8	5	-0.5423261	-
3	-5	5	0.1212678	+	4	-7	5	-0.5072997	-
3	-4	5	0.0582552	+	4	-6	5	-0.3929526	-
3	-3	5	0.0237826	+	4	-5	5	-0.2711631	-
3	-2	5	0.0071707	+	4	-4	5	-0.1681682	-
4	-4	0	-0.2853909	-	4	-3	5	-0.0921095	-
4	-3	0	-0.3907876	-	4	-2	5	-0.0424225	-
4	-2	0	-0.3599671	-	4	-1	5	-0.0143414	-
4	-1	0	-0.2129594	-	5	-5	0	-0.4126483	+
4	0	0	0.0000000	-	5	-4	0	-0.3981082	+
4	1	0	0.2129594	-	5	-3	0	-0.1982298	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					5	-1	4	-0.2537642	+
					5	0	4	-0.1512825	+
5	-2	0	0.0597685	+	5	1	4	-0.0654732	+
5	-1	0	0.2646066	+	5	-8	5	0.4126483	+
5	0	0	0.3416057	+	5	-7	5	0.5053889	+
5	1	0	0.2646066	+	5	-6	5	0.4882521	+
5	2	0	0.0597685	+	5	-5	5	0.4126483	+
5	3	0	-0.1982298	+	5	-4	5	0.3134289	+
5	4	0	-0.3981082	+	5	-3	5	0.2141127	+
5	5	0	-0.4126483	+	5	-2	5	0.1291148	+
5	-6	1	0.4882521	+	5	-1	5	0.0654732	+
5	-5	1	0.2858911	+	5	0	5	0.0244004	+
5	-4	1	-0.0280339	+	6	-6	0	-0.5081889	-
5	-3	1	-0.2659532	+	6	-5	0	-0.2716384	-
5	-2	1	-0.3464514	+	6	-4	0	0.0642493	-
5	-1	1	-0.2646066	+	6	-3	0	0.2953021	-
5	0	1	-0.0683211	+	6	-2	0	0.3439191	-
5	1	1	0.1643363	+	6	-1	0	0.2219328	-
5	2	1	0.3474810	+	6	0	0	0.0000000	-
5	3	1	0.4094618	+	6	1	0	-0.2219328	-
5	4	1	0.3134289	+	6	2	0	-0.3439191	-
5	-7	2	-0.5053889	+	6	3	0	-0.2953021	-
5	-6	2	-0.0583573	+	6	4	0	-0.0642493	-
5	-5	2	0.2674267	+	6	5	0	0.2716384	-
5	-4	2	0.3633613	+	6	6	0	0.5081889	-
5	-3	2	0.2659532	+	6	-7	1	0.5081889	-
5	-2	2	0.0597685	+	6	-6	1	0.0000000	-
5	-1	2	-0.1643363	+	6	-5	1	-0.3172053	-
5	0	2	-0.3318455	+	6	-4	1	-0.3533709	-
5	1	2	-0.3972698	+	6	-3	1	-0.1866272	-
5	2	2	-0.3500417	+	6	-2	1	0.0581156	-
5	3	2	-0.2141127	+	6	-1	1	0.2625944	-
5	-8	3	0.4126483	+	6	0	1	0.3438168	-
5	-7	3	-0.2609817	+	6	1	1	0.2690792	-
5	-6	3	-0.4043111	+	6	2	1	0.0612593	-
5	-5	3	-0.2674267	+	6	3	1	-0.2044399	-
5	-4	3	-0.0280339	+	6	4	1	-0.4126483	-
5	-3	3	0.1982298	+	6	5	1	-0.4294980	-
5	-2	3	0.3474810	+	6	-8	2	-0.3841547	-
5	-1	3	0.3972698	+	6	-7	2	0.3326877	-
5	0	3	0.3562459	+	6	-6	2	0.3884956	-
5	1	3	0.2537642	+	6	-5	2	0.1532247	-
5	2	3	0.1291148	+	6	-4	2	-0.1274907	-
5	-8	4	0.5536258	+	6	-3	2	-0.3122871	-
5	-7	4	0.2609817	+	6	-2	2	-0.3440214	-
5	-6	4	-0.0583573	+	6	-1	2	-0.2297222	-
5	-5	4	-0.2858911	+	6	0	2	-0.0205470	-
5	-4	4	-0.3981082	+	6	1	2	0.2082477	-
5	-3	4	-0.4094618	+	6	2	2	0.3772857	-
5	-2	4	-0.3500417	+	6	3	2	0.4228387	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					7	7	0	-0.5260255	+
					7	-8	1	0.3841547	+
6	4	2	0.3151654	-	7	-7	1	-0.3593438	+
6	-8	3	-0.5432768	-	7	-6	1	-0.3859972	+
6	-7	3	-0.1158270	-	7	-5	1	-0.1191213	+
6	-6	3	0.2316540	-	7	-4	1	0.1693442	+
6	-5	3	0.3753224	-	7	-3	1	0.3328219	+
6	-4	3	0.3291795	-	7	-2	1	0.3240798	+
6	-3	3	0.1573779	-	7	-1	1	0.1692110	+
6	-2	3	-0.0627721	-	7	0	1	-0.0583944	+
6	-1	3	-0.2609817	-	7	1	1	-0.2640931	+
6	0	3	-0.3858604	-	7	2	1	-0.3580688	+
6	1	3	-0.4115100	-	7	3	1	-0.2815050	+
6	2	3	-0.3399751	-	7	4	1	-0.0330383	+
6	3	3	-0.1993281	-	7	5	1	0.3037009	+
6	-8	4	-0.4914123	-	7	6	1	0.5260255	+
6	-7	4	-0.4485960	-	7	-8	2	0.5432768	+
6	-6	4	-0.2457062	-	7	-7	2	0.0532727	+
6	-5	4	0.0000000	-	7	-6	2	-0.2917864	+
6	-4	4	0.2154986	-	7	-5	2	-0.3801037	+
6	-3	4	0.3605981	-	7	-4	2	-0.2609057	+
6	-2	4	0.4210878	-	7	-3	2	-0.0353595	+
6	-1	4	0.4026370	-	7	-2	2	0.1907720	+
6	0	4	0.3248763	-	7	-1	2	0.3329398	+
6	1	4	0.2154986	-	7	0	2	0.3423970	+
6	2	4	0.1040957	-	7	1	2	0.2132473	+
6	-8	5	-0.2837170	-	7	2	2	-0.0166687	+
6	-7	5	-0.4255756	-	7	3	2	-0.2708335	+
6	-6	5	-0.4914123	-	7	4	2	-0.4457111	+
6	-5	5	-0.4914123	-	7	5	2	-0.4294980	+
6	-4	5	-0.4416406	-	7	-8	3	0.5219634	+
6	-3	5	-0.3605981	-	7	-7	3	0.3914726	+
6	-2	5	-0.2663193	-	7	-6	3	0.1077493	+
6	-1	5	-0.1743469	-	7	-5	3	-0.1645897	+
6	0	5	-0.0963739	-	7	-4	3	-0.3354501	+
6	1	5	-0.0393445	-	7	-3	3	-0.3703721	+
7	-7	0	-0.5260255	+	7	-2	3	-0.2771939	+
7	-6	0	0.0000000	+	7	-1	3	-0.0936393	+
7	-5	0	0.3262271	+	7	0	3	0.1248524	+
7	-4	0	0.3619165	+	7	1	3	0.3172053	+
7	-3	0	0.1901823	+	7	2	3	0.4287117	+
7	-2	0	-0.0588560	+	7	3	3	0.4228387	+
7	-1	0	-0.2638538	+	7	4	3	0.2917864	+
7	0	0	-0.3419224	+	7	-8	4	0.3690839	+
7	1	0	-0.2638538	+	7	-7	4	0.4729527	+
7	2	0	-0.0588560	+	7	-6	4	0.4309971	+
7	3	0	0.1901823	+	7	-5	4	0.2850778	+
7	4	0	0.3619165	+	7	-4	4	0.0845255	+
7	5	0	0.3262271	+	7	-3	4	-0.1224891	+
7	6	0	0.0000000	+	7	-2	4	-0.2954548	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					8	7	1	-0.5576780	-
					8	-8	2	-0.5387682	-
7	-1	4	-0.4057704	+	8	-7	2	-0.3741018	-
7	0	4	-0.4392073	+	8	-6	2	-0.0631446	-
7	1	4	-0.3968349	+	8	-5	2	0.2113223	-
7	2	4	-0.2944271	+	8	-4	2	0.3571139	-
7	3	4	-0.1598180	+	8	-3	2	0.3489912	-
7	-8	5	0.1759538	+	8	-2	2	0.2110318	-
7	-7	5	0.3110454	+	8	-1	2	0.0000000	-
7	-6	5	0.4173112	+	8	0	2	-0.2110318	-
7	-5	5	0.4818694	+	8	1	2	-0.3489912	-
7	-4	5	0.5000595	+	8	2	2	-0.3571139	-
7	-3	5	0.4743981	+	8	3	2	-0.2113223	-
7	-2	5	0.4129106	+	8	4	2	0.0631446	-
7	-1	5	0.3273658	+	8	5	2	0.3741018	-
7	0	5	0.2314826	+	8	6	2	0.5387682	-
7	1	5	0.1391037	+	8	-8	3	-0.4072704	-
7	2	5	0.0622091	+	8	-7	3	-0.4800651	-
8	-8	0	-0.4072704	-	8	-6	3	-0.3793935	-
8	-7	0	0.3563616	-	8	-5	3	-0.1752192	-
8	-6	0	0.4072704	-	8	-4	3	0.0580846	-
8	-5	0	0.1527264	-	8	-3	3	0.2545139	-
8	-4	0	-0.1409782	-	8	-2	3	0.3655178	-
8	-3	0	-0.3250331	-	8	-1	3	0.3655178	-
8	-2	0	-0.3446135	-	8	0	3	0.2545139	-
8	-1	0	-0.2153834	-	8	1	3	0.0580846	-
8	0	0	0.0000000	-	8	2	3	-0.1752192	-
8	1	0	0.2153834	-	8	3	3	-0.3793935	-
8	2	0	0.3446135	-	8	4	3	-0.4800651	-
8	3	0	0.3250331	-	8	5	3	-0.4072704	-
8	4	0	0.1409782	-	8	-8	4	-0.2396169	-
8	5	0	-0.1527264	-	8	-7	4	-0.3866801	-
8	6	0	-0.4072704	-	8	-6	4	-0.4588315	-
8	7	0	-0.3563616	-	8	-5	4	-0.4442617	-
8	8	0	0.4072704	-	8	-4	4	-0.3485075	-
8	-8	1	-0.5576780	-	8	-3	4	-0.1908854	-
8	-7	1	-0.0509088	-	8	-2	4	0.0000000	-
8	-6	1	0.3011806	-	8	-1	4	0.1908854	-
8	-5	1	0.3866801	-	8	0	4	0.3485075	-
8	-4	1	0.2602930	-	8	1	4	0.4442617	-
8	-3	1	0.0290423	-	8	2	4	0.4588315	-
8	-2	1	-0.1974022	-	8	3	4	0.3866801	-
8	-1	1	-0.3336705	-	8	4	4	0.2396169	-
8	0	1	-0.3336705	-	8	-8	5	-0.0978232	-
8	1	1	-0.1974022	-	8	-7	5	-0.1986799	-
8	2	1	0.0290423	-	8	-6	5	-0.3034885	-
8	3	1	0.2602930	-	8	-5	5	-0.3973597	-
8	4	1	0.3866801	-	8	-4	5	-0.4675719	-
8	5	1	0.3011806	-	8	-3	5	-0.5050354	-
8	6	1	-0.0509088	-	8	-2	5	-0.5050354	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					9	1	2	-0.0199185 +	
					9	2	2	0.2007021 +	
8	-1	5	-0.4675719 -		9	3	2	0.3641761 +	
8	0	5	-0.3973597 -		9	4	2	0.3917353 +	
8	1	5	-0.3034885 -		9	5	2	0.2212812 +	
8	2	5	-0.1986799 -		9	6	2	-0.1548513 +	
8	3	5	-0.0978232 -		9	7	2	-0.5997364 +	
9	-8	0	0.5852828 +		9	-8	3	0.2655678 +	
9	-7	0	0.1003752 +		9	-7	3	0.4126384 +	
9	-6	0	-0.2698021 +		9	-6	3	0.4645705 +	
9	-5	0	-0.3983516 +		9	-5	3	0.4148021 +	
9	-4	0	-0.3169255 +		9	-4	3	0.2788592 +	
9	-3	0	-0.1119569 +		9	-3	3	0.0887095 +	
9	-2	0	0.1197715 +		9	-2	3	-0.1139494 +	
9	-1	0	0.2954394 +		9	-1	3	-0.2845625 +	
9	0	0	0.3603395 +		9	0	3	-0.3826351 +	
9	1	0	0.2954394 +		9	1	3	-0.3786727 +	
9	2	0	0.1197715 +		9	2	3	-0.2611536 +	
9	3	0	-0.1119569 +		9	3	3	-0.0435750 +	
9	4	0	-0.3169255 +		9	4	3	0.2282803 +	
9	5	0	-0.3983516 +		9	5	3	0.4682263 +	
9	6	0	-0.2698021 +		9	6	3	0.5364206 +	
9	7	0	0.1003752 +		9	-8	4	0.1346674 +	
9	8	0	0.5852828 +		9	-7	4	0.2592174 +	
9	-8	1	0.5497775 +		9	-6	4	0.3699664 +	
9	-7	1	0.3967677 +		9	-5	4	0.4431923 +	
9	-6	1	0.0897783 +		9	-4	4	0.4615876 +	
9	-5	1	-0.1912404 +		9	-3	4	0.4165568 +	
9	-4	1	-0.3526960 +		9	-2	4	0.3092132 +	
9	-3	1	-0.3649896 +		9	-1	4	0.1505449 +	
9	-2	1	-0.2461588 +		9	0	4	-0.0391730 +	
9	-1	1	-0.0465196 +		9	1	4	-0.2317508 +	
9	0	1	0.1664337 +		9	2	4	-0.3933592 +	
9	1	1	0.3230444 +		9	3	4	-0.4879387 +	
9	2	1	0.3664749 +		9	4	4	-0.4820903 +	
9	3	1	0.2676752 +		9	5	4	-0.3511697 +	
9	4	1	0.0403426 +		9	-8	5	0.0482187 +	
9	5	1	-0.2441202 +		9	-7	5	0.1104829 +	
9	6	1	-0.4416508 +		9	-6	5	0.1892237 +	
9	7	1	-0.3205726 +		9	-5	5	0.2769952 +	
9	8	1	0.4533581 +		9	-4	5	0.3644113 +	
9	-8	2	0.4198995 +		9	-3	5	0.4413240 +	
9	-7	2	0.4878791 +		9	-2	5	0.4978806 +	
9	-6	2	0.3761726 +		9	-1	5	0.5255614 +	
9	-5	2	0.1614546 +		9	0	5	0.5182106 +	
9	-4	2	-0.0765973 +		9	1	5	0.4730594 +	
9	-3	2	-0.2691300 +		9	2	5	0.3917304 +	
9	-2	2	-0.3677700 +		9	3	5	0.2811608 +	
9	-1	2	-0.3502901 +		9	4	5	0.1539981 +	
9	0	2	-0.2229680 +		10	-8	0	-0.5529955 -	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					10	7	2	-0.2352360	-
					10	8	2	0.5260037	-
10	-7	0	-0.4515189	-	10	-8	3	-0.1448674	-
10	-6	0	-0.1799424	-	10	-7	3	-0.2748665	-
10	-5	0	0.1034767	-	10	-6	3	-0.3852669	-
10	-4	0	0.3067521	-	10	-5	3	-0.4507011	-
10	-3	0	0.3877270	-	10	-4	3	-0.4540958	-
10	-2	0	0.3431933	-	10	-3	3	-0.3891447	-
10	-1	0	0.1989338	-	10	-2	3	-0.2612395	-
10	0	0	0.0000000	-	10	-1	3	-0.0873628	-
10	1	0	-0.1989338	-	10	0	3	0.1049970	-
10	2	0	-0.3431933	-	10	1	3	0.2799919	-
10	3	0	-0.3877270	-	10	2	3	0.3968512	-
10	4	0	-0.3067521	-	10	3	3	0.4150729	-
10	5	0	-0.1034767	-	10	4	3	0.3023382	-
10	6	0	0.1799424	-	10	5	3	0.0473996	-
10	7	0	0.4515189	-	10	6	3	-0.3156022	-
10	8	0	0.5529955	-	10	7	3	-0.6442203	-
10	-8	1	-0.4121785	-	10	-8	4	-0.0647867	-
10	-7	1	-0.4998399	-	10	-7	4	-0.1439777	-
10	-6	1	-0.4162799	-	10	-6	4	-0.2376091	-
10	-5	1	-0.2246310	-	10	-5	4	-0.3321733	-
10	-4	1	0.0060925	-	10	-4	4	-0.4120771	-
10	-3	1	0.2128704	-	10	-3	4	-0.4617559	-
10	-2	1	0.3472872	-	10	-2	4	-0.4676217	-
10	-1	1	0.3809291	-	10	-1	4	-0.4199879	-
10	0	1	0.3081869	-	10	0	4	-0.3149909	-
10	1	1	0.1467862	-	10	1	4	-0.1565202	-
10	2	1	-0.0638991	-	10	2	4	0.0418318	-
10	3	1	-0.2669618	-	10	3	4	0.2547653	-
10	4	1	-0.3950768	-	10	4	4	0.4431012	-
10	5	1	-0.3818874	-	10	5	4	0.5509604	-
10	6	1	-0.1806076	-	10	6	4	0.4990109	-
10	7	1	0.2019254	-	10	-8	5	-0.0206953	-
10	8	1	0.6223759	-	10	-7	5	-0.0527630	-
10	-8	2	-0.2644904	-	10	-6	5	-0.1001107	-
10	-7	2	-0.4139930	-	10	-5	5	-0.1620138	-
10	-6	2	-0.4712088	-	10	-4	5	-0.2356388	-
10	-5	2	-0.4285489	-	10	-3	5	-0.3161426	-
10	-4	2	-0.2998686	-	10	-2	5	-0.3968512	-
10	-3	2	-0.1151205	-	10	-1	5	-0.4695607	-
10	-2	2	0.0860431	-	10	0	5	-0.5249849	-
10	-1	2	0.2608269	-	10	1	5	-0.5533826	-
10	0	2	0.3698854	-	10	2	5	-0.5454199	-
10	1	2	0.3839269	-	10	3	5	-0.4933508	-
10	2	2	0.2903219	-	10	4	5	-0.3926197	-
10	3	2	0.0997126	-	10	5	5	-0.2434924	-
10	4	2	-0.1473769	-					
10	5	2	-0.3739303	-					
10	6	2	-0.4598278	-					

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					9/2	-9/2	0	-0.2639308	-
					9/2	-7/2	0	-0.3819268	-
7/2	-7/2	0	-0.1345346	+	9/2	-5/2	0	-0.3858043	-
7/2	-5/2	0	-0.2516911	+	9/2	-3/2	0	-0.2820716	-
7/2	-3/2	0	-0.3477612	+	9/2	-1/2	0	-0.1029980	-
7/2	-1/2	0	-0.4015601	+	9/2	1/2	0	0.1029980	-
7/2	1/2	0	-0.4015601	+	9/2	3/2	0	0.2820716	-
7/2	3/2	0	-0.3477612	+	9/2	5/2	0	0.3858043	-
7/2	5/2	0	-0.2516911	+	9/2	7/2	0	0.3819268	-
7/2	7/2	0	-0.1345346	+	9/2	9/2	0	0.2639308	-
7/2	-9/2	1	0.1980295	+	9/2	-11/2	1	0.3605981	-
7/2	-7/2	1	0.3249318	+	9/2	-9/2	1	0.4176202	-
7/2	-5/2	1	0.3979586	+	9/2	-7/2	1	0.3187656	-
7/2	-3/2	1	0.4098406	+	9/2	-5/2	1	0.1291148	-
7/2	-1/2	1	0.3665725	+	9/2	-3/2	1	-0.0840975	-
7/2	1/2	1	0.2839459	+	9/2	-1/2	1	-0.2632668	-
7/2	3/2	1	0.1832863	+	9/2	1/2	1	-0.3684968	-
7/2	5/2	1	0.0868417	+	9/2	3/2	1	-0.3820921	-
7/2	-11/2	2	-0.2800560	+	9/2	5/2	1	-0.3099268	-
7/2	-9/2	2	-0.3960590	+	9/2	7/2	1	-0.1793056	-
7/2	-7/2	2	-0.4254356	+	9/2	-13/2	2	-0.4571415	-
7/2	-5/2	2	-0.3883678	+	9/2	-11/2	2	-0.3861642	-
7/2	-3/2	2	-0.3098103	+	9/2	-9/2	2	-0.1699876	-
7/2	-1/2	2	-0.2146429	+	9/2	-7/2	2	0.0690148	-
7/2	1/2	2	-0.1239241	+	9/2	-5/2	2	0.2589970	-
7/2	3/2	2	-0.0523675	+	9/2	-3/2	2	0.3655375	-
7/2	-13/2	3	0.3834825	+	9/2	-1/2	2	0.3830164	-
7/2	-11/2	3	0.4537426	+	9/2	1/2	2	0.3267259	-
7/2	-9/2	3	0.4200840	+	9/2	3/2	2	0.2251210	-
7/2	-7/2	3	0.3363364	+	9/2	5/2	2	0.1118167	-
7/2	-5/2	3	0.2378257	+	9/2	-15/2	3	0.5278615	-
7/2	-3/2	3	0.1469559	+	9/2	-13/2	3	0.2488363	-
7/2	-1/2	3	0.0758877	+	9/2	-11/2	3	-0.0556415	-
7/2	1/2	3	0.0286829	+	9/2	-9/2	3	-0.2725865	-
7/2	-15/2	4	-0.5113100	+	9/2	-7/2	3	-0.3795812	-
7/2	-13/2	4	-0.4782867	+	9/2	-5/2	3	-0.3904065	-
7/2	-11/2	4	-0.3704793	+	9/2	-3/2	3	-0.3337516	-
7/2	-9/2	4	-0.2556550	+	9/2	-1/2	3	-0.2419547	-
7/2	-7/2	4	-0.1585505	+	9/2	1/2	3	-0.1442422	-
7/2	-5/2	4	-0.0868417	+	9/2	3/2	3	-0.0624262	-
7/2	-3/2	4	-0.0399963	+	9/2	-17/2	4	-0.5129892	-
7/2	-1/2	4	-0.0135212	+	9/2	-15/2	4	0.0414727	-
7/2	-17/2	5	0.6666667	+	9/2	-13/2	4	0.3225820	-
7/2	-15/2	5	0.4277926	+	9/2	-11/2	4	0.4206977	-
7/2	-13/2	5	0.2619684	+	9/2	-9/2	4	0.4065596	-
7/2	-11/2	5	0.1512475	+	9/2	-7/2	4	0.3334722	-
7/2	-9/2	5	0.0808452	+	9/2	-5/2	4	0.2394889	-
7/2	-7/2	5	0.0388368	+	9/2	-3/2	4	0.1495923	-
7/2	-5/2	5	0.0158550	+	9/2	-1/2	4	0.0778669	-
7/2	-3/2	5	0.0047805	+	9/2	1/2	4	0.0296114	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					11/2	-11/2	3	-0.3147558	+
					11/2	-9/2	3	-0.1040957	+
9/2	-17/2	5	-0.5407381	-	11/2	-7/2	3	0.1200341	+
9/2	-15/2	5	-0.5245930	-	11/2	-5/2	3	0.2932113	+
9/2	-13/2	5	-0.4249689	-	11/2	-3/2	3	0.3849616	+
9/2	-11/2	5	-0.3103534	-	11/2	-1/2	3	0.3915279	+
9/2	-9/2	5	-0.2073636	-	11/2	1/2	3	0.3286255	+
9/2	-7/2	5	-0.1260032	-	11/2	3/2	3	0.2241492	+
9/2	-5/2	5	-0.0680495	-	11/2	5/2	3	0.1105673	+
9/2	-3/2	5	-0.0310198	-	11/2	-17/2	4	0.5619515	+
9/2	-1/2	5	-0.0104044	-	11/2	-15/2	4	0.3047610	+
11/2	-11/2	0	-0.3986562	+	11/2	-13/2	4	0.0000000	+
11/2	-9/2	0	-0.4176202	+	11/2	-11/2	4	-0.2360668	+
11/2	-7/2	0	-0.2583833	+	11/2	-9/2	4	-0.3732545	+
11/2	-5/2	0	-0.0218244	+	11/2	-7/2	4	-0.4166687	+
11/2	-3/2	0	0.1969698	+	11/2	-5/2	4	-0.3873444	+
11/2	-1/2	0	0.3257083	+	11/2	-3/2	4	-0.3121311	+
11/2	1/2	0	0.3257083	+	11/2	-1/2	4	-0.2175981	+
11/2	3/2	0	0.1969698	+	11/2	1/2	4	-0.1261463	+
11/2	5/2	0	-0.0218244	+	11/2	3/2	4	-0.0534586	+
11/2	7/2	0	-0.2583833	+	11/2	-17/2	5	0.3973597	+
11/2	9/2	0	-0.4176202	+	11/2	-15/2	5	0.5007734	+
11/2	11/2	0	-0.3986562	+	11/2	-13/2	5	0.5007734	+
11/2	-13/2	1	0.4882521	+	11/2	-11/2	5	0.4416406	+
11/2	-11/2	1	0.3291795	+	11/2	-9/2	5	0.3541003	+
11/2	-9/2	1	0.0393445	+	11/2	-7/2	5	0.2598386	+
11/2	-7/2	1	-0.2113137	+	11/2	-5/2	5	0.1732257	+
11/2	-5/2	1	-0.3381020	+	11/2	-3/2	5	0.1025767	+
11/2	-3/2	1	-0.3191276	+	11/2	-1/2	5	0.0512884	+
11/2	-1/2	1	-0.1783978	+	11/2	1/2	5	0.0189005	+
11/2	1/2	1	0.0301547	+	13/2	-13/2	0	-0.5081889	-
11/2	3/2	1	0.2383940	+	13/2	-11/2	0	-0.3151654	-
11/2	5/2	1	0.3795812	+	13/2	-9/2	0	0.0000000	-
11/2	7/2	1	0.4037512	+	13/2	-7/2	0	0.2494735	-
11/2	9/2	1	0.2917864	+	13/2	-5/2	0	0.3486499	-
11/2	-15/2	2	-0.5219634	+	13/2	-3/2	0	0.2878552	-
11/2	-13/2	2	-0.1112830	+	13/2	-1/2	0	0.1101095	-
11/2	-11/2	2	0.2225660	+	13/2	1/2	0	-0.1101095	-
11/2	-9/2	2	0.3605981	+	13/2	3/2	0	-0.2878552	-
11/2	-7/2	2	0.3162654	+	13/2	5/2	0	-0.3486499	-
11/2	-5/2	2	0.1512038	+	13/2	7/2	0	-0.2494735	-
11/2	-3/2	2	-0.0603094	+	13/2	9/2	0	0.0000000	-
11/2	-1/2	2	-0.2507431	+	13/2	11/2	0	0.3151654	-
11/2	1/2	2	-0.3707227	+	13/2	13/2	0	0.5081889	-
11/2	3/2	2	-0.3953660	+	13/2	-15/2	1	0.5248552	-
11/2	5/2	2	-0.3266375	+	13/2	-13/2	1	0.0514663	-
11/2	7/2	2	-0.1915082	+	13/2	-11/2	1	-0.2818925	-
11/2	-17/2	3	0.4392977	+	13/2	-9/2	1	-0.3672151	-
11/2	-15/2	3	-0.2248724	+	13/2	-7/2	1	-0.2520588	-
11/2	-13/2	3	-0.4063480	+	13/2	-5/2	1	-0.0341606	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					13/2	-15/2	5	-0.4063480	-
					13/2	-13/2	5	-0.4818694	-
13/2	-3/2	1	0.1843032	-	13/2	-11/2	5	-0.4976726	-
13/2	-1/2	1	0.3216504	-	13/2	-9/2	5	-0.4655301	-
13/2	1/2	1	0.3307869	-	13/2	-7/2	5	-0.4000476	-
13/2	3/2	1	0.2060164	-	13/2	-5/2	5	-0.3162654	-
13/2	5/2	1	-0.0161034	-	13/2	-3/2	5	-0.2279483	-
13/2	7/2	1	-0.2616500	-	13/2	-1/2	5	-0.1464024	-
13/2	9/2	1	-0.4305979	-	13/2	1/2	5	-0.0796914	-
13/2	11/2	1	-0.4149345	-	13/2	3/2	5	-0.0321246	-
13/2	-17/2	2	-0.4089639	-	15/2	-15/2	0	-0.5410272	+
13/2	-15/2	2	0.3026088	-	15/2	-13/2	0	-0.0493888	+
13/2	-13/2	2	0.4050125	-	15/2	-11/2	0	0.2921881	+
13/2	-11/2	2	0.2132924	-	15/2	-9/2	0	0.3751348	+
13/2	-9/2	2	-0.0548632	-	15/2	-7/2	0	0.2525213	+
13/2	-7/2	2	-0.2647641	-	15/2	-5/2	0	0.0281752	+
13/2	-5/2	2	-0.3503590	-	15/2	-3/2	0	-0.1915082	+
13/2	-3/2	2	-0.2998781	-	15/2	-1/2	0	-0.3237080	+
13/2	-1/2	2	-0.1414765	-	15/2	1/2	0	-0.3237080	+
13/2	1/2	2	0.0711177	-	15/2	3/2	0	-0.1915082	+
13/2	3/2	2	0.2729413	-	15/2	5/2	0	0.0281752	+
13/2	5/2	2	0.4020913	-	15/2	7/2	0	0.2525213	+
13/2	7/2	2	0.4138281	-	15/2	9/2	0	0.3751348	+
13/2	9/2	2	0.2934030	-	15/2	11/2	0	0.2921881	+
13/2	-17/2	3	-0.5556725	-	15/2	13/2	0	-0.0493888	+
13/2	-15/2	3	-0.1650593	-	15/2	15/2	0	-0.5410272	+
13/2	-13/2	3	0.1828566	-	15/2	-17/2	1	0.4072704	+
13/2	-11/2	3	0.3591643	-	15/2	-15/2	1	-0.3315554	+
13/2	-9/2	3	0.3605981	-	15/2	-13/2	1	-0.4055699	+
13/2	-7/2	3	0.2324067	-	15/2	-11/2	1	-0.1793861	+
13/2	-5/2	3	0.0365192	-	15/2	-9/2	1	0.1028110	+
13/2	-3/2	3	-0.1657922	-	15/2	-7/2	1	0.2982666	+
13/2	-1/2	3	-0.3243761	-	15/2	-5/2	1	0.3466576	+
13/2	1/2	3	-0.4065078	-	15/2	-3/2	1	0.2510911	+
13/2	3/2	3	-0.4001667	-	15/2	-1/2	1	0.0591007	+
13/2	5/2	3	-0.3146801	-	15/2	1/2	1	-0.1563658	+
13/2	7/2	3	-0.1782845	-	15/2	3/2	1	-0.3159724	+
13/2	-17/2	4	-0.4812265	-	15/2	5/2	1	-0.3530549	+
13/2	-15/2	4	-0.4673002	-	15/2	7/2	1	-0.2327666	+
13/2	-13/2	4	-0.2953021	-	15/2	9/2	1	0.0285146	+
13/2	-11/2	4	-0.0681466	-	15/2	11/2	1	0.3427692	+
13/2	-9/2	4	0.1472135	-	15/2	13/2	1	0.5238473	+
13/2	-7/2	4	0.3104131	-	15/2	-17/2	2	0.5564374	+
13/2	-5/2	4	0.4025402	-	15/2	-15/2	2	0.1020171	+
13/2	-3/2	4	0.4217043	-	15/2	-13/2	2	-0.2512377	+
13/2	-1/2	4	0.3787819	-	15/2	-11/2	2	-0.3802682	+
13/2	1/2	4	0.2932113	-	15/2	-9/2	2	-0.3103534	+
13/2	3/2	4	0.1887736	-	15/2	-7/2	2	-0.1192712	+
13/2	5/2	4	0.0891422	-	15/2	-5/2	2	0.1035988	+
13/2	-17/2	5	-0.2649065	-	15/2	-3/2	2	0.2797157	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					17/2	-13/2	0	0.4225275	-
					17/2	-11/2	0	0.2081106	-
15/2	-1/2	2	0.3546043	+	17/2	-9/2	0	-0.0756766	-
15/2	1/2	2	0.3051948	+	17/2	-7/2	0	-0.2852424	-
15/2	3/2	2	0.1426305	+	17/2	-5/2	0	-0.3555828	-
15/2	5/2	2	-0.0890004	+	17/2	-3/2	0	-0.2828169	-
15/2	7/2	2	-0.3181552	+	17/2	-1/2	0	-0.1067234	-
15/2	9/2	2	-0.4562342	+	17/2	1/2	0	0.1067234	-
15/2	11/2	2	-0.4132163	+	17/2	3/2	0	0.2828169	-
15/2	-17/2	3	0.5151609	+	17/2	5/2	0	0.3555828	-
15/2	-15/2	3	0.4201510	+	17/2	7/2	0	0.2852424	-
15/2	-13/2	3	0.1654000	+	17/2	9/2	0	0.0756766	-
15/2	-11/2	3	-0.1015870	+	17/2	11/2	0	-0.2081106	-
15/2	-9/2	3	-0.2944271	+	17/2	13/2	0	-0.4225275	-
15/2	-7/2	3	-0.3726798	+	17/2	15/2	0	-0.3279318	-
15/2	-5/2	3	-0.3318455	+	17/2	17/2	0	0.4288339	-
15/2	-3/2	3	-0.1942248	+	17/2	-17/2	1	-0.5696725	-
15/2	-1/2	3	0.0000000	+	17/2	-15/2	1	-0.0976980	-
15/2	1/2	3	0.2016051	+	17/2	-13/2	1	0.2626060	-
15/2	3/2	3	0.3611260	+	17/2	-11/2	1	0.3877270	-
15/2	5/2	3	0.4376073	+	17/2	-9/2	1	0.3084726	-
15/2	7/2	3	0.4071783	+	17/2	-7/2	1	0.1089709	-
15/2	9/2	3	0.2705136	+	17/2	-5/2	1	-0.1165770	-
15/2	-17/2	4	0.3499829	+	17/2	-3/2	1	-0.2875596	-
15/2	-15/2	4	0.4655704	+	17/2	-1/2	1	-0.3507287	-
15/2	-13/2	4	0.4497448	+	17/2	1/2	1	-0.2875596	-
15/2	-11/2	4	0.3338489	+	17/2	3/2	1	-0.1165770	-
15/2	-9/2	4	0.1573779	+	17/2	5/2	1	0.1089709	-
15/2	-7/2	4	-0.0390407	+	17/2	7/2	1	0.3084726	-
15/2	-5/2	4	-0.2191151	+	17/2	9/2	1	0.3877270	-
15/2	-3/2	4	-0.3546043	+	17/2	11/2	1	0.2626060	-
15/2	-1/2	4	-0.4276689	+	17/2	13/2	1	-0.0976980	-
15/2	1/2	4	-0.4321008	+	17/2	15/2	1	-0.5696725	-
15/2	3/2	4	-0.3735308	+	17/2	-17/2	2	-0.5328798	-
15/2	5/2	4	-0.2685644	+	17/2	-15/2	2	-0.4045925	-
15/2	7/2	4	-0.1423537	+	17/2	-13/2	2	-0.1201527	-
15/2	-17/2	5	0.1597446	+	17/2	-11/2	2	0.1545038	-
15/2	-15/2	5	0.2873314	+	17/2	-9/2	2	0.3286260	-
15/2	-13/2	5	0.3934447	+	17/2	-7/2	2	0.3676468	-
15/2	-11/2	5	0.4655301	+	17/2	-5/2	2	0.2798125	-
15/2	-9/2	5	0.4976726	+	17/2	-3/2	2	0.1037470	-
15/2	-7/2	5	0.4899563	+	17/2	-1/2	2	-0.1037470	-
15/2	-5/2	5	0.4472668	+	17/2	1/2	2	-0.2798125	-
15/2	-3/2	5	0.3780095	+	17/2	3/2	2	-0.3676468	-
15/2	-1/2	5	0.2928049	+	17/2	5/2	2	-0.3286260	-
15/2	1/2	5	0.2031740	+	17/2	7/2	2	-0.1545038	-
15/2	3/2	5	0.1201994	+	17/2	9/2	2	0.1201527	-
15/2	5/2	5	0.0530521	+	17/2	11/2	2	0.4045925	-
17/2	-17/2	0	-0.4288339	-	17/2	13/2	2	0.5328798	-
17/2	-15/2	0	0.3279318	-	17/2	-17/2	3	-0.3891604	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					19/2	-3/2	0	0.2320410	+
					19/2	-1/2	0	0.3441725	+
17/2	-15/2	3	-0.4792849	-	19/2	1/2	0	0.3441725	+
17/2	-13/2	3	-0.4092985	-	19/2	3/2	0	0.2320410	+
17/2	-11/2	3	-0.2343761	-	19/2	5/2	0	0.0377843	+
17/2	-9/2	3	-0.0164078	-	19/2	7/2	0	-0.1820495	+
17/2	-7/2	3	0.1865787	-	19/2	9/2	0	-0.3518207	+
17/2	-5/2	3	0.3282187	-	19/2	11/2	0	-0.3895899	+
17/2	-3/2	3	0.3788303	-	19/2	13/2	0	-0.2284982	+
17/2	-1/2	3	0.3282187	-	19/2	15/2	0	0.1442324	+
17/2	1/2	3	0.1865787	-	19/2	17/2	0	0.5946856	+
17/2	3/2	3	-0.0164078	-	19/2	-17/2	1	0.5428712	+
17/2	5/2	3	-0.2343761	-	19/2	-15/2	1	0.4240480	+
17/2	7/2	3	-0.4092985	-	19/2	-13/2	1	0.1434052	+
17/2	9/2	3	-0.4792849	-	19/2	-11/2	1	-0.1353171	+
17/2	11/2	3	-0.3891604	-	19/2	-9/2	1	-0.3207390	+
17/2	-17/2	4	-0.2206332	-	19/2	-7/2	1	-0.3756012	+
17/2	-15/2	4	-0.3650501	-	19/2	-5/2	1	-0.3041581	+
17/2	-13/2	4	-0.4480160	-	19/2	-3/2	1	-0.1405078	+
17/2	-11/2	4	-0.4558145	-	19/2	-1/2	1	0.0628370	+
17/2	-9/2	4	-0.3891447	-	19/2	1/2	1	0.2462989	+
17/2	-7/2	4	-0.2606443	-	19/2	3/2	1	0.3545540	+
17/2	-5/2	4	-0.0915811	-	19/2	5/2	1	0.3478369	+
17/2	-3/2	4	0.0915811	-	19/2	7/2	1	0.2132390	+
17/2	-1/2	4	0.2606443	-	19/2	9/2	1	-0.0239963	+
17/2	1/2	4	0.3891447	-	19/2	11/2	1	-0.2891804	+
17/2	3/2	4	0.4558145	-	19/2	13/2	1	-0.4468879	+
17/2	5/2	4	0.4480160	-	19/2	15/2	1	-0.2896643	+
17/2	7/2	4	0.3650501	-	19/2	17/2	1	0.4732641	+
17/2	9/2	4	0.2206332	-	19/2	-17/2	2	0.4022450	+
17/2	-17/2	5	-0.0865395	-	19/2	-15/2	2	0.4877938	+
17/2	-15/2	5	-0.1780967	-	19/2	-13/2	2	0.4062476	+
17/2	-13/2	5	-0.2762653	-	19/2	-11/2	2	0.2192174	+
17/2	-11/2	5	-0.3683537	-	19/2	-9/2	2	-0.0059457	+
17/2	-9/2	5	-0.4430101	-	19/2	-7/2	2	-0.2077403	+
17/2	-7/2	5	-0.4914755	-	19/2	-5/2	2	-0.3389176	+
17/2	-5/2	5	-0.5082542	-	19/2	-3/2	2	-0.3717488	+
17/2	-3/2	5	-0.4914755	-	19/2	-1/2	2	-0.3007596	+
17/2	-1/2	5	-0.4430101	-	19/2	1/2	2	-0.1432487	+
17/2	1/2	5	-0.3683537	-	19/2	3/2	2	0.0623592	+
17/2	3/2	5	-0.2762653	-	19/2	5/2	2	0.2605281	+
17/2	5/2	5	-0.1780967	-	19/2	7/2	2	0.3855555	+
17/2	7/2	5	-0.0865395	-	19/2	9/2	2	0.3726839	+
19/2	-17/2	0	0.5946856	+	19/2	11/2	2	0.1762549	+
19/2	-15/2	0	0.1442324	+	19/2	13/2	2	-0.1970590	+
19/2	-13/2	0	-0.2284982	+	19/2	15/2	2	-0.6073767	+
19/2	-11/2	0	-0.3895899	+	19/2	-17/2	3	0.2463238	+
19/2	-9/2	0	-0.3518207	+	19/2	-15/2	3	0.3932114	+
19/2	-7/2	0	-0.1820495	+	19/2	-13/2	3	0.4598438	+
19/2	-5/2	0	0.0377843	+	19/2	-11/2	3	0.4359468	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					4	0	0	-0.4145589 +	
					4	1	0	-0.3908499 +	
19/2	-9/2	3	0.3299870 +		4	2	0	-0.3240756 +	
19/2	-7/2	3	0.1651001 +		4	3	0	-0.2268057 +	
19/2	-5/2	3	-0.0259430 +		4	4	0	-0.1180334 +	
19/2	-3/2	3	-0.2059160 +		4	-5	1	0.1802990 +	
19/2	-1/2	3	-0.3383545 +		4	-4	1	0.3047610 +	
19/2	1/2	3	-0.3927884 +		4	-3	1	0.3873444 +	
19/2	3/2	3	-0.3499899 +		4	-2	1	0.4183798 +	
19/2	5/2	3	-0.2072488 +		4	-1	1	0.3989095 +	
19/2	7/2	3	0.0162830 +		4	0	1	0.3384859 +	
19/2	9/2	3	0.2740416 +		4	1	1	0.2522925 +	
19/2	11/2	3	0.4857015 +		4	2	1	0.1581327 +	
19/2	13/2	3	0.5260037 +		4	3	1	0.0732012 +	
19/2	-17/2	4	0.1206735 +		4	-6	2	-0.2639308 +	
19/2	-15/2	4	0.2363086 +		4	-5	2	-0.3854955 +	
19/2	-13/2	4	0.3446462 +		4	-4	2	-0.4309971 +	
19/2	-11/2	4	0.4247337 +		4	-3	2	-0.4140886 +	
19/2	-9/2	4	0.4601497 +		4	-2	2	-0.3535955 +	
19/2	-7/2	4	0.4410306 +		4	-1	2	-0.2697121 +	
19/2	-5/2	4	0.3650501 +		4	0	2	-0.1809283 +	
19/2	-3/2	4	0.2377713 +		4	1	2	-0.1019416 +	
19/2	-1/2	4	0.0724548 +		4	2	2	-0.0422627 +	
19/2	1/2	4	-0.1106765 +		4	-7	3	0.3732545 +	
19/2	3/2	4	-0.2857656 +		4	-6	3	0.4571415 +	
19/2	5/2	4	-0.4233581 +		4	-5	3	0.4416406 +	
19/2	7/2	4	-0.4933508 +		4	-4	3	0.3732545 +	
19/2	9/2	4	-0.4691436 +		4	-3	3	0.2835071 +	
19/2	11/2	4	-0.3326739 +		4	-2	3	0.1936722 +	
19/2	-17/2	5	0.0416363 +		4	-1	3	0.1167887 +	
19/2	-15/2	5	0.0963316 +		4	0	3	0.0592227 +	
19/2	-13/2	5	0.1668511 +		4	1	3	0.0220710 +	
19/2	-11/2	5	0.2474802 +		4	-8	4	-0.5129892 +	
19/2	-9/2	5	0.3307094 +		4	-7	4	-0.4976726 +	
19/2	-7/2	5	0.4081384 +		4	-6	4	-0.4031609 +	
19/2	-5/2	5	0.4712776 +		4	-5	4	-0.2944271 +	
19/2	-3/2	5	0.5123328 +		4	-4	4	-0.1967224 +	
19/2	-1/2	5	0.5249849 +		4	-3	4	-0.1195371 +	
19/2	1/2	5	0.5051669 +		4	-2	4	-0.0645574 +	
19/2	3/2	5	0.4518350 +		4	-1	4	-0.0294280 +	
19/2	5/2	5	0.3677220 +		4	0	4	-0.0098705 +	
19/2	7/2	5	0.2600187 +		4	-9	5	0.6882472 +	
19/2	9/2	5	0.1405804 +		4	-8	5	0.4588315 +	
J1 = 9					4	-7	5	0.2944271 +	
					4	-6	5	0.1802990 +	
					4	-5	5	0.1040957 +	
4	-4	0	-0.1180334 +		4	-4	5	0.0556415 +	
4	-3	0	-0.2268057 +		4	-3	5	0.0267293 +	
4	-2	0	-0.3240756 +		4	-2	5	0.0109122 +	
4	-1	0	-0.3908499 +		4	-1	5	0.0032902 +	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					5	-5	4	0.4228387	-
					5	-4	4	0.3690839	-
5	-5	0	-0.2441260	-	5	-3	4	0.2861201	-
5	-4	0	-0.3690839	-	5	-2	4	0.1982298	-
5	-3	0	-0.3989299	-	5	-1	4	0.1207759	-
5	-2	0	-0.3317020	-	5	0	4	0.0617287	-
5	-1	0	-0.1871051	-	5	1	4	0.0231483	-
5	0	0	0.0000000	-	5	-9	5	-0.5380276	-
5	1	0	0.1871051	-	5	-8	5	-0.5380276	-
5	2	0	0.3317020	-	5	-7	5	-0.4520336	-
5	3	0	0.3989299	-	5	-6	5	-0.3452464	-
5	4	0	0.3690839	-	5	-5	5	-0.2441260	-
5	5	0	0.2441260	-	5	-4	5	-0.1598180	-
5	-6	1	0.3452464	-	5	-3	5	-0.0957541	-
5	-5	1	0.4228387	-	5	-2	5	-0.0511827	-
5	-4	1	0.3573639	-	5	-1	5	-0.0231483	-
5	-3	1	0.1982298	-	5	0	5	-0.0077161	-
5	-2	1	0.0000000	-	6	-6	0	-0.3841547	+
5	-1	1	-0.1871051	-	6	-5	0	-0.4294980	+
5	0	1	-0.3240756	-	6	-4	0	-0.3064494	+
5	1	1	-0.3873444	-	6	-3	0	-0.0950259	+
5	2	1	-0.3708541	-	6	-2	0	0.1244182	+
5	3	1	-0.2861201	-	6	-1	0	0.2852012	+
5	4	1	-0.1598180	-	6	0	0	0.3438168	+
5	-7	2	-0.4520336	-	6	1	0	0.2852012	+
5	-6	2	-0.4126483	-	6	2	0	0.1244182	+
5	-5	2	-0.2260168	-	6	3	0	-0.0950259	+
5	-4	2	0.0000000	-	6	4	0	-0.3064494	+
5	-3	2	0.1982298	-	6	5	0	-0.4294980	+
5	-2	2	0.3317020	-	6	6	0	-0.3841547	+
5	-1	2	0.3873444	-	6	-7	1	0.4859215	+
5	0	2	0.3703721	-	6	-6	1	0.3644411	+
5	1	2	0.2988427	-	6	-5	1	0.1003091	+
5	2	2	0.1982298	-	6	-4	1	-0.1532247	+
5	3	2	0.0957541	-	6	-3	1	-0.3122871	+
5	-8	3	0.5380276	-	6	-2	1	-0.3447977	+
5	-7	3	0.2917864	-	6	-1	1	-0.2580535	+
5	-6	3	0.0000000	-	6	0	1	-0.0871735	+
5	-5	3	-0.2260168	-	6	1	1	0.1162313	+
5	-4	3	-0.3573639	-	6	2	1	0.2953021	+
5	-3	3	-0.3989299	-	6	3	1	0.3991089	+
5	-2	3	-0.3708541	-	6	4	1	0.3936414	+
5	-1	3	-0.2988427	-	6	5	1	0.2716384	+
5	0	3	-0.2083343	-	6	-8	2	-0.5354594	+
5	1	3	-0.1207759	-	6	-7	2	-0.1590551	+
5	2	3	-0.0511827	-	6	-6	2	0.1762050	+
5	-9	4	-0.5380276	-	6	-5	2	0.3460993	+
5	-8	4	0.0000000	-	6	-4	2	0.3474810	+
5	-7	4	0.2917864	-	6	-3	2	0.2239527	+
5	-6	4	0.4126483	-	6	-2	2	0.0351908	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					7	-1	0	0.1982298	-
					7	0	0	0.0000000	-
6	-1	2	-0.1597614	+	7	1	0	-0.1982298	-
6	0	2	-0.3125766	+	7	2	0	-0.3278202	-
6	1	2	-0.3917207	+	7	3	0	-0.3354501	-
6	2	2	-0.3856103	+	7	4	0	-0.1985027	-
6	3	2	-0.3032333	+	7	5	0	0.0593140	-
6	4	2	-0.1717992	+	7	6	0	0.3514074	-
6	-9	3	0.4637215	+	7	7	0	0.5060846	-
6	-8	3	-0.1893135	+	7	-8	1	0.5387682	-
6	-7	3	-0.4014752	+	7	-7	1	0.0987776	-
6	-6	3	-0.3502279	+	7	-6	1	-0.2432598	-
6	-5	3	-0.1695534	+	7	-5	1	-0.3681931	-
6	-4	3	0.0448596	+	7	-4	1	-0.3004984	-
6	-3	3	0.2304256	+	7	-3	1	-0.1154838	-
6	-2	3	0.3524728	+	7	-2	1	0.1003091	-
6	-1	3	0.3990510	+	7	-1	1	0.2708335	-
6	0	3	0.3757372	+	7	0	1	0.3433442	-
6	1	3	0.3004304	+	7	1	1	0.2955036	-
6	2	3	0.1981039	+	7	2	1	0.1381014	-
6	3	3	0.0952970	+	7	3	1	-0.0861743	-
6	-9	4	0.5679405	+	7	4	1	-0.3080525	-
6	-8	4	0.3424810	+	7	5	1	-0.4417468	-
6	-7	4	0.0536175	+	7	6	1	-0.4000950	-
6	-6	4	-0.1857364	+	7	-9	2	-0.4319755	-
6	-5	4	-0.3412196	+	7	-8	2	0.2721190	-
6	-4	4	-0.4111450	+	7	-7	2	0.4136864	-
6	-3	4	-0.4094473	+	7	-6	2	0.2631488	-
6	-2	4	-0.3568995	+	7	-5	2	0.0135751	-
6	-1	4	-0.2758307	+	7	-4	2	-0.2088101	-
6	0	4	-0.1867080	+	7	-3	2	-0.3341163	-
6	1	4	-0.1058860	+	7	-2	2	-0.3382780	-
6	2	4	-0.0441140	+	7	-1	2	-0.2325457	-
6	-9	5	0.3829054	+	7	0	2	-0.0529792	-
6	-8	5	0.4943287	+	7	1	2	0.1500557	-
6	-7	5	0.5086601	+	7	2	2	0.3223776	-
6	-6	5	0.4643410	+	7	3	2	0.4164413	-
6	-5	5	0.3884956	+	7	4	2	0.4016163	-
6	-4	5	0.3009274	+	7	5	2	0.2733169	-
6	-3	5	0.2154986	+	7	-9	3	-0.5655888	-
6	-2	5	0.1410769	+	7	-8	3	-0.2091548	-
6	-1	5	0.0823712	+	7	-7	3	0.1345116	-
6	0	5	0.0407254	+	7	-6	3	0.3348411	-
6	1	5	0.0148708	+	7	-5	3	0.3762051	-
7	-7	0	-0.5060846	-	7	-4	3	0.2891217	-
7	-6	0	-0.3514074	-	7	-3	3	0.1224891	-
7	-5	0	-0.0593140	-	7	-2	3	-0.0714371	-
7	-4	0	0.1985027	-	7	-1	3	-0.2462249	-
7	-3	0	0.3354501	-	7	0	3	-0.3670503	-
7	-2	0	0.3278202	-	7	1	3	-0.4141297	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					8	-6	1	-0.2309146	+
					8	-5	1	0.0381603	+
7	2	3	-0.3842600	-	8	-4	1	0.2531954	+
7	3	3	-0.2905782	-	8	-3	1	0.3466506	+
7	4	3	-0.1600380	-	8	-2	1	0.3055694	+
7	-9	4	-0.4705983	-	8	-1	1	0.1574305	+
7	-8	4	-0.4806580	-	8	0	1	-0.0440032	+
7	-7	4	-0.3364881	-	8	1	1	-0.2328429	+
7	-6	4	-0.1287850	-	8	2	1	-0.3452456	+
7	-5	4	0.0814508	-	8	3	1	-0.3336170	+
7	-4	4	0.2549813	-	8	4	1	-0.1808953	+
7	-3	4	0.3703721	-	8	5	1	0.0849218	+
7	-2	4	0.4206910	-	8	6	1	0.3753047	+
7	-1	4	0.4103748	-	8	7	1	0.5200374	+
7	0	4	0.3521493	-	8	-9	2	0.5672939	+
7	1	4	0.2639630	-	8	-8	2	0.1464746	+
7	2	4	0.1658976	-	8	-7	2	-0.2093110	+
7	3	4	0.0768798	-	8	-6	2	-0.3705445	+
7	-9	5	-0.2480271	-	8	-5	2	-0.3444761	+
7	-8	5	-0.3877834	-	8	-4	2	-0.1898452	+
7	-7	5	-0.4702564	-	8	-3	2	0.0188410	+
7	-6	5	-0.4987822	-	8	-2	2	0.2109066	+
7	-5	5	-0.4818694	-	8	-1	2	0.3313412	+
7	-4	5	-0.4309971	-	8	0	2	0.3478756	+
7	-3	5	-0.3586113	-	8	1	2	0.2545715	+
7	-2	5	-0.2766746	-	8	2	2	0.0724538	+
7	-1	5	-0.1956385	-	8	3	2	-0.1527207	+
7	0	5	-0.1237326	-	8	4	2	-0.3558237	+
7	1	5	-0.0665043	-	8	5	2	-0.4614875	+
7	2	5	-0.0265260	-	8	6	2	-0.3971852	+
8	-8	0	-0.5536221	+	8	-9	3	0.5074031	+
8	-7	0	-0.0949454	+	8	-8	3	0.4428977	+
8	-6	0	0.2552072	+	8	-7	3	0.2159316	+
8	-5	0	0.3768029	+	8	-6	3	-0.0412179	+
8	-4	0	0.2997815	+	8	-5	3	-0.2470266	+
8	-3	0	0.1059007	+	8	-4	3	-0.3581885	+
8	-2	0	-0.1132925	+	8	-3	3	-0.3619365	+
8	-1	0	-0.2794577	+	8	-2	3	-0.2691692	+
8	0	0	-0.3408471	+	8	-1	3	-0.1077853	+
8	1	0	-0.2794577	+	8	0	3	0.0839107	+
8	2	0	-0.1132925	+	8	1	3	0.2637744	+
8	3	0	0.1059007	+	8	2	3	0.3923635	+
8	4	0	0.2997815	+	8	3	3	0.4394397	+
8	5	0	0.3768029	+	8	4	3	0.3903169	+
8	6	0	0.2552072	+	8	5	3	0.2512020	+
8	7	0	-0.0949454	+	8	-9	4	0.3321733	+
8	8	0	-0.5536221	+	8	-8	4	0.4560118	+
8	-9	1	0.4288339	+	8	-7	4	0.4615438	+
8	-8	1	-0.3032313	+	8	-6	4	0.3720806	+
8	-7	1	-0.4177598	+	8	-5	4	0.2192143	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					9	-2	1	-0.2261656	-
					9	-1	1	-0.3354579	-
8	-4	4	0.0370540	+	9	0	1	-0.3354579	-
8	-3	4	-0.1424013	+	9	1	1	-0.2261656	-
8	-2	4	-0.2924864	+	9	2	1	-0.0368276	-
8	-1	4	-0.3940233	+	9	3	1	0.1774399	-
8	0	4	-0.4366182	+	9	4	1	0.3429124	-
8	1	4	-0.4192180	+	9	5	1	0.3797253	-
8	2	4	-0.3499532	+	9	6	1	0.2227125	-
8	3	4	-0.2451951	+	9	7	1	-0.1405804	-
8	4	4	-0.1273826	+	9	8	1	-0.5796278	-
8	-9	5	0.1456676	+	9	-9	2	-0.5260037	-
8	-8	5	0.2659515	+	9	-8	2	-0.4294802	-
8	-7	5	0.3705398	+	9	-7	2	-0.1711593	-
8	-6	5	0.4474694	+	9	-6	2	0.0984260	-
8	-5	5	0.4901781	+	9	-5	2	0.2917794	-
8	-4	5	0.4971314	+	9	-4	2	0.3688020	-
8	-3	5	0.4709479	+	9	-3	2	0.3264420	-
8	-2	5	0.4174507	+	9	-2	2	0.1892237	-
8	-1	5	0.3446986	+	9	-1	2	0.0000000	-
8	0	5	0.2620112	+	9	0	2	-0.1892237	-
8	1	5	0.1789877	+	9	1	2	-0.3264420	-
8	2	5	0.1045063	+	9	2	2	-0.3688020	-
8	3	5	0.0456103	+	9	3	2	-0.2917794	-
9	-9	0	-0.4489778	-	9	4	2	-0.0984260	-
9	-8	0	0.2993185	-	9	5	2	0.1711593	-
9	-7	0	0.4313708	-	9	6	2	0.4294802	-
9	-6	0	0.2553011	-	9	7	2	0.5260037	-
9	-5	0	-0.0132052	-	9	-9	3	-0.3719407	-
9	-4	0	-0.2376941	-	9	-8	3	-0.4753475	-
9	-3	0	-0.3477377	-	9	-7	3	-0.4315055	-
9	-2	0	-0.3257290	-	9	-6	3	-0.2839039	-
9	-1	0	-0.1936767	-	9	-5	3	-0.0839799	-
9	0	0	0.0000000	-	9	-4	3	0.1177003	-
9	1	0	0.1936767	-	9	-3	3	0.2781470	-
9	2	0	0.3257290	-	9	-2	3	0.3664302	-
9	3	0	0.3477377	-	9	-1	3	0.3664302	-
9	4	0	0.2376941	-	9	0	3	0.2781470	-
9	5	0	0.0132052	-	9	1	3	0.1177003	-
9	6	0	-0.2553011	-	9	2	3	-0.0839799	-
9	7	0	-0.4313708	-	9	3	3	-0.2839039	-
9	8	0	-0.2993185	-	9	4	3	-0.4315055	-
9	9	0	0.4489778	-	9	5	3	-0.4753475	-
9	-9	1	-0.5796278	-	9	6	3	-0.3719407	-
9	-8	1	-0.1405804	-	9	-9	4	-0.2037203	-
9	-7	1	0.2227125	-	9	-8	4	-0.3443502	-
9	-6	1	0.3797253	-	9	-7	4	-0.4346373	-
9	-5	1	0.3429124	-	9	-6	4	-0.4599769	-
9	-4	1	0.1774399	-	9	-5	4	-0.4177947	-
9	-3	1	-0.0368276	-	9	-4	4	-0.3158231	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					10	-3	1	-0.3424437	+
					10	-2	1	-0.2168853	+
9	-3	4	-0.1696242	-	10	-1	1	-0.0344172	+
9	-2	4	0.0000000	-	10	0	1	0.1556579	+
9	-1	4	0.1696242	-	10	1	1	0.3031372	+
9	0	4	0.3158231	-	10	2	1	0.3655888	+
9	1	4	0.4177947	-	10	3	1	0.3170172	+
9	2	4	0.4599769	-	10	4	1	0.1565248	+
9	3	4	0.4346373	-	10	5	1	-0.0830274	+
9	4	4	0.3443502	-	10	6	1	-0.3263607	+
9	5	4	0.2037203	-	10	7	1	-0.4471206	+
9	-9	5	-0.0769991	-	10	8	1	-0.2592174	+
9	-8	5	-0.1602863	-	10	9	1	0.4918305	+
9	-7	5	-0.2519397	-	10	-9	2	0.3854003	+
9	-6	5	-0.3411280	-	10	-8	2	0.4847011	+
9	-5	5	-0.4177947	-	10	-7	2	0.4292009	+
9	-4	5	-0.4737347	-	10	-6	2	0.2684018	+
9	-3	5	-0.5031868	-	10	-5	2	0.0591419	+
9	-2	5	-0.5031868	-	10	-4	2	-0.1441759	+
9	-1	5	-0.4737347	-	10	-3	2	-0.2968897	+
9	0	5	-0.4177947	-	10	-2	2	-0.3688650	+
9	1	5	-0.3411280	-	10	-1	2	-0.3472872	+
9	2	5	-0.2519397	-	10	0	2	-0.2377713	+
9	3	5	-0.1602863	-	10	1	2	-0.0638991	+
9	4	5	-0.0769991	-	10	2	2	0.1348642	+
10	-9	0	0.6023669	+	10	3	2	0.3071149	+
10	-8	0	0.1842566	+	10	4	2	0.3958530	+
10	-7	0	-0.1870578	+	10	5	2	0.3483544	+
10	-6	0	-0.3739325	+	10	6	2	0.1321912	+
10	-5	0	-0.3746787	+	10	7	2	-0.2352360	+
10	-4	0	-0.2400659	+	10	8	2	-0.6134204	+
10	-3	0	-0.0387727	+	10	-9	3	0.2289619	+
10	-2	0	0.1615070	+	10	-8	3	0.3740879	+
10	-1	0	0.3055550	+	10	-7	3	0.4515664	+
10	0	0	0.3576745	+	10	-6	3	0.4488551	+
10	1	0	0.3055550	+	10	-5	3	0.3693407	+
10	2	0	0.1615070	+	10	-4	3	0.2293824	+
10	3	0	-0.0387727	+	10	-3	3	0.0544803	+
10	4	0	-0.2400659	+	10	-2	3	-0.1246883	+
10	5	0	-0.3746787	+	10	-1	3	-0.2762653	+
10	6	0	-0.3739325	+	10	0	3	-0.3712204	+
10	7	0	-0.1870578	+	10	1	3	-0.3873678	+
10	8	0	0.1842566	+	10	2	3	-0.3133960	+
10	9	0	0.6023669	+	10	3	3	-0.1529216	+
10	-9	1	0.5352170	+	10	4	3	0.0713914	+
10	-8	1	0.4463444	+	10	5	3	0.3135190	+
10	-7	1	0.1913673	+	10	6	3	0.4990109	+
10	-6	1	-0.0807535	+	10	7	3	0.5153762	+
10	-5	1	-0.2822558	+	10	-9	4	0.1086062	+
10	-4	1	-0.3713742	+	10	-8	4	0.2158673	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					9/2	1/2	1	0.3089940 +	
					9/2	3/2	1	0.2236334 +	
10	-7	4	0.3206776 +		9/2	5/2	1	0.1369469 +	
10	-6	4	0.4045925 +		9/2	7/2	1	0.0622091 +	
10	-5	4	0.4523482 +		9/2	-13/2	2	-0.2488363 +	
10	-4	4	0.4536388 +		9/2	-11/2	2	-0.3732545 +	
10	-3	4	0.4040364 +		9/2	-9/2	2	-0.4309971 +	
10	-2	4	0.3054228 +		9/2	-7/2	2	-0.4309971 +	
10	-1	4	0.1660148 +		9/2	-5/2	2	-0.3873444 +	
10	0	4	0.0000000 +		9/2	-3/2	2	-0.3162654 +	
10	1	4	-0.1732362 +		9/2	-1/2	2	-0.2335775 +	
10	2	4	-0.3303484 +		9/2	1/2	2	-0.1529124 +	
10	3	4	-0.4458392 +		9/2	3/2	2	-0.0845255 +	
10	4	4	-0.4946142 +		9/2	5/2	2	-0.0345074 +	
10	5	4	-0.4555325 +		9/2	-15/2	3	0.3627381 +	
10	6	4	-0.3156022 +		9/2	-13/2	3	0.4571415 +	
10	-9	5	0.0362021 +		9/2	-11/2	3	0.4571415 +	
10	-8	5	0.0844715 +		9/2	-9/2	3	0.4031609 +	
10	-7	5	0.1477363 +		9/2	-7/2	3	0.3232478 +	
10	-6	5	0.2216044 +		9/2	-5/2	3	0.2371991 +	
10	-5	5	0.3000538 +		9/2	-3/2	3	0.1581327 +	
10	-4	5	0.3761374 +		9/2	-1/2	3	0.0936393 +	
10	-3	5	0.4425997 +		9/2	1/2	3	0.0468197 +	
10	-2	5	0.4924794 +		9/2	3/2	3	0.0172537 +	
10	-1	5	0.5197085 +		9/2	-17/2	4	-0.5129892 +	
10	0	5	0.5197085 +		9/2	-15/2	4	-0.5129892 +	
10	1	5	0.4899859 +		9/2	-13/2	4	-0.4309971 +	
10	2	5	0.4307216 +		9/2	-11/2	4	-0.3291795 +	
10	3	5	0.3453456 +		9/2	-9/2	4	-0.2327650 +	
10	4	5	0.2410452 +		9/2	-7/2	4	-0.1523805 +	
10	5	5	0.1288441 +		9/2	-5/2	4	-0.0912980 +	
J1 = 19/2					9/2	-3/2	4	-0.0488008 +	
					9/2	-1/2	4	-0.0220710 +	
					9/2	1/2	4	-0.0073570 +	
9/2	-9/2	0	-0.1040957 +		9/2	-19/2	5	0.7071068 +	
9/2	-7/2	0	-0.2044399 +		9/2	-17/2	5	0.4866643 +	
9/2	-5/2	0	-0.3000357 +		9/2	-15/2	5	0.3244428 +	
9/2	-3/2	0	-0.3742103 +		9/2	-13/2	5	0.2081914 +	
9/2	-1/2	0	-0.4145589 +		9/2	-11/2	5	0.1274907 +	
9/2	1/2	0	-0.4145589 +		9/2	-9/2	5	0.0736068 +	
9/2	3/2	0	-0.3742103 +		9/2	-7/2	5	0.0393445 +	
9/2	5/2	0	-0.3000357 +		9/2	-5/2	5	0.0189005 +	
9/2	7/2	0	-0.2044399 +		9/2	-3/2	5	0.0077161 +	
9/2	9/2	0	-0.1040957 +		9/2	-1/2	5	0.0023265 +	
9/2	-11/2	1	0.1645897 +		11/2	-11/2	0	-0.2260168 -	
9/2	-9/2	1	0.2850778 +		11/2	-9/2	0	-0.3541003 -	
9/2	-7/2	1	0.3732545 +		11/2	-7/2	0	-0.4031609 -	
9/2	-5/2	1	0.4183798 +		11/2	-5/2	0	-0.3660061 -	
9/2	-3/2	1	0.4183798 +		11/2	-3/2	0	-0.2535765 -	
9/2	-1/2	1	0.3784388 +		11/2	-1/2	0	-0.0904642 -	

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					11/2	-7/2	4	0.3258711	-
					11/2	-5/2	4	0.2433409	-
11/2	1/2	0	0.0904642	-	11/2	-3/2	4	0.1643053	-
11/2	3/2	0	0.2535765	-	11/2	-1/2	4	0.0982412	-
11/2	5/2	0	0.3660061	-	11/2	1/2	4	0.0494962	-
11/2	7/2	0	0.4031609	-	11/2	3/2	4	0.0183525	-
11/2	9/2	0	0.3541003	-	11/2	-19/2	5	-0.5345225	-
11/2	11/2	0	0.2260168	-	11/2	-17/2	5	-0.5484085	-
11/2	-13/2	1	0.3301187	-	11/2	-15/2	5	-0.4749357	-
11/2	-11/2	1	0.4230217	-	11/2	-13/2	5	-0.3762051	-
11/2	-9/2	1	0.3854955	-	11/2	-11/2	5	-0.2782074	-
11/2	-7/2	1	0.2549813	-	11/2	-9/2	5	-0.1927478	-
11/2	-5/2	1	0.0756019	-	11/2	-7/2	5	-0.1244182	-
11/2	-3/2	1	-0.1095576	-	11/2	-5/2	5	-0.0737799	-
11/2	-1/2	1	-0.2642628	-	11/2	-3/2	5	-0.0391277	-
11/2	1/2	1	-0.3629321	-	11/2	-1/2	5	-0.0175866	-
11/2	3/2	1	-0.3928390	-	11/2	1/2	5	-0.0058328	-
11/2	5/2	1	-0.3549400	-	13/2	-13/2	0	-0.3695919	+
11/2	7/2	1	-0.2633436	-	13/2	-11/2	0	-0.4356520	+
11/2	9/2	1	-0.1429456	-	13/2	-9/2	0	-0.3442940	+
11/2	-15/2	2	-0.4455292	-	13/2	-7/2	0	-0.1590088	+
11/2	-13/2	2	-0.4326359	-	13/2	-5/2	0	0.0527109	+
11/2	-11/2	2	-0.2733966	-	13/2	-3/2	0	0.2309676	+
11/2	-9/2	2	-0.0630915	-	13/2	-1/2	0	0.3317020	+
11/2	-7/2	2	0.1362933	-	13/2	1/2	0	0.3317020	+
11/2	-5/2	2	0.2873867	-	13/2	3/2	0	0.2309676	+
11/2	-3/2	2	0.3726798	-	13/2	5/2	0	0.0527109	+
11/2	-1/2	2	0.3904224	-	13/2	7/2	0	-0.1590088	+
11/2	1/2	2	0.3506839	-	13/2	9/2	0	-0.3442940	+
11/2	3/2	2	0.2714609	-	13/2	11/2	0	-0.4356520	+
11/2	5/2	2	0.1747704	-	13/2	13/2	0	-0.3695919	+
11/2	7/2	2	0.0825297	-	13/2	-15/2	1	0.4818889	+
11/2	-17/2	3	0.5456596	-	13/2	-13/2	1	0.3930153	+
11/2	-15/2	3	0.3290451	-	13/2	-11/2	1	0.1547175	+
11/2	-13/2	3	0.0515140	-	13/2	-9/2	1	-0.0950259	+
11/2	-11/2	3	-0.1784498	-	13/2	-7/2	1	-0.2754113	+
11/2	-9/2	3	-0.3278331	-	13/2	-5/2	1	-0.3486100	+
11/2	-7/2	3	-0.3950154	-	13/2	-3/2	1	-0.3104131	+
11/2	-5/2	3	-0.3933842	-	13/2	-1/2	1	-0.1816807	+
11/2	-3/2	3	-0.3428980	-	13/2	1/2	1	0.0000000	+
11/2	-1/2	3	-0.2650096	-	13/2	3/2	1	0.1885843	+
11/2	1/2	3	-0.1793832	-	13/2	5/2	1	0.3378025	+
11/2	3/2	3	-0.1017320	-	13/2	7/2	1	0.4093441	+
11/2	5/2	3	-0.0423833	-	13/2	9/2	1	0.3808804	+
11/2	-19/2	4	-0.5606119	-	13/2	11/2	1	0.2530423	+
11/2	-17/2	4	-0.0387783	-	13/2	-17/2	2	-0.5464106	+
11/2	-15/2	4	0.2601330	-	13/2	-15/2	2	-0.2020627	+
11/2	-13/2	4	0.3995796	-	13/2	-13/2	2	0.1299505	+
11/2	-11/2	4	0.4312536	-	13/2	-11/2	2	0.3234872	+
11/2	-9/2	4	0.3961893	-	13/2	-9/2	2	0.3634487	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					15/2	-15/2	0	-0.5024039	-
					15/2	-13/2	0	-0.3814535	-
13/2	-7/2	2	0.2793181	+	15/2	-11/2	0	-0.1132810	-
13/2	-5/2	2	0.1183357	+	15/2	-9/2	0	0.1456676	-
13/2	-3/2	2	-0.0690148	+	15/2	-7/2	0	0.3098316	-
13/2	-1/2	2	-0.2378758	+	15/2	-5/2	0	0.3466207	-
13/2	1/2	2	-0.3546043	+	15/2	-3/2	0	0.2638098	-
13/2	3/2	2	-0.4000873	+	15/2	-1/2	0	0.0978136	-
13/2	5/2	2	-0.3712304	+	15/2	1/2	0	-0.0978136	-
13/2	7/2	2	-0.2807252	+	15/2	3/2	0	-0.2638098	-
13/2	9/2	2	-0.1546114	+	15/2	5/2	0	-0.3466207	-
13/2	-19/2	3	0.4861724	+	15/2	7/2	0	-0.3098316	-
13/2	-17/2	3	-0.1546721	+	15/2	9/2	0	-0.1456676	-
13/2	-15/2	3	-0.3914965	+	15/2	11/2	0	0.1132810	-
13/2	-13/2	3	-0.3758719	+	15/2	13/2	0	0.3814535	-
13/2	-11/2	3	-0.2248724	+	15/2	15/2	0	0.5024039	-
13/2	-9/2	3	-0.0248836	+	15/2	-17/2	1	0.5503559	-
13/2	-7/2	3	0.1645897	+	15/2	-15/2	1	0.1421013	-
13/2	-5/2	3	0.3071157	+	15/2	-13/2	1	-0.2030615	-
13/2	-3/2	3	0.3855264	+	15/2	-11/2	1	-0.3594810	-
13/2	-1/2	3	0.3981082	+	15/2	-9/2	1	-0.3341909	-
13/2	1/2	3	0.3547890	+	15/2	-7/2	1	-0.1841769	-
13/2	3/2	3	0.2733169	+	15/2	-5/2	1	0.0182785	-
13/2	5/2	3	0.1754034	+	15/2	-3/2	1	0.2046095	-
13/2	7/2	3	0.0826433	+	15/2	-1/2	1	0.3214482	-
13/2	-19/2	4	0.5720776	+	15/2	1/2	1	0.3374889	-
13/2	-17/2	4	0.3750598	+	15/2	3/2	1	0.2469707	-
13/2	-15/2	4	0.1025978	+	15/2	5/2	1	0.0702905	-
13/2	-13/2	4	-0.1362933	+	15/2	7/2	1	-0.1481609	-
13/2	-11/2	4	-0.3047610	+	15/2	9/2	1	-0.3451997	-
13/2	-9/2	4	-0.3961893	+	15/2	11/2	1	-0.4477086	-
13/2	-7/2	4	-0.4189771	+	15/2	13/2	1	-0.3853262	-
13/2	-5/2	4	-0.3888172	+	15/2	-19/2	2	-0.4533581	-
13/2	-3/2	4	-0.3240756	+	15/2	-17/2	2	0.2416916	-
13/2	-1/2	4	-0.2427810	+	15/2	-15/2	2	0.4161538	-
13/2	1/2	4	-0.1605984	+	15/2	-13/2	2	0.3038322	-
13/2	3/2	4	-0.0894776	+	15/2	-11/2	2	0.0762771	-
13/2	5/2	4	-0.0367556	+	15/2	-9/2	2	-0.1493747	-
13/2	-19/2	5	0.3692745	+	15/2	-7/2	2	-0.3025593	-
13/2	-17/2	5	0.4866643	+	15/2	-5/2	2	-0.3514454	-
13/2	-15/2	5	0.5129892	+	15/2	-3/2	2	-0.2950945	-
13/2	-13/2	5	0.4818694	+	15/2	-1/2	2	-0.1556218	-
13/2	-11/2	5	0.4173112	+	15/2	1/2	2	0.0296420	-
13/2	-9/2	5	0.3373086	+	15/2	3/2	2	0.2159840	-
13/2	-7/2	5	0.2549813	+	15/2	5/2	2	0.3591327	-
13/2	-5/2	5	0.1793056	+	15/2	7/2	2	0.4230449	-
13/2	-3/2	5	0.1157413	+	15/2	9/2	2	0.3875355	-
13/2	-1/2	5	0.0668233	+	15/2	11/2	2	0.2548693	-
13/2	1/2	5	0.0327366	+	15/2	-19/2	3	-0.5734577	-
13/2	3/2	5	0.0118628	+	15/2	-17/2	3	-0.2486255	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					17/2	-1/2	0	-0.3265107	+
					17/2	1/2	0	-0.3265107	+
15/2	-15/2	3	0.0875863	-	17/2	3/2	0	-0.2201335	+
15/2	-13/2	3	0.3051237	-	17/2	5/2	0	-0.0358454	+
15/2	-11/2	3	0.3795299	-	17/2	7/2	0	0.1727073	+
15/2	-9/2	3	0.3298545	-	17/2	9/2	0	0.3337664	+
15/2	-7/2	3	0.1941395	-	17/2	11/2	0	0.3695974	+
15/2	-5/2	3	0.0162811	-	17/2	13/2	0	0.2167725	+
15/2	-3/2	3	-0.1620385	-	17/2	15/2	0	-0.1368309	+
15/2	-1/2	3	-0.3065661	-	17/2	17/2	0	-0.5641683	+
15/2	1/2	3	-0.3937927	-	17/2	-19/2	1	0.4489778	+
15/2	3/2	3	-0.4128180	-	17/2	-17/2	1	-0.2747997	+
15/2	5/2	3	-0.3659553	-	17/2	-15/2	1	-0.4239550	+
15/2	7/2	3	-0.2680719	-	17/2	-13/2	1	-0.2743406	+
15/2	9/2	3	-0.1441759	-	17/2	-11/2	1	-0.0227649	+
15/2	-19/2	4	-0.4597891	-	17/2	-9/2	1	0.2022963	+
15/2	-17/2	4	-0.4898324	-	17/2	-7/2	1	0.3299870	+
15/2	-15/2	4	-0.3705719	-	17/2	-5/2	1	0.3363595	+
15/2	-13/2	4	-0.1822878	-	17/2	-3/2	1	0.2336597	+
15/2	-11/2	4	0.0196110	-	17/2	-1/2	1	0.0596124	+
15/2	-9/2	4	0.1977120	-	17/2	1/2	1	-0.1332974	+
15/2	-7/2	4	0.3294656	-	17/2	3/2	1	-0.2885497	+
15/2	-5/2	4	0.4046710	-	17/2	5/2	1	-0.3563266	+
15/2	-3/2	4	0.4231207	-	17/2	7/2	1	-0.3042798	+
15/2	-1/2	4	0.3922964	-	17/2	9/2	1	-0.1283731	+
15/2	1/2	4	0.3250832	-	17/2	11/2	1	0.1360461	+
15/2	3/2	4	0.2374859	-	17/2	13/2	1	0.4022873	+
15/2	5/2	4	0.1463214	-	17/2	15/2	1	0.5150128	+
15/2	7/2	4	0.0667405	-	17/2	-19/2	2	0.5762081	+
15/2	-19/2	5	-0.2328232	-	17/2	-17/2	2	0.1869466	+
15/2	-17/2	5	-0.3700583	-	17/2	-15/2	2	-0.1672101	+
15/2	-15/2	5	-0.4574043	-	17/2	-13/2	2	-0.3535590	+
15/2	-13/2	5	-0.4961246	-	17/2	-11/2	2	-0.3657701	+
15/2	-11/2	5	-0.4922334	-	17/2	-9/2	2	-0.2471586	+
15/2	-9/2	5	-0.4547057	-	17/2	-7/2	2	-0.0591591	+
15/2	-7/2	5	-0.3937867	-	17/2	-5/2	2	0.1358976	+
15/2	-5/2	5	-0.3197540	-	17/2	-3/2	2	0.2853256	+
15/2	-3/2	5	-0.2420258	-	17/2	-1/2	2	0.3526719	+
15/2	-1/2	5	-0.1685252	-	17/2	1/2	2	0.3215255	+
15/2	1/2	5	-0.1052439	-	17/2	3/2	2	0.1970797	+
15/2	3/2	5	-0.0559704	-	17/2	5/2	2	0.0056406	+
15/2	5/2	5	-0.0221242	-	17/2	7/2	2	-0.2079679	+
17/2	-17/2	0	-0.5641683	+	17/2	9/2	2	-0.3854003	+
17/2	-15/2	0	-0.1368309	+	17/2	11/2	2	-0.4627618	+
17/2	-13/2	0	0.2167725	+	17/2	13/2	2	-0.3816032	+
17/2	-11/2	0	0.3695974	+	17/2	-19/2	3	0.4990109	+
17/2	-9/2	0	0.3337664	+	17/2	-17/2	3	0.4607769	+
17/2	-7/2	0	0.1727073	+	17/2	-15/2	3	0.2599787	+
17/2	-5/2	0	-0.0358454	+	17/2	-13/2	3	0.0154474	+
17/2	-3/2	0	-0.2201335	+	17/2	-11/2	3	-0.1966135	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					19/2	-3/2	0	-0.2597414	-
					19/2	-1/2	0	-0.0955925	-
17/2	-9/2	3	-0.3320296	+	19/2	1/2	0	0.0955925	-
17/2	-7/2	3	-0.3726318	+	19/2	3/2	0	0.2597414	-
17/2	-5/2	3	-0.3209913	+	19/2	5/2	0	0.3478506	-
17/2	-3/2	3	-0.1953491	+	19/2	7/2	0	0.3261251	-
17/2	-1/2	3	-0.0246117	+	19/2	9/2	0	0.1861158	-
17/2	1/2	3	0.1566277	+	19/2	11/2	0	-0.0451409	-
17/2	3/2	3	0.3130532	+	19/2	13/2	0	-0.2949851	-
17/2	5/2	3	0.4135755	+	19/2	15/2	0	-0.4349944	-
17/2	7/2	3	0.4362461	+	19/2	17/2	0	-0.2708455	-
17/2	9/2	3	0.3730331	+	19/2	19/2	0	0.4678241	-
17/2	11/2	3	0.2336833	+	19/2	-19/2	1	-0.5878499	-
17/2	-19/2	4	0.3156022	+	19/2	-17/2	1	-0.1798160	-
17/2	-17/2	4	0.4450687	+	19/2	-15/2	1	0.1825498	-
17/2	-15/2	4	0.4680337	+	19/2	-13/2	1	0.3649207	-
17/2	-13/2	4	0.4016328	+	19/2	-11/2	1	0.3656490	-
17/2	-11/2	4	0.2711010	+	19/2	-9/2	1	0.2342803	-
17/2	-9/2	4	0.1049970	+	19/2	-7/2	1	0.0378383	-
17/2	-7/2	4	-0.0687367	+	19/2	-5/2	1	-0.1576147	-
17/2	-5/2	4	-0.2255697	+	19/2	-3/2	1	-0.2981911	-
17/2	-3/2	4	-0.3463169	+	19/2	-1/2	1	-0.3490546	-
17/2	-1/2	4	-0.4183984	+	19/2	1/2	1	-0.2981911	-
17/2	1/2	4	-0.4365364	+	19/2	3/2	1	-0.1576147	-
17/2	3/2	4	-0.4029377	+	19/2	5/2	1	0.0378383	-
17/2	5/2	4	-0.3269601	+	19/2	7/2	1	0.2342803	-
17/2	7/2	4	-0.2241820	+	19/2	9/2	1	0.3656490	-
17/2	9/2	4	-0.1144809	+	19/2	11/2	1	0.3649207	-
17/2	-19/2	5	0.1333663	+	19/2	13/2	1	0.1825498	-
17/2	-17/2	5	0.2466754	+	19/2	15/2	1	-0.1798160	-
17/2	-15/2	5	0.3488517	+	19/2	17/2	1	-0.5878499	-
17/2	-13/2	5	0.4286483	+	19/2	-19/2	2	-0.5184349	-
17/2	-11/2	5	0.4792434	+	19/2	-17/2	2	-0.4496722	-
17/2	-9/2	5	0.4980444	+	19/2	-15/2	2	-0.2165089	-
17/2	-7/2	5	0.4860415	+	19/2	-13/2	2	0.0444325	-
17/2	-5/2	5	0.4470932	+	19/2	-11/2	2	0.2498914	-
17/2	-3/2	5	0.3871941	+	19/2	-9/2	2	0.3568171	-
17/2	-1/2	5	0.3137385	+	19/2	-7/2	2	0.3542068	-
17/2	1/2	5	0.2347804	+	19/2	-5/2	2	0.2557720	-
17/2	3/2	5	0.1582889	+	19/2	-3/2	2	0.0928164	-
17/2	5/2	5	0.0913881	+	19/2	-1/2	2	-0.0928164	-
17/2	7/2	5	0.0394997	+	19/2	1/2	2	-0.2557720	-
19/2	-19/2	0	-0.4678241	-	19/2	3/2	2	-0.3542068	-
19/2	-17/2	0	0.2708455	-	19/2	5/2	2	-0.3568171	-
19/2	-15/2	0	0.4349944	-	19/2	7/2	2	-0.2498914	-
19/2	-13/2	0	0.2949851	-	19/2	9/2	2	-0.0444325	-
19/2	-11/2	0	0.0451409	-	19/2	11/2	2	0.2165089	-
19/2	-9/2	0	-0.1861158	-	19/2	13/2	2	0.4496722	-
19/2	-7/2	0	-0.3261251	-	19/2	15/2	2	0.5184349	-
19/2	-5/2	0	-0.3478506	-	19/2	-19/2	3	-0.3556434	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					J1 = 10				
19/2	-17/2	3	-0.4691436	-	5	-5	0	-0.0922710	+
19/2	-15/2	3	-0.4475081	-	5	-4	0	-0.1845419	+
19/2	-13/2	3	-0.3249453	-	5	-3	0	-0.2768129	+
19/2	-11/2	3	-0.1441759	-	5	-2	0	-0.3546043	+
19/2	-9/2	3	0.0509739	-	5	-1	0	-0.4062503	+
19/2	-7/2	3	0.2213531	-	5	0	0	-0.4243146	+
19/2	-5/2	3	0.3364595	-	5	1	0	-0.4062503	+
19/2	-3/2	3	0.3770221	-	5	2	0	-0.3546043	+
19/2	-1/2	3	0.3364595	-	5	3	0	-0.2768129	+
19/2	1/2	3	0.2213531	-	5	4	0	-0.1845419	+
19/2	3/2	3	0.0509739	-	5	5	0	-0.0922710	+
19/2	5/2	3	-0.1441759	-	5	-6	1	0.1506779	+
19/2	7/2	3	-0.3249453	-	5	-5	1	0.2663633	+
19/2	9/2	3	-0.4475081	-	5	-4	1	0.3573639	+
19/2	11/2	3	-0.4691436	-	5	-3	1	0.4126483	+
19/2	13/2	3	-0.3556434	-	5	-2	1	0.4282254	+
19/2	-19/2	4	-0.1886084	-	5	-1	1	0.4062503	+
19/2	-17/2	4	-0.3247633	-	5	0	1	0.3535955	+
19/2	-15/2	4	-0.4197635	-	5	1	1	0.2803393	+
19/2	-13/2	4	-0.4587648	-	5	2	1	0.1982298	+
19/2	-11/2	4	-0.4370099	-	5	3	1	0.1191213	+
19/2	-9/2	4	-0.3586329	-	5	4	1	0.0532727	+
19/2	-7/2	4	-0.2347804	-	5	-7	2	-0.2348145	+
19/2	-5/2	4	-0.0816277	-	5	-6	2	-0.3601890	+
19/2	-3/2	4	0.0816277	-	5	-5	2	-0.4271316	+
19/2	-1/2	4	0.2347804	-	5	-4	2	-0.4411396	+
19/2	1/2	4	0.3586329	-	5	-3	2	-0.4126483	+
19/2	3/2	4	0.4370099	-	5	-2	2	-0.3546043	+
19/2	5/2	4	0.4587648	-	5	-1	2	-0.2803393	+
19/2	7/2	4	0.4197635	-	5	0	2	-0.2020546	+
19/2	9/2	4	0.3247633	-	5	1	2	-0.1297719	+
19/2	11/2	4	0.1886084	-	5	2	2	-0.0706389	+
19/2	-19/2	5	-0.0688700	-	5	3	2	-0.0284754	+
19/2	-17/2	5	-0.1448082	-	5	-8	3	0.3522217	+
19/2	-15/2	5	-0.2302304	-	5	-7	3	0.4547163	+
19/2	-13/2	5	-0.3158735	-	5	-6	3	0.4678992	+
19/2	-11/2	5	-0.3928627	-	5	-5	3	0.4271316	+
19/2	-9/2	5	-0.4536388	-	5	-4	3	0.3573639	+
19/2	-7/2	5	-0.4924794	-	5	-3	3	0.2768129	+
19/2	-5/2	5	-0.5058282	-	5	-2	3	0.1982298	+
19/2	-3/2	5	-0.4924794	-	5	-1	3	0.1297719	+
19/2	-1/2	5	-0.4536388	-	5	0	3	0.0757705	+
19/2	1/2	5	-0.3928627	-	5	1	3	0.0374619	+
19/2	3/2	5	-0.3158735	-	5	2	3	0.0136792	+
19/2	5/2	5	-0.2302304	-	5	-9	4	-0.5117663	+
19/2	7/2	5	-0.1448082	-	5	-8	4	-0.5250612	+
19/2	9/2	5	-0.0688700	-	5	-7	4	-0.4547163	+
					5	-6	4	-0.3601890	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					6	-4	2	0.0758266	-
					6	-3	2	0.2373747	-
5	-5	4	-0.2663633	+	6	-2	2	0.3447977	-
5	-4	4	-0.1845419	+	6	-1	2	0.3916420	-
5	-3	4	-0.1191213	+	6	0	2	0.3820381	-
5	-2	4	-0.0706389	+	6	1	2	0.3278331	-
5	-1	4	-0.0374619	+	6	2	2	0.2457362	-
5	0	4	-0.0168379	+	6	3	2	0.1544423	-
5	1	4	-0.0055845	+	6	4	2	0.0715712	-
5	-10	5	0.7237469	+	6	-9	3	0.5512677	-
5	-9	5	0.5117663	+	6	-8	3	0.3614167	-
5	-8	5	0.3522217	+	6	-7	3	0.0988657	-
5	-7	5	0.2348145	+	6	-6	3	-0.1313355	-
5	-6	5	0.1506779	+	6	-5	3	-0.2936750	-
5	-5	5	0.0922710	+	6	-4	3	-0.3817775	-
5	-4	5	0.0532727	+	6	-3	3	-0.4037364	-
5	-3	5	0.0284754	+	6	-2	3	-0.3746737	-
5	-2	5	0.0136792	+	6	-1	3	-0.3122871	-
5	-1	5	0.0055845	+	6	0	3	-0.2339496	-
5	0	5	0.0016838	+	6	1	3	-0.1547565	-
6	-6	0	-0.2095389	-	6	2	3	-0.0862227	-
6	-5	0	-0.3381420	-	6	3	3	-0.0354185	-
6	-4	0	-0.4012365	-	6	-10	4	-0.5810872	-
6	-3	0	-0.3884956	-	6	-9	4	-0.0750180	-
6	-2	0	-0.3047610	-	6	-8	4	0.2283207	-
6	-1	0	-0.1669245	-	6	-7	4	0.3829054	-
6	0	0	0.0000000	-	6	-6	4	0.4333849	-
6	1	0	0.1669245	-	6	-5	4	0.4158956	-
6	2	0	0.3047610	-	6	-4	4	0.3588768	-
6	3	0	0.3884956	-	6	-3	4	0.2838859	-
6	4	0	0.4012365	-	6	-2	4	0.2064135	-
6	5	0	0.3381420	-	6	-1	4	0.1366983	-
6	6	0	0.2095389	-	6	0	4	0.0805407	-
6	-7	1	0.3154703	-	6	1	4	0.0401120	-
6	-6	1	0.4196595	-	6	2	4	0.0147350	-
6	-5	1	0.4053945	-	6	-10	5	-0.5304576	-
6	-4	1	0.3009274	-	6	-9	5	-0.5563486	-
6	-3	1	0.1418585	-	6	-8	5	-0.4943287	-
6	-2	1	-0.0351908	-	6	-7	5	-0.4036177	-
6	-1	1	-0.1975077	-	6	-6	5	-0.3095607	-
6	0	1	-0.3196360	-	6	-5	5	-0.2242980	-
6	1	1	-0.3854955	-	6	-4	5	-0.1532247	-
6	2	1	-0.3894904	-	6	-3	5	-0.0978917	-
6	3	1	-0.3366961	-	6	-2	5	-0.0575944	-
6	4	1	-0.2420807	-	6	-1	5	-0.0303549	-
6	5	1	-0.1283159	-	6	0	5	-0.0135751	-
6	-8	2	-0.4381032	-	6	1	5	-0.0044837	-
6	-7	2	-0.4474683	-	7	-7	0	-0.3552532	+
6	-6	2	-0.3132534	-	7	-6	0	-0.4375253	+
6	-5	2	-0.1198923	-	7	-5	0	-0.3736367	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					7	-4	3	0.0992249	+
					7	-3	3	0.2543206	+
	7	-4	0	-0.2139551	7	-2	3	0.3569006	+
	7	-3	0	-0.0149782	7	-1	3	0.4001382	+
	7	-2	0	0.1703222	7	0	3	0.3878501	+
	7	-1	0	0.2996213	7	1	3	0.3316449	+
	7	0	0	0.3458232	7	2	3	0.2480645	+
	7	1	0	0.2996213	7	3	3	0.1556953	+
	7	2	0	0.1703222	7	4	3	0.0720879	+
	7	3	0	-0.0149782	7	-10	4	0.5747363	+
	7	4	0	-0.2139551	7	-9	4	0.4032617	+
	7	5	0	-0.3736367	7	-8	4	0.1471898	+
	7	6	0	-0.4375253	7	-7	4	-0.0885760	+
	7	7	0	-0.3552532	7	-6	4	-0.2658364	+
	7	-8	1	0.4766222	7	-5	4	-0.3744118	+
	7	-7	1	0.4160300	7	-4	4	-0.4183984	+
	7	-6	1	0.2028324	7	-3	4	-0.4093028	+
	7	-5	1	-0.0387174	7	-2	4	-0.3619645	+
	7	-4	1	-0.2320410	7	-1	4	-0.2918941	+
	7	-3	1	-0.3364595	7	0	4	-0.2134554	+
	7	-2	1	-0.3399802	7	1	4	-0.1386148	+
	7	-1	1	-0.2528404	7	2	4	-0.0761085	+
	7	0	1	-0.1012467	7	3	4	-0.0308948	+
	7	1	1	0.0788204	7	-10	5	0.3564363	+
	7	2	1	0.2477729	7	-9	5	0.4782095	+
	7	3	1	0.3685613	7	-8	5	0.5145798	+
	7	4	1	0.4127817	7	-7	5	0.4951547	+
	7	5	1	0.3666389	7	-6	5	0.4412486	+
	7	6	1	0.2359631	7	-5	5	0.3691750	+
	7	-9	2	-0.5552480	7	-4	5	0.2912092	+
	7	-8	2	-0.2407306	7	-3	5	0.2161668	+
	7	-7	2	0.0848050	7	-2	5	0.1498847	+
	7	-6	2	0.2954347	7	-1	5	0.0956691	+
	7	-5	2	0.3674783	7	0	5	0.0547302	+
	7	-4	2	0.3193802	7	1	5	0.0266083	+
	7	-3	2	0.1879747	7	2	5	0.0095801	+
	7	-2	2	0.0157641	8	-8	0	-0.4975496	-
	7	-1	2	-0.1568931	8	-7	0	-0.4062476	-
	7	0	2	-0.2968313	8	-6	0	-0.1619005	-
	7	1	2	-0.3812882	8	-5	0	0.0931016	-
	7	2	2	-0.3997093	8	-4	0	0.2759957	-
	7	3	2	-0.3543347	8	-3	0	0.3488517	-
	7	4	2	-0.2595595	8	-2	0	0.3087832	-
	7	5	2	-0.1395977	8	-1	0	0.1789877	-
	7	-10	3	0.5068698	8	0	0	0.0000000	-
	7	-9	3	-0.1211651	8	1	0	-0.1789877	-
	7	-8	3	-0.3777679	8	2	0	-0.3087832	-
	7	-7	3	-0.3934262	8	3	0	-0.3488517	-
	7	-6	3	-0.2709000	8	4	0	-0.2759957	-
	7	-5	3	-0.0880679	8	5	0	-0.0931016	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					8	1	3	-0.4085660	-
					8	2	3	-0.4055117	-
8	6	0	0.1619005	-	8	3	3	-0.3466383	-
8	7	0	0.4062476	-	8	4	3	-0.2473071	-
8	8	0	0.4975496	-	8	5	3	-0.1303423	-
8	-9	1	0.5599736	-	8	-10	4	-0.4489778	-
8	-8	1	0.1816794	-	8	-9	4	-0.4957185	-
8	-7	1	-0.1624990	-	8	-8	4	-0.3986738	-
8	-6	1	-0.3435976	-	8	-7	4	-0.2292213	-
8	-5	1	-0.3554646	-	8	-6	4	-0.0376375	-
8	-4	1	-0.2401950	-	8	-5	4	0.1408268	-
8	-3	1	-0.0574923	-	8	-4	4	0.2834085	-
8	-2	1	0.1320688	-	8	-3	4	0.3778780	-
8	-1	1	0.2772866	-	8	-2	4	0.4207358	-
8	0	1	0.3427354	-	8	-1	4	0.4154581	-
8	1	1	0.3124666	-	8	0	4	0.3707603	-
8	2	1	0.1915271	-	8	1	4	0.2988681	-
8	3	1	0.0054817	-	8	2	4	0.2137854	-
8	4	1	-0.2021085	-	8	3	4	0.1295418	-
8	5	1	-0.3745418	-	8	4	4	0.0582908	-
8	6	1	-0.4497236	-	8	-10	5	-0.2190787	-
8	7	1	-0.3708516	-	8	-9	5	-0.3532538	-
8	-10	2	-0.4732641	-	8	-8	5	-0.4438852	-
8	-9	2	0.2116501	-	8	-7	5	-0.4907336	-
8	-8	2	0.4137234	-	8	-6	5	-0.4978979	-
8	-7	2	0.3364383	-	8	-5	5	-0.4723475	-
8	-6	2	0.1326002	-	8	-4	5	-0.4224804	-
8	-5	2	-0.0897150	-	8	-3	5	-0.3570611	-
8	-4	2	-0.2612129	-	8	-2	5	-0.2844447	-
8	-3	2	-0.3454326	-	8	-1	5	-0.2120126	-
8	-2	2	-0.3327990	-	8	0	5	-0.1457696	-
8	-1	2	-0.2346752	-	8	1	5	-0.0900731	-
8	0	2	-0.0774160	-	8	2	5	-0.0474727	-
8	1	2	0.1035780	-	8	3	5	-0.0186203	-
8	2	2	0.2698024	-	9	-9	0	-0.5729652	+
8	3	2	0.3855806	-	9	-8	0	-0.1752630	+
8	4	2	0.4239632	-	9	-7	0	0.1779275	+
8	5	2	0.3724841	-	9	-6	0	0.3556807	+
8	6	2	0.2379714	-	9	-5	0	0.3563905	+
8	-10	3	-0.5796278	-	9	-4	0	0.2283482	+
8	-9	3	-0.2839585	-	9	-3	0	0.0368802	+
8	-8	3	0.0426471	-	9	-2	0	-0.1536238	+
8	-7	3	0.2720243	-	9	-1	0	-0.2906408	+
8	-6	3	0.3734558	-	9	0	0	-0.3402164	+
8	-5	3	0.3570611	-	9	1	0	-0.2906408	+
8	-4	3	0.2519186	-	9	2	0	-0.1536238	+
8	-3	3	0.0944695	-	9	3	0	0.0368802	+
8	-2	3	-0.0786034	-	9	4	0	0.2283482	+
8	-1	3	-0.2350464	-	9	5	0	0.3563905	+
8	0	3	-0.3501272	-	9	6	0	0.3556807	+

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					9	-2	3	-0.2627807	+
					9	-1	3	-0.1186023	+
9	7	0	0.1779275	+	9	0	3	0.0518211	+
9	8	0	-0.1752630	+	9	1	3	0.2181862	+
9	9	0	-0.5729652	+	9	2	3	0.3513131	+
9	-10	1	0.4678241	+	9	3	3	0.4269464	+
9	-9	1	-0.2465650	+	9	4	3	0.4295253	+
9	-8	1	-0.4252965	+	9	5	3	0.3558286	+
9	-7	1	-0.3104310	+	9	6	3	0.2177862	+
9	-6	1	-0.0789748	+	9	-10	4	0.3001976	+
9	-5	1	0.1488848	+	9	-9	4	0.4332979	+
9	-4	1	0.3015435	+	9	-8	4	0.4704720	+
9	-3	1	0.3477443	+	9	-7	4	0.4240777	+
9	-2	1	0.2883409	+	9	-6	4	0.3142240	+
9	-1	1	0.1480602	+	9	-5	4	0.1647805	+
9	0	1	-0.0327373	+	9	-4	4	0.0000000	+
9	1	1	-0.2062991	+	9	-3	4	-0.1579116	+
9	2	1	-0.3257290	+	9	-2	4	-0.2905150	+
9	3	1	-0.3532473	+	9	-1	4	-0.3843152	+
9	4	1	-0.2684788	+	9	0	4	-0.4314965	+
9	5	1	-0.0768119	+	9	1	4	-0.4302689	+
9	6	1	0.1820266	+	9	2	4	-0.3848442	+
9	7	1	0.4245582	+	9	3	4	-0.3050252	+
9	8	1	0.5090929	+	9	4	4	-0.2053308	+
9	-10	2	0.5834792	+	9	5	4	-0.1033051	+
9	-9	2	0.2237541	+	9	-10	5	0.1225551	+
9	-8	2	-0.1257389	+	9	-9	5	0.2292797	+
9	-7	2	-0.3313512	+	9	-8	5	0.3284892	+
9	-6	2	-0.3765313	+	9	-7	5	0.4096980	+
9	-5	2	-0.2921245	+	9	-6	5	0.4660695	+
9	-4	2	-0.1282814	+	9	-5	5	0.4943414	+
9	-3	2	0.0607802	+	9	-4	5	0.4943414	+
9	-2	2	0.2261656	+	9	-3	5	0.4684414	+
9	-1	2	0.3303361	+	9	-2	5	0.4209963	+
9	0	2	0.3508606	+	9	-1	5	0.3577780	+
9	1	2	0.2823985	+	9	0	5	0.2854081	+
9	2	2	0.1371386	+	9	1	5	0.2107879	+
9	3	2	-0.0562551	+	9	2	5	0.1405252	+
9	4	2	-0.2553011	+	9	3	5	0.0803484	+
9	5	2	-0.4082515	+	9	4	5	0.0344350	+
9	6	2	-0.4610427	+	10	-10	0	-0.4854840	-
9	7	2	-0.3665888	+	10	-9	0	0.2427420	-
9	-10	3	0.4902206	+	10	-8	0	0.4343804	-
9	-9	3	0.4746540	+	10	-7	0	0.3279146	-
9	-8	3	0.2982160	+	10	-6	0	0.0987001	-
9	-7	3	0.0679068	+	10	-5	0	-0.1331449	-
9	-6	3	-0.1454575	+	10	-4	0	-0.2948476	-
9	-5	3	-0.2980991	+	10	-3	0	-0.3530907	-
9	-4	3	-0.3684603	+	10	-2	0	-0.3061205	-
9	-3	3	-0.3531010	+	10	-1	0	-0.1758564	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					10	7	2	0.4659262	-
					10	8	2	0.5103966	-
10	0	0	0.0000000	-	10	-10	3	-0.3402644	-
10	1	0	0.1758564	-	10	-9	3	-0.4613357	-
10	2	0	0.3061205	-	10	-8	3	-0.4585227	-
10	3	0	0.3530907	-	10	-7	3	-0.3586268	-
10	4	0	0.2948476	-	10	-6	3	-0.1971092	-
10	5	0	0.1331449	-	10	-5	3	-0.0118284	-
10	6	0	-0.0987001	-	10	-4	3	0.1619666	-
10	7	0	-0.3279146	-	10	-3	3	0.2951463	-
10	8	0	-0.4343804	-	10	-2	3	0.3670725	-
10	9	0	-0.2427420	-	10	-1	3	0.3670725	-
10	10	0	0.4854840	-	10	0	3	0.2951463	-
10	-10	1	-0.5945941	-	10	1	3	0.1619666	-
10	-9	1	-0.2156819	-	10	2	3	-0.0118284	-
10	-8	1	0.1428389	-	10	3	3	-0.1971092	-
10	-7	1	0.3450930	-	10	4	3	-0.3586268	-
10	-6	1	0.3786012	-	10	5	3	-0.4585227	-
10	-5	1	0.2800774	-	10	6	3	-0.4613357	-
10	-4	1	0.1052680	-	10	7	3	-0.3402644	-
10	-3	1	-0.0874538	-	10	-10	4	-0.1750646	-
10	-2	1	-0.2471586	-	10	-9	4	-0.3063630	-
10	-1	1	-0.3367395	-	10	-8	4	-0.4041281	-
10	0	1	-0.3367395	-	10	-7	4	-0.4536845	-
10	1	1	-0.2471586	-	10	-6	4	-0.4488551	-
10	2	1	-0.0874538	-	10	-5	4	-0.3911419	-
10	3	1	0.1052680	-	10	-4	4	-0.2882824	-
10	4	1	0.2800774	-	10	-3	4	-0.1527114	-
10	5	1	0.3786012	-	10	-2	4	0.0000000	-
10	6	1	0.3450930	-	10	-1	4	0.1527114	-
10	7	1	0.1428389	-	10	0	4	0.2882824	-
10	8	1	-0.2156819	-	10	1	4	0.3911419	-
10	9	1	-0.5945941	-	10	2	4	0.4488551	-
10	-10	2	-0.5103966	-	10	3	4	0.4536845	-
10	-9	2	-0.4659262	-	10	4	4	0.4041281	-
10	-8	2	-0.2566427	-	10	5	4	0.3063630	-
10	-7	2	-0.0066938	-	10	6	4	0.1750646	-
10	-6	2	0.2053552	-	10	-10	5	-0.0618947	-
10	-5	2	0.3352478	-	10	-9	5	-0.1312984	-
10	-4	2	0.3664886	-	10	-8	5	-0.2108535	-
10	-3	2	0.3045802	-	10	-7	5	-0.2926177	-
10	-2	2	0.1714593	-	10	-6	5	-0.3687721	-
10	-1	2	0.0000000	-	10	-5	5	-0.4324236	-
10	0	2	-0.1714593	-	10	-4	5	-0.4780623	-
10	1	2	-0.3045802	-	10	-3	5	-0.5018609	-
10	2	2	-0.3664886	-	10	-2	5	-0.5018609	-
10	3	2	-0.3352478	-	10	-1	5	-0.4780623	-
10	4	2	-0.2053552	-	10	0	5	-0.4324236	-
10	5	2	0.0066938	-	10	1	5	-0.3687721	-
10	6	2	0.2566427	-	10	2	5	-0.2926177	-

J2 = 5

J3	M1	M2	C	S	J3	M1	M2	C	S
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J1 = 10

10	3	5	-0.2108535	-
10	4	5	-0.1312984	-
10	5	5	-0.0618947	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 0					5	1	2	0.2773501 +	
					5	-1	3	0.6793662 +	
6	0	0	1.0000000 +		5	0	3	-0.5883484 +	
6	0	1	1.0000000 +		5	1	3	0.1961161 +	
6	0	2	1.0000000 +		5	-1	4	0.7595545 +	
6	0	3	1.0000000 +		5	0	4	-0.5063697 +	
6	0	4	1.0000000 +		5	1	4	0.1132277 +	
6	0	5	1.0000000 +		5	-1	5	0.8397191 +	
6	0	6	1.0000000 +		5	0	5	-0.3755338 +	
J1 = 1/2					5	-1	6	0.9198662 +	
					6	-1	0	-0.7071068 -	
					6	0	0	0.0000000 -	
11/2	-1/2	0	-0.6793662 -		6	1	0	0.7071068 -	
11/2	1/2	0	0.6793662 -		6	-1	1	-0.7071068 -	
11/2	-1/2	1	-0.7337994 -		6	0	1	-0.1543033 -	
11/2	1/2	1	0.6201737 -		6	1	1	0.6900656 -	
11/2	-1/2	2	-0.7844645 -		6	-1	2	-0.6900656 -	
11/2	1/2	2	0.5547002 -		6	0	2	-0.3086067 -	
11/2	-1/2	3	-0.8320503 -		6	1	2	0.6546537 -	
11/2	1/2	3	0.4803845 -		6	-1	3	-0.6546537 -	
11/2	-1/2	4	-0.8770580 -		6	0	3	-0.4629100 -	
11/2	1/2	4	0.3922323 -		6	1	3	0.5976143 -	
11/2	-1/2	5	-0.9198662 -		6	-1	4	-0.5976143 -	
11/2	1/2	5	0.2773501 -		6	0	4	-0.6172134 -	
11/2	-1/2	6	-0.9607689 -		6	1	4	0.5117663 -	
13/2	-1/2	0	0.7337994 +		6	-1	5	-0.5117663 -	
13/2	1/2	0	0.7337994 +		6	0	5	-0.7715167 -	
13/2	-1/2	1	0.6793662 +		6	1	5	0.3779645 -	
13/2	1/2	1	0.7844645 +		6	-1	6	-0.3779645 -	
13/2	-1/2	2	0.6201737 +		6	0	6	-0.9258201 -	
13/2	1/2	2	0.8320503 +		7	-1	0	0.5547002 +	
13/2	-1/2	3	0.5547002 +		7	0	0	0.7337994 +	
13/2	1/2	3	0.8770580 +		7	1	0	0.5547002 +	
13/2	-1/2	4	0.4803845 +		7	-1	1	0.4803845 +	
13/2	1/2	4	0.9198662 +		7	0	1	0.7262730 +	
13/2	-1/2	5	0.3922323 +		7	1	1	0.6289709 +	
13/2	1/2	5	0.9607689 +		7	-1	2	0.4059990 +	
13/2	-1/2	6	0.2773501 +		7	0	2	0.7032108 +	
13/2	1/2	6	1.0000000 +		7	1	2	0.7032108 +	
J1 = 1					7	-1	3	0.3314968 +	
					7	0	3	0.6629935 +	
					7	1	3	0.7774288 +	
5	-1	0	0.4385290 +		7	-1	4	0.2567763 +	
5	0	0	-0.6793662 +		7	0	4	0.6021938 +	
5	1	0	0.4385290 +		7	1	4	0.8516306 +	
5	-1	1	0.5188745 +		7	-1	5	0.1815683 +	
5	0	1	-0.6698641 +		7	0	5	0.5135526 +	
5	1	1	0.3580574 +		7	1	5	0.9258201 +	
5	-1	2	0.5991447 +		7	-1	6	0.1048285 +	
5	0	2	-0.6405126 +		7	0	6	0.3779645 +	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 1					11/2	1/2	5	-0.4916892	+
					11/2	-3/2	6	0.4447496	+
7	1	6	1.0000000	+	11/2	-1/2	6	0.8516306	+
J1 = 3/2					13/2	-3/2	0	-0.6563301	-
					13/2	-1/2	0	-0.3281651	-
					13/2	1/2	0	0.3281651	-
9/2	-3/2	0	-0.2644429	-	13/2	3/2	0	0.6563301	-
9/2	-1/2	0	0.5609682	-	13/2	-3/2	1	-0.6139406	-
9/2	1/2	0	-0.5609682	-	13/2	-1/2	1	-0.4557327	-
9/2	3/2	0	0.2644429	-	13/2	1/2	1	0.1754116	-
9/2	-3/2	1	-0.3498251	-	13/2	3/2	1	0.6793662	-
9/2	-1/2	1	0.6059149	-	13/2	-3/2	2	-0.5547002	-
9/2	1/2	1	-0.4947274	-	13/2	-1/2	2	-0.5547002	-
9/2	3/2	1	0.1869894	-	13/2	1/2	2	0.0000000	-
9/2	-3/2	2	-0.4424977	-	13/2	3/2	2	0.6793662	-
9/2	-1/2	2	0.6257862	-	13/2	-3/2	3	-0.4803845	-
9/2	1/2	2	-0.4096732	-	13/2	-1/2	3	-0.6201737	-
9/2	3/2	2	0.1182625	-	13/2	1/2	3	-0.1961161	-
9/2	-3/2	3	-0.5419468	-	13/2	3/2	3	0.6504436	-
9/2	-1/2	3	0.6145099	-	13/2	-3/2	4	-0.3922323	-
9/2	1/2	3	-0.3072549	-	13/2	-1/2	4	-0.6445034	-
9/2	3/2	3	0.0591312	-	13/2	1/2	4	-0.4113767	-
9/2	-3/2	4	-0.6477503	-	13/2	3/2	4	0.5817745	-
9/2	-1/2	4	0.5609682	-	13/2	-3/2	5	-0.2908872	-
9/2	1/2	4	-0.1869894	-	13/2	-1/2	5	-0.6139406	-
9/2	-3/2	5	-0.7595545	-	13/2	1/2	5	-0.6445034	-
9/2	-1/2	5	0.4385290	-	13/2	3/2	5	0.4472136	-
9/2	-3/2	6	-0.8770580	-	13/2	-3/2	6	-0.1754116	-
11/2	-3/2	0	0.5609682	+	13/2	-1/2	6	-0.4961389	-
11/2	-1/2	0	-0.3832142	+	13/2	1/2	6	-0.8944272	-
11/2	1/2	0	-0.3832142	+	15/2	-3/2	0	0.4296689	+
11/2	3/2	0	0.5609682	+	15/2	-1/2	0	0.6563301	+
11/2	-3/2	1	0.6145099	+	15/2	1/2	0	0.6563301	+
11/2	-1/2	1	-0.2365250	+	15/2	3/2	0	0.4296689	+
11/2	1/2	1	-0.4997502	+	15/2	-3/2	1	0.3508232	+
11/2	3/2	1	0.4896532	+	15/2	-1/2	1	0.6076436	+
11/2	-3/2	2	0.6477503	+	15/2	1/2	1	0.6890031	+
11/2	-1/2	2	-0.0632140	+	15/2	3/2	1	0.5135526	+
11/2	1/2	2	-0.5810872	+	15/2	-3/2	2	0.2773501	+
11/2	3/2	2	0.4022911	+	15/2	-1/2	2	0.5447048	+
11/2	-3/2	3	0.6569387	+	15/2	1/2	2	0.7032108	+
11/2	-1/2	3	0.1340970	+	15/2	3/2	2	0.6021938	+
11/2	1/2	3	-0.6193677	+	15/2	-3/2	3	0.2096570	+
11/2	3/2	3	0.2998501	+	15/2	-1/2	3	0.4688072	+
11/2	-3/2	4	0.6360781	+	15/2	1/2	3	0.6953535	+
11/2	-1/2	4	0.3533767	+	15/2	3/2	3	0.6953535	+
11/2	1/2	4	-0.6005326	+	15/2	-3/2	4	0.1482499	+
11/2	3/2	4	0.1815683	+	15/2	-1/2	4	0.3808608	+
11/2	-3/2	5	0.5741693	+	15/2	1/2	4	0.6596702	+
11/2	-1/2	5	0.5929995	+	15/2	3/2	4	0.7928250	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3/2					5	0	2	0.3750458	-
					5	1	2	-0.5156880	-
15/2	-3/2	5	0.0937614	+	5	2	2	0.1988981	-
15/2	-1/2	5	0.2812843	+	5	-2	3	-0.6076436	-
15/2	1/2	5	0.5855400	+	5	-1	3	0.1148339	-
15/2	3/2	5	0.8944272	+	5	0	3	0.5167523	-
15/2	-3/2	6	0.0468807	+	5	1	3	-0.4309458	-
15/2	-1/2	6	0.1690309	+	5	2	3	0.1048285	-
15/2	1/2	6	0.4472136	+	5	-2	4	-0.6289709	-
15/2	3/2	6	1.0000000	+	5	-1	4	-0.1283881	-
J1 = 2					5	0	4	0.5929995	-
					5	1	4	-0.2870846	-
					5	-2	5	-0.6021938	-
4	-2	0	0.1448414	+	5	-1	5	-0.4258153	-
4	-1	0	-0.4096732	+	5	0	5	0.5497252	-
4	0	0	0.5609682	+	5	-2	6	-0.4916892	-
4	1	0	-0.4096732	+	5	-1	6	-0.7774288	-
4	2	0	0.1448414	+	6	-2	0	0.6030227	+
4	-2	1	0.2212488	+	6	-1	0	-0.0953463	+
4	-1	1	-0.4947274	+	6	0	0	-0.5045250	+
4	0	1	0.5419468	+	6	1	0	-0.0953463	+
4	1	1	-0.3128931	+	6	2	0	0.6030227	+
4	2	1	0.0836242	+	6	-2	1	0.6179144	+
4	-2	2	0.3128931	+	6	-1	1	0.0953463	+
4	-1	2	-0.5597202	+	6	0	1	-0.4684875	+
4	0	2	0.4847319	+	6	1	1	-0.2791453	+
4	1	2	-0.2115544	+	6	2	1	0.5582905	+
4	2	2	0.0373979	+	6	-2	2	0.6030227	+
4	-2	3	0.4197902	+	6	-1	2	0.2791453	+
4	-1	3	-0.5936729	+	6	0	2	-0.3603750	+
4	0	3	0.3886502	+	6	1	2	-0.4413674	+
4	1	3	-0.1121936	+	6	2	2	0.4834938	+
4	-2	4	0.5419468	+	6	-2	3	0.5582905	+
4	-1	4	-0.5793655	+	6	-1	3	0.4413674	+
4	0	4	0.2508726	+	6	0	3	-0.1801875	+
4	-2	5	0.6793662	+	6	1	3	-0.5640761	+
4	-1	5	-0.4803845	+	6	2	3	0.3779645	+
4	-2	6	0.8320503	+	6	-2	4	0.4834938	+
5	-2	0	-0.3922323	-	6	-1	4	0.5640761	+
5	-1	0	0.5188745	-	6	0	4	0.0720750	+
5	0	0	0.0000000	-	6	1	4	-0.6210590	+
5	1	0	-0.5188745	-	6	2	4	0.2390457	+
5	2	0	0.3922323	-	6	-2	5	0.3779645	+
5	-2	1	-0.4803845	-	6	-1	5	0.6210590	+
5	-1	1	0.4385290	-	6	0	5	0.3964125	+
5	0	1	0.1961161	-	6	1	5	-0.5606119	+
5	1	1	-0.5447048	-	6	-2	6	0.2390457	+
5	2	1	0.2964997	-	6	-1	6	0.5606119	+
5	-2	2	-0.5547002	-	6	0	6	0.7928250	+
5	-1	2	0.3038218	-	7	-2	0	-0.5883484	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 2					8	-2	3	0.1386750 +		
					8	-1	3	0.3314968 +		
7	-1	0	-0.4803845 -		8	0	3	0.5497252 +		
7	0	0	0.0000000 -		8	1	3	0.6953535 +		
7	1	0	0.4803845 -		8	2	3	0.6267832 +		
7	2	0	0.5883484 -		8	-2	4	0.0907841 +		
7	-2	1	-0.5188745 -		8	-1	4	0.2458446 +		
7	-1	1	-0.5547002 -		8	0	4	0.4664573 +		
7	0	1	-0.1815683 -		8	1	4	0.6866066 +		
7	1	1	0.3631365 -		8	2	4	0.7416198 +		
7	2	1	0.6419407 -		8	-2	5	0.0524142 +		
7	-2	2	-0.4385290 -		8	-1	5	0.1623996 +		
7	-1	2	-0.5860090 -		8	0	5	0.3585686 +		
7	0	2	-0.3516054 -		8	1	5	0.6324555 +		
7	1	2	0.2029995 -		8	2	5	0.8660254 +		
7	2	2	0.6732731 -		8	-2	6	0.0234404 +		
7	-2	3	-0.3516054 -		8	-1	6	0.0845154 +		
7	-1	3	-0.5741693 -		8	0	6	0.2236068 +		
7	0	3	-0.4972452 -		8	1	6	0.5000000 +		
7	1	3	0.0000000 -		8	2	6	1.0000000 +		
7	2	3	0.6732731 -							
7	-2	4	-0.2620712 -		J1 = 5/2					
7	-1	4	-0.5188745 -							
7	0	4	-0.6021938 -		7/2	-5/2	0	-0.0682789 -		
7	1	4	-0.2458446 -		7/2	-3/2	0	0.2644429 -		
7	2	4	0.6267832 -		7/2	-1/2	0	-0.4828045 -		
7	-2	5	-0.1738384 -		7/2	1/2	0	0.4828045 -		
7	-1	5	-0.4193139 -		7/2	3/2	0	-0.2644429 -		
7	0	5	-0.6419407 -		7/2	5/2	0	0.0682789 -		
7	1	5	-0.5345225 -		7/2	-5/2	1	-0.1277381 -		
7	2	5	0.5000000 -		7/2	-3/2	1	0.3687481 -		
7	-2	6	-0.0907841 -		7/2	-1/2	1	-0.5214885 -		
7	-1	6	-0.2723524 -		7/2	1/2	1	0.4039433 -		
7	0	6	-0.5669467 -		7/2	3/2	1	-0.1649091 -		
7	1	6	-0.8660254 -		7/2	5/2	1	0.0278747 -		
8	-2	0	0.3396831 +		7/2	-5/2	2	-0.2085954 -		
8	-1	0	0.5683986 +		7/2	-3/2	2	0.4664335 -		
8	0	0	0.6563301 +		7/2	-1/2	2	-0.5109523 -		
8	1	0	0.5683986 +		7/2	1/2	2	0.2949985 -		
8	2	0	0.3396831 +		7/2	3/2	2	-0.0788417 -		
8	-2	1	0.2631174 +		7/2	-5/2	3	-0.3128931 -		
8	-1	1	0.4961389 +		7/2	-3/2	3	0.5419468 -		
8	0	1	0.6445034 +		7/2	-1/2	3	-0.4424977 -		
8	1	1	0.6289709 +		7/2	1/2	3	0.1672484 -		
8	2	1	0.4258153 +		7/2	-5/2	4	-0.4424977 -		
8	-2	2	0.1961161 +		7/2	-3/2	4	0.5712620 -		
8	-1	2	0.4160251 +		7/2	-1/2	4	-0.3053524 -		
8	0	2	0.6089985 +		7/2	-5/2	5	-0.5991447 -		
8	1	2	0.6732731 +		7/2	-3/2	5	0.5063697 -		
8	2	2	0.5215151 +		7/2	-5/2	6	-0.7844645 -		

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					11/2	3/2	2	-0.5363882	-
					11/2	5/2	2	0.2681941	-
9/2	-5/2	0	0.2414023	+	11/2	-5/2	3	-0.5793655	-
9/2	-3/2	0	-0.4947274	+	11/2	-3/2	3	-0.2189796	-
9/2	-1/2	0	0.2856310	+	11/2	-1/2	3	0.3832142	-
9/2	1/2	0	0.2856310	+	11/2	1/2	3	0.3476767	-
9/2	3/2	0	-0.4947274	+	11/2	3/2	3	-0.4997502	-
9/2	5/2	0	0.2414023	+	11/2	5/2	3	0.1482499	-
9/2	-5/2	1	0.3413944	+	11/2	-5/2	4	-0.5363882	-
9/2	-3/2	1	-0.4986384	+	11/2	-3/2	4	-0.4240521	-
9/2	-1/2	1	0.0881476	+	11/2	-1/2	4	0.1731185	-
9/2	1/2	1	0.4318335	+	11/2	1/2	4	0.5419468	-
9/2	3/2	1	-0.4331168	+	11/2	3/2	4	-0.3631365	-
9/2	5/2	1	0.1489967	+	11/2	-5/2	5	-0.4447496	-
9/2	-5/2	2	0.4407382	+	11/2	-3/2	5	-0.5741693	-
9/2	-3/2	2	-0.4336291	+	11/2	-1/2	5	-0.1815683	-
9/2	-1/2	2	-0.1365577	+	11/2	1/2	5	0.6021938	-
9/2	1/2	2	0.5065888	+	11/2	-5/2	6	-0.2964997	-
9/2	3/2	2	-0.3266054	+	11/2	-3/2	6	-0.5929995	-
9/2	5/2	2	0.0706753	+	11/2	-1/2	6	-0.6953535	-
9/2	-5/2	3	0.5288859	+	13/2	-5/2	0	0.6059149	+
9/2	-3/2	3	-0.2896827	+	13/2	-3/2	0	0.1211830	+
9/2	-1/2	3	-0.3575921	+	13/2	-1/2	0	-0.3957820	+
9/2	1/2	3	0.4916892	+	13/2	1/2	0	-0.3957820	+
9/2	3/2	3	-0.1896419	+	13/2	3/2	0	0.1211830	+
9/2	-5/2	4	0.5913124	+	13/2	5/2	0	0.6059149	+
9/2	-3/2	4	-0.0577062	+	13/2	-5/2	1	0.5853694	+
9/2	-1/2	4	-0.5304576	+	13/2	-3/2	1	0.3022835	+
9/2	1/2	4	0.3672399	+	13/2	-1/2	1	-0.2442819	+
9/2	-5/2	5	0.6052275	+	13/2	1/2	1	-0.4759973	+
9/2	-3/2	5	0.2706660	+	13/2	3/2	1	-0.0836242	+
9/2	-1/2	5	-0.5741693	+	13/2	5/2	1	0.5913124	+
9/2	-5/2	6	0.5241424	+	13/2	-5/2	2	0.5343667	+
9/2	-3/2	6	0.7032108	+	13/2	-3/2	2	0.4438127	+
11/2	-5/2	0	-0.4730499	-	13/2	-1/2	2	-0.0418121	+
11/2	-3/2	0	0.3739788	-	13/2	1/2	2	-0.4674735	+
11/2	-1/2	0	0.3128931	-	13/2	3/2	2	-0.2926847	+
11/2	1/2	0	-0.3128931	-	13/2	5/2	2	0.5370862	+
11/2	3/2	0	-0.3739788	-	13/2	-5/2	3	0.4580286	+
11/2	5/2	0	0.4730499	-	13/2	-3/2	3	0.5321812	+
11/2	-5/2	1	-0.5419468	-	13/2	-1/2	3	0.1869894	+
11/2	-3/2	1	0.2048366	-	13/2	1/2	3	-0.3547874	+
11/2	-1/2	1	0.4345241	-	13/2	3/2	3	-0.4803845	+
11/2	1/2	1	-0.1224133	-	13/2	5/2	3	0.4385290	+
11/2	3/2	1	-0.4896532	-	13/2	-5/2	4	0.3621034	+
11/2	5/2	1	0.3792837	-	13/2	-3/2	4	0.5552252	+
11/2	-5/2	2	-0.5793655	-	13/2	-1/2	4	0.4102418	+
11/2	-3/2	2	0.0000000	-	13/2	1/2	4	-0.1240347	+
11/2	-1/2	2	0.4645258	-	13/2	3/2	4	-0.6086976	+
11/2	1/2	2	0.1094898	-	13/2	5/2	4	0.2886751	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5/2					15/2	1/2	6	-0.6135720	-
					15/2	3/2	6	-0.8401681	-
13/2	-5/2	5	0.2531848	+	17/2	-5/2	0	0.2732410	+
13/2	-3/2	5	0.5012804	+	17/2	-3/2	0	0.4873977	+
13/2	-1/2	5	0.5817745	+	17/2	-1/2	0	0.6165148	+
13/2	1/2	5	0.2375084	+	17/2	1/2	0	0.6165148	+
13/2	3/2	5	-0.6055301	+	17/2	3/2	0	0.4873977	+
13/2	-5/2	6	0.1386750	+	17/2	5/2	0	0.2732410	+
13/2	-3/2	6	0.3562627	+	17/2	-5/2	1	0.2018018	+
13/2	-1/2	6	0.6170650	+	17/2	-3/2	1	0.4036037	+
13/2	1/2	6	0.7416198	+	17/2	-1/2	1	0.5707818	+
15/2	-5/2	0	-0.5210501	-	17/2	1/2	1	0.6381534	+
15/2	-3/2	0	-0.5414912	-	17/2	3/2	1	0.5656626	+
15/2	-1/2	0	-0.2251194	-	17/2	5/2	1	0.3577564	+
15/2	1/2	0	0.2251194	-	17/2	-5/2	2	0.1426954	+
15/2	3/2	0	0.5414912	-	17/2	-3/2	2	0.3190767	+
15/2	5/2	0	0.5210501	-	17/2	-1/2	2	0.5045046	+
15/2	-5/2	1	-0.4359418	-	17/2	1/2	2	0.6324300	+
15/2	-3/2	1	-0.5649384	-	17/2	3/2	2	0.6324300	+
15/2	-1/2	1	-0.3821034	-	17/2	5/2	2	0.4560517	+
15/2	1/2	1	0.0393877	-	17/2	-5/2	3	0.0951303	+
15/2	3/2	1	0.4674264	-	17/2	-3/2	3	0.2378257	+
15/2	5/2	1	0.5962607	-	17/2	-1/2	3	0.4216200	+
15/2	-5/2	2	-0.3473667	-	17/2	1/2	3	0.5962607	+
15/2	-3/2	2	-0.5437149	-	17/2	3/2	3	0.6798418	+
15/2	-1/2	2	-0.4982192	-	17/2	5/2	3	0.5687965	+
15/2	1/2	2	-0.1607996	-	17/2	-5/2	4	0.0582552	+
15/2	3/2	2	0.3372960	-	17/2	-3/2	4	0.1632927	+
15/2	5/2	2	0.6531709	-	17/2	-1/2	4	0.3265854	+
15/2	-5/2	3	-0.2605251	-	17/2	1/2	4	0.5266032	+
15/2	-3/2	3	-0.4844045	-	17/2	3/2	4	0.6966305	+
15/2	-1/2	3	-0.5627984	-	17/2	5/2	4	0.6966305	+
15/2	1/2	3	-0.3577564	-	17/2	-5/2	5	0.0311387	+
15/2	3/2	3	0.1460534	-	17/2	-3/2	5	0.0984692	+
15/2	5/2	3	0.6798418	-	17/2	-1/2	5	0.2245444	+
15/2	-5/2	4	-0.1797794	-	17/2	1/2	5	0.4200840	+
15/2	-3/2	4	-0.3944235	-	17/2	3/2	5	0.6642112	+
15/2	-1/2	4	-0.5660814	-	17/2	5/2	5	0.8401681	+
15/2	1/2	4	-0.5279517	-	17/2	-5/2	6	0.0127123	+
15/2	3/2	4	-0.1110177	-	17/2	-3/2	6	0.0458349	+
15/2	5/2	4	0.6567896	-	17/2	-1/2	6	0.1212678	+
15/2	-5/2	5	-0.1088618	-	17/2	1/2	6	0.2711631	+
15/2	-3/2	5	-0.2822784	-	17/2	3/2	6	0.5423261	+
15/2	-1/2	5	-0.4984786	-	17/2	5/2	6	1.0000000	+
15/2	1/2	5	-0.6359888	-					
15/2	3/2	5	-0.4383570	-	J1 = 3				
15/2	5/2	5	0.5423261	-					
15/2	-5/2	6	-0.0508493	-	3	-3	0	0.0241402	+
15/2	-3/2	6	-0.1575507	-	3	-2	0	-0.1448414	+
15/2	-1/2	6	-0.3478626	-	3	-1	0	0.3621034	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					4	0	3	-0.4927040	-
					4	1	3	0.2681941	-
3	0	0	-0.4828045	+	4	-3	4	-0.5321812	-
3	1	0	0.3621034	+	4	-2	4	0.2048366	-
3	2	0	-0.1448414	+	4	-1	4	0.4327964	-
3	3	0	0.0241402	+	4	0	4	-0.4240521	-
3	-3	1	0.0638690	+	4	-3	5	-0.5883484	-
3	-2	1	-0.2473637	+	4	-2	5	-0.1283881	-
3	-1	1	0.4516223	+	4	-1	5	0.5741693	-
3	0	1	-0.4516223	+	4	-3	6	-0.5447048	-
3	1	1	0.2473637	+	4	-2	6	-0.6289709	-
3	2	1	-0.0638690	+	5	-3	0	0.3202563	+
3	-3	2	0.1277381	+	5	-2	0	-0.4803845	+
3	-2	2	-0.3612978	+	5	-1	0	0.0000000	+
3	-1	2	0.4947274	+	5	0	0	0.4236593	+
3	0	2	-0.3612978	+	5	1	0	0.0000000	+
3	1	2	0.1277381	+	5	2	0	-0.4803845	+
3	-3	3	0.2212488	+	5	3	0	0.3202563	+
3	-2	3	-0.4693397	+	5	-3	1	0.4236593	+
3	-1	3	0.4693397	+	5	-2	1	-0.3922323	+
3	0	3	-0.2212488	+	5	-1	1	-0.2264554	+
3	-3	4	0.3498251	+	5	0	1	0.3580574	+
3	-2	4	-0.5419468	+	5	1	1	0.2344036	+
3	-1	4	0.3498251	+	5	2	1	-0.4841820	+
3	-3	5	0.5188745	+	5	3	1	0.2096570	+
3	-2	5	-0.5188745	+	5	-3	2	0.5063697	+
3	-3	6	0.7337994	+	5	-2	2	-0.2264554	+
4	-3	0	-0.1254363	-	5	-1	2	-0.3922323	+
4	-2	0	0.3832142	-	5	0	2	0.1711842	+
4	-1	0	-0.4284465	-	5	1	2	0.4236593	+
4	0	0	0.0000000	-	5	2	2	-0.4059990	+
4	1	0	0.4284465	-	5	3	2	0.1048285	+
4	2	0	-0.3832142	-	5	-3	3	0.5547002	+
4	3	0	0.1254363	-	5	-2	3	0.0000000	+
4	-3	1	-0.2172620	-	5	-1	3	-0.4447496	+
4	-2	1	0.4599331	-	5	0	3	-0.1048285	+
4	-1	1	-0.2956562	-	5	1	3	0.5135526	+
4	0	1	-0.2290143	-	5	2	3	-0.2567763	+
4	1	1	0.4674735	-	5	-3	4	0.5547002	+
4	2	1	-0.2686593	-	5	-2	4	0.2567763	+
4	3	1	0.0547449	-	5	-1	4	-0.3314968	+
4	-3	2	-0.3238751	-	5	0	4	-0.4059990	+
4	-2	2	0.4730499	-	5	1	4	0.4447496	+
4	-1	2	-0.0836242	-	5	-3	5	0.4916892	+
4	0	2	-0.4096732	-	5	-2	5	0.4916892	+
4	1	2	0.4108907	-	5	-1	5	0.0000000	+
4	2	2	-0.1413507	-	5	0	5	-0.6021938	+
4	-3	3	-0.4345241	-	5	-3	6	0.3476767	+
4	-2	3	0.3966644	-	5	-2	6	0.6021938	+
4	-1	3	0.1773937	-	5	-1	6	0.6021938	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					7	2	0	0.2721095 +	
					7	3	0	0.5891344 +	
6	-3	0	-0.5222330 -		7	-3	1	0.5399506 +	
6	-2	0	0.2132007 -		7	-2	1	0.4199616 +	
6	-1	0	0.4264014 -		7	-1	1	-0.0202818 +	
6	0	0	0.0000000 -		7	0	1	-0.4037129 +	
6	1	0	-0.4264014 -		7	1	1	-0.3916888 +	
6	2	0	-0.2132007 -		7	2	1	0.0742240 +	
6	3	0	0.5222330 -		7	3	1	0.6029983 +	
6	-3	1	-0.5640761 -		7	-3	2	0.4647155 +	
6	-2	1	0.0000000 -		7	-2	2	0.5070462 +	
6	-1	1	0.4264014 -		7	-1	2	0.1971248 +	
6	0	1	0.2279212 -		7	0	2	-0.2545352 +	
6	1	1	-0.3120939 -		7	1	2	-0.4750334 +	
6	2	1	-0.3947710 -		7	2	2	-0.1556935 +	
6	3	1	0.4413674 -		7	3	2	0.5720544 +	
6	-3	2	-0.5640761 -		7	-3	3	0.3726013 +	
6	-2	2	-0.2132007 -		7	-2	3	0.5285038 +	
6	-1	2	0.3120939 -		7	-1	3	0.3883836 +	
6	0	2	0.3988620 -		7	0	3	-0.0257119 +	
6	1	2	-0.0986928 -		7	1	3	-0.4431115 +	
6	2	2	-0.5128226 -		7	2	3	-0.3892337 +	
6	3	2	0.3273268 -		7	3	3	0.4861528 +	
6	-3	3	-0.5222330 -		7	-3	4	0.2727163 +	
6	-2	3	-0.3947710 -		7	-2	4	0.4848289 +	
6	-1	3	0.0986928 -		7	-1	4	0.5176627 +	
6	0	3	0.4558423 -		7	0	4	0.2491096 +	
6	1	3	0.1801875 -		7	1	4	-0.2606801 +	
6	2	3	-0.5345225 -		7	2	4	-0.5797710 +	
6	3	3	0.1889822 -		7	3	4	0.3321056 +	
6	-3	4	-0.4413674 -		7	-3	5	0.1740706 +	
6	-2	4	-0.5128226 -		7	-2	5	0.3818989 +	
6	-1	4	-0.1801875 -		7	-1	5	0.5481060 +	
6	0	4	0.3418817 -		7	0	5	0.5111871 +	
6	1	4	0.4629100 -		7	1	5	0.1074924 +	
6	2	4	-0.4225771 -		7	2	5	-0.6359338 +	
6	-3	5	-0.3273268 -		7	-3	6	0.0852768 +	
6	-2	5	-0.5345225 -		7	-2	6	0.2309308 +	
6	-1	5	-0.4629100 -		7	-1	6	0.4381603 +	
6	0	5	0.0000000 -		7	0	6	0.6449546 +	
6	1	5	0.6267832 -		7	1	6	0.6966305 +	
6	-3	6	-0.1889822 -		8	-3	0	-0.4599331 -	
6	-2	6	-0.4225771 -		8	-2	0	-0.5547002 -	
6	-1	6	-0.6267832 -		8	-1	0	-0.3668997 -	
6	0	6	-0.6267832 -		8	0	0	0.0000000 -	
7	-3	0	0.5891344 +		8	1	0	0.3668997 -	
7	-2	0	0.2721095 +		8	2	0	0.5547002 -	
7	-1	0	-0.2283397 +		8	3	0	0.4599331 -	
7	0	0	-0.4553264 +		8	-3	1	-0.3668997 -	
7	1	0	-0.2283397 +		8	-2	1	-0.5370862 -	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 3					9	-1	1	0.4943115	+
					9	0	1	0.6016568	+
8	-1	1	-0.4803845	-	9	1	1	0.6109854	+
8	0	1	-0.1961161	-	9	2	1	0.5059440	+
8	1	1	0.2029995	-	9	3	1	0.3040345	+
8	2	1	0.5215151	-	9	-3	2	0.1063589	+
8	3	1	0.5497252	-	9	-2	2	0.2471558	+
8	-3	2	-0.2773501	-	9	-1	2	0.4119263	+
8	-2	2	-0.4803845	-	9	0	2	0.5577508	+
8	-1	2	-0.5370862	-	9	1	2	0.6324300	+
8	0	2	-0.3706247	-	9	2	2	0.5887603	+
8	1	2	0.0000000	-	9	3	2	0.4021998	+
8	2	2	0.4258153	-	9	-3	3	0.0672673	+
8	3	2	0.6267832	-	9	-2	3	0.1736834	+
8	-3	3	-0.1961161	-	9	-1	3	0.3220176	+
8	-2	3	-0.3962970	-	9	0	3	0.4868448	+
8	-1	3	-0.5349506	-	9	1	3	0.6206078	+
8	0	3	-0.5018282	-	9	2	3	0.6567896	+
8	1	3	-0.2244244	-	9	3	3	0.5192378	+
8	2	3	0.2558832	-	9	-3	4	0.0388368	+
8	3	3	0.6770032	-	9	-2	4	0.1115502	+
8	-3	4	-0.1265924	-	9	-1	4	0.2309308	+
8	-2	4	-0.2964997	-	9	0	4	0.3925068	+
8	-1	4	-0.4760760	-	9	1	4	0.5687965	+
8	0	4	-0.5677538	-	9	2	4	0.6966305	+
8	1	4	-0.4432026	-	9	3	4	0.6567896	+
8	2	4	0.0000000	-	9	-3	5	0.0194184	+
8	3	4	0.6770032	-	9	-2	5	0.0622774	+
8	-3	5	-0.0709692	-	9	-1	5	0.1449428	+
8	-2	5	-0.1925822	-	9	0	5	0.2800560	+
8	-1	5	-0.3668997	-	9	1	5	0.4696682	+
8	0	5	-0.5455447	-	9	2	5	0.6859943	+
8	1	5	-0.6123724	-	9	3	5	0.8164966	+
8	2	5	-0.3535534	-	9	-3	6	0.0073395	+
8	3	5	0.5773503	-	9	-2	6	0.0264628	+
8	-3	6	-0.0302614	-	9	-1	6	0.0700140	+
8	-2	6	-0.0956949	-	9	0	6	0.1565561	+
8	-1	6	-0.2182179	-	9	1	6	0.3131121	+
8	0	6	-0.4082483	-	9	2	6	0.5773503	+
8	1	6	-0.6454972	-	9	3	6	1.0000000	+
8	2	6	-0.8164966	-					
9	-3	0	0.2231003	+	J1 = 7/2				
9	-2	0	0.4173825	+					
9	-1	0	0.5627984	+	5/2	-5/2	0	0.0591312	-
9	0	0	0.6165148	+	5/2	-3/2	0	-0.2290143	-
9	1	0	0.5627984	+	5/2	-1/2	0	0.4181210	-
9	2	0	0.4173825	+	5/2	1/2	0	-0.4181210	-
9	3	0	0.2231003	+	5/2	3/2	0	0.2290143	-
9	-3	1	0.1577558	+	5/2	5/2	0	-0.0591312	-
9	-2	1	0.3295410	+	5/2	-7/2	1	-0.0241402	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					7/2	-3/2	4	-0.3128931	+
					7/2	-1/2	4	0.4580286	+
5/2	-5/2	1	0.1428155	-	7/2	-7/2	5	0.5547002	+
5/2	-3/2	1	-0.3498251	-	7/2	-5/2	5	0.0000000	+
5/2	-1/2	1	0.4516223	-	7/2	-3/2	5	-0.5547002	+
5/2	1/2	1	-0.3193452	-	7/2	-7/2	6	0.5547002	+
5/2	3/2	1	0.1106244	-	7/2	-5/2	6	0.5547002	+
5/2	-7/2	2	-0.0682789	-	9/2	-7/2	0	-0.1806489	-
5/2	-5/2	2	0.2554762	-	9/2	-5/2	0	0.4438127	-
5/2	-3/2	2	-0.4424977	-	9/2	-3/2	0	-0.2709734	-
5/2	-1/2	2	0.4039433	-	9/2	-1/2	0	-0.2856310	-
5/2	1/2	2	-0.1806489	-	9/2	1/2	0	0.2856310	-
5/2	-7/2	3	-0.1448414	-	9/2	3/2	0	0.2709734	-
5/2	-5/2	3	0.3832142	-	9/2	5/2	0	-0.4438127	-
5/2	-3/2	3	-0.4693397	-	9/2	7/2	0	0.1806489	-
5/2	-1/2	3	0.2709734	-	9/2	-7/2	1	-0.2926847	-
5/2	-7/2	4	-0.2644429	-	9/2	-5/2	1	0.4586643	-
5/2	-5/2	4	0.4947274	-	9/2	-3/2	1	-0.0341394	-
5/2	-3/2	4	-0.3832142	-	9/2	-1/2	1	-0.3966644	-
5/2	-7/2	5	-0.4385290	-	9/2	1/2	1	0.0539792	-
5/2	-5/2	5	0.5188745	-	9/2	3/2	1	0.4288350	-
5/2	-7/2	6	-0.6793662	-	9/2	5/2	1	-0.3476767	-
7/2	-7/2	0	0.0482805	+	9/2	7/2	1	0.0836242	-
7/2	-5/2	0	-0.2414023	+	9/2	-7/2	2	-0.4039433	-
7/2	-3/2	0	0.4345241	+	9/2	-5/2	2	0.3739788	-
7/2	-1/2	0	-0.2414023	+	9/2	-3/2	2	0.2159168	-
7/2	1/2	0	-0.2414023	+	9/2	-1/2	2	-0.3413944	-
7/2	3/2	0	0.4345241	+	9/2	1/2	2	-0.2234951	-
7/2	5/2	0	-0.2414023	+	9/2	3/2	2	0.4616494	-
7/2	7/2	0	0.0482805	+	9/2	5/2	2	-0.1999001	-
7/2	-7/2	1	0.1182625	+	9/2	-7/2	3	-0.4947274	-
7/2	-5/2	1	-0.3612978	+	9/2	-5/2	3	0.1869894	-
7/2	-3/2	1	0.4039433	+	9/2	-3/2	3	0.3966644	-
7/2	-1/2	1	0.0000000	+	9/2	-1/2	3	-0.1117475	-
7/2	1/2	1	-0.4039433	+	9/2	1/2	3	-0.4469902	-
7/2	3/2	1	0.3612978	+	9/2	3/2	3	0.3462371	-
7/2	5/2	1	-0.1182625	+	9/2	-7/2	4	-0.5419468	-
7/2	-7/2	2	0.2159168	+	9/2	-5/2	4	-0.0836242	-
7/2	-5/2	2	-0.4424977	+	9/2	-3/2	4	0.4108907	-
7/2	-3/2	2	0.2554762	+	9/2	-1/2	4	0.2448266	-
7/2	-1/2	2	0.2554762	+	9/2	1/2	4	-0.4896532	-
7/2	1/2	2	-0.4424977	+	9/2	-7/2	5	-0.5188745	-
7/2	3/2	2	0.2159168	+	9/2	-5/2	5	-0.3851644	-
7/2	-7/2	3	0.3344968	+	9/2	-3/2	5	0.1482499	-
7/2	-5/2	3	-0.4424977	+	9/2	-1/2	5	0.5741693	-
7/2	-3/2	3	0.0000000	+	9/2	-7/2	6	-0.3922323	-
7/2	-1/2	3	0.4424977	+	9/2	-5/2	6	-0.5929995	-
7/2	1/2	3	-0.3344968	+	9/2	-3/2	6	-0.5135526	-
7/2	-7/2	4	0.4580286	+	11/2	-7/2	0	0.3832142	+
7/2	-5/2	4	-0.3128931	+	11/2	-5/2	0	-0.4181210	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					13/2	1/2	0	-0.2276632	-
					13/2	3/2	0	-0.4242253	-
11/2	-3/2	0	-0.2048366	+	13/2	5/2	0	-0.0657207	-
11/2	-1/2	0	0.3128931	+	13/2	7/2	0	0.5498588	-
11/2	1/2	0	0.3128931	+	13/2	-7/2	1	-0.5634376	-
11/2	3/2	0	-0.2048366	+	13/2	-5/2	1	-0.1587306	-
11/2	5/2	0	-0.4181210	+	13/2	-3/2	1	0.3174611	-
11/2	7/2	0	0.3832142	+	13/2	-1/2	1	0.3864211	-
11/2	-7/2	1	0.4779521	+	13/2	1/2	1	0.0101409	-
11/2	-5/2	1	-0.2554762	+	13/2	3/2	1	-0.4039857	-
11/2	-3/2	1	-0.3739788	+	13/2	5/2	1	-0.2886158	-
11/2	-1/2	1	0.0965609	+	13/2	7/2	1	0.4873977	-
11/2	1/2	1	0.4080443	+	13/2	-7/2	2	-0.5312141	-
11/2	3/2	1	0.0446990	+	13/2	-5/2	2	-0.3477612	-
11/2	5/2	1	-0.4916892	+	13/2	-3/2	2	0.1147315	-
11/2	7/2	1	0.2644429	+	13/2	-1/2	2	0.4168894	-
11/2	-7/2	2	0.5343667	+	13/2	1/2	2	0.2581458	-
11/2	-5/2	2	-0.0341394	+	13/2	3/2	2	-0.2459043	-
11/2	-3/2	2	-0.4139187	+	13/2	5/2	2	-0.4660414	-
11/2	-1/2	2	-0.1677454	+	13/2	7/2	2	0.3775367	-
11/2	1/2	2	0.3375935	+	13/2	-7/2	3	-0.4600449	-
11/2	3/2	2	0.3060332	+	13/2	-5/2	3	-0.4719617	-
11/2	5/2	2	-0.4583012	+	13/2	-3/2	3	-0.1366205	-
11/2	7/2	2	0.1386750	+	13/2	-1/2	3	0.2939994	-
11/2	-7/2	3	0.5419468	+	13/2	1/2	3	0.4308401	-
11/2	-5/2	3	0.2048366	+	13/2	3/2	3	0.0336336	-
11/2	-3/2	3	-0.2998501	+	13/2	5/2	3	-0.5469992	-
11/2	-1/2	3	-0.3832142	+	13/2	7/2	3	0.2268713	-
11/2	1/2	3	0.0948209	+	13/2	-7/2	4	-0.3599671	-
11/2	3/2	3	0.4927040	+	13/2	-5/2	4	-0.5105832	-
11/2	5/2	3	-0.3144855	+	13/2	-3/2	4	-0.3752142	-
11/2	-7/2	4	0.4947274	+	13/2	-1/2	4	0.0248401	-
11/2	-5/2	4	0.4108907	+	13/2	1/2	4	0.4280863	-
11/2	-3/2	4	-0.0387105	+	13/2	3/2	4	0.3760355	-
11/2	-1/2	4	-0.4327964	+	13/2	5/2	4	-0.4696682	-
11/2	1/2	4	-0.2709734	+	13/2	-7/2	5	-0.2436989	-
11/2	3/2	4	0.4972452	+	13/2	-5/2	5	-0.4531189	-
11/2	-7/2	5	0.3922323	+	13/2	-3/2	5	-0.5264497	-
11/2	-5/2	5	0.5241424	+	13/2	-1/2	5	-0.3346505	-
11/2	-3/2	5	0.3144855	+	13/2	1/2	5	0.1366205	-
11/2	-1/2	5	-0.1815683	+	13/2	3/2	5	0.6359338	-
11/2	1/2	5	-0.6021938	+	13/2	-7/2	6	-0.1258456	-
11/2	-7/2	6	0.2401922	+	13/2	-5/2	6	-0.3008284	-
11/2	-5/2	6	0.4717282	+	13/2	-3/2	6	-0.4988675	-
11/2	-3/2	6	0.6089985	+	13/2	-1/2	6	-0.6310230	-
11/2	-1/2	6	0.5215151	+	13/2	1/2	6	-0.5687965	-
13/2	-7/2	0	-0.5498588	-	15/2	-7/2	0	0.5627984	+
13/2	-5/2	0	0.0657207	-	15/2	-5/2	0	0.3728772	+
13/2	-3/2	0	0.4242253	-	15/2	-3/2	0	-0.0641368	+
13/2	-1/2	0	0.2276632	-	15/2	-1/2	0	-0.3943242	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					15/2	3/2	6	0.6567896 +	
					17/2	-7/2	0	-0.4062503 -	
15/2	1/2	0	-0.3943242 +		17/2	-5/2	0	-0.5428748 -	
15/2	3/2	0	-0.0641368 +		17/2	-3/2	0	-0.4500536 -	
15/2	5/2	0	0.3728772 +		17/2	-1/2	0	-0.1732257 -	
15/2	7/2	0	0.5627984 +		17/2	1/2	0	0.1732257 -	
15/2	-7/2	1	0.4918087 +		17/2	3/2	0	0.4500536 -	
15/2	-5/2	1	0.4799561 +		17/2	5/2	0	0.5428748 -	
15/2	-3/2	1	0.1571025 +		17/2	7/2	0	0.4062503 -	
15/2	-1/2	1	-0.2433822 +		17/2	-7/2	1	-0.3102788 -	
15/2	1/2	1	-0.4446174 +		17/2	-5/2	1	-0.4944922 -	
15/2	3/2	1	-0.2759694 +		17/2	-3/2	1	-0.5176108 -	
15/2	5/2	1	0.1969384 +		17/2	-1/2	1	-0.3474810 -	
15/2	7/2	1	0.6016568 +		17/2	1/2	1	-0.0298843 -	
15/2	-7/2	2	0.4015601 +		17/2	3/2	1	0.3191967 -	
15/2	-5/2	2	0.5162916 +		17/2	5/2	1	0.5449390 -	
15/2	-3/2	2	0.3477612 +		17/2	7/2	1	0.5053889 -	
15/2	-1/2	2	-0.0242414 +		17/2	-7/2	2	-0.2236334 -	
15/2	1/2	2	-0.3755468 +		17/2	-5/2	2	-0.4158104 -	
15/2	3/2	2	-0.4314705 +		17/2	-3/2	2	-0.5237853 -	
15/2	5/2	2	-0.0359559 +		17/2	-1/2	2	-0.4725118 -	
15/2	7/2	2	0.5940885 +		17/2	1/2	2	-0.2369300 -	
15/2	-7/2	3	0.3035509 +		17/2	3/2	2	0.1297719 -	
15/2	-5/2	3	0.4876087 +		17/2	5/2	2	0.4832442 -	
15/2	-3/2	3	0.4756927 +		17/2	7/2	2	0.5979842 -	
15/2	-1/2	3	0.2190690 +		17/2	-7/2	3	-0.1500179 -	
15/2	1/2	3	-0.1856753 +		17/2	-5/2	3	-0.3213081 -	
15/2	3/2	3	-0.4774601 +		17/2	-3/2	3	-0.4758079 -	
15/2	5/2	3	-0.2993925 +		17/2	-1/2	3	-0.5330925 -	
15/2	7/2	3	0.5239368 +		17/2	1/2	3	-0.4188370 -	
15/2	-7/2	4	0.2078271 +		17/2	3/2	3	-0.1046254 -	
15/2	-5/2	4	0.4057577 +		17/2	5/2	3	0.3390252 -	
15/2	-3/2	4	0.5178259 +		17/2	7/2	3	0.6685667 -	
15/2	-1/2	4	0.4322189 +		17/2	-7/2	4	-0.0912980 -	
15/2	1/2	4	0.1027525 +		17/2	-5/2	4	-0.2237665 -	
15/2	3/2	4	-0.3550358 +		17/2	-3/2	4	-0.3853300 -	
15/2	5/2	4	-0.5423261 +		17/2	-1/2	4	-0.5199880 -	
15/2	7/2	4	0.3704793 +		17/2	1/2	4	-0.5425300 -	
15/2	-7/2	5	0.1228127 +		17/2	3/2	4	-0.3573639 -	
15/2	-5/2	5	0.2876470 +		17/2	5/2	4	0.0922710 -	
15/2	-3/2	5	0.4618616 +		17/2	7/2	4	0.6904927 -	
15/2	-1/2	5	0.5508020 +		17/2	-7/2	5	-0.0478771 -	
15/2	1/2	5	0.4299697 +		17/2	-5/2	5	-0.1340437 -	
15/2	3/2	5	0.0000000 +		17/2	-3/2	5	-0.2677223 -	
15/2	5/2	5	-0.6567896 +		17/2	-1/2	5	-0.4311254 -	
15/2	-7/2	6	0.0549235 +		17/2	1/2	5	-0.5704949 -	
15/2	-5/2	6	0.1539539 +		17/2	3/2	5	-0.5792463 -	
15/2	-3/2	6	0.3079077 +		17/2	5/2	5	-0.2782074 -	
15/2	-1/2	6	0.4964863 +		17/2	7/2	5	0.6069770 -	
15/2	1/2	6	0.6567896 +		17/2	-7/2	6	-0.0189005 -	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7/2					19/2	-3/2	5	0.0963739 +	
					19/2	-1/2	5	0.1900519 +	
17/2	-5/2	6	-0.0606164 -		19/2	1/2	5	0.3291795 +	
17/2	-3/2	6	-0.1410769 -		19/2	3/2	5	0.5099627 +	
17/2	-1/2	6	-0.2725865 -		19/2	5/2	5	0.7008766 +	
17/2	1/2	6	-0.4571415 -		19/2	7/2	5	0.7947194 +	
17/2	3/2	6	-0.6676979 -		19/2	-7/2	6	0.0044549 +	
17/2	5/2	6	-0.7947194 -		19/2	-5/2	6	0.0160623 +	
19/2	-7/2	0	0.1845419 +		19/2	-3/2	6	0.0424969 +	
19/2	-5/2	0	0.3582791 +		19/2	-1/2	6	0.0950259 +	
19/2	-3/2	0	0.5066831 +		19/2	1/2	6	0.1900519 +	
19/2	-1/2	0	0.5916784 +		19/2	3/2	6	0.3504383 +	
19/2	1/2	0	0.5916784 +		19/2	5/2	6	0.6069770 +	
19/2	3/2	0	0.5066831 +		19/2	7/2	6	1.0000000 +	
19/2	5/2	0	0.3582791 +						
19/2	7/2	0	0.1845419 +		J1 = 4				
19/2	-7/2	1	0.1253716 +		2	-2	0	0.1079584 +	
19/2	-5/2	1	0.2708335 +		2	-1	0	-0.3053524 +	
19/2	-3/2	1	0.4243146 +		2	0	0	0.4181210 +	
19/2	-1/2	1	0.5477878 +		2	1	0	-0.3053524 +	
19/2	1/2	1	0.6056022 +		2	2	0	0.1079584 +	
19/2	3/2	1	0.5745247 +		2	2	0	0.1079584 +	
19/2	5/2	1	0.4520336 +		2	-3	1	-0.0623298 +	
19/2	7/2	1	0.2609817 +		2	-2	1	0.2332168 +	
19/2	-7/2	2	0.0809270 +		2	-1	1	-0.4039433 +	
19/2	-5/2	2	0.1936722 +		2	0	1	0.3687481 +	
19/2	-3/2	2	0.3354501 +		2	1	1	-0.1649091 +	
19/2	-1/2	2	0.4787706 +		2	-4	2	0.0278747 +	
19/2	1/2	2	0.5863718 +		2	-3	2	-0.1576833 +	
19/2	3/2	2	0.6189725 +		2	-2	2	0.3612978 +	
19/2	5/2	2	0.5458824 +		2	-1	2	-0.4171908 +	
19/2	7/2	2	0.3573639 +		2	0	2	0.2332168 +	
19/2	-7/2	3	0.0488008 +		2	-4	3	0.0836242 +	
19/2	-5/2	3	0.1291148 +		2	-3	3	-0.2896827 +	
19/2	-3/2	3	0.2472361 +		2	-2	3	0.4424977 +	
19/2	-1/2	3	0.3909145 +		2	-1	3	-0.3128931 +	
19/2	1/2	3	0.5327267 +		2	-4	4	0.1869894 +	
19/2	3/2	3	0.6303307 +		2	-3	4	-0.4318335 +	
19/2	5/2	3	0.6303307 +		2	-2	4	0.4039433 +	
19/2	7/2	3	0.4764852 +		2	-4	5	0.3580574 +	
19/2	-7/2	4	0.0267293 +		2	-3	5	-0.5063697 +	
19/2	-5/2	4	0.0781829 +		2	-4	6	0.6201737 +	
19/2	-3/2	4	0.1658510 +		3	-3	0	0.1106244 -	
19/2	-1/2	4	0.2917864 +		3	-2	0	-0.3379632 -	
19/2	1/2	4	0.4457111 +		3	-1	0	0.3778543 -	
19/2	3/2	4	0.5979842 +		3	0	0	0.0000000 -	
19/2	5/2	4	0.6904927 +		3	1	0	-0.3778543 -	
19/2	7/2	4	0.6212607 +		3	2	0	0.3379632 -	
19/2	-7/2	5	0.0126003 +		3	3	0	-0.1106244 -	
19/2	-5/2	5	0.0408297 +		3	-4	1	-0.0482805 -	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					4	1	2	-0.4345241	+
					4	2	2	0.2896827	+
3	-3	1	0.2369352	-	4	-4	3	0.4096732	+
3	-2	1	-0.4122729	-	4	-3	3	-0.3238751	+
3	-1	1	0.2019716	-	4	-2	3	-0.2709734	+
3	0	1	0.2607443	-	4	-1	3	0.2709734	+
3	1	1	-0.4056229	-	4	0	3	0.3238751	+
3	2	1	0.1916071	-	4	1	3	-0.4096732	+
3	-4	2	-0.1246596	-	4	-4	4	0.5017452	+
3	-3	2	0.3623715	-	4	-3	4	-0.0793329	+
3	-2	2	-0.3612978	-	4	-2	4	-0.4197902	+
3	-1	2	-0.0737496	-	4	-1	4	-0.0793329	+
3	0	2	0.4171908	-	4	0	4	0.5017452	+
3	1	2	-0.2856310	-	4	-4	5	0.5262348	+
3	-4	3	-0.2365250	-	4	-3	5	0.2631174	+
3	-3	3	0.4345241	-	4	-2	5	-0.2631174	+
3	-2	3	-0.1564466	-	4	-1	5	-0.5262348	+
3	-1	3	-0.3498251	-	4	-4	6	0.4296689	+
3	0	3	0.3832142	-	4	-3	6	0.5683986	+
3	-4	4	-0.3739788	-	4	-2	6	0.4296689	+
3	-3	4	0.3816905	-	5	-4	0	-0.2320477	-
3	-2	4	0.1806489	-	5	-3	0	0.4640955	-
3	-1	4	-0.4693397	-	5	-2	0	-0.1012739	-
3	-4	5	-0.5063697	-	5	-1	0	-0.3789324	-
3	-3	5	0.1132277	-	5	0	0	0.0000000	-
3	-2	5	0.5188745	-	5	1	0	0.3789324	-
3	-4	6	-0.5547002	-	5	2	0	0.1012739	-
3	-3	6	-0.4803845	-	5	3	0	-0.4640955	-
4	-4	0	0.0747958	+	5	4	0	0.2320477	-
4	-3	0	-0.3178820	+	5	-4	1	-0.3544588	-
4	-2	0	0.4113767	+	5	-3	1	0.4092937	-
4	-1	0	0.0186989	+	5	-2	1	0.1653796	-
4	0	0	-0.3739788	+	5	-1	1	-0.3202563	-
4	1	0	0.0186989	+	5	0	1	-0.2614882	-
4	2	0	0.4113767	+	5	1	1	0.2430976	-
4	3	0	-0.3178820	+	5	2	1	0.3445016	-
4	4	0	0.0747958	+	5	3	1	-0.4050957	-
4	-4	1	0.1713786	+	5	4	1	0.1132277	-
4	-3	1	-0.4210377	+	5	-4	2	-0.4576043	-
4	-2	1	0.2570679	+	5	-3	2	0.2445998	-
4	-1	1	0.2709734	+	5	-2	2	0.3580574	-
4	0	1	-0.2709734	+	5	-1	2	-0.0924500	-
4	1	1	-0.2570679	+	5	0	2	-0.3906727	-
4	2	1	0.4210377	+	5	1	2	-0.0427960	-
4	3	1	-0.1713786	+	5	2	2	0.4707565	-
4	-4	2	0.2896827	+	5	3	2	-0.2531848	-
4	-3	2	-0.4345241	+	5	-4	3	-0.5188745	-
4	-2	2	0.0000000	+	5	-3	3	0.0000000	-
4	-1	2	0.3832142	+	5	-2	3	0.3922323	-
4	0	2	0.0000000	+	5	-1	3	0.2096570	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					6	-1	3	-0.4017247 +	
					6	0	3	-0.2487555 +	
5	0	3	-0.2870846 -		6	1	3	0.2369593 +	
5	1	3	-0.3631365 -		6	2	3	0.4490887 +	
5	2	3	0.4059990 -		6	3	3	-0.3638034 +	
5	-4	4	-0.5188745 -		6	-4	4	0.4326266 +	
5	-3	4	-0.2679457 -		6	-3	4	0.4720343 +	
5	-2	4	0.2165328 -		6	-2	4	0.1835132 +	
5	-1	4	0.4219265 -		6	-1	4	-0.2369593 +	
5	0	4	0.0741249 -		6	0	4	-0.4422320 +	
5	1	4	-0.5241424 -		6	1	4	-0.1449428 +	
5	-4	5	-0.4443376 -		6	2	4	0.5325537 +	
5	-3	5	-0.4750169 -		6	-4	5	0.3131121 +	
5	-2	5	-0.1554858 -		6	-3	5	0.4900980 +	
5	-1	5	0.3109715 -		6	-2	5	0.4490887 +	
5	0	5	0.5497252 -		6	-1	5	0.1449428 +	
5	-4	6	-0.2908872 -		6	0	5	-0.3040345 +	
5	-3	6	-0.5038315 -		6	1	5	-0.5887603 +	
5	-2	6	-0.5712912 -		6	-4	6	0.1714986 +	
5	-1	6	-0.4258153 -		6	-3	6	0.3638034 +	
6	-4	0	0.4326266 +		6	-2	6	0.5325537 +	
6	-3	0	-0.3351111 +		6	-1	6	0.5887603 +	
6	-2	0	-0.3283948 +		6	0	6	0.4560517 +	
6	-1	0	0.1335115 +		7	-4	0	-0.5627984 -	
6	0	0	0.3869530 +		7	-3	0	-0.0599945 -	
6	1	0	0.1335115 +		7	-2	0	0.3628127 -	
6	2	0	-0.3283948 +		7	-1	0	0.3534807 -	
6	3	0	-0.3351111 +		7	0	0	0.0000000 -	
6	4	0	0.4326266 +		7	1	0	-0.3534807 -	
6	-4	1	0.5118907 +		7	2	0	-0.3628127 -	
6	-3	1	-0.1206538 +		7	3	0	0.0599945 -	
6	-2	1	-0.4078843 +		7	4	0	0.5627984 -	
6	-1	1	-0.1335115 +		7	-4	1	-0.5498588 -	
6	0	1	0.2948213 +		7	-3	1	-0.2749294 -	
6	1	1	0.3452787 +		7	-2	1	0.1799835 -	
6	2	1	-0.1105580 +		7	-1	1	0.4081643 -	
6	3	1	-0.4720343 +		7	0	1	0.2439248 -	
6	4	1	0.3131121 +		7	1	1	-0.1632927 -	
6	-4	2	0.5395802 +		7	2	1	-0.4304990 -	
6	-3	2	0.1206538 +		7	3	1	-0.1842190 -	
6	-2	2	-0.3283948 +		7	4	1	0.5210501 -	
6	-1	2	-0.3452787 +		7	-4	2	-0.4918087 -	
6	0	2	0.0506724 +		7	-3	2	-0.4259188 -	
6	1	2	0.4017247 +		7	-2	2	-0.0608455 -	
6	2	2	0.1835132 +		7	-1	2	0.3104656 -	
6	3	2	-0.4900980 +		7	0	2	0.3988804 -	
6	4	2	0.1714986 +		7	1	2	0.1062207 -	
6	-4	3	0.5118907 +		7	2	2	-0.3425257 -	
6	-3	3	0.3351111 +		7	3	2	-0.4077862 -	
6	-2	3	-0.1105580 +		7	4	2	0.4200840 -	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					8	-4	2	0.3467429	+
					8	-3	2	0.4981871	+
7	-4	3	-0.4015601	-	8	-2	2	0.4319755	+
7	-3	3	-0.4932702	-	8	-1	2	0.1606063	+
7	-2	3	-0.2954201	-	8	0	2	-0.1924172	+
7	-1	3	0.0829333	-	8	1	2	-0.4302070	+
7	0	3	0.3909129	-	8	2	2	-0.3632692	+
7	1	3	0.3596336	-	8	3	2	0.0662266	+
7	2	3	-0.0882263	-	8	4	2	0.6069770	+
7	3	3	-0.5445811	-	8	-4	3	0.2486622	+
7	4	3	0.2619684	-	8	-3	3	0.4351589	+
7	-4	4	-0.2939119	-	8	-2	3	0.4973399	+
7	-3	4	-0.4721251	-	8	-1	3	0.3673741	+
7	-2	4	-0.4605875	-	8	0	3	0.0601233	+
7	-1	4	-0.2121126	-	8	1	3	-0.2985247	+
7	0	4	0.1797794	-	8	2	3	-0.4778948	+
7	1	4	0.4622987	-	8	3	3	-0.2145988	+
7	2	4	0.2898855	-	8	4	3	0.5540916	+
7	3	4	-0.5072997	-	8	-4	4	0.1605108	+
7	-4	5	-0.1842190	-	8	-3	4	0.3343975	+
7	-3	5	-0.3722562	-	8	-2	4	0.4751325	+
7	-2	5	-0.5024986	-	8	-1	4	0.4958134	+
7	-1	5	-0.4713855	-	8	0	4	0.3287716	+
7	0	5	-0.2108100	-	8	1	4	-0.0228504	+
7	1	5	0.2403604	-	8	2	4	-0.4188539	+
7	2	5	0.6359338	-	8	3	4	-0.5007305	+
7	-4	6	-0.0868417	-	8	4	4	0.4046513	+
7	-3	6	-0.2171042	-	8	-4	5	0.0887257	+
7	-2	6	-0.3848846	-	8	-3	5	0.2174619	+
7	-1	6	-0.5443091	-	8	-2	5	0.3744735	+
7	0	6	-0.6206078	-	8	-1	5	0.5053375	+
7	1	6	-0.5192378	-	8	0	5	0.5272444	+
8	-4	0	0.5323540	+	8	1	5	0.3472953	+
8	-3	0	0.4373735	+	8	2	5	-0.0896713	+
8	-2	0	0.0767388	+	8	3	5	-0.6710383	+
8	-1	0	-0.2837456	+	8	-4	6	0.0367359	+
8	0	0	-0.4306956	+	8	-3	6	0.1055159	+
8	1	0	-0.2837456	+	8	-2	6	0.2184386	+
8	2	0	0.0767388	+	8	-1	6	0.3712743	+
8	3	0	0.4373735	+	8	0	6	0.5380276	+
8	4	0	0.5323540	+	8	1	6	0.6589465	+
8	-4	1	0.4453993	+	8	2	6	0.6212607	+
8	-3	1	0.5039715	+	9	-4	0	-0.3597385	-
8	-2	1	0.2848245	+	9	-3	0	-0.5184383	-
8	-1	1	-0.0743021	+	9	-2	0	-0.4938536	-
8	0	1	-0.3681098	+	9	-1	0	-0.2978049	-
8	1	1	-0.4165514	+	9	0	0	0.0000000	-
8	2	1	-0.1563205	+	9	1	0	0.2978049	-
8	3	1	0.2904229	+	9	2	0	0.4938536	-
8	4	1	0.5923489	+	9	3	0	0.5184383	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 4					9	-2	6	-0.0939336	-	
					9	-1	6	-0.1852396	-	
	9	4	0	0.3597385	-	9	0	6	-0.3208445	-
	9	-4	1	-0.2639759	-	9	1	6	-0.4970501	-
	9	-3	1	-0.4480560	-	9	2	6	-0.6831301	-
	9	-2	1	-0.5198909	-	9	3	6	-0.7745967	-
	9	-1	1	-0.4359418	-	10	-4	0	0.1543989	+
	9	0	1	-0.2055049	-	10	-3	0	0.3087977	+
	9	1	1	0.1077677	-	10	-2	0	0.4531912	+
	9	2	1	0.3990940	-	10	-1	0	0.5550436	+
	9	3	1	0.5495096	-	10	0	0	0.5916784	+
	9	4	1	0.4644204	-	10	1	0	0.5550436	+
	9	-4	2	-0.1821607	-	10	2	0	0.4531912	+
	9	-3	2	-0.3570028	-	10	3	0	0.3087977	+
	9	-2	2	-0.4873977	-	10	4	0	0.1543989	+
	9	-1	2	-0.5085988	-	10	-4	1	0.1010778	+
	9	0	2	-0.3810163	-	10	-3	1	0.2242715	+
	9	1	2	-0.1115502	-	10	-2	1	0.3633613	+
	9	2	2	0.2322102	-	10	-1	1	0.4899563	+
	9	3	2	0.5192378	-	10	0	1	0.5745247	+
	9	4	2	0.5687965	-	10	1	1	0.5933665	+
	9	-4	3	-0.1165103	-	10	2	1	0.5348534	+
	9	-3	3	-0.2605251	-	10	3	1	0.4043111	+
	9	-2	3	-0.4110099	-	10	4	1	0.2260168	+
	9	-1	3	-0.5111871	-	10	-4	2	0.0626858	+
	9	0	3	-0.4988675	-	10	-3	2	0.1535482	+
	9	1	3	-0.3283948	-	10	-2	2	0.2738939	+
	9	2	3	0.0000000	-	10	-1	2	0.4062503	+
	9	3	3	0.4021998	-	10	0	2	0.5244669	+
	9	4	3	0.6567896	-	10	1	2	0.5979842	+
	9	-4	4	-0.0672673	-	10	2	2	0.5979842	+
	9	-3	4	-0.1704694	-	10	3	2	0.5053889	+
	9	-2	4	-0.3079718	-	10	4	2	0.3196360	+
	9	-1	4	-0.4480560	-	10	-4	3	0.0361917	+
	9	0	4	-0.5362664	-	10	-3	3	0.0976016	+
	9	1	4	-0.5016313	-	10	-2	3	0.1915082	+
	9	2	4	-0.2747548	-	10	-1	3	0.3127316	+
	9	3	4	0.1695823	-	10	0	3	0.4457111	+
	9	4	4	0.6992059	-	10	1	3	0.5637849	+
	9	-4	5	-0.0332578	-	10	2	3	0.6303307	+
	9	-3	5	-0.0952623	-	10	3	3	0.6027115	+
	9	-2	5	-0.1965003	-	10	4	3	0.4392977	+
	9	-1	5	-0.3323515	-	10	-4	4	0.0189005	+
	9	0	5	-0.4782867	-	10	-3	4	0.0560679	+
	9	1	5	-0.5798918	-	10	-2	4	0.1211204	+
	9	2	5	-0.5411196	-	10	-1	4	0.2183530	+
	9	3	5	-0.2108185	-	10	0	4	0.3452464	+
	9	4	5	0.6324555	-	10	1	4	0.4882521	+
	9	-4	6	-0.0122813	-	10	2	4	0.6175955	+
	9	-3	6	-0.0397959	-	10	3	4	0.6805570	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 4					5/2	3/2	0	-0.3832142	+
					5/2	5/2	0	0.1869894	+
10	4	4	0.5893797	+	5/2	-7/2	1	-0.1154124	+
10	-4	5	0.0084525	+	5/2	-5/2	1	0.3354909	+
10	-3	5	0.0276059	+	5/2	-3/2	1	-0.3344968	+
10	-2	5	0.0658359	+	5/2	-1/2	1	-0.0682789	+
10	-1	5	0.1316718	+	5/2	1/2	1	0.3862436	+
10	0	5	0.2327650	+	5/2	3/2	1	-0.2644429	+
10	1	5	0.3724241	+	5/2	-9/2	2	0.0547449	+
10	2	5	0.5428967	+	5/2	-7/2	2	-0.2529875	+
10	3	5	0.7108187	+	5/2	-5/2	2	0.3924020	+
10	4	5	0.7745967	+	5/2	-3/2	2	-0.1057772	+
10	-4	6	0.0028175	+	5/2	-1/2	2	-0.3358876	+
10	-3	6	0.0101587	+	5/2	1/2	2	0.3413944	+
10	-2	6	0.0268774	+	5/2	-9/2	3	0.1468960	+
10	-1	6	0.0600997	+	5/2	-7/2	3	-0.3808608	+
10	0	6	0.1201994	+	5/2	-5/2	3	0.2769897	+
10	1	6	0.2216367	+	5/2	-3/2	3	0.2243873	+
10	2	6	0.3838859	+	5/2	-1/2	3	-0.4096732	+
10	3	6	0.6324555	+	5/2	-9/2	4	0.2844628	+
10	4	6	1.0000000	+	5/2	-7/2	4	-0.4108907	+
					5/2	-5/2	4	-0.0446990	+
J1 = 9/2					5/2	-3/2	4	0.4580286	+
					5/2	-9/2	5	0.4447496	+
3/2	-3/2	0	0.1672484	-	5/2	-7/2	5	-0.2096570	+
3/2	-1/2	0	-0.3547874	-	5/2	-5/2	5	-0.4688072	+
3/2	1/2	0	0.3547874	-	5/2	-9/2	6	0.5447048	+
3/2	3/2	0	-0.1672484	-	5/2	-7/2	6	0.4059990	+
3/2	-5/2	1	-0.1182625	-	7/2	-7/2	0	0.1615773	-
3/2	-3/2	1	0.3128931	-	7/2	-5/2	0	-0.3969581	-
3/2	-1/2	1	-0.3832142	-	7/2	-3/2	0	0.2423660	-
3/2	1/2	1	0.2212488	-	7/2	-1/2	0	0.2554762	-
3/2	-7/2	2	0.0747958	-	7/2	1/2	0	-0.2554762	-
3/2	-5/2	2	-0.2591001	-	7/2	3/2	0	-0.2423660	-
3/2	-3/2	2	0.3957820	-	7/2	5/2	0	0.3969581	-
3/2	-1/2	2	-0.2798601	-	7/2	7/2	0	-0.1615773	-
3/2	-9/2	3	-0.0373979	-	7/2	-9/2	1	-0.0747958	-
3/2	-7/2	3	0.1943251	-	7/2	-7/2	1	0.3109715	-
3/2	-5/2	3	-0.3886502	-	7/2	-5/2	1	-0.3835617	-
3/2	-3/2	3	0.3427572	-	7/2	-3/2	1	-0.0482805	-
3/2	-9/2	4	-0.1182625	-	7/2	-1/2	1	0.3547874	-
3/2	-7/2	4	0.3547874	-	7/2	1/2	1	0.0305352	-
3/2	-5/2	4	-0.4096732	-	7/2	3/2	1	-0.4102418	-
3/2	-9/2	5	-0.2773501	-	7/2	5/2	1	0.2617852	-
3/2	-7/2	5	0.4803845	-	7/2	-9/2	2	-0.1787961	-
3/2	-9/2	6	-0.5547002	-	7/2	-7/2	2	0.4129118	-
5/2	-5/2	0	0.1869894	+	7/2	-5/2	2	-0.1999001	-
5/2	-3/2	0	-0.3832142	+	7/2	-3/2	2	-0.3053524	-
5/2	-1/2	0	0.2212488	+	7/2	-1/2	2	0.1931218	-
5/2	1/2	0	0.2212488	+	7/2	1/2	2	0.3344968	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					9/2	-5/2	3	-0.3739788	+
					9/2	-3/2	3	0.0000000	+
7/2	3/2	2	-0.3612978	-	9/2	-1/2	3	0.3739788	+
7/2	-9/2	3	-0.3096839	-	9/2	1/2	3	0.1869894	+
7/2	-7/2	3	0.3998001	-	9/2	3/2	3	-0.4580286	+
7/2	-5/2	3	0.0999500	-	9/2	-9/2	4	0.5120916	+
7/2	-3/2	3	-0.3547874	-	9/2	-7/2	4	0.1024183	+
7/2	-1/2	3	-0.1672484	-	9/2	-5/2	4	-0.3344968	+
7/2	1/2	3	0.4424977	-	9/2	-3/2	4	-0.3344968	+
7/2	-9/2	4	-0.4379591	-	9/2	-1/2	4	0.1024183	+
7/2	-7/2	4	0.2189796	-	9/2	1/2	4	0.5120916	+
7/2	-5/2	4	0.3675118	-	9/2	-9/2	5	0.4803845	+
7/2	-3/2	4	-0.0747958	-	9/2	-7/2	5	0.3922323	+
7/2	-1/2	4	-0.4847319	-	9/2	-5/2	5	0.0000000	+
7/2	-9/2	5	-0.5135526	-	9/2	-3/2	5	-0.3922323	+
7/2	-7/2	5	-0.1325987	-	9/2	-1/2	5	-0.4803845	+
7/2	-5/2	5	0.3445016	-	9/2	-9/2	6	0.3396831	+
7/2	-3/2	5	0.4640955	-	9/2	-7/2	6	0.5188745	+
7/2	-9/2	6	-0.4593354	-	9/2	-5/2	6	0.5188745	+
7/2	-7/2	6	-0.5303948	-	9/2	-3/2	6	0.3396831	+
7/2	-5/2	6	-0.3508232	-	11/2	-9/2	0	-0.2788293	-
9/2	-9/2	0	0.1024183	+	11/2	-7/2	0	0.4572196	-
9/2	-7/2	0	-0.3755338	+	11/2	-5/2	0	0.0479956	-
9/2	-5/2	0	0.3413944	+	11/2	-3/2	0	-0.3554824	-
9/2	-3/2	0	0.2048366	+	11/2	-1/2	0	-0.2146429	-
9/2	-1/2	0	-0.2731155	+	11/2	1/2	0	0.2146429	-
9/2	1/2	0	-0.2731155	+	11/2	3/2	0	0.3554824	-
9/2	3/2	0	0.2048366	+	11/2	5/2	0	-0.0479956	-
9/2	5/2	0	0.3413944	+	11/2	7/2	0	-0.4572196	-
9/2	7/2	0	-0.3755338	+	11/2	9/2	0	0.2788293	-
9/2	9/2	0	0.1024183	+	11/2	-9/2	1	-0.4040621	-
9/2	-9/2	1	0.2212488	+	11/2	-7/2	1	0.3369677	-
9/2	-7/2	1	-0.4424977	+	11/2	-5/2	1	0.2932580	-
9/2	-5/2	1	0.0965609	+	11/2	-3/2	1	-0.1622548	-
9/2	-3/2	1	0.3612978	+	11/2	-1/2	1	-0.3643213	-
9/2	-1/2	1	0.0000000	+	11/2	1/2	1	-0.0727782	-
9/2	1/2	1	-0.3612978	+	11/2	3/2	1	0.3442285	-
9/2	3/2	1	-0.0965609	+	11/2	5/2	1	0.2437200	-
9/2	5/2	1	0.4424977	+	11/2	7/2	1	-0.4445844	-
9/2	7/2	1	-0.2212488	+	11/2	9/2	1	0.1426954	-
9/2	-9/2	2	0.3498251	+	11/2	-9/2	2	-0.4918087	-
9/2	-7/2	2	-0.3816905	+	11/2	-7/2	2	0.1159204	-
9/2	-5/2	2	-0.1869894	+	11/2	-5/2	2	0.3918825	-
9/2	-3/2	2	0.2856310	+	11/2	-3/2	2	0.1282737	-
9/2	-1/2	2	0.2856310	+	11/2	-1/2	2	-0.2832552	-
9/2	1/2	2	-0.1869894	+	11/2	1/2	2	-0.3317330	-
9/2	3/2	2	-0.3816905	+	11/2	3/2	2	0.1062207	-
9/2	5/2	2	0.3498251	+	11/2	5/2	2	0.4535159	-
9/2	-9/2	3	0.4580286	+	11/2	7/2	2	-0.3008284	-
9/2	-7/2	3	-0.1869894	+	11/2	-9/2	3	-0.5216419	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					13/2	-3/2	2	-0.3912347	+
					13/2	-1/2	2	-0.1859415	+
11/2	-7/2	3	-0.1469559	-	13/2	1/2	2	0.2129594	+
11/2	-5/2	3	0.2939119	-	13/2	3/2	2	0.4006114	+
11/2	-3/2	3	0.3577564	-	13/2	5/2	2	0.0689285	+
11/2	-1/2	3	0.0093887	-	13/2	7/2	2	-0.5065186	+
11/2	1/2	3	-0.3740181	-	13/2	9/2	2	0.2029199	+
11/2	3/2	3	-0.2672063	-	13/2	-9/2	3	0.4751323	+
11/2	5/2	3	0.4512426	-	13/2	-7/2	3	0.4114767	+
11/2	-9/2	4	-0.4829465	-	13/2	-5/2	3	0.0587824	+
11/2	-7/2	4	-0.3756251	-	13/2	-3/2	3	-0.2999383	+
11/2	-5/2	4	0.0181406	-	13/2	-1/2	3	-0.3853551	+
11/2	-3/2	4	0.3610918	-	13/2	1/2	3	-0.1026189	+
11/2	-1/2	4	0.3503371	-	13/2	3/2	3	0.3309113	+
11/2	1/2	4	-0.0663879	-	13/2	5/2	3	0.3939589	+
11/2	3/2	4	-0.5393381	-	13/2	7/2	3	-0.4058397	+
11/2	-9/2	5	-0.3775367	-	13/2	-9/2	4	0.3756251	+
11/2	-7/2	5	-0.4892510	-	13/2	-7/2	4	0.4829465	+
11/2	-5/2	5	-0.3309113	-	13/2	-5/2	4	0.3253009	+
11/2	-3/2	5	0.0341107	-	13/2	-3/2	4	-0.0226758	+
11/2	-1/2	5	0.4048031	-	13/2	-1/2	4	-0.3512919	+
11/2	1/2	5	0.5163769	-	13/2	1/2	4	-0.4036037	+
11/2	-9/2	6	-0.2210628	-	13/2	3/2	4	-0.0336336	+
11/2	-7/2	6	-0.4168401	-	13/2	5/2	4	0.5557189	+
11/2	-5/2	6	-0.5414912	-	13/2	-9/2	5	0.2516911	+
11/2	-3/2	6	-0.5284413	-	13/2	-7/2	5	0.4359418	+
11/2	-1/2	6	-0.3577564	-	13/2	-5/2	5	0.4873977	+
13/2	-9/2	0	0.4708710	+	13/2	-3/2	5	0.3363364	+
13/2	-7/2	0	-0.2459043	+	13/2	-1/2	5	0.0000000	+
13/2	-5/2	0	-0.3888089	+	13/2	1/2	5	-0.3864211	+
13/2	-3/2	0	-0.0379439	+	13/2	3/2	5	-0.5687965	+
13/2	-1/2	0	0.3219644	+	13/2	-9/2	6	0.1258456	+
13/2	1/2	0	0.3219644	+	13/2	-7/2	6	0.2813992	+
13/2	3/2	0	-0.0379439	+	13/2	-5/2	6	0.4449312	+
13/2	5/2	0	-0.3888089	+	13/2	-3/2	6	0.5577508	+
13/2	7/2	0	-0.2459043	+	13/2	-1/2	6	0.5577508	+
13/2	9/2	0	0.4708710	+	13/2	1/2	6	0.4021998	+
13/2	-9/2	1	0.5312141	+	15/2	-9/2	0	-0.5657528	-
13/2	-7/2	1	0.0000000	+	15/2	-7/2	0	-0.1633188	-
13/2	-5/2	1	-0.3756251	+	15/2	-5/2	0	0.2752737	-
13/2	-3/2	1	-0.2839459	+	15/2	-3/2	0	0.4001559	-
13/2	-1/2	1	0.0993604	+	15/2	-1/2	0	0.1809283	-
13/2	1/2	1	0.3728772	+	15/2	1/2	0	-0.1809283	-
13/2	3/2	1	0.2356538	+	15/2	3/2	0	-0.4001559	-
13/2	5/2	1	-0.2276632	+	15/2	5/2	0	-0.2752737	-
13/2	7/2	1	-0.4359418	+	15/2	7/2	0	0.1633188	-
13/2	9/2	1	0.3559450	+	15/2	9/2	0	0.5657528	-
13/2	-9/2	2	0.5312141	+	15/2	-9/2	1	-0.5292133	-
13/2	-7/2	2	0.2375662	+	15/2	-7/2	1	-0.3567955	-
13/2	-5/2	2	-0.2057383	+	15/2	-5/2	1	0.0460621	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					15/2	-1/2	6	-0.5695088	-
					15/2	1/2	6	-0.6027115	-
15/2	-3/2	1	0.3533199	-	15/2	3/2	6	-0.4764852	-
15/2	-1/2	1	0.3629321	-	17/2	-9/2	0	0.5007734	+
15/2	1/2	1	0.0808983	-	17/2	-7/2	0	0.4762019	+
15/2	3/2	1	-0.2836298	-	17/2	-5/2	0	0.1903232	+
15/2	5/2	1	-0.4158104	-	17/2	-3/2	0	-0.1605580	+
15/2	7/2	1	-0.0872975	-	17/2	-1/2	0	-0.3908499	+
15/2	9/2	1	0.5451730	-	17/2	1/2	0	-0.3908499	+
15/2	-9/2	2	-0.4513146	-	17/2	3/2	0	-0.1605580	+
15/2	-7/2	2	-0.4661157	-	17/2	5/2	0	0.1903232	+
15/2	-5/2	2	-0.1981971	-	17/2	7/2	0	0.4762019	+
15/2	-3/2	2	0.1657922	-	17/2	9/2	0	0.5007734	+
15/2	-1/2	2	0.3915204	-	17/2	-9/2	1	0.4025402	+
15/2	1/2	2	0.3187785	-	17/2	-7/2	1	0.5060247	+
15/2	3/2	2	-0.0313022	-	17/2	-5/2	1	0.3712304	+
15/2	5/2	2	-0.4002857	-	17/2	-3/2	1	0.0738637	+
15/2	7/2	2	-0.3447977	-	17/2	-1/2	1	-0.2412378	+
15/2	9/2	2	0.4561245	-	17/2	1/2	1	-0.4180537	+
15/2	-9/2	3	-0.3495868	-	17/2	3/2	1	-0.3519753	+
15/2	-7/2	3	-0.4844817	-	17/2	5/2	1	-0.0447267	+
15/2	-5/2	3	-0.3908887	-	17/2	7/2	1	0.3605981	+
15/2	-3/2	3	-0.1003525	-	17/2	9/2	1	0.5782433	+
15/2	-1/2	3	0.2398019	-	17/2	-9/2	2	0.3000357	+
15/2	1/2	3	0.4195789	-	17/2	-7/2	2	0.4672940	+
15/2	3/2	3	0.2695786	-	17/2	-5/2	2	0.4714798	+
15/2	5/2	3	-0.1867654	-	17/2	-3/2	2	0.2919719	+
15/2	7/2	3	-0.5321452	-	17/2	-1/2	2	-0.0106613	+
15/2	9/2	3	0.2944271	-	17/2	1/2	2	-0.3073870	+
15/2	-9/2	4	-0.2412378	-	17/2	3/2	2	-0.4398169	+
15/2	-7/2	4	-0.4221661	-	17/2	5/2	2	-0.2850778	+
15/2	-5/2	4	-0.4824905	-	17/2	7/2	2	0.1523805	+
15/2	-3/2	4	-0.3564052	-	17/2	9/2	2	0.6133196	+
15/2	-1/2	4	-0.0583281	-	17/2	-9/2	3	0.2051535	+
15/2	1/2	4	0.2896115	-	17/2	-7/2	3	0.3822809	+
15/2	3/2	4	0.4636261	-	17/2	-5/2	3	0.4842225	+
15/2	5/2	4	0.2081914	-	17/2	-3/2	3	0.4439509	+
15/2	7/2	4	-0.5375478	-	17/2	-1/2	3	0.2405638	+
15/2	-9/2	5	-0.1414382	-	17/2	1/2	3	-0.0756019	+
15/2	-7/2	5	-0.3029321	-	17/2	3/2	3	-0.3732545	+
15/2	-5/2	5	-0.4485960	-	17/2	5/2	3	-0.4571415	+
15/2	-3/2	5	-0.5026044	-	17/2	7/2	3	-0.1362933	+
15/2	-1/2	5	-0.3948833	-	17/2	9/2	3	0.5782433	+
15/2	1/2	5	-0.0986418	-	17/2	-9/2	4	0.1256303	+
15/2	3/2	5	0.3196360	-	17/2	-7/2	4	0.2745255	+
15/2	5/2	5	0.6303307	-	17/2	-5/2	4	0.4192960	+
15/2	-9/2	6	-0.0617287	-	17/2	-3/2	4	0.4960789	+
15/2	-7/2	6	-0.1593828	-	17/2	-1/2	4	0.4416945	+
15/2	-5/2	6	-0.2955036	-	17/2	1/2	4	0.2225660	+
15/2	-3/2	6	-0.4467595	-	17/2	3/2	4	-0.1274907	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9/2					19/2	7/2	2	0.5402835	-
					19/2	9/2	2	0.5402835	-
17/2	5/2	4	-0.4603472	+	19/2	-9/2	3	-0.0917626	-
17/2	7/2	4	-0.4574800	+	19/2	-7/2	3	-0.2121172	-
17/2	9/2	4	0.4352858	+	19/2	-5/2	3	-0.3504545	-
17/2	-9/2	5	0.0654732	+	19/2	-3/2	3	-0.4672322	-
17/2	-7/2	5	0.1659228	+	19/2	-1/2	3	-0.5139554	-
17/2	-5/2	5	0.2997578	+	19/2	1/2	3	-0.4457111	-
17/2	-3/2	5	0.4361057	+	19/2	3/2	3	-0.2382426	-
17/2	-1/2	5	0.5219634	+	19/2	5/2	3	0.0900472	-
17/2	1/2	5	0.4882521	+	19/2	7/2	3	0.4502362	-
17/2	3/2	5	0.2674267	+	19/2	9/2	3	0.6430660	-
17/2	5/2	5	-0.1650593	+	19/2	-9/2	4	-0.0505136	-
17/2	7/2	5	-0.6805570	+	19/2	-7/2	4	-0.1313355	-
17/2	-9/2	6	0.0253576	+	19/2	-5/2	4	-0.2457177	-
17/2	-7/2	6	0.0741708	+	19/2	-3/2	4	-0.3761147	-
17/2	-5/2	6	0.1573401	+	19/2	-1/2	4	-0.4882521	-
17/2	-3/2	6	0.2768129	+	19/2	1/2	4	-0.5327267	-
17/2	-1/2	6	0.4228387	+	19/2	3/2	4	-0.4520336	-
17/2	1/2	6	0.5672977	+	19/2	5/2	4	-0.1972836	-
17/2	3/2	6	0.6550589	+	19/2	7/2	4	0.2348145	-
17/2	5/2	6	0.5893797	+	19/2	9/2	4	0.7044435	-
19/2	-9/2	0	-0.3196360	-	19/2	-9/2	5	-0.0236930	-
19/2	-7/2	0	-0.4882521	-	19/2	-7/2	5	-0.0690558	-
19/2	-5/2	0	-0.5118273	-	19/2	-5/2	5	-0.1458203	-
19/2	-3/2	0	-0.3830164	-	19/2	-3/2	5	-0.2549813	-
19/2	-1/2	0	-0.1414382	-	19/2	-1/2	5	-0.3861642	-
19/2	1/2	0	0.1414382	-	19/2	1/2	5	-0.5114782	-
19/2	3/2	0	0.3830164	-	19/2	3/2	5	-0.5782433	-
19/2	5/2	0	0.5118273	-	19/2	5/2	5	-0.5006262	-
19/2	7/2	0	0.4882521	-	19/2	7/2	5	-0.1501879	-
19/2	9/2	0	0.3196360	-	19/2	9/2	5	0.6546537	-
19/2	-9/2	1	-0.2260168	-	19/2	-9/2	6	-0.0082488	-
19/2	-7/2	1	-0.4027810	-	19/2	-7/2	6	-0.0269406	-
19/2	-5/2	1	-0.5029765	-	19/2	-5/2	6	-0.0642493	-
19/2	-3/2	1	-0.4811275	-	19/2	-3/2	6	-0.1284985	-
19/2	-1/2	1	-0.3273658	-	19/2	-1/2	6	-0.2271554	-
19/2	1/2	1	-0.0723833	-	19/2	1/2	6	-0.3634487	-
19/2	3/2	1	0.2171499	-	19/2	3/2	6	-0.5298129	-
19/2	5/2	1	0.4520336	-	19/2	5/2	6	-0.6936880	-
19/2	7/2	1	0.5425300	-	19/2	7/2	6	-0.7559289	-
19/2	9/2	1	0.4271316	-					
19/2	-9/2	2	-0.1498477	-	J1 = 5				
19/2	-7/2	2	-0.3058753	-					
19/2	-5/2	2	-0.4426794	-	1	-1	0	0.2290143	+
19/2	-3/2	2	-0.5071529	-	1	0	0	-0.3547874	+
19/2	-1/2	2	-0.4577922	-	1	1	0	0.2290143	+
19/2	1/2	2	-0.2803393	-	1	-2	1	-0.1869894	+
19/2	3/2	2	0.0000000	-	1	-1	1	0.3498251	+
19/2	5/2	2	0.3119328	-	1	0	1	-0.2709734	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					3	-4	1	-0.1672484	+
					3	-3	1	0.3862436	+
1	-3	2	0.1448414	+	3	-2	1	-0.1869894	+
1	-2	2	-0.3344968	+	3	-1	1	-0.2856310	+
1	-1	2	0.3128931	+	3	0	1	0.1806489	+
1	-4	3	-0.1024183	+	3	1	1	0.3128931	+
1	-3	3	0.3072549	+	3	2	1	-0.3379632	+
1	-2	3	-0.3547874	+	3	-5	2	0.0836242	+
1	-5	4	0.0591312	+	3	-4	2	-0.3238751	+
1	-4	4	-0.2644429	+	3	-3	2	0.3379632	+
1	-3	4	0.3966644	+	3	-2	2	0.1365577	+
1	-5	5	0.1961161	+	3	-1	2	-0.3128931	+
1	-4	5	-0.4385290	+	3	0	2	-0.1806489	+
1	-5	6	0.4803845	+	3	1	2	0.4039433	+
2	-2	0	0.2644429	-	3	-5	3	0.2048366	+
2	-1	0	-0.3498251	-	3	-4	3	-0.4096732	+
2	0	0	0.0000000	-	3	-3	3	0.0836242	+
2	1	0	0.3498251	-	3	-2	3	0.3547874	+
2	2	0	-0.2644429	-	3	-1	3	0.0000000	+
2	-3	1	-0.1999001	-	3	0	3	-0.4424977	+
2	-2	1	0.3672399	-	3	-5	4	0.3547874	+
2	-1	1	-0.1322215	-	3	-4	4	-0.3238751	+
2	0	1	-0.2956562	-	3	-3	4	-0.2644429	+
2	1	1	0.3238751	-	3	-2	4	0.2048366	+
2	-4	2	0.1340970	-	3	-1	4	0.4424977	+
2	-3	2	-0.3476767	-	3	-5	5	0.4803845	+
2	-2	2	0.2528558	-	3	-4	5	0.0000000	+
2	-1	2	0.2048366	-	3	-3	5	-0.3922323	+
2	0	2	-0.3739788	-	3	-2	5	-0.3922323	+
2	-5	3	-0.0706753	-	3	-5	6	0.4803845	+
2	-4	3	0.2905436	-	3	-4	6	0.4803845	+
2	-3	3	-0.3483943	-	3	-3	6	0.2773501	+
2	-2	3	-0.0774210	-	4	-4	0	0.2098951	-
2	-1	3	0.4096732	-	4	-3	0	-0.4197902	-
2	-5	4	-0.1935524	-	4	-2	0	0.0916057	-
2	-4	4	0.3998001	-	4	-1	0	0.3427572	-
2	-3	4	-0.0865593	-	4	0	0	0.0000000	-
2	-2	4	-0.4240521	-	4	1	0	-0.3427572	-
2	-5	5	-0.3706247	-	4	2	0	-0.0916057	-
2	-4	5	0.2870846	-	4	3	0	0.4197902	-
2	-3	5	0.4059990	-	4	4	0	-0.2098951	-
2	-5	6	-0.5241424	-	4	-5	1	-0.1024183	-
2	-4	6	-0.3314968	-	4	-4	1	0.3664229	-
3	-3	0	0.2554762	+	4	-3	1	-0.3116134	-
3	-2	0	-0.3832142	+	4	-2	1	-0.2198901	-
3	-1	0	0.0000000	+	4	-1	1	0.2365250	-
3	0	0	0.3379632	+	4	0	1	0.2896827	-
3	1	0	0.0000000	+	4	1	1	-0.1495915	-
3	2	0	-0.3832142	+	4	2	1	-0.3702201	-
3	3	0	0.2554762	+	4	3	1	0.3206200	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					5	2	1	0.0459523	+
					5	3	1	0.4377545	+
4	-5	2	-0.2290143	-	5	4	1	-0.2669587	+
4	-4	2	0.4258153	-	5	-5	2	0.3979586	+
4	-3	2	-0.0387105	-	5	-4	2	-0.3082574	+
4	-2	2	-0.3533767	-	5	-3	2	-0.3020793	+
4	-1	2	-0.0836242	-	5	-2	2	0.1228127	+
4	0	2	0.3238751	-	5	-1	2	0.3559450	+
4	1	2	0.2212488	-	5	0	2	0.1228127	+
4	2	2	-0.4139187	-	5	1	2	-0.3020793	+
4	-5	3	-0.3672399	-	5	2	2	-0.3082574	+
4	-4	3	0.3284693	-	5	3	2	0.3979586	+
4	-3	3	0.2596778	-	5	-5	3	0.4873977	+
4	-2	3	-0.1896419	-	5	-4	3	-0.0582552	+
4	-1	3	-0.3547874	-	5	-3	3	-0.3760355	+
4	0	3	0.0000000	-	5	-2	3	-0.2018018	+
4	1	3	0.4693397	-	5	-1	3	0.2018018	+
4	-5	4	-0.4741047	-	5	0	3	0.3760355	+
4	-4	4	0.0670485	-	5	1	3	0.0582552	+
4	-3	4	0.3816469	-	5	2	3	-0.4873977	+
4	-2	4	0.1958613	-	5	-5	4	0.5045046	+
4	-1	4	-0.2423660	-	5	-4	4	0.2330207	+
4	0	4	-0.4693397	-	5	-3	4	-0.1955385	+
4	-5	5	-0.4972452	-	5	-2	4	-0.3899182	+
4	-4	5	-0.2812843	-	5	-1	4	-0.1955385	+
4	-3	5	0.1406422	-	5	0	4	0.2330207	+
4	-2	5	0.4296689	-	5	1	4	0.5045046	+
4	-1	5	0.4019185	-	5	-5	5	0.4320319	+
4	-5	6	-0.3851644	-	5	-4	5	0.4489807	+
4	-4	6	-0.5167523	-	5	-3	5	0.1866591	+
4	-3	6	-0.4557327	-	5	-2	5	-0.1866591	+
4	-2	6	-0.2631174	-	5	-1	5	-0.4489807	+
5	-5	0	0.1302625	+	5	0	5	-0.4320319	+
5	-4	0	-0.4168401	+	5	-5	6	0.2732410	+
5	-3	0	0.2518409	+	5	-4	6	0.4572196	+
5	-2	0	0.3126301	+	5	-3	6	0.5279517	+
5	-1	0	-0.1042100	+	5	-2	6	0.4572196	+
5	0	0	-0.3473667	+	5	-1	6	0.2732410	+
5	1	0	-0.1042100	+	6	-5	0	-0.3208445	-
5	2	0	0.3126301	+	6	-4	0	0.4326266	-
5	3	0	0.2518409	+	6	-3	0	0.1675556	-
5	4	0	-0.4168401	+	6	-2	0	-0.2736171	-
5	5	0	0.1302625	+	6	-1	0	-0.3270350	-
5	-5	1	0.2669587	+	6	0	0	0.0000000	-
5	-4	1	-0.4377545	+	6	1	0	0.3270350	-
5	-3	1	-0.0459523	+	6	2	0	0.2736171	-
5	-2	1	0.3403485	+	6	3	0	-0.1675556	-
5	-1	1	0.2055049	+	6	4	0	-0.4326266	-
5	0	1	-0.2055049	+	6	5	0	0.3208445	-
5	1	1	-0.3403485	+	6	-5	1	-0.4433103	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					6	-1	6	-0.4807207	-
					6	0	6	-0.3040345	-
6	-4	1	0.2559453	-	7	-5	0	0.5000595	+
6	-3	1	0.3619614	-	7	-4	0	-0.1581327	+
6	-2	1	0.0000000	-	7	-3	0	-0.4045681	+
6	-1	1	-0.3270350	-	7	-2	0	-0.1751831	+
6	0	1	-0.2763950	-	7	-1	0	0.1982298	+
6	1	1	0.0957460	-	7	0	0	0.3693184	+
6	2	1	0.3799803	-	7	1	0	0.1982298	+
6	3	1	0.1416103	-	7	2	0	-0.1751831	+
6	4	1	-0.4696682	-	7	3	0	-0.4045681	+
6	5	1	0.1714986	-	7	4	0	-0.1581327	+
6	-5	2	-0.5118907	-	7	5	0	0.5000595	+
6	-4	2	0.0000000	-	7	-5	1	0.5401260	+
6	-3	2	0.3619614	-	7	-4	1	0.1029980	+
6	-2	2	0.2736171	-	7	-3	1	-0.3089940	+
6	-1	2	-0.0957460	-	7	-2	1	-0.3604930	+
6	0	2	-0.3593135	-	7	-1	1	-0.0832349	+
6	1	2	-0.2270817	-	7	0	1	0.2589174	+
6	2	2	0.2193817	-	7	1	1	0.3678079	+
6	3	2	0.4200840	-	7	2	1	0.1146843	+
6	4	2	-0.3429972	-	7	3	1	-0.3105665	+
6	-5	3	-0.5118907	-	7	4	1	-0.3904065	+
6	-4	3	-0.2559453	-	7	5	1	0.3934447	+
6	-3	3	0.1675556	-	7	-5	2	0.5149900	+
6	-2	3	0.3799803	-	7	-4	2	0.3224347	+
6	-1	3	0.2270817	-	7	-3	2	-0.0797819	+
6	0	3	-0.1520172	-	7	-2	2	-0.3569017	+
6	1	3	-0.4007727	-	7	-1	2	-0.3227140	+
6	2	3	-0.1714986	-	7	0	2	-0.0176962	+
6	3	3	0.4850713	-	7	1	2	0.3152700	+
6	-5	4	-0.4433103	-	7	2	2	0.3608456	+
6	-4	4	-0.4326266	-	7	3	2	-0.0327366	+
6	-3	4	-0.1416103	-	7	4	2	-0.5114782	+
6	-2	4	0.2193817	-	7	5	2	0.2327650	+
6	-1	4	0.4007727	-	7	-5	3	0.4369835	+
6	0	4	0.2487555	-	7	-4	3	0.4513146	+
6	1	4	-0.1775179	-	7	-3	3	0.1919035	+
6	2	4	-0.5423261	-	7	-2	3	-0.1605276	+
6	-5	5	-0.3208445	-	7	-1	3	-0.3790880	+
6	-4	5	-0.4696682	-	7	0	3	-0.3086560	+
6	-3	5	-0.4200840	-	7	1	3	0.0303082	+
6	-2	5	-0.1714986	-	7	2	3	0.3875749	+
6	-1	5	0.1775179	-	7	3	3	0.3338489	+
6	0	5	0.4560517	-	7	4	3	-0.4416406	+
6	1	5	0.4807207	-	7	-5	4	0.3257083	+
6	-5	6	-0.1714986	-	7	-4	4	0.4679653	+
6	-4	6	-0.3429972	-	7	-3	4	0.4057704	+
6	-3	6	-0.4850713	-	7	-2	4	0.1508633	+
6	-2	6	-0.5423261	-	7	-1	4	-0.1807445	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					8	2	2	-0.1457912	-
					8	3	2	-0.4291975	-
7	0	4	-0.4041091	+	8	4	2	-0.2809757	-
7	1	4	-0.3412320	+	8	5	2	0.4866643	-
7	2	4	0.0622091	+	8	-5	3	-0.3045478	-
7	3	4	0.5701556	+	8	-4	3	-0.4604330	-
7	-5	5	0.2041485	+	8	-3	3	-0.4412483	-
7	-4	5	0.3795812	+	8	-2	3	-0.2381404	-
7	-3	5	0.4781484	+	8	-1	3	0.0700526	-
7	-2	5	0.4313423	+	8	0	3	0.3376908	-
7	-1	5	0.2162865	+	8	1	3	0.4040951	-
7	0	5	-0.1184650	+	8	2	3	0.1752192	-
7	1	5	-0.4411396	+	8	3	3	-0.2649065	-
7	2	5	-0.5458824	+	8	4	3	-0.5129892	-
7	-5	6	0.0945024	+	8	5	3	0.3244428	-
7	-4	6	0.2196037	+	8	-5	4	-0.1993733	-
7	-3	6	0.3660061	+	8	-4	4	-0.3715103	-
7	-2	6	0.4955746	+	8	-3	4	-0.4705797	-
7	-1	6	0.5619288	+	8	-2	4	-0.4314427	-
7	0	6	0.5231272	+	8	-1	4	-0.2337860	-
7	1	6	0.3573639	+	8	0	4	0.0734718	-
8	-5	0	-0.5619515	-	8	1	4	0.3627381	-
8	-4	0	-0.2464320	-	8	2	4	0.4442617	-
8	-3	0	0.1799685	-	8	3	4	0.1324532	-
8	-2	0	0.3934035	-	8	4	4	-0.5619515	-
8	-1	0	0.3002882	-	8	-5	5	-0.1102078	-
8	0	0	0.0000000	-	8	-4	5	-0.2464320	-
8	1	0	-0.3002882	-	8	-3	5	-0.3887764	-
8	2	0	-0.3934035	-	8	-2	5	-0.4835346	-
8	3	0	-0.1799685	-	8	-1	5	-0.4718814	-
8	4	0	0.2464320	-	8	0	5	-0.3106304	-
8	5	0	0.5619515	-	8	1	5	0.0000000	-
8	-5	1	-0.5050354	-	8	2	5	0.3804430	-
8	-4	1	-0.4123597	-	8	3	5	0.6212607	-
8	-3	1	-0.0717826	-	8	-5	6	-0.0449921	-
8	-2	1	0.2626974	-	8	-4	6	-0.1190380	-
8	-1	1	0.3931695	-	8	-3	6	-0.2279404	-
8	0	1	0.2537898	-	8	-2	6	-0.3604054	-
8	1	1	-0.0664578	-	8	-1	6	-0.4911497	-
8	2	1	-0.3571139	-	8	0	6	-0.5811362	-
8	3	1	-0.3764311	-	8	1	6	-0.5811362	-
8	4	1	0.0000000	-	8	2	6	-0.4392977	-
8	5	1	0.5619515	-	9	-5	0	0.4696682	+
8	-5	2	-0.4123597	-	9	-4	0	0.4970501	+
8	-4	2	-0.4815323	-	9	-3	0	0.2785710	+
8	-3	2	-0.2984440	-	9	-2	0	-0.0425436	+
8	-2	2	0.0234964	-	9	-1	0	-0.3119715	+
8	-1	2	0.3077038	-	9	0	0	-0.4156542	+
8	0	2	0.3932865	-	9	1	0	-0.3119715	+
8	1	2	0.2134164	-	9	2	0	-0.0425436	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 5					9	-4	5	0.1280100	+	
					9	-3	5	0.2394960	+	
	9	3	0	0.2785710	+	9	-2	5	0.3665912	+
	9	4	0	0.4970501	+	9	-1	5	0.4758893	+
	9	5	0	0.4696682	+	9	0	5	0.5192378	+
	9	-5	1	0.3638034	+	9	1	5	0.4405878	+
	9	-4	1	0.4949976	+	9	2	5	0.1922883	+
	9	-3	1	0.4261188	+	9	3	5	-0.2288689	+
	9	-2	1	0.1931421	+	9	4	5	-0.6866066	+
	9	-1	1	-0.1053876	+	9	-5	6	0.0179779	+
	9	0	1	-0.3447914	+	9	-4	6	0.0533312	+
	9	1	1	-0.4168401	+	9	-3	6	0.1152085	+
	9	2	1	-0.2707456	+	9	-2	6	0.2076951	+
	9	3	1	0.0542326	+	9	-1	6	0.3283948	+
	9	4	1	0.4125143	+	9	0	6	0.4644204	+
	9	5	1	0.5613609	+	9	1	6	0.5874505	+
	9	-5	2	0.2605251	+	9	2	6	0.6473389	+
	9	-4	2	0.4314705	+	9	3	6	0.5606119	+
	9	-3	2	0.4824291	+	10	-5	0	-0.2850778	-
	9	-2	2	0.3778867	+	10	-4	0	-0.4561245	-
	9	-1	2	0.1405168	+	10	-3	0	-0.5131400	-
	9	0	2	-0.1504142	+	10	-2	0	-0.4382302	-
	9	1	2	-0.3775367	+	10	-1	0	-0.2510279	-
	9	2	2	-0.4200840	+	10	0	0	0.0000000	-
	9	3	2	-0.2049800	+	10	1	0	0.2510279	-
	9	4	2	0.2245444	+	10	2	0	0.4382302	-
	9	5	2	0.6149400	+	10	3	0	0.5131400	-
	9	-5	3	0.1705537	+	10	4	0	0.4561245	-
	9	-4	3	0.3334631	+	10	5	0	0.2850778	-
	9	-3	3	0.4542442	+	10	-5	1	-0.1947452	-
	9	-2	3	0.4735672	+	10	-4	1	-0.3608126	-
	9	-1	3	0.3570028	+	10	-3	1	-0.4762019	-
	9	0	3	0.1148808	+	10	-2	1	-0.4977683	-
	9	1	3	-0.1852396	+	10	-1	1	-0.4062503	-
	9	2	3	-0.4184137	+	10	0	1	-0.2121573	-
	9	3	3	-0.4234049	+	10	1	1	0.0447267	-
	9	4	3	-0.0648204	+	10	2	1	0.3016980	-
	9	5	3	0.5976143	+	10	3	1	0.4852308	-
	9	-5	4	0.0995819	+	10	4	1	0.5285941	-
	9	-4	4	0.2257190	+	10	5	1	0.3934447	-
	9	-3	4	0.3632026	+	10	-5	2	-0.1244182	-
	9	-2	4	0.4661801	+	10	-4	2	-0.2623469	-
	9	-1	4	0.4824992	+	10	-3	2	-0.3969100	-
	9	0	4	0.3704793	+	10	-2	2	-0.4855620	-
	9	1	4	0.1212678	+	10	-1	2	-0.4899563	-
	9	2	4	-0.2130215	+	10	0	2	-0.3873444	-
	9	3	4	-0.4853599	+	10	1	2	-0.1802990	-
	9	4	4	-0.4140393	+	10	2	2	0.0963739	-
	9	5	4	0.4629100	+	10	3	2	0.3732545	-
	9	-5	5	0.0492346	+	10	4	2	0.5508226	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 5					1/2	1/2	0	-0.2773501	-
					1/2	-3/2	1	-0.2531848	-
10	5	2	0.5129892	-	1/2	-1/2	1	0.2995723	-
10	-5	3	-0.0732012	-	1/2	-5/2	2	0.2264554	-
10	-4	3	-0.1737405	-	1/2	-3/2	2	-0.3202563	-
10	-3	3	-0.2973448	-	1/2	-7/2	3	-0.1961161	-
10	-2	3	-0.4166687	-	1/2	-5/2	3	0.3396831	-
10	-1	3	-0.4950337	-	1/2	-9/2	4	0.1601282	-
10	0	3	-0.4937692	-	1/2	-7/2	4	-0.3580574	-
10	1	3	-0.3824720	-	1/2	-11/2	5	-0.1132277	-
10	2	3	-0.1523805	-	1/2	-9/2	5	0.3755338	-
10	3	3	0.1669245	-	1/2	-11/2	6	-0.3922323	-
10	4	3	0.4866643	-	3/2	-3/2	0	0.3238751	+
10	5	3	0.6282809	-	3/2	-1/2	0	-0.2212488	+
10	-5	4	-0.0385804	-	3/2	1/2	0	-0.2212488	+
10	-4	4	-0.1023655	-	3/2	3/2	0	0.3238751	+
10	-3	4	-0.1966921	-	3/2	-5/2	1	-0.2827014	+
10	-2	4	-0.3123252	-	3/2	-3/2	1	0.2885309	+
10	-1	4	-0.4279333	-	3/2	-1/2	1	0.1365577	+
10	0	4	-0.5099627	-	3/2	1/2	1	-0.3547874	+
10	1	4	-0.5152474	-	3/2	-7/2	2	0.2322629	+
10	2	4	-0.3981381	-	3/2	-5/2	2	-0.3354909	+
10	3	4	-0.1256562	-	3/2	-3/2	2	-0.0364966	+
10	4	4	0.2901905	-	3/2	-1/2	2	0.3739788	+
10	5	4	0.7071068	-	3/2	-9/2	3	-0.1731185	+
10	-5	5	-0.0172537	-	3/2	-7/2	3	0.3575921	+
10	-4	5	-0.0509814	-	3/2	-5/2	3	-0.0774210	+
10	-3	5	-0.1095872	-	3/2	-3/2	3	-0.3792837	+
10	-2	5	-0.1962927	-	3/2	-11/2	4	0.1048285	+
10	-1	5	-0.3076792	-	3/2	-9/2	4	-0.3467176	+
10	0	5	-0.4297709	-	3/2	-7/2	4	0.2040222	+
10	1	5	-0.5333779	-	3/2	-5/2	4	0.3672399	+
10	2	5	-0.5687222	-	3/2	-11/2	5	0.2838769	+
10	3	5	-0.4593526	-	3/2	-9/2	5	-0.3423684	+
10	4	5	-0.0953463	-	3/2	-7/2	5	-0.3314968	+
10	5	5	0.6741999	-	3/2	-11/2	6	0.4916892	+
10	-5	6	-0.0056987	-	3/2	-9/2	6	0.2567763	+
10	-4	6	-0.0187279	-	5/2	-5/2	0	0.3344968	-
10	-3	6	-0.0450162	-	5/2	-3/2	0	-0.2644429	-
10	-2	6	-0.0909654	-	5/2	-1/2	0	-0.2212488	-
10	-1	6	-0.1630866	-	5/2	1/2	0	0.2212488	-
10	0	6	-0.2663193	-	5/2	3/2	0	0.2644429	-
10	1	6	-0.4009558	-	5/2	5/2	0	-0.3344968	-
10	2	6	-0.5568194	-	5/2	-7/2	1	-0.2681941	-
10	3	6	-0.7006490	-	5/2	-5/2	1	0.3462371	-
10	4	6	-0.7385489	-	5/2	-3/2	1	0.0865593	-
					5/2	-1/2	1	-0.3072549	-
J1 = 11/2					5/2	1/2	1	-0.1448414	-
					5/2	3/2	1	0.3832142	-
1/2	-1/2	0	0.2773501	-	5/2	-9/2	2	0.1896419	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					7/2	-9/2	3	-0.4022911	+
					7/2	-7/2	3	-0.0774210	+
5/2	-7/2	2	-0.3792837	-	7/2	-5/2	3	0.3128931	+
5/2	-5/2	2	0.0774210	-	7/2	-3/2	3	0.2448266	+
5/2	-3/2	2	0.3284693	-	7/2	-1/2	3	-0.1672484	+
5/2	-1/2	2	0.0000000	-	7/2	1/2	3	-0.4424977	+
5/2	1/2	2	-0.4096732	-	7/2	-11/2	4	0.4059990	+
5/2	-11/2	3	-0.1048285	-	7/2	-9/2	4	-0.2212488	+
5/2	-9/2	3	0.3533767	-	7/2	-7/2	4	-0.3533767	+
5/2	-7/2	3	-0.2458446	-	7/2	-5/2	4	-0.0316070	+
5/2	-5/2	3	-0.2709734	-	7/2	-3/2	4	0.3354909	+
5/2	-3/2	3	0.1548419	-	7/2	-1/2	4	0.4039433	+
5/2	-1/2	3	0.4096732	-	7/2	-11/2	5	0.4916892	+
5/2	-11/2	4	-0.2567763	-	7/2	-9/2	5	0.1482499	+
5/2	-9/2	4	0.3832142	-	7/2	-7/2	5	-0.2567763	+
5/2	-7/2	4	0.1224133	-	7/2	-5/2	5	-0.4279605	+
5/2	-5/2	4	-0.2998501	-	7/2	-3/2	5	-0.3202563	+
5/2	-3/2	4	-0.3792837	-	7/2	-11/2	6	0.4258153	+
5/2	-11/2	5	-0.4258153	-	7/2	-9/2	6	0.4972452	+
5/2	-9/2	5	0.1283881	-	7/2	-7/2	6	0.3851644	+
5/2	-7/2	5	0.4059990	-	7/2	-5/2	6	0.1961161	+
5/2	-5/2	5	0.3144855	-	9/2	-9/2	0	0.2545352	-
5/2	-11/2	6	-0.4916892	-	9/2	-7/2	0	-0.4173825	-
5/2	-9/2	6	-0.4193139	-	9/2	-5/2	0	-0.0438138	-
5/2	-7/2	6	-0.2096570	-	9/2	-3/2	0	0.3245096	-
7/2	-7/2	0	0.3128931	+	9/2	-1/2	0	0.1959413	-
7/2	-5/2	0	-0.3413944	+	9/2	1/2	0	-0.1959413	-
7/2	-3/2	0	-0.1672484	+	9/2	3/2	0	-0.3245096	-
7/2	-1/2	0	0.2554762	+	9/2	5/2	0	0.0438138	-
7/2	1/2	0	0.2554762	+	9/2	7/2	0	0.4173825	-
7/2	3/2	0	-0.1672484	+	9/2	9/2	0	-0.2545352	-
7/2	5/2	0	-0.3413944	+	9/2	-11/2	1	-0.1302625	-
7/2	7/2	0	0.3128931	+	9/2	-9/2	1	0.4058482	-
7/2	-9/2	1	-0.2159168	+	9/2	-7/2	1	-0.2224849	-
7/2	-7/2	1	0.4014625	+	9/2	-5/2	1	-0.3142362	-
7/2	-5/2	1	-0.0364966	+	9/2	-3/2	1	0.0664371	-
7/2	-3/2	1	-0.3331668	+	9/2	-1/2	1	0.3325783	-
7/2	-1/2	1	-0.0788417	+	9/2	1/2	1	0.1481177	-
7/2	1/2	1	0.3053524	+	9/2	3/2	1	-0.2677067	-
7/2	3/2	1	0.2085954	+	9/2	5/2	1	-0.3076080	-
7/2	5/2	1	-0.3902463	+	9/2	7/2	1	0.3688565	-
7/2	-11/2	2	0.1132277	+	9/2	-11/2	2	-0.2746175	-
7/2	-9/2	2	-0.3742013	+	9/2	-9/2	2	0.4140015	-
7/2	-7/2	2	0.2498751	+	9/2	-7/2	2	0.0969658	-
7/2	-5/2	2	0.2756439	+	9/2	-5/2	2	-0.3028295	-
7/2	-3/2	2	-0.1369636	+	9/2	-3/2	2	-0.2585754	-
7/2	-1/2	2	-0.3379632	+	9/2	-1/2	2	0.1170973	-
7/2	1/2	2	-0.0278747	+	9/2	1/2	2	0.3577382	-
7/2	3/2	2	0.4363086	+	9/2	3/2	2	0.1058204	-
7/2	-11/2	3	0.2567763	+	9/2	5/2	2	-0.4489578	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					11/2	9/2	1	-0.3082574	+
					11/2	-11/2	2	0.4359418	+
9/2	-11/2	3	-0.4119263	-	11/2	-9/2	2	-0.2276632	+
9/2	-9/2	3	0.2439248	-	11/2	-7/2	2	-0.3599671	+
9/2	-7/2	3	0.3414302	-	11/2	-5/2	2	-0.0351292	+
9/2	-5/2	3	-0.0085706	-	11/2	-3/2	2	0.2980811	+
9/2	-3/2	3	-0.3265854	-	11/2	-1/2	2	0.2980811	+
9/2	-1/2	3	-0.2683036	-	11/2	1/2	2	-0.0351292	+
9/2	1/2	3	0.1341518	-	11/2	3/2	2	-0.3599671	+
9/2	3/2	3	0.4761917	-	11/2	5/2	2	-0.2276632	+
9/2	-11/2	4	-0.4923461	-	11/2	7/2	2	0.4359418	+
9/2	-9/2	4	-0.0606036	-	11/2	-11/2	3	0.5033822	+
9/2	-7/2	4	0.3198126	-	11/2	-9/2	3	0.0536607	+
9/2	-5/2	4	0.3296302	-	11/2	-7/2	3	-0.3245096	+
9/2	-3/2	4	0.0165601	-	11/2	-5/2	3	-0.3161627	+
9/2	-1/2	4	-0.3428972	-	11/2	-3/2	3	0.0000000	+
9/2	1/2	4	-0.4408678	-	11/2	-1/2	3	0.3161627	+
9/2	-11/2	5	-0.4713855	-	11/2	1/2	3	0.3245096	+
9/2	-9/2	5	-0.3695330	-	11/2	3/2	3	-0.0536607	+
9/2	-7/2	5	-0.0311387	-	11/2	5/2	3	-0.5033822	+
9/2	-5/2	5	0.3020793	-	11/2	-11/2	4	0.4873977	+
9/2	-3/2	5	0.4466230	-	11/2	-9/2	4	0.3229212	+
9/2	-1/2	5	0.3446423	-	11/2	-7/2	4	-0.0555441	+
9/2	-11/2	6	-0.3265854	-	11/2	-5/2	4	-0.3414948	+
9/2	-9/2	6	-0.4823987	-	11/2	-3/2	4	-0.3414948	+
9/2	-7/2	6	-0.4943115	-	11/2	-1/2	4	-0.0555441	+
9/2	-5/2	6	-0.3805212	-	11/2	1/2	4	0.3229212	+
9/2	-3/2	6	-0.2018018	-	11/2	3/2	4	0.4873977	+
11/2	-11/2	0	0.1577558	+	11/2	-11/2	5	0.3864211	+
11/2	-9/2	0	-0.4445844	+	11/2	-9/2	5	0.4660414	+
11/2	-7/2	0	0.1577558	+	11/2	-7/2	5	0.3082574	+
11/2	-5/2	0	0.3585358	+	11/2	-5/2	5	0.0000000	+
11/2	-3/2	0	0.0573657	+	11/2	-3/2	5	-0.3082574	+
11/2	-1/2	0	-0.2868286	+	11/2	-1/2	5	-0.4660414	+
11/2	1/2	0	-0.2868286	+	11/2	1/2	5	-0.3864211	+
11/2	3/2	0	0.0573657	+	11/2	-11/2	6	0.2231003	+
11/2	5/2	0	0.3585358	+	11/2	-9/2	6	0.3979586	+
11/2	7/2	0	0.1577558	+	11/2	-7/2	6	0.5033822	+
11/2	9/2	0	-0.4445844	+	11/2	-5/2	6	0.5033822	+
11/2	11/2	0	0.1577558	+	11/2	-3/2	6	0.3979586	+
11/2	-11/2	1	0.3082574	+	11/2	-1/2	6	0.2231003	+
11/2	-9/2	1	-0.4156542	+	13/2	-11/2	0	-0.3582791	-
11/2	-7/2	1	-0.1609822	+	13/2	-9/2	0	0.3969100	-
11/2	-5/2	1	0.2628828	+	13/2	-7/2	0	0.2574950	-
11/2	-3/2	1	0.3142050	+	13/2	-5/2	0	-0.1692430	-
11/2	-1/2	1	0.0000000	+	13/2	-3/2	0	-0.3567955	-
11/2	1/2	1	-0.3142050	+	13/2	-1/2	0	-0.1740984	-
11/2	3/2	1	-0.2628828	+	13/2	1/2	0	0.1740984	-
11/2	5/2	1	0.1609822	+	13/2	3/2	0	0.3567955	-
11/2	7/2	1	0.4156542	+	13/2	5/2	0	0.1692430	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					13/2	-5/2	5	-0.3064494	-
					13/2	-3/2	5	-0.0263555	-
13/2	7/2	0	-0.2574950	-	13/2	-1/2	5	0.2815050	-
13/2	9/2	0	-0.3969100	-	13/2	1/2	5	0.4805910	-
13/2	11/2	0	0.3582791	-	13/2	3/2	5	0.4457111	-
13/2	-11/2	1	-0.4739587	-	13/2	-11/2	6	-0.1354168	-
13/2	-9/2	1	0.1741346	-	13/2	-9/2	6	-0.2828764	-
13/2	-7/2	1	0.3869856	-	13/2	-7/2	6	-0.4243146	-
13/2	-5/2	1	0.1362535	-	13/2	-5/2	6	-0.5164593	-
13/2	-3/2	1	-0.2225011	-	13/2	-3/2	6	-0.5244669	-
13/2	-1/2	1	-0.3492315	-	13/2	-1/2	6	-0.4342998	-
13/2	1/2	1	-0.1395893	-	13/2	1/2	6	-0.2609817	-
13/2	3/2	1	0.2215911	-	15/2	-11/2	0	0.5219634	+
13/2	5/2	1	0.3716195	-	15/2	-9/2	0	-0.0756019	+
13/2	7/2	1	0.0456490	-	15/2	-7/2	0	-0.3904065	+
13/2	9/2	1	-0.4833909	-	15/2	-5/2	0	-0.2735379	+
13/2	11/2	1	0.1993281	-	15/2	-3/2	0	0.0624262	+
13/2	-11/2	2	-0.5218113	-	15/2	-1/2	0	0.3257083	+
13/2	-9/2	2	-0.0995055	-	15/2	1/2	0	0.3257083	+
13/2	-7/2	2	0.2985165	-	15/2	3/2	0	0.0624262	+
13/2	-5/2	2	0.3482693	-	15/2	5/2	0	-0.2735379	+
13/2	-3/2	2	0.0804126	-	15/2	7/2	0	-0.3904065	+
13/2	-1/2	2	-0.2501380	-	15/2	9/2	0	-0.0756019	+
13/2	1/2	2	-0.3553362	-	15/2	11/2	0	0.5219634	+
13/2	3/2	2	-0.1107955	-	15/2	-11/2	1	0.5416670	+
13/2	5/2	2	0.3000357	-	15/2	-9/2	1	0.1885843	+
13/2	7/2	2	0.3771685	-	15/2	-7/2	1	-0.2274412	+
13/2	9/2	2	-0.3801037	-	15/2	-5/2	1	-0.3814304	+
13/2	-11/2	3	-0.4950337	-	15/2	-3/2	1	-0.2208734	+
13/2	-9/2	3	-0.3337516	-	15/2	-1/2	1	0.1005157	+
13/2	-7/2	3	0.0430872	-	15/2	1/2	1	0.3419224	+
13/2	-5/2	3	0.3305005	-	15/2	3/2	1	0.3133771	+
13/2	-3/2	3	0.3394918	-	15/2	5/2	1	0.0000000	+
13/2	-1/2	3	0.0756735	-	15/2	7/2	1	-0.3651918	+
13/2	1/2	3	-0.2653114	-	15/2	9/2	1	-0.3399751	+
13/2	3/2	3	-0.3889550	-	15/2	11/2	1	0.4261814	+
13/2	5/2	3	-0.0816594	-	15/2	-11/2	2	0.4944721	+
13/2	7/2	3	0.5099627	-	15/2	-9/2	2	0.3819598	+
13/2	-11/2	4	-0.4041933	-	15/2	-7/2	2	0.0348197	+
13/2	-9/2	4	-0.4573467	-	15/2	-5/2	2	-0.2811362	+
13/2	-7/2	4	-0.2584741	-	15/2	-3/2	2	-0.3734091	+
13/2	-5/2	4	0.0674280	-	15/2	-1/2	2	-0.1982298	+
13/2	-3/2	4	0.3340542	-	15/2	1/2	2	0.1256303	+
13/2	-1/2	4	0.3780142	-	15/2	3/2	2	0.3674672	+
13/2	1/2	4	0.1418585	-	15/2	5/2	2	0.3000357	+
13/2	3/2	4	-0.2635545	-	15/2	7/2	2	-0.1201994	+
13/2	5/2	4	-0.5375478	-	15/2	9/2	2	-0.5079350	+
13/2	-11/2	5	-0.2736402	-	15/2	11/2	2	0.2609817	+
13/2	-9/2	5	-0.4361011	-	15/2	-11/2	3	0.4000476	+
13/2	-7/2	5	-0.4564898	-	15/2	-9/2	3	0.4671550	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					17/2	-11/2	1	-0.4794540	-
					17/2	-9/2	1	-0.4482641	-
15/2	-7/2	3	0.2895332	+	17/2	-7/2	1	-0.1701043	-
15/2	-5/2	3	-0.0227948	+	17/2	-5/2	1	0.1604192	-
15/2	-3/2	3	-0.2985165	+	17/2	-3/2	1	0.3657208	-
15/2	-1/2	3	-0.3815440	+	17/2	-1/2	1	0.3489731	-
15/2	1/2	3	-0.2070443	+	17/2	1/2	1	0.1248524	-
15/2	3/2	3	0.1414382	+	17/2	3/2	1	-0.1851861	-
15/2	5/2	3	0.4163828	+	17/2	5/2	1	-0.3935204	-
15/2	7/2	3	0.2725865	+	17/2	7/2	1	-0.3232478	-
15/2	9/2	3	-0.4721337	+	17/2	9/2	1	0.0772710	-
15/2	-11/2	4	0.2828764	+	17/2	11/2	1	0.5730572	-
15/2	-9/2	4	0.4405690	+	17/2	-11/2	2	-0.3761147	-
15/2	-7/2	4	0.4445154	+	17/2	-9/2	2	-0.4811275	-
15/2	-5/2	4	0.2752737	+	17/2	-7/2	2	-0.3678079	-
15/2	-3/2	4	-0.0100516	+	17/2	-5/2	2	-0.1002436	-
15/2	-1/2	4	-0.2898073	+	17/2	-3/2	2	0.1939953	-
15/2	1/2	4	-0.4146634	+	17/2	-1/2	2	0.3750771	-
15/2	3/2	4	-0.2687739	+	17/2	1/2	2	0.3464514	-
15/2	5/2	4	0.1436657	+	17/2	3/2	2	0.1035222	-
15/2	7/2	4	0.5782433	+	17/2	5/2	2	-0.2360668	-
15/2	-11/2	5	0.1671621	+	17/2	7/2	2	-0.4371109	-
15/2	-9/2	5	0.3276082	+	17/2	9/2	2	-0.2185554	-
15/2	-7/2	5	0.4472668	+	17/2	11/2	2	0.5125579	-
15/2	-5/2	5	0.4667222	+	17/2	-11/2	3	-0.2659532	-
15/2	-3/2	5	0.3496446	+	17/2	-9/2	3	-0.4294983	-
15/2	-1/2	5	0.1023655	+	17/2	-7/2	3	-0.4614822	-
15/2	1/2	5	-0.2130907	+	17/2	-5/2	3	-0.3332659	-
15/2	3/2	5	-0.4764852	+	17/2	-3/2	3	-0.0806398	-
15/2	5/2	5	-0.5219634	+	17/2	-1/2	3	0.2020967	-
15/2	-11/2	6	0.0723833	+	17/2	1/2	3	0.3878821	-
15/2	-9/2	6	0.1732257	+	17/2	3/2	3	0.3616697	-
15/2	-7/2	6	0.3000357	+	17/2	5/2	3	0.0841220	-
15/2	-5/2	6	0.4282254	+	17/2	7/2	3	-0.3258032	-
15/2	-3/2	6	0.5244669	+	17/2	9/2	3	-0.4893831	-
15/2	-1/2	6	0.5536258	+	17/2	11/2	3	0.3522217	-
15/2	1/2	6	0.4882521	+	17/2	-11/2	4	-0.1660048	-
15/2	3/2	6	0.3196360	+	17/2	-9/2	4	-0.3245691	-
17/2	-11/2	0	-0.5536258	-	17/2	-7/2	4	-0.4421288	-
17/2	-9/2	0	-0.3122871	-	17/2	-5/2	4	-0.4609365	-
17/2	-7/2	0	0.0866129	-	17/2	-3/2	4	-0.3474810	-
17/2	-5/2	0	0.3535955	-	17/2	-1/2	4	-0.1118167	-
17/2	-3/2	0	0.3647173	-	17/2	1/2	4	0.1802990	-
17/2	-1/2	0	0.1507736	-	17/2	3/2	4	0.4072540	-
17/2	1/2	0	-0.1507736	-	17/2	5/2	4	0.4121121	-
17/2	3/2	0	-0.3647173	-	17/2	7/2	4	0.0630915	-
17/2	5/2	0	-0.3535955	-	17/2	9/2	4	-0.5816751	-
17/2	7/2	0	-0.0866129	-	17/2	-11/2	5	-0.0870536	-
17/2	9/2	0	0.3122871	-	17/2	-9/2	5	-0.2012320	-
17/2	11/2	0	0.5536258	-	17/2	-7/2	5	-0.3324703	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 11/2					19/2	5/2	2	-0.3820381	+
					19/2	7/2	2	-0.1273460	+
17/2	-5/2	5	-0.4432554	-	19/2	9/2	2	0.2847544	+
17/2	-3/2	5	-0.4875809	-	19/2	11/2	2	0.6131393	+
17/2	-1/2	5	-0.4228387	-	19/2	-11/2	3	0.1428742	+
17/2	1/2	5	-0.2260168	-	19/2	-9/2	3	0.2901788	+
17/2	3/2	5	0.0854263	-	19/2	-7/2	3	0.4173621	+
17/2	5/2	5	0.4271316	-	19/2	-5/2	3	0.4743981	+
17/2	7/2	5	0.6100659	-	19/2	-3/2	3	0.4238332	+
17/2	-11/2	6	-0.0335070	-	19/2	-1/2	3	0.2559136	+
17/2	-9/2	6	-0.0903615	-	19/2	1/2	3	0.0000000	+
17/2	-7/2	6	-0.1773022	-	19/2	3/2	3	-0.2701417	+
17/2	-5/2	6	-0.2895332	-	19/2	5/2	3	-0.4411396	+
17/2	-3/2	6	-0.4126483	-	19/2	7/2	3	-0.3820381	+
17/2	-1/2	6	-0.5219634	-	19/2	9/2	3	0.0000000	+
17/2	1/2	6	-0.5835729	-	19/2	11/2	3	0.6131393	+
17/2	3/2	6	-0.5580024	-	19/2	-11/2	4	0.0798691	+
17/2	5/2	6	-0.4067106	-	19/2	-9/2	4	0.1863612	+
19/2	-11/2	0	0.4398846	+	19/2	-7/2	4	0.3119419	+
19/2	-9/2	0	0.5053889	+	19/2	-5/2	4	0.4240539	+
19/2	-7/2	0	0.3452464	+	19/2	-3/2	4	0.4817576	+
19/2	-5/2	0	0.0626858	+	19/2	-1/2	4	0.4457111	+
19/2	-3/2	0	-0.2171499	+	19/2	1/2	4	0.2917864	+
19/2	-1/2	0	-0.3873444	+	19/2	3/2	4	0.0284754	+
19/2	1/2	0	-0.3873444	+	19/2	5/2	4	-0.2818925	+
19/2	3/2	0	-0.2171499	+	19/2	7/2	4	-0.4981168	+
19/2	5/2	0	0.0626858	+	19/2	9/2	4	-0.3712743	+
19/2	7/2	0	0.3452464	+	19/2	11/2	4	0.4879500	+
19/2	9/2	0	0.5053889	+	19/2	-11/2	5	0.0376506	+
19/2	11/2	0	0.4398846	+	19/2	-9/2	5	0.0998985	+
19/2	-11/2	1	0.3291795	+	19/2	-7/2	5	0.1919518	+
19/2	-9/2	1	0.4764852	+	19/2	-5/2	5	0.3047982	+
19/2	-7/2	1	0.4579284	+	19/2	-3/2	5	0.4176202	+
19/2	-5/2	1	0.2843160	+	19/2	-1/2	5	0.4976726	+
19/2	-3/2	1	0.0202055	+	19/2	1/2	5	0.5028300	+
19/2	-1/2	1	-0.2390742	+	19/2	3/2	5	0.3885430	+
19/2	1/2	1	-0.3964597	+	19/2	5/2	5	0.1226279	+
19/2	3/2	1	-0.3830164	+	19/2	7/2	5	-0.2831969	+
19/2	5/2	1	-0.1845419	+	19/2	9/2	5	-0.6900656	+
19/2	7/2	1	0.1395006	+	19/2	-11/2	6	0.0130426	+
19/2	9/2	1	0.4502362	+	19/2	-9/2	6	0.0391277	+
19/2	11/2	1	0.5430053	+	19/2	-7/2	6	0.0857245	+
19/2	-11/2	2	0.2271554	+	19/2	-5/2	6	0.1573779	+
19/2	-9/2	2	0.3948833	+	19/2	-3/2	6	0.2549813	+
19/2	-7/2	2	0.4758303	+	19/2	-1/2	6	0.3732545	+
19/2	-5/2	2	0.4292174	+	19/2	1/2	6	0.4976726	+
19/2	-3/2	2	0.2555811	+	19/2	3/2	6	0.6007514	+
19/2	-1/2	2	0.0000000	+	19/2	5/2	6	0.6371931	+
19/2	1/2	2	-0.2559136	+	19/2	7/2	6	0.5345225	+
19/2	3/2	2	-0.4126483	+					

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					2	-5	4	-0.3851644	+
					2	-4	4	0.0446990	+
0	0	0	0.2773501	+	2	-3	4	0.3498251	+
0	-1	1	-0.2773501	+	2	-2	4	0.2998501	+
0	-2	2	0.2773501	+	2	-6	5	0.3476767	+
0	-3	3	-0.2773501	+	2	-5	5	-0.2458446	+
0	-4	4	0.2773501	+	2	-4	5	-0.3851644	+
0	-5	5	-0.2773501	+	2	-3	5	-0.2344036	+
0	-6	6	0.2773501	+	2	-6	6	0.4916892	+
1	-1	0	0.3396831	-	2	-5	6	0.3476767	+
1	0	0	0.0000000	-	2	-4	6	0.1482499	+
1	1	0	-0.3396831	-	3	-3	0	0.3832142	-
1	-2	1	-0.3314968	-	3	-2	0	-0.1564466	-
1	-1	1	0.0741249	-	3	-1	0	-0.3128931	-
1	0	1	0.3396831	-	3	0	0	0.0000000	-
1	-3	2	0.3144855	-	3	1	0	0.3128931	-
1	-2	2	-0.1482499	-	3	2	0	0.1564466	-
1	-1	2	-0.3314968	-	3	3	0	-0.3832142	-
1	-4	3	-0.2870846	-	3	-4	1	-0.3238751	-
1	-3	3	0.2223748	-	3	-3	1	0.2896827	-
1	-2	3	0.3144855	-	3	-2	1	0.2290143	-
1	-5	4	0.2458446	-	3	-1	1	-0.1672484	-
1	-4	4	-0.2964997	-	3	0	1	-0.3128931	-
1	-3	4	-0.2870846	-	3	1	1	0.0000000	-
1	-6	5	-0.1815683	-	3	2	1	0.4139187	-
1	-5	5	0.3706247	-	3	-5	2	0.2401922	-
1	-4	5	0.2458446	-	3	-4	2	-0.3763089	-
1	-6	6	-0.4447496	-	3	-3	2	-0.0724207	-
1	-5	6	-0.1815683	-	3	-2	2	0.2926847	-
2	-2	0	0.3739788	+	3	-1	2	0.2290143	-
2	-1	0	-0.0591312	+	3	0	2	-0.1564466	-
2	0	0	-0.3128931	+	3	1	2	-0.4139187	-
2	1	0	-0.0591312	+	3	-6	3	-0.1386750	-
2	2	0	0.3739788	+	3	-5	3	0.3922323	-
2	-3	1	-0.3462371	+	3	-4	3	-0.1322215	-
2	-2	1	0.1731185	+	3	-3	3	-0.3344968	-
2	-1	1	0.2905436	+	3	-2	3	-0.0724207	-
2	0	1	-0.0591312	+	3	-1	3	0.2896827	-
2	1	1	-0.3832142	+	3	0	3	0.3832142	-
2	-4	2	0.2998501	+	3	-6	4	-0.3100868	-
2	-3	2	-0.2737245	+	3	-5	4	0.3396831	-
2	-2	2	-0.2234951	+	3	-4	4	0.2508726	-
2	-1	2	0.1731185	+	3	-3	4	-0.1322215	-
2	0	2	0.3739788	+	3	-2	4	-0.3763089	-
2	-5	3	-0.2344036	+	3	-1	4	-0.3238751	-
2	-4	3	0.3498251	+	3	-6	5	-0.4599331	-
2	-3	3	0.1117475	+	3	-5	5	0.0000000	-
2	-2	3	-0.2737245	+	3	-4	5	0.3396831	-
2	-1	3	-0.3462371	+	3	-3	5	0.3922323	-
2	-6	4	0.1482499	+	3	-2	5	0.2401922	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					4	-4	5	-0.1205997	+
					4	-3	5	-0.3736644	+
3	-6	6	-0.4599331	-	4	-2	5	-0.4077862	+
3	-5	6	-0.4599331	-	4	-1	5	-0.2605251	+
3	-4	6	-0.3100868	-	4	-6	6	0.3794580	+
3	-3	6	-0.1386750	-	4	-5	6	0.4898782	+
4	-4	0	0.3599671	+	4	-4	6	0.4431115	+
4	-3	0	-0.2788293	+	4	-3	6	0.3027028	+
4	-2	0	-0.2732410	+	4	-2	6	0.1426954	+
4	-1	0	0.1110883	+	5	-5	0	0.2951340	-
4	0	0	0.3219644	+	5	-4	0	-0.3979586	-
4	1	0	0.1110883	+	5	-3	0	-0.1541287	-
4	2	0	-0.2732410	+	5	-2	0	0.2516911	-
4	3	0	-0.2788293	+	5	-1	0	0.3008284	-
4	4	0	0.3599671	+	5	0	0	0.0000000	-
4	-5	1	-0.2605251	+	5	1	0	-0.3008284	-
4	-4	1	0.3927563	+	5	2	0	-0.2516911	-
4	-3	1	0.0919898	+	5	3	0	0.1541287	-
4	-2	1	-0.2872892	+	5	4	0	0.3979586	-
4	-1	1	-0.2453062	+	5	5	0	-0.2951340	-
4	0	1	0.1110883	+	5	-6	1	-0.1577558	-
4	1	1	0.3393802	+	5	-5	1	0.4320319	-
4	2	1	0.1003900	+	5	-4	1	-0.1302625	-
4	3	1	-0.4259188	+	5	-3	1	-0.3495310	-
4	-6	2	0.1426954	+	5	-2	1	-0.0880735	-
4	-5	2	-0.4077862	+	5	-1	1	0.2542464	-
4	-4	2	0.1526922	+	5	0	1	0.3008284	-
4	-3	2	0.3342552	+	5	1	1	0.0000000	-
4	-2	2	0.0421620	+	5	2	1	-0.3329560	-
4	-1	2	-0.2872892	+	5	3	1	-0.2354355	-
4	0	2	-0.2732410	+	5	4	1	0.4077862	-
4	1	2	0.1003900	+	5	-6	2	-0.3155115	-
4	2	2	0.4489578	+	5	-5	2	0.3864211	-
4	-6	3	0.3027028	+	5	-4	2	0.2018018	-
4	-5	3	-0.3736644	+	5	-3	2	-0.2088847	-
4	-4	3	-0.1971621	+	5	-2	2	-0.3305203	-
4	-3	3	0.2069771	+	5	-1	2	-0.0880735	-
4	-2	3	0.3342552	+	5	0	2	0.2516911	-
4	-1	3	0.0919898	+	5	1	2	0.3329560	-
4	0	3	-0.2788293	+	5	2	2	0.0000000	-
4	1	3	-0.4259188	+	5	3	2	-0.4708710	-
4	-6	4	0.4431115	+	5	-6	3	-0.4462007	-
4	-5	4	-0.1205997	+	5	-5	3	0.1577558	-
4	-4	4	-0.3679593	+	5	-4	3	0.3686573	-
4	-3	4	-0.1971621	+	5	-3	3	0.1398355	-
4	-2	4	0.1526922	+	5	-2	3	-0.2088847	-
4	-1	4	0.3927563	+	5	-1	3	-0.3495310	-
4	0	4	0.3599671	+	5	0	3	-0.1541287	-
4	-6	5	0.4898782	+	5	1	3	0.2354355	-
4	-5	5	0.2529720	+	5	2	3	0.4708710	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					6	-4	2	-0.3766324	+
					6	-3	2	-0.1630866	+
5	-6	4	-0.4988675	-	6	-2	2	0.1845419	+
5	-5	4	-0.1632927	-	6	-1	2	0.3438168	+
5	-4	4	0.2288218	-	6	0	2	0.1845419	+
5	-3	4	0.3686573	-	6	1	2	-0.1630866	+
5	-2	4	0.2018018	-	6	2	2	-0.3766324	+
5	-1	4	-0.1302625	-	6	3	2	-0.1472135	+
5	0	4	-0.3979586	-	6	4	2	0.4655301	+
5	1	4	-0.4077862	-	6	-6	3	0.5099627	+
5	-6	5	-0.4421988	-	6	-5	3	0.1472135	+
5	-5	5	-0.4195066	-	6	-4	3	-0.2481284	+
5	-4	5	-0.1632927	-	6	-3	3	-0.3606956	+
5	-3	5	0.1577558	-	6	-2	3	-0.1630866	+
5	-2	5	0.3864211	-	6	-1	3	0.1630866	+
5	-1	5	0.4320319	-	6	0	3	0.3606956	+
5	0	5	0.2951340	-	6	1	3	0.2481284	+
5	-6	6	-0.2796711	-	6	2	3	-0.1472135	+
5	-5	6	-0.4421988	-	6	3	3	-0.5099627	+
5	-4	6	-0.4988675	-	6	-6	4	0.4655301	+
5	-3	6	-0.4462007	-	6	-5	4	0.3824720	+
5	-2	6	-0.3155115	-	6	-4	4	0.0671062	+
5	-1	6	-0.1577558	-	6	-3	4	-0.2481284	+
6	-6	0	0.1845419	+	6	-2	4	-0.3766324	+
6	-5	0	-0.4613548	+	6	-1	4	-0.2481284	+
6	-4	0	0.0671062	+	6	0	4	0.0671062	+
6	-3	0	0.3606956	+	6	1	4	0.3824720	+
6	-2	0	0.1845419	+	6	2	4	0.4655301	+
6	-1	0	-0.1677654	+	6	-6	5	0.3452464	+
6	0	0	-0.3355308	+	6	-5	5	0.4613548	+
6	1	0	-0.1677654	+	6	-4	5	0.3824720	+
6	2	0	0.1845419	+	6	-3	5	0.1472135	+
6	3	0	0.3606956	+	6	-2	5	-0.1472135	+
6	4	0	0.0671062	+	6	-1	5	-0.3824720	+
6	5	0	-0.4613548	+	6	0	5	-0.4613548	+
6	6	0	0.1845419	+	6	1	5	-0.3452464	+
6	-6	1	0.3452464	+	6	-6	6	0.1845419	+
6	-5	1	-0.3824720	+	6	-5	6	0.3452464	+
6	-4	1	-0.2481284	+	6	-4	6	0.4655301	+
6	-3	1	0.1630866	+	6	-3	6	0.5099627	+
6	-2	1	0.3438168	+	6	-2	6	0.4655301	+
6	-1	1	0.1677654	+	6	-1	6	0.3452464	+
6	0	1	-0.1677654	+	6	0	6	0.1845419	+
6	1	1	-0.3438168	+	7	-6	0	-0.3914726	-
6	2	1	-0.1630866	+	7	-5	0	0.3546043	-
6	3	1	0.2481284	+	7	-4	0	0.3213081	-
6	4	1	0.3824720	+	7	-3	0	-0.0624262	-
6	5	1	-0.3452464	+	7	-2	0	-0.3310650	-
6	-6	2	0.4655301	+	7	-1	0	-0.2849354	-
6	-5	2	-0.1472135	+	7	0	0	0.0000000	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 6					7	0	4	0.3213081	-	
					7	1	4	0.0408297	-	
	7	1	0	0.2849354	-	7	2	4	-0.3291795	-
	7	2	0	0.3310650	-	7	3	4	-0.5278615	-
	7	3	0	0.0624262	-	7	-6	5	-0.2345487	-
	7	4	0	-0.3213081	-	7	-5	5	-0.3981082	-
	7	5	0	-0.3546043	-	7	-4	5	-0.4619352	-
	7	6	0	0.3914726	-	7	-3	5	-0.3873444	-
	7	-6	1	-0.4975530	-	7	-2	5	-0.1825959	-
	7	-5	1	0.0957541	-	7	-1	5	0.0957541	-
	7	-4	1	0.3816291	-	7	0	5	0.3546043	-
	7	-3	1	0.2383940	-	7	1	5	0.4882521	-
	7	-2	1	-0.0973240	-	7	2	5	0.4126483	-
	7	-1	1	-0.3290150	-	7	-6	6	-0.1085750	-
	7	0	1	-0.2849354	-	7	-5	6	-0.2345487	-
	7	1	1	0.0000000	-	7	-4	6	-0.3674672	-
	7	2	1	0.3034261	-	7	-3	6	-0.4743981	-
	7	3	1	0.3354501	-	7	-2	6	-0.5244669	-
	7	4	1	-0.0408297	-	7	-1	6	-0.4975530	-
	7	5	1	-0.4882521	-	7	0	6	-0.3914726	-
	7	6	1	0.2260168	-	7	1	6	-0.2260168	-
	7	-6	2	-0.5244669	-	8	-6	0	0.5380276	+
	7	-5	2	-0.1825959	-	8	-5	0	0.0000000	+
	7	-4	2	0.2202190	-	8	-4	0	-0.3571139	+
	7	-3	2	0.3693184	-	8	-3	0	-0.3366902	+
	7	-2	2	0.2138598	-	8	-2	0	-0.0621656	+
	7	-1	2	-0.0973240	-	8	-1	0	0.2349637	+
	7	0	2	-0.3310650	-	8	0	0	0.3589130	+
	7	1	2	-0.3034261	-	8	1	0	0.2349637	+
	7	2	2	0.0000000	-	8	2	0	-0.0621656	+
	7	3	2	0.3535955	-	8	3	0	-0.3366902	+
	7	4	2	0.3291795	-	8	4	0	-0.3571139	+
	7	5	2	-0.4126483	-	8	5	0	0.0000000	+
	7	-6	3	-0.4743981	-	8	6	0	0.5380276	+
	7	-5	3	-0.3873444	-	8	-6	1	0.5380276	+
	7	-4	3	-0.0674280	-	8	-5	1	0.2584601	+
	7	-3	3	0.2467613	-	8	-4	1	-0.1422776	+
	7	-2	3	0.3693184	-	8	-3	1	-0.3645094	+
	7	-1	3	0.2383940	-	8	-2	1	-0.3095565	+
	7	0	3	-0.0624262	-	8	-1	1	-0.0512733	+
	7	1	3	-0.3354501	-	8	0	1	0.2349637	+
	7	2	3	-0.3535955	-	8	1	1	0.3640042	+
	7	3	3	0.0000000	-	8	2	1	0.2337860	+
	7	4	3	0.5278615	-	8	3	1	-0.1006055	+
	7	-6	4	-0.3674672	-	8	4	1	-0.3973597	+
	7	-5	4	-0.4619352	-	8	5	1	-0.2875878	+
	7	-4	4	-0.3388855	-	8	6	1	0.4547163	+
	7	-3	4	-0.0674280	-	8	-6	2	0.4718814	+
	7	-2	4	0.2202190	-	8	-5	2	0.4220636	+
	7	-1	4	0.3816291	-	8	-4	2	0.1329156	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					8	-1	6	0.5380276	+
					8	0	6	0.5380276	+
8	-3	2	-0.1885296	+	8	1	6	0.4547163	+
8	-2	2	-0.3640403	+	8	2	6	0.2875878	+
8	-1	2	-0.3095565	+	9	-6	0	-0.5423261	-
8	0	2	-0.0621656	+	9	-5	0	-0.3638034	-
8	1	2	0.2337860	+	9	-4	0	0.0000000	-
8	2	2	0.3817709	+	9	-3	0	0.2951340	-
8	3	2	0.2294157	+	9	-2	0	0.3864211	-
8	4	2	-0.1938917	+	9	-1	0	0.2605251	-
8	5	2	-0.4981168	+	9	0	0	0.0000000	-
8	6	2	0.2875878	+	9	1	0	-0.2605251	-
8	-6	3	0.3655178	+	9	2	0	-0.3864211	-
8	-5	3	0.4675719	+	9	3	0	-0.2951340	-
8	-4	3	0.3574451	+	9	4	0	0.0000000	-
8	-3	3	0.0974192	+	9	5	0	0.3638034	-
8	-2	3	-0.1885296	+	9	6	0	0.5423261	-
8	-1	3	-0.3645094	+	9	-6	1	-0.4537426	-
8	0	3	-0.3366902	+	9	-5	1	-0.4696682	-
8	1	3	-0.1006055	+	9	-4	1	-0.2494337	-
8	2	3	0.2294157	+	9	-3	1	0.0596261	-
8	3	3	0.4247954	+	9	-2	1	0.3050957	-
8	4	3	0.2123977	+	9	-1	1	0.3813696	-
8	5	3	-0.4981168	+	9	0	1	0.2605251	-
8	-6	4	0.2464320	+	9	1	1	0.0000000	-
8	-5	4	0.4081302	+	9	2	1	-0.2732410	-
8	-4	4	0.4563323	+	9	3	1	-0.4021998	-
8	-3	4	0.3574451	+	9	4	1	-0.2633016	-
8	-2	4	0.1329156	+	9	5	1	0.1449428	-
8	-1	4	-0.1422776	+	9	6	1	0.5797710	-
8	0	4	-0.3571139	+	9	-6	2	-0.3429972	-
8	1	4	-0.3973597	+	9	-5	2	-0.4708710	-
8	2	4	-0.1938917	+	9	-4	2	-0.4131015	-
8	3	4	0.2123977	+	9	-3	2	-0.2009994	-
8	4	4	0.5816751	+	9	-2	2	0.0762739	-
8	-6	5	0.1381527	+	9	-1	2	0.3050957	-
8	-5	5	0.2820031	+	9	0	2	0.3864211	-
8	-4	5	0.4081302	+	9	1	2	0.2732410	-
8	-3	5	0.4675719	+	9	2	2	0.0000000	-
8	-2	5	0.4220636	+	9	3	2	-0.3040345	-
8	-1	5	0.2584601	+	9	4	2	-0.4299697	-
8	0	5	0.0000000	+	9	5	2	-0.1587768	-
8	1	5	-0.2875878	+	9	6	2	0.5345225	-
8	2	5	-0.4981168	+	9	-6	3	-0.2330207	-
8	3	5	-0.4981168	+	9	-5	3	-0.3963309	-
8	-6	6	0.0564006	+	9	-4	3	-0.4623861	-
8	-5	6	0.1381527	+	9	-3	3	-0.3940819	-
8	-4	6	0.2464320	+	9	-2	3	-0.2009994	-
8	-3	6	0.3655178	+	9	-1	3	0.0596261	-
8	-2	6	0.4718814	+	9	0	3	0.2951340	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					10	3	0	0.1527114	+
					10	4	0	0.3942991	+
9	1	3	0.4021998	-	10	5	0	0.5050892	+
9	2	3	0.3040345	-	10	6	0	0.4118320	+
9	3	3	0.0000000	-	10	-6	1	0.2984006	+
9	4	3	-0.3723647	-	10	-5	1	0.4540021	+
9	5	3	-0.4629100	-	10	-4	1	0.4732372	+
9	6	3	0.3779645	-	10	-3	1	0.3512155	+
9	-6	4	-0.1392565	-	10	-2	1	0.1280680	+
9	-5	4	-0.2828313	-	10	-1	1	-0.1254954	+
9	-4	4	-0.4067943	-	10	0	1	-0.3280767	+
9	-3	4	-0.4623861	-	10	1	1	-0.4091835	+
9	-2	4	-0.4131015	-	10	2	1	-0.3298943	+
9	-1	4	-0.2494337	-	10	3	1	-0.0999731	+
9	0	4	0.0000000	-	10	4	1	0.2116381	+
9	1	4	0.2633016	-	10	5	1	0.4769558	+
9	2	4	0.4299697	-	10	6	1	0.5240225	+
9	3	4	0.3723647	-	10	-6	2	0.1989338	+
9	4	4	0.0000000	-	10	-5	2	0.3596636	+
9	5	4	-0.5976143	-	10	-4	2	0.4589104	+
9	-6	5	-0.0696282	-	10	-3	2	0.4556100	+
9	-5	5	-0.1652602	-	10	-2	2	0.3378722	+
9	-4	5	-0.2828313	-	10	-1	2	0.1280680	+
9	-3	5	-0.3963309	-	10	0	2	-0.1197967	+
9	-2	5	-0.4708710	-	10	1	2	-0.3298943	+
9	-1	5	-0.4696682	-	10	2	2	-0.4215235	+
9	0	5	-0.3638034	-	10	3	2	-0.3332436	+
9	1	5	-0.1449428	-	10	4	2	-0.0544184	+
9	2	5	0.1587768	-	10	5	2	0.3348554	+
9	3	5	0.4629100	-	10	6	2	0.6088591	+
9	4	5	0.5976143	-	10	-6	3	0.1205721	+
9	-6	6	-0.0254246	-	10	-5	3	0.2525638	+
9	-5	6	-0.0696282	-	10	-4	3	0.3789431	+
9	-4	6	-0.1392565	-	10	-3	3	0.4585408	+
9	-3	6	-0.2330207	-	10	-2	3	0.4556100	+
9	-2	6	-0.3429972	-	10	-1	3	0.3512155	+
9	-1	6	-0.4537426	-	10	0	3	0.1527114	+
9	0	6	-0.5423261	-	10	1	3	-0.0999731	+
9	1	6	-0.5797710	-	10	2	3	-0.3332436	+
9	2	6	-0.5345225	-	10	3	3	-0.4470932	+
9	3	6	-0.3779645	-	10	4	3	-0.3365595	+
10	-6	0	0.4118320	+	10	5	3	0.0585875	+
10	-5	0	0.5050892	+	10	6	3	0.6255432	+
10	-4	0	0.3942991	+	10	-6	4	0.0647576	+
10	-3	0	0.1527114	+	10	-5	4	0.1546987	+
10	-2	0	-0.1197967	+	10	-4	4	0.2670799	+
10	-1	0	-0.3280767	+	10	-3	4	0.3789431	+
10	0	0	-0.4054466	+	10	-2	4	0.4589104	+
10	1	0	-0.3280767	+	10	-1	4	0.4732372	+
10	2	0	-0.1197967	+	10	0	4	0.3942991	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 6					3/2	1/2	0	-0.1754116	-
					3/2	3/2	0	-0.3508232	-
10	1	4	0.2116381	+	3/2	-5/2	1	-0.3631365	-
10	2	4	-0.0544184	+	3/2	-3/2	1	-0.0937614	-
10	3	4	-0.3365595	+	3/2	-1/2	1	0.2435994	-
10	4	4	-0.5017133	+	3/2	1/2	1	0.3281651	-
10	5	4	-0.3296902	+	3/2	-7/2	2	0.3631365	-
10	6	4	0.5107539	+	3/2	-5/2	2	0.0000000	-
10	-6	5	0.0292274	+	3/2	-3/2	2	-0.2964997	-
10	-5	5	0.0788368	+	3/2	-1/2	2	-0.2964997	-
10	-4	5	0.1546987	+	3/2	-9/2	3	-0.3476767	-
10	-3	5	0.2525638	+	3/2	-7/2	3	0.1048285	-
10	-2	5	0.3596636	+	3/2	-5/2	3	0.3314968	-
10	-1	5	0.4540021	+	3/2	-3/2	3	0.2567763	-
10	0	5	0.5050892	+	3/2	-11/2	4	0.3109715	-
10	1	5	0.4769558	+	3/2	-9/2	4	-0.2198901	-
10	2	5	0.3348554	+	3/2	-7/2	4	-0.3445016	-
10	3	5	0.0585875	+	3/2	-5/2	4	-0.2096570	-
10	4	5	-0.3296902	+	3/2	-13/2	5	-0.2390457	-
10	5	5	-0.6915641	+	3/2	-11/2	5	0.3445016	-
10	-6	6	0.0096535	+	3/2	-9/2	5	0.3281651	-
10	-5	6	0.0292274	+	3/2	-7/2	5	0.1554858	-
10	-4	6	0.0647576	+	3/2	-13/2	6	-0.4780914	-
10	-3	6	0.1205721	+	3/2	-11/2	6	-0.2651974	-
10	-2	6	0.1989338	+	3/2	-9/2	6	-0.0937614	-
10	-1	6	0.2984006	+	5/2	-5/2	0	0.3966644	+
10	0	6	0.4118320	+	5/2	-3/2	0	0.0793329	+
10	1	6	0.5240225	+	5/2	-1/2	0	-0.2591001	+
10	2	6	0.6088591	+	5/2	1/2	0	-0.2591001	+
10	3	6	0.6255432	+	5/2	3/2	0	0.0793329	+
10	4	6	0.5107539	+	5/2	5/2	0	0.3966644	+
					5/2	-7/2	1	-0.3871048	+
J1 = 13/2					5/2	-5/2	1	0.0547449	+
					5/2	-3/2	1	0.3116134	+
1/2	-1/2	0	0.2773501	+	5/2	-1/2	1	0.1599201	+
1/2	1/2	0	0.2773501	+	5/2	1/2	1	-0.1978910	+
1/2	-3/2	1	-0.2964997	+	5/2	3/2	1	-0.3832142	+
1/2	-1/2	1	-0.2567763	+	5/2	-9/2	2	0.3516054	+
1/2	-5/2	2	0.3144855	+	5/2	-7/2	2	-0.1916071	+
1/2	-3/2	2	0.2344036	+	5/2	-5/2	2	-0.3060332	+
1/2	-7/2	3	-0.3314968	+	5/2	-3/2	2	-0.0273724	+
1/2	-5/2	3	-0.2096570	+	5/2	-1/2	2	0.2905436	+
1/2	-9/2	4	0.3476767	+	5/2	1/2	2	0.3498251	+
1/2	-7/2	4	0.1815683	+	5/2	-11/2	3	-0.2870846	+
1/2	-11/2	5	-0.3631365	+	5/2	-9/2	3	0.3144855	+
1/2	-9/2	5	-0.1482499	+	5/2	-7/2	3	0.2322629	+
1/2	-13/2	6	0.3779645	+	5/2	-5/2	3	-0.1224133	+
1/2	-11/2	6	0.1048285	+	5/2	-3/2	3	-0.3483943	+
3/2	-3/2	0	0.3508232	-	5/2	-1/2	3	-0.2998501	+
3/2	-1/2	0	0.1754116	-	5/2	-13/2	4	0.1889822	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					7/2	-9/2	4	0.3236029	-
					7/2	-7/2	4	0.0187773	-
5/2	-11/2	4	-0.3984861	+	7/2	-5/2	4	-0.2836353	-
5/2	-9/2	4	-0.0811998	+	7/2	-3/2	4	-0.3859646	-
5/2	-7/2	4	0.2685663	+	7/2	-1/2	4	-0.2721095	-
5/2	-5/2	4	0.3634802	+	7/2	-13/2	5	-0.4807207	-
5/2	-3/2	4	0.2370523	+	7/2	-11/2	5	-0.1032754	-
5/2	-13/2	5	0.3964125	+	7/2	-9/2	5	0.2529720	-
5/2	-11/2	5	-0.1554858	+	7/2	-7/2	5	0.3979586	-
5/2	-9/2	5	-0.3808608	+	7/2	-5/2	5	0.3425257	-
5/2	-7/2	5	-0.3281651	+	7/2	-3/2	5	0.1842190	-
5/2	-5/2	5	-0.1657484	+	7/2	-13/2	6	-0.4299697	-
5/2	-13/2	6	0.4855042	+	7/2	-11/2	6	-0.4770086	-
5/2	-11/2	6	0.4039639	+	7/2	-9/2	6	-0.3771084	-
5/2	-9/2	6	0.2332287	+	7/2	-7/2	6	-0.2274049	-
5/2	-7/2	6	0.0907841	+	7/2	-5/2	6	-0.0951303	-
7/2	-7/2	0	0.4156542	-	9/2	-9/2	0	0.3979586	+
7/2	-5/2	0	-0.0496802	-	9/2	-7/2	0	-0.2078271	+
7/2	-3/2	0	-0.3206842	-	9/2	-5/2	0	-0.3286035	+
7/2	-1/2	0	-0.1720972	-	9/2	-3/2	0	-0.0320684	+
7/2	1/2	0	0.1720972	-	9/2	-1/2	0	0.2721095	+
7/2	3/2	0	0.3206842	-	9/2	1/2	0	0.2721095	+
7/2	5/2	0	0.0496802	-	9/2	3/2	0	-0.0320684	+
7/2	7/2	0	-0.4156542	-	9/2	5/2	0	-0.3286035	+
7/2	-9/2	1	-0.3684381	-	9/2	7/2	0	-0.2078271	+
7/2	-7/2	1	0.2181730	-	9/2	9/2	0	0.3979586	+
7/2	-5/2	1	0.3053845	-	9/2	-11/2	1	-0.3008284	+
7/2	-3/2	1	-0.0076658	-	9/2	-9/2	1	0.3684381	+
7/2	-1/2	1	-0.2921069	-	9/2	-7/2	1	0.1924105	+
7/2	1/2	1	-0.2399781	-	9/2	-5/2	1	-0.1991638	+
7/2	3/2	1	0.1199890	-	9/2	-3/2	1	-0.3151388	+
7/2	5/2	1	0.4259188	-	9/2	-1/2	1	-0.0839748	+
7/2	-11/2	2	0.2853909	-	9/2	1/2	1	0.2399781	+
7/2	-9/2	2	-0.3522942	-	9/2	3/2	1	0.3174611	+
7/2	-7/2	2	-0.1858862	-	9/2	5/2	1	0.0000000	+
7/2	-5/2	2	0.1951399	-	9/2	7/2	1	-0.4489578	+
7/2	-3/2	2	0.3151388	-	9/2	-13/2	2	0.1714986	+
7/2	-1/2	2	0.0867288	-	9/2	-11/2	2	-0.4280863	+
7/2	1/2	2	-0.2628828	-	9/2	-9/2	2	0.0582552	+
7/2	3/2	2	-0.4015601	-	9/2	-7/2	2	0.3385784	+
7/2	-13/2	3	-0.1714986	-	9/2	-5/2	2	0.1799835	+
7/2	-11/2	3	0.4134925	-	9/2	-3/2	2	-0.1571493	+
7/2	-9/2	3	-0.0254246	-	9/2	-1/2	2	-0.3306537	+
7/2	-7/2	3	-0.3256845	-	9/2	1/2	2	-0.1738806	+
7/2	-5/2	3	-0.2222426	-	9/2	3/2	2	0.2007801	+
7/2	-3/2	3	0.1032754	-	9/2	5/2	2	0.4489578	+
7/2	-1/2	3	0.3567695	-	9/2	-13/2	3	0.3429972	+
7/2	1/2	3	0.3477612	-	9/2	-11/2	3	-0.3329560	+
7/2	-13/2	4	-0.3550358	-	9/2	-9/2	3	-0.2796711	+
7/2	-11/2	4	0.2842561	-	9/2	-7/2	3	0.0867288	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					11/2	7/2	1	-0.1612174	-
					11/2	9/2	1	0.4388005	-
9/2	-5/2	3	0.3256845	+	11/2	-13/2	2	-0.3519077	-
9/2	-3/2	3	0.2534941	+	11/2	-11/2	2	0.3491902	-
9/2	-1/2	3	-0.0496802	+	11/2	-9/2	2	0.2777791	-
9/2	1/2	3	-0.3477612	+	11/2	-7/2	2	-0.1025767	-
9/2	3/2	3	-0.4015601	+	11/2	-5/2	2	-0.3289774	-
9/2	-13/2	4	0.4696682	+	11/2	-3/2	2	-0.2315828	-
9/2	-11/2	4	-0.0284256	+	11/2	-1/2	2	0.0744476	-
9/2	-9/2	4	-0.3411074	+	11/2	1/2	2	0.3224347	-
9/2	-7/2	4	-0.2968959	+	11/2	3/2	2	0.2763726	-
9/2	-5/2	4	-0.0191645	+	11/2	5/2	2	-0.0921242	-
9/2	-3/2	4	0.2749294	+	11/2	7/2	2	-0.4831034	-
9/2	-1/2	4	0.4081643	+	11/2	-13/2	3	-0.4721337	-
9/2	1/2	4	0.3174611	+	11/2	-11/2	3	0.0756019	-
9/2	-13/2	5	0.4807207	+	11/2	-9/2	3	0.3601024	-
9/2	-11/2	5	0.3265854	+	11/2	-7/2	3	0.2456306	-
9/2	-9/2	5	0.0000000	+	11/2	-5/2	3	-0.0700600	-
9/2	-7/2	5	-0.2842561	+	11/2	-3/2	3	-0.3143084	-
9/2	-5/2	5	-0.4119263	+	11/2	-1/2	3	-0.3059840	-
9/2	-3/2	5	-0.3684381	+	11/2	1/2	3	-0.0398910	-
9/2	-1/2	5	-0.2127178	+	11/2	3/2	3	0.3089940	-
9/2	-13/2	6	0.3399209	+	11/2	5/2	3	0.4583121	-
9/2	-11/2	6	0.4713855	+	11/2	-13/2	4	-0.4976726	-
9/2	-9/2	6	0.4713855	+	11/2	-11/2	4	-0.2440041	-
9/2	-7/2	6	0.3760355	+	11/2	-9/2	4	0.1313355	-
9/2	-5/2	6	0.2378257	+	11/2	-7/2	4	0.3499732	-
9/2	-3/2	6	0.1063589	+	11/2	-5/2	4	0.3092741	-
11/2	-11/2	0	0.3317020	-	11/2	-3/2	4	0.0624262	-
11/2	-9/2	0	-0.3674672	-	11/2	-1/2	4	-0.2393005	-
11/2	-7/2	0	-0.2383940	-	11/2	1/2	4	-0.4234207	-
11/2	-5/2	0	0.1566885	-	11/2	3/2	4	-0.3742103	-
11/2	-3/2	0	0.3303285	-	11/2	-13/2	5	-0.4126483	-
11/2	-1/2	0	0.1611838	-	11/2	-11/2	5	-0.4449408	-
11/2	1/2	0	-0.1611838	-	11/2	-9/2	5	-0.2606230	-
11/2	3/2	0	-0.3303285	-	11/2	-7/2	5	0.0244004	-
11/2	5/2	0	-0.1566885	-	11/2	-5/2	5	0.2837170	-
11/2	7/2	0	0.2383940	-	11/2	-3/2	5	0.4226274	-
11/2	9/2	0	0.3674672	-	11/2	-1/2	5	0.4037512	-
11/2	11/2	0	-0.3317020	-	11/2	1/2	5	0.2533416	-
11/2	-13/2	1	-0.1845419	-	11/2	-13/2	6	-0.2416221	-
11/2	-11/2	1	0.4475330	-	11/2	-11/2	6	-0.4020835	-
11/2	-9/2	1	-0.0422627	-	11/2	-9/2	6	-0.4855620	-
11/2	-7/2	1	-0.3440528	-	11/2	-7/2	6	-0.4781484	-
11/2	-5/2	1	-0.2051535	-	11/2	-5/2	6	-0.3928390	-
11/2	-3/2	1	0.1292345	-	11/2	-3/2	6	-0.2618926	-
11/2	-1/2	1	0.3233256	-	11/2	-1/2	6	-0.1253716	-
11/2	1/2	1	0.2059960	-	13/2	-13/2	0	0.2104102	+
11/2	3/2	1	-0.1261463	-	13/2	-11/2	0	-0.4693766	+
11/2	5/2	1	-0.3582791	-	13/2	-9/2	0	-0.0161854	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					13/2	-11/2	4	0.4199706	+
					13/2	-9/2	4	0.1678493	+
13/2	-7/2	0	0.3340078	+	13/2	-7/2	4	-0.1415988	+
13/2	-5/2	0	0.2722090	+	13/2	-5/2	4	-0.3446972	+
13/2	-3/2	0	-0.0367850	+	13/2	-3/2	4	-0.3446972	+
13/2	-1/2	0	-0.2942800	+	13/2	-1/2	4	-0.1415988	+
13/2	1/2	0	-0.2942800	+	13/2	1/2	4	0.1678493	+
13/2	3/2	0	-0.0367850	+	13/2	3/2	4	0.4199706	+
13/2	5/2	0	0.2722090	+	13/2	5/2	4	0.4416406	+
13/2	7/2	0	0.3340078	+	13/2	-13/2	5	0.3087977	+
13/2	9/2	0	-0.0161854	+	13/2	-11/2	5	0.4450249	+
13/2	11/2	0	-0.4693766	+	13/2	-9/2	5	0.4239215	+
13/2	13/2	0	0.2104102	+	13/2	-7/2	5	0.2556343	+
13/2	-13/2	1	0.3781984	+	13/2	-5/2	5	0.0000000	+
13/2	-11/2	1	-0.3425803	+	13/2	-3/2	5	-0.2556343	+
13/2	-9/2	1	-0.3104131	+	13/2	-1/2	5	-0.4239215	+
13/2	-7/2	1	0.0603094	+	13/2	1/2	5	-0.4450249	+
13/2	-5/2	1	0.3198392	+	13/2	3/2	5	-0.3087977	+
13/2	-3/2	1	0.2752737	+	13/2	-13/2	6	0.1543989	+
13/2	-1/2	1	0.0000000	+	13/2	-11/2	6	0.2997578	+
13/2	1/2	1	-0.2752737	+	13/2	-9/2	6	0.4239215	+
13/2	3/2	1	-0.3198392	+	13/2	-7/2	6	0.4950337	+
13/2	5/2	1	-0.0603094	+	13/2	-5/2	6	0.4950337	+
13/2	7/2	1	0.3104131	+	13/2	-3/2	6	0.4239215	+
13/2	9/2	1	0.3425803	+	13/2	-1/2	6	0.2997578	+
13/2	11/2	1	-0.3781984	+	13/2	1/2	6	0.1543989	+
13/2	-13/2	2	0.4882521	+	15/2	-13/2	0	-0.4208204	-
13/2	-11/2	2	-0.0707191	+	15/2	-11/2	0	0.3087977	-
13/2	-9/2	2	-0.3651918	+	15/2	-9/2	0	0.3633613	-
13/2	-7/2	2	-0.2558713	+	15/2	-7/2	0	0.0365192	-
13/2	-5/2	2	0.0583944	+	15/2	-5/2	0	-0.2725071	-
13/2	-3/2	2	0.3046722	+	15/2	-3/2	0	-0.3371401	-
13/2	-1/2	2	0.3046722	+	15/2	-1/2	0	-0.1471400	-
13/2	1/2	2	0.0583944	+	15/2	1/2	0	0.1471400	-
13/2	3/2	2	-0.2558713	+	15/2	3/2	0	0.3371401	-
13/2	5/2	2	-0.3651918	+	15/2	5/2	0	0.2725071	-
13/2	7/2	2	-0.0707191	+	15/2	7/2	0	-0.0365192	-
13/2	9/2	2	0.4882521	+	15/2	9/2	0	-0.3633613	-
13/2	-13/2	3	0.5099627	+	15/2	11/2	0	-0.3087977	-
13/2	-11/2	3	0.2236334	+	15/2	13/2	0	0.4208204	-
13/2	-9/2	3	-0.1633188	+	15/2	-13/2	1	-0.5153976	-
13/2	-7/2	3	-0.3570078	+	15/2	-11/2	1	0.0228896	-
13/2	-5/2	3	-0.2725071	+	15/2	-9/2	1	0.3560788	-
13/2	-3/2	3	0.0000000	+	15/2	-7/2	1	0.3077302	-
13/2	-1/2	3	0.2725071	+	15/2	-5/2	1	0.0232649	-
13/2	1/2	3	0.3570078	+	15/2	-3/2	1	-0.2556113	-
13/2	3/2	3	0.1633188	+	15/2	-1/2	1	-0.3405629	-
13/2	5/2	3	-0.2236334	+	15/2	1/2	1	-0.1802089	-
13/2	7/2	3	-0.5099627	+	15/2	3/2	1	0.1208878	-
13/2	-13/2	4	0.4416406	+	15/2	5/2	1	0.3474810	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					15/2	3/2	5	0.4852536	-
					15/2	5/2	5	0.3820381	-
15/2	7/2	1	0.2830447	-	15/2	-13/2	6	-0.0882279	-
15/2	9/2	1	-0.1167146	-	15/2	-11/2	6	-0.1957602	-
15/2	11/2	1	-0.4862551	-	15/2	-9/2	6	-0.3171677	-
15/2	13/2	1	0.2514883	-	15/2	-7/2	6	-0.4276689	-
15/2	-13/2	2	-0.5219634	-	15/2	-5/2	6	-0.5014862	-
15/2	-11/2	2	-0.2507431	-	15/2	-3/2	6	-0.5179328	-
15/2	-9/2	2	0.1380295	-	15/2	-1/2	6	-0.4668583	-
15/2	-7/2	2	0.3536261	-	15/2	1/2	6	-0.3529117	-
15/2	-5/2	2	0.3003139	-	15/2	3/2	6	-0.1972836	-
15/2	-3/2	2	0.0497424	-	17/2	-13/2	0	0.5494157	+
15/2	-1/2	2	-0.2279483	-	17/2	-11/2	0	0.0681466	+
15/2	1/2	2	-0.3531360	-	17/2	-9/2	0	-0.3122871	+
15/2	3/2	2	-0.2268057	-	17/2	-7/2	0	-0.3708541	+
15/2	5/2	2	0.0976016	-	17/2	-5/2	0	-0.1658510	+
15/2	7/2	2	0.3854955	-	17/2	-3/2	0	0.1267882	+
15/2	9/2	2	0.2790012	-	17/2	-1/2	0	0.3273658	+
15/2	11/2	2	-0.4411396	-	17/2	1/2	0	0.3273658	+
15/2	-13/2	3	-0.4520336	-	17/2	3/2	0	0.1267882	+
15/2	-11/2	3	-0.4226274	-	17/2	5/2	0	-0.1658510	+
15/2	-9/2	3	-0.1603758	-	17/2	7/2	0	-0.3708541	+
15/2	-7/2	3	0.1512447	-	17/2	9/2	0	-0.3122871	+
15/2	-5/2	3	0.3448049	-	17/2	11/2	0	0.0681466	+
15/2	-3/2	3	0.3290150	-	17/2	13/2	0	0.5494157	+
15/2	-1/2	3	0.1177120	-	17/2	-13/2	1	0.5307860	+
15/2	1/2	3	-0.1745951	-	17/2	-11/2	1	0.3147558	+
15/2	3/2	3	-0.3710146	-	17/2	-9/2	1	-0.0597685	+
15/2	5/2	3	-0.3047610	-	17/2	-7/2	1	-0.3237080	+
15/2	7/2	3	0.0728518	-	17/2	-5/2	1	-0.3558016	+
15/2	9/2	3	0.5402835	-	17/2	-3/2	1	-0.1749844	+
15/2	-13/2	4	-0.3338489	-	17/2	-1/2	1	0.1010273	+
15/2	-11/2	4	-0.4542410	-	17/2	1/2	1	0.3162654	+
15/2	-9/2	4	-0.3910334	-	17/2	3/2	1	0.3433442	+
15/2	-7/2	4	-0.1772394	-	17/2	5/2	1	0.1447666	+
15/2	-5/2	4	0.0967103	-	17/2	7/2	1	-0.1845419	+
15/2	-3/2	4	0.3164023	-	17/2	9/2	1	-0.4121121	+
15/2	-1/2	4	0.3825187	-	17/2	11/2	1	-0.2351282	+
15/2	1/2	4	0.2484532	-	17/2	13/2	1	0.4795693	+
15/2	3/2	4	-0.0497673	-	17/2	-13/2	2	0.4485960	+
15/2	5/2	4	-0.3785491	-	17/2	-11/2	2	0.4475330	+
15/2	7/2	4	-0.5151401	-	17/2	-9/2	2	0.2138345	+
15/2	-13/2	5	-0.2021556	-	17/2	-7/2	2	-0.0933250	+
15/2	-11/2	5	-0.3602582	-	17/2	-5/2	2	-0.3175805	+
15/2	-9/2	5	-0.4498759	-	17/2	-3/2	2	-0.3596770	+
15/2	-7/2	5	-0.4303335	-	17/2	-1/2	2	-0.2071675	+
15/2	-5/2	5	-0.2928049	-	17/2	1/2	2	0.0626858	+
15/2	-3/2	5	-0.0647416	-	17/2	3/2	2	0.3070964	+
15/2	-1/2	5	0.1942248	-	17/2	5/2	2	0.3690839	+
15/2	1/2	5	0.4043111	-	17/2	7/2	2	0.1559664	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					17/2	5/2	6	0.2601330	+
					19/2	-13/2	0	-0.5291350	-
17/2	9/2	2	-0.2549813	+	19/2	-11/2	0	-0.4035780	-
17/2	11/2	2	-0.4837016	+	19/2	-9/2	0	-0.0778289	-
17/2	13/2	2	0.3126409	+	19/2	-7/2	0	0.2276487	-
17/2	-13/2	3	0.3338489	+	19/2	-5/2	0	0.3773241	-
17/2	-11/2	3	0.4583121	+	19/2	-3/2	0	0.3306702	-
17/2	-9/2	3	0.4020835	+	19/2	-1/2	0	0.1295152	-
17/2	-7/2	3	0.1956385	+	19/2	1/2	0	-0.1295152	-
17/2	-5/2	3	-0.0742396	+	19/2	3/2	0	-0.3306702	-
17/2	-3/2	3	-0.2969583	+	19/2	5/2	0	-0.3773241	-
17/2	-1/2	3	-0.3761147	+	19/2	7/2	0	-0.2276487	-
17/2	1/2	3	-0.2659532	+	19/2	9/2	0	0.0778289	-
17/2	3/2	3	0.0000000	+	19/2	11/2	0	0.4035780	-
17/2	5/2	3	0.2959254	+	19/2	13/2	0	0.5291350	-
17/2	7/2	3	0.4185018	+	19/2	-13/2	1	-0.4286483	-
17/2	9/2	3	0.1545420	+	19/2	-11/2	1	-0.4804707	-
17/2	11/2	3	-0.5202660	+	19/2	-9/2	1	-0.3118557	-
17/2	-13/2	4	0.2154986	+	19/2	-7/2	1	-0.0331408	-
17/2	-11/2	4	0.3746192	+	19/2	-5/2	1	0.2281841	-
17/2	-9/2	4	0.4514122	+	19/2	-3/2	1	0.3692201	-
17/2	-7/2	4	0.4071913	+	19/2	-1/2	1	0.3397386	-
17/2	-5/2	4	0.2424655	+	19/2	1/2	1	0.1546568	-
17/2	-3/2	4	0.0000000	+	19/2	3/2	1	-0.1093589	-
17/2	-1/2	4	-0.2427810	+	19/2	5/2	1	-0.3332436	-
17/2	1/2	4	-0.3914726	+	19/2	7/2	1	-0.3909319	-
17/2	3/2	4	-0.3624332	+	19/2	9/2	1	-0.2010730	-
17/2	5/2	4	-0.1208111	+	19/2	11/2	1	0.2038040	-
17/2	7/2	4	0.2701417	+	19/2	13/2	1	0.5830784	-
17/2	9/2	4	0.5816751	+	19/2	-13/2	2	-0.3130405	-
17/2	-13/2	5	0.1151888	+	19/2	-11/2	2	-0.4547057	-
17/2	-11/2	5	0.2428861	+	19/2	-9/2	2	-0.4402737	-
17/2	-9/2	5	0.3674672	+	19/2	-7/2	2	-0.2795256	-
17/2	-7/2	5	0.4495430	+	19/2	-5/2	2	-0.0326348	-
17/2	-5/2	5	0.4536114	+	19/2	-3/2	2	0.2116232	-
17/2	-3/2	5	0.3586113	+	19/2	-1/2	2	0.3633076	-
17/2	-1/2	5	0.1669245	+	19/2	1/2	2	0.3593900	-
17/2	1/2	5	-0.0892249	+	19/2	3/2	2	0.1885110	-
17/2	3/2	5	-0.3455665	+	19/2	5/2	2	-0.0919840	-
17/2	5/2	5	-0.5099627	+	19/2	7/2	2	-0.3526719	-
17/2	7/2	5	-0.4749357	+	19/2	9/2	2	-0.4122054	-
17/2	-13/2	6	0.0446124	+	19/2	11/2	2	-0.1022787	-
17/2	-11/2	6	0.1113594	+	19/2	13/2	2	0.5531567	-
17/2	-9/2	6	0.2033135	+	19/2	-13/2	3	-0.2049331	-
17/2	-7/2	6	0.3105665	+	19/2	-11/2	3	-0.3634541	-
17/2	-5/2	6	0.4166687	+	19/2	-9/2	3	-0.4513385	-
17/2	-3/2	6	0.5007734	+	19/2	-7/2	3	-0.4291407	-
17/2	-1/2	6	0.5408971	+	19/2	-5/2	3	-0.2909932	-
17/2	1/2	6	0.5183497	+	19/2	-3/2	3	-0.0685740	-
17/2	3/2	6	0.4232308	+	19/2	-1/2	3	0.1739904	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 13/2					1	1	0	0.2480695 +	
					1	-2	1	-0.2812843 +	
19/2	1/2	3	0.3537199 -		1	-1	1	-0.3247992 +	
19/2	3/2	3	0.3907966 -		1	0	1	-0.2148345 +	
19/2	5/2	3	0.2389814 -		1	-3	2	0.3144855 +	
19/2	7/2	3	-0.0755725 -		1	-2	2	0.3144855 +	
19/2	9/2	3	-0.4071123 -		1	-1	2	0.1815683 +	
19/2	11/2	3	-0.4346845 -		1	-4	3	-0.3476767 +	
19/2	13/2	3	0.4018590 -		1	-3	3	-0.2964997 +	
19/2	-13/2	4	-0.1176663 -		1	-2	3	-0.1482499 +	
19/2	-11/2	4	-0.2464770 -		1	-5	4	0.3808608 +	
19/2	-9/2	4	-0.3698106 -		1	-4	4	0.2693093 +	
19/2	-7/2	4	-0.4474900 -		1	-3	4	0.1148339 +	
19/2	-5/2	4	-0.4446298 -		1	-6	5	-0.4140393 +	
19/2	-3/2	4	-0.3427513 -		1	-5	5	-0.2296677 +	
19/2	-1/2	4	-0.1490311 -		1	-4	5	-0.0811998 +	
19/2	1/2	4	0.0975637 -		1	-7	6	0.4472136 +	
19/2	3/2	4	0.3252124 -		1	-6	6	0.1690309 +	
19/2	5/2	4	0.4363183 -		1	-5	6	0.0468807 +	
19/2	7/2	4	0.3284485 -		2	-2	0	0.3396831 -	
19/2	9/2	4	-0.0571755 -		2	-1	0	0.2773501 -	
19/2	11/2	4	-0.6104677 -		2	0	0	0.0000000 -	
19/2	-13/2	5	-0.0563284 -		2	1	0	-0.2773501 -	
19/2	-11/2	5	-0.1366022 -		2	2	0	-0.3396831 -	
19/2	-9/2	5	-0.2403777 -		2	-3	1	-0.3706247 -	
19/2	-7/2	5	-0.3497309 -		2	-2	1	-0.2096570 -	
19/2	-5/2	5	-0.4386007 -		2	-1	1	0.1048285 -	
19/2	-3/2	5	-0.4769558 -		2	0	1	0.3202563 -	
19/2	-1/2	5	-0.4368138 -		2	1	1	0.2995723 -	
19/2	1/2	5	-0.3002316 -		2	-4	2	0.3887144 -	
19/2	3/2	5	-0.0693355 -		2	-3	2	0.1172018 -	
19/2	5/2	5	0.2214399 -		2	-2	2	-0.2029995 -	
19/2	7/2	5	0.4901781 -		2	-1	2	-0.3383325 -	
19/2	9/2	5	0.5844783 -		2	0	2	-0.2531848 -	
19/2	-13/2	6	-0.0196110 -		2	-5	3	-0.3887144 -	
19/2	-11/2	6	-0.0543913 -		2	-4	3	0.0000000 -	
19/2	-9/2	6	-0.1104692 -		2	-3	3	0.2870846 -	
19/2	-7/2	6	-0.1884169 -		2	-2	3	0.3314968 -	
19/2	-5/2	6	-0.2841911 -		2	-1	3	0.2029995 -	
19/2	-3/2	6	-0.3882789 -		2	-6	4	0.3618734 -	
19/2	-1/2	6	-0.4853487 -		2	-5	4	-0.1419384 -	
19/2	1/2	6	-0.5546842 -		2	-4	4	-0.3476767 -	
19/2	3/2	6	-0.5717554 -		2	-3	4	-0.2995723 -	
19/2	5/2	6	-0.5113936 -		2	-2	4	-0.1513069 -	
19/2	7/2	6	-0.3524537 -		2	-7	5	-0.2886751 -	
J1 = 7					2	-6	5	0.3086067 -	
					2	-5	5	0.3706247 -	
					2	-4	5	0.2420910 -	
1	-1	0	0.2480695 +		2	-3	5	0.1003656 -	
1	0	0	0.3281651 +		2	-7	6	-0.5000000 -	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					3	-3	6	0.0582552	+
					4	-4	0	0.4359418	-
2	-6	6	-0.3273268	-	4	-3	0	0.0464716	-
2	-5	6	-0.1572427	-	4	-2	0	-0.2810335	-
2	-4	6	-0.0524142	-	4	-1	0	-0.2738049	-
3	-3	0	0.4024554	+	4	0	0	0.0000000	-
3	-2	0	0.1858862	+	4	1	0	0.2738049	-
3	-1	0	-0.1559857	+	4	2	0	0.2810335	-
3	0	0	-0.3110471	+	4	3	0	-0.0464716	-
3	1	0	-0.1559857	+	4	4	0	-0.4359418	-
3	2	0	0.1858862	+	4	-5	1	-0.4036037	-
3	3	0	0.4024554	+	4	-4	1	0.1426954	-
3	-4	1	-0.4119263	+	4	-3	1	0.3334631	-
3	-3	1	-0.0507046	+	4	-2	1	0.1264860	-
3	-2	1	0.2675744	+	4	-1	1	-0.1889434	-
3	-1	1	0.2757884	+	4	0	1	-0.3161627	-
3	0	1	0.0138551	+	4	1	1	-0.1394147	-
3	1	1	-0.2868884	+	4	2	1	0.2129594	-
3	2	1	-0.3688565	+	4	3	1	0.4259188	-
3	-5	2	0.3907876	+	4	-6	2	0.3253957	-
3	-4	2	-0.1063589	+	4	-5	2	-0.3158698	-
3	-3	2	-0.3245096	+	4	-4	2	-0.2653193	-
3	-2	2	-0.1738806	+	4	-3	2	0.0822782	-
3	-1	2	0.1346619	+	4	-2	2	0.3089715	-
3	0	2	0.3463785	+	4	-1	2	0.2404856	-
3	1	2	0.3174611	+	4	0	2	-0.0471308	-
3	-6	3	-0.3321056	+	4	1	2	-0.3299153	-
3	-5	3	0.2658973	+	4	2	2	-0.3809534	-
3	-4	3	0.3027028	+	4	-7	3	-0.2029199	-
3	-3	3	0.0175646	+	4	-6	3	0.4218307	-
3	-2	3	-0.2653165	+	4	-5	3	0.0683398	-
3	-1	3	-0.3610368	+	4	-4	3	-0.2785710	-
3	0	3	-0.2545352	+	4	-3	3	-0.3027998	-
3	-7	4	0.2268713	+	4	-2	3	-0.0642398	-
3	-6	4	-0.3960590	+	4	-1	3	0.2288314	-
3	-5	4	-0.1780784	+	4	0	3	0.3820855	-
3	-4	4	0.1701743	+	4	1	3	0.3110471	-
3	-3	4	0.3536309	+	4	-7	4	-0.3929526	-
3	-2	4	0.3312012	+	4	-6	4	0.2245444	-
3	-1	4	0.1863007	+	4	-5	4	0.3580950	-
3	-7	5	0.4344255	+	4	-4	4	0.1392565	-
3	-6	5	-0.0734313	+	4	-3	4	-0.1643017	-
3	-5	5	-0.3492072	+	4	-2	4	-0.3567695	-
3	-4	5	-0.3744277	+	4	-1	4	-0.3657065	-
3	-3	5	-0.2608866	+	4	0	4	-0.2276632	-
3	-2	5	-0.1189129	+	4	-7	5	-0.4925922	-
3	-7	6	0.4758893	+	4	-6	5	-0.1861823	-
3	-6	6	0.4405878	+	4	-5	5	0.1632927	-
3	-5	6	0.2993205	+	4	-4	5	0.3651336	-
3	-4	6	0.1577558	+	4	-3	5	0.3892337	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					5	0	3	-0.1643363	+
					5	1	3	-0.3864827	+
4	-2	5	0.2883484	-	5	2	3	-0.3742103	+
4	-1	5	0.1426954	-	5	-7	4	0.4882521	+
4	-7	6	-0.4021998	-	5	-6	4	0.0532727	+
4	-6	6	-0.4807207	-	5	-5	4	-0.2922136	+
4	-5	6	-0.4216200	-	5	-4	4	-0.3460584	+
4	-4	6	-0.2981304	-	5	-3	4	-0.1547803	+
4	-3	6	-0.1681682	-	5	-2	4	0.1291916	+
4	-2	6	-0.0672673	-	5	-1	4	0.3474810	+
5	-5	0	0.4282254	+	5	0	4	0.4007416	+
5	-4	0	-0.1354168	+	5	1	4	0.2789199	+
5	-3	0	-0.3464514	+	5	-7	5	0.4674658	+
5	-2	0	-0.1500179	+	5	-6	5	0.3777694	+
5	-1	0	0.1697539	+	5	-5	5	0.1014474	+
5	0	0	0.3162654	+	5	-4	5	-0.1852167	+
5	1	0	0.1697539	+	5	-3	5	-0.3693795	+
5	2	0	-0.1500179	+	5	-2	5	-0.4094618	+
5	3	0	-0.3464514	+	5	-1	5	-0.3250540	+
5	4	0	-0.1354168	+	5	0	5	-0.1748223	+
5	5	0	0.4282254	+	5	-7	6	0.3060282	+
5	-6	1	-0.3369259	+	5	-6	6	0.4479794	+
5	-5	1	0.3343242	+	5	-5	6	0.4812071	+
5	-4	1	0.2659532	+	5	-4	6	0.4243847	+
5	-3	1	-0.0982097	+	5	-3	6	0.3134289	+
5	-2	1	-0.3149719	+	5	-2	6	0.1880573	+
5	-1	1	-0.2217236	+	5	-1	6	0.0809270	+
5	0	1	0.0712782	+	6	-6	0	0.3644411	-
5	1	1	0.3087077	+	6	-5	0	-0.3301187	-
5	2	1	0.2646066	+	6	-4	0	-0.2991215	-
5	3	1	-0.0882022	+	6	-3	0	0.0581156	-
5	4	1	-0.4625363	+	6	-2	0	0.3082047	-
5	-7	2	0.1993281	+	6	-1	0	0.2652604	-
5	-6	2	-0.4380037	+	6	0	0	0.0000000	-
5	-5	2	-0.0280339	+	6	1	0	-0.2652604	-
5	-4	2	0.3090097	+	6	2	0	-0.3082047	-
5	-3	2	0.2699811	+	6	3	0	-0.0581156	-
5	-2	2	-0.0151541	+	6	4	0	0.2991215	-
5	-1	2	-0.2763557	+	6	5	0	0.3301187	-
5	0	2	-0.3056323	+	6	6	0	-0.3644411	-
5	1	2	-0.0683211	+	6	-7	1	-0.2104102	-
5	2	2	0.2761166	+	6	-6	1	0.4545379	-
5	3	2	0.4410111	+	6	-5	1	0.0380104	-
5	-7	3	0.3781984	+	6	-4	1	-0.3122871	-
5	-6	3	-0.2858911	+	6	-3	1	-0.2824743	-
5	-5	3	-0.3318994	+	6	-2	1	0.0000000	-
5	-4	3	-0.0259544	+	6	-1	1	0.2652604	-
5	-3	3	0.2643172	+	6	0	1	0.3062963	-
5	-2	3	0.3246315	+	6	1	1	0.0906037	-
5	-1	3	0.1374677	+	6	2	1	-0.2219328	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 7					6	-4	6	-0.4882521	-	
					6	-3	6	-0.4416406	-	
	6	3	1	-0.3552773	-	6	-2	6	-0.3420934	-
	6	4	1	-0.0891422	-	6	-1	6	-0.2183530	-
	6	5	1	0.4631966	-	6	0	6	-0.1010778	-
	6	-7	2	-0.3841547	-	7	-7	0	0.2352457	+
	6	-6	2	0.3064494	-	7	-6	0	-0.4704915	+
	6	-5	2	0.3291795	-	7	-5	0	-0.0904791	+
	6	-4	2	0.0000000	-	7	-4	0	0.2895332	+
	6	-3	2	-0.2824743	-	7	-3	0	0.3240798	+
	6	-2	2	-0.3082047	-	7	-2	0	0.0822538	+
	6	-1	2	-0.0906037	-	7	-1	0	-0.2056344	+
	6	0	2	0.1990926	-	7	0	0	-0.3290150	+
	6	1	2	0.3438168	-	7	1	0	-0.2056344	+
	6	2	2	0.2050127	-	7	2	0	0.0822538	+
	6	3	2	-0.1699876	-	7	3	0	0.3240798	+
	6	4	2	-0.4882521	-	7	4	0	0.2895332	+
	6	-7	3	-0.4914123	-	7	5	0	-0.0904791	+
	6	-6	3	0.0000000	-	7	6	0	-0.4704915	+
	6	-5	3	0.3291795	-	7	7	0	0.2352457	+
	6	-4	3	0.3122871	-	7	-7	1	0.4074576	+
	6	-3	3	0.0581156	-	7	-6	1	-0.2989921	+
	6	-2	3	-0.2219328	-	7	-5	1	-0.3518231	+
	6	-1	3	-0.3438168	-	7	-4	1	-0.0353595	+
	6	0	3	-0.2297222	-	7	-3	1	0.2638538	+
	6	1	3	0.0627721	-	7	-2	1	0.3264345	+
	6	2	3	0.3605981	-	7	-1	1	0.1424677	+
	6	3	3	0.4416406	-	7	0	1	-0.1424677	+
	6	-7	4	-0.4914123	-	7	1	1	-0.3264345	+
	6	-6	4	-0.3064494	-	7	2	1	-0.2638538	+
	6	-5	4	0.0380104	-	7	3	1	0.0353595	+
	6	-4	4	0.2991215	-	7	4	1	0.3518231	+
	6	-3	4	0.3552773	-	7	5	1	0.2989921	+
	6	-2	4	0.2050127	-	7	6	1	-0.4074576	+
	6	-1	4	-0.0627721	-	7	-7	2	0.5053889	+
	6	0	4	-0.3154852	-	7	-6	2	0.0000000	+
	6	1	4	-0.4300383	-	7	-5	2	-0.3354501	+
	6	2	4	-0.3420934	-	7	-4	2	-0.3162654	+
	6	-7	5	-0.3841547	-	7	-3	2	-0.0583944	+
	6	-6	5	-0.4545379	-	7	-2	2	0.2207100	+
	6	-5	5	-0.3301187	-	7	-1	2	0.3371401	+
	6	-4	5	-0.0891422	-	7	0	2	0.2207100	+
	6	-3	5	0.1699876	-	7	1	2	-0.0583944	+
	6	-2	5	0.3605981	-	7	2	2	-0.3162654	+
	6	-1	5	0.4300383	-	7	3	2	-0.3354501	+
	6	0	5	0.3706185	-	7	4	2	0.0000000	+
	6	1	5	0.2183530	-	7	5	2	0.5053889	+
	6	-7	6	-0.2104102	-	7	-7	3	0.5053889	+
	6	-6	6	-0.3644411	-	7	-6	3	0.2850778	+
	6	-5	6	-0.4631966	-	7	-5	3	-0.0790664	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					8	2	0	0.3436330	-
					8	3	0	0.1974022	-
7	-4	3	-0.3227870	+	8	4	0	-0.1229419	-
7	-3	3	-0.3329398	+	8	5	0	-0.3878641	-
7	-2	3	-0.1376369	+	8	6	0	-0.2615742	-
7	-1	3	0.1376369	+	8	7	0	0.4467230	-
7	0	3	0.3329398	+	8	-7	1	-0.5285697	-
7	1	3	0.3227870	+	8	-6	1	-0.0435957	-
7	2	3	0.0790664	+	8	-5	1	0.3177533	-
7	3	3	-0.2850778	+	8	-4	1	0.3489912	-
7	4	3	-0.5053889	+	8	-3	1	0.1274777	-
7	-7	4	0.4173112	+	8	-2	1	-0.1584387	-
7	-6	4	0.4416406	+	8	-1	1	-0.3293087	-
7	-5	4	0.2475168	+	8	0	1	-0.2904229	-
7	-4	4	-0.0378009	+	8	1	1	-0.0649405	-
7	-3	4	-0.2771939	+	8	2	1	0.2153834	-
7	-2	4	-0.3693184	+	8	3	1	0.3617757	-
7	-1	4	-0.2771939	+	8	4	1	0.2222953	-
7	0	4	-0.0378009	+	8	5	1	-0.1820587	-
7	1	4	0.2475168	+	8	6	1	-0.4789862	-
7	2	4	0.4416406	+	8	7	1	0.2757234	-
7	3	4	0.4173112	+	8	-7	2	-0.5158312	-
7	-7	5	0.2768129	+	8	-6	2	-0.3058876	-
7	-6	5	0.4228387	+	8	-5	2	0.0580846	-
7	-5	5	0.4432554	+	8	-4	2	0.3145876	-
7	-4	5	0.3317020	+	8	-3	2	0.3457770	-
7	-3	5	0.1224891	+	8	-2	2	0.1700543	-
7	-2	5	-0.1224891	+	8	-1	2	-0.0981809	-
7	-1	5	-0.3317020	+	8	0	2	-0.3073547	-
7	0	5	-0.4432554	+	8	1	2	-0.3336705	-
7	1	5	-0.4228387	+	8	2	2	-0.1406879	-
7	2	5	-0.2768129	+	8	3	2	0.1793425	-
7	-7	6	0.1304909	+	8	4	2	0.4005009	-
7	-6	6	0.2609817	+	8	5	2	0.2285035	-
7	-5	6	0.3830164	+	8	6	2	-0.4660576	-
7	-4	6	0.4690974	+	8	-7	3	-0.4291975	-
7	-3	6	0.5000595	+	8	-6	3	-0.4442617	-
7	-2	6	0.4690974	+	8	-5	3	-0.2359407	-
7	-1	6	0.3830164	+	8	-4	3	0.0564006	-
7	0	6	0.2609817	+	8	-3	3	0.2885916	-
7	1	6	0.1304909	+	8	-2	3	0.3607396	-
8	-7	0	-0.4467230	-	8	-1	3	0.2464320	-
8	-6	0	0.2615742	-	8	0	3	0.0000000	-
8	-5	0	0.3878641	-	8	1	3	-0.2584601	-
8	-4	0	0.1229419	-	8	2	3	-0.3804430	-
8	-3	0	-0.1974022	-	8	3	3	-0.2490584	-
8	-2	0	-0.3436330	-	8	4	3	0.1371021	-
8	-1	0	-0.2515136	-	8	5	3	0.5484085	-
8	0	0	0.0000000	-	8	-7	4	-0.3034885	-
8	1	0	0.2515136	-	8	-6	4	-0.4392977	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					9	-5	1	0.0168574	+
					9	-4	1	-0.2691300	+
8	-5	4	-0.4221892	-	9	-3	1	-0.3688426	+
8	-4	4	-0.2621264	-	9	-2	1	-0.2649052	+
8	-3	4	-0.0186285	-	9	-1	1	-0.0290370	+
8	-2	4	0.2204155	-	9	0	1	0.2175945	+
8	-1	4	0.3655178	-	9	1	1	0.3517286	+
8	0	4	0.3531237	-	9	2	1	0.2954394	+
8	1	4	0.1701393	-	9	3	1	0.0559096	+
8	2	4	-0.1286132	-	9	4	1	-0.2518555	+
8	3	4	-0.4150973	-	9	5	1	-0.4135832	+
8	4	4	-0.5006262	-	9	6	1	-0.1837820	+
8	-7	5	-0.1752192	-	9	7	1	0.5012063	+
8	-6	5	-0.3246359	-	9	-7	2	0.4254613	+
8	-5	5	-0.4284557	-	9	-6	2	0.4620894	+
8	-4	5	-0.4478598	-	9	-5	2	0.2788592	+
8	-3	5	-0.3655178	-	9	-4	2	-0.0031611	+
8	-2	5	-0.1908854	-	9	-3	2	-0.2509089	+
8	-1	5	0.0402422	-	9	-2	2	-0.3636199	+
8	0	5	0.2714484	-	9	-1	2	-0.3010168	+
8	1	5	0.4365793	-	9	0	2	-0.0934261	+
8	2	5	0.4755949	-	9	1	2	0.1664337	+
8	3	5	0.3539962	-	9	2	2	0.3500497	+
8	-7	6	-0.0725476	-	9	3	2	0.3381097	+
8	-6	6	-0.1645225	-	9	4	2	0.0839008	+
8	-5	6	-0.2737821	-	9	5	2	-0.3048879	+
8	-4	6	-0.3817709	-	9	6	2	-0.4659563	+
8	-3	6	-0.4675719	-	9	7	2	0.3362194	+
8	-2	6	-0.5121994	-	9	-7	3	0.3051141	+
8	-1	6	-0.5026247	-	9	-6	3	0.4431923	+
8	0	6	-0.4352858	-	9	-5	3	0.4291257	+
8	1	6	-0.3185965	-	9	-4	3	0.2724478	+
8	2	6	-0.1734220	-	9	-3	3	0.0318084	+
9	-7	0	0.5570596	+	9	-2	3	-0.2062648	+
9	-6	0	0.1289343	+	9	-1	3	-0.3541084	+
9	-5	0	-0.2611536	+	9	0	3	-0.3502901	+
9	-4	0	-0.3823693	+	9	1	3	-0.1837378	+
9	-3	0	-0.2461588	+	9	2	3	0.0896549	+
9	-2	0	0.0189916	+	9	3	3	0.3437420	+
9	-1	0	0.2578685	+	9	4	3	0.4017681	+
9	0	0	0.3520548	+	9	5	3	0.0996890	+
9	1	0	0.2578685	+	9	6	3	-0.5391505	+
9	2	0	0.0189916	+	9	-7	4	0.1892237	+
9	3	0	-0.2461588	+	9	-6	4	0.3421083	+
9	4	0	-0.3823693	+	9	-5	4	0.4365109	+
9	5	0	-0.2611536	+	9	-4	4	0.4333716	+
9	6	0	0.1289343	+	9	-3	4	0.3213806	+
9	7	0	0.5570596	+	9	-2	4	0.1218170	+
9	-7	1	0.5210816	+	9	-1	4	-0.1139494	+
9	-6	1	0.3595804	+	9	0	4	-0.3137921	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					10	-2	1	0.3282187	-
					10	-1	1	0.3720040	-
9	1	4	-0.4009488	+	10	0	1	0.2654271	-
9	2	4	-0.3169779	+	10	1	1	0.0477823	-
9	3	4	-0.0517623	+	10	2	1	-0.1989338	-
9	4	4	0.3185110	+	10	3	1	-0.3694484	-
9	5	4	0.5791405	+	10	4	1	-0.3658035	-
9	-7	5	0.0968383	+	10	5	1	-0.1393564	-
9	-6	5	0.2096793	+	10	6	1	0.2547653	-
9	-5	5	0.3285160	+	10	7	1	0.5837406	-
9	-4	5	0.4220364	+	10	-7	2	-0.2860901	-
9	-3	5	0.4591151	+	10	-6	2	-0.4352225	-
9	-2	5	0.4165568	+	10	-5	2	-0.4540958	-
9	-1	5	0.2860794	+	10	-4	2	-0.3385612	-
9	0	5	0.0799616	+	10	-3	2	-0.1273566	-
9	1	5	-0.1655363	+	10	-2	2	0.1120595	-
9	2	5	-0.3901728	+	10	-1	2	0.3028413	-
9	3	5	-0.5147916	+	10	0	2	0.3796044	-
9	4	5	-0.4527350	+	10	1	2	0.3081869	-
9	-7	6	0.0357599	+	10	2	2	0.1016753	-
9	-6	6	0.0906680	+	10	3	2	-0.1705146	-
9	-5	6	0.1686897	+	10	4	2	-0.3851192	-
9	-4	6	0.2637415	+	10	5	2	-0.3870969	-
9	-3	6	0.3644113	+	10	6	2	-0.0493351	-
9	-2	6	0.4551496	+	10	7	2	0.5689599	-
9	-1	6	0.5182106	+	10	-7	3	-0.1809393	-
9	0	6	0.5363989	+	10	-6	3	-0.3321733	-
9	1	6	0.4966089	+	10	-5	3	-0.4332532	-
9	2	6	0.3940552	+	10	-4	3	-0.4456072	-
9	3	6	0.2364331	+	10	-3	3	-0.3546846	-
10	-7	0	-0.5148108	-	10	-2	3	-0.1750216	-
10	-6	0	-0.4338130	-	10	-1	3	0.0510865	-
10	-5	0	-0.1463381	-	10	0	3	0.2608269	-
10	-4	0	0.1573390	-	10	1	3	0.3839561	-
10	-3	0	0.3472872	-	10	2	3	0.3617162	-
10	-2	0	0.3672206	-	10	3	3	0.1715771	-
10	-1	0	0.2298666	-	10	4	3	-0.1421988	-
10	0	0	0.0000000	-	10	5	3	-0.4321681	-
10	1	0	-0.2298666	-	10	6	3	-0.4054958	-
10	2	0	-0.3672206	-	10	7	3	0.4240777	-
10	3	0	-0.3472872	-	10	-7	4	-0.1001107	-
10	4	0	-0.1573390	-	10	-6	4	-0.2151362	-
10	5	0	0.1463381	-	10	-5	4	-0.3339018	-
10	6	0	0.4338130	-	10	-4	4	-0.4237285	-
10	7	0	0.5148108	-	10	-3	4	-0.4532174	-
10	-7	1	-0.4045925	-	10	-2	4	-0.4006199	-
10	-6	1	-0.4835805	-	10	-1	4	-0.2612395	-
10	-5	1	-0.3598847	-	10	0	4	-0.0531673	-
10	-4	1	-0.1151205	-	10	1	4	0.1797382	-
10	-3	1	0.1458178	-	10	2	4	0.3691750	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 7					3/2	-11/2	4	0.3964125	+
					3/2	-9/2	4	0.3298351	+
10	3	4	0.4305284	-	3/2	-7/2	4	0.1904304	+
10	4	4	0.2826367	-	3/2	-5/2	4	0.0741249	+
10	5	4	-0.1088931	-	3/2	-13/2	5	-0.4472136	+
10	6	4	-0.6207862	-	3/2	-11/2	5	-0.2927700	+
10	-7	5	-0.0460442	-	3/2	-9/2	5	-0.1406422	+
10	-6	5	-0.1136764	-	3/2	-7/2	5	-0.0468807	+
10	-5	5	-0.2045918	-	3/2	-15/2	6	0.5000000	+
10	-4	5	-0.3065395	-	3/2	-13/2	6	0.2236068	+
10	-3	5	-0.4002126	-	3/2	-11/2	6	0.0845154	+
10	-2	5	-0.4617559	-	3/2	-9/2	6	0.0234404	+
10	-1	5	-0.4665410	-	5/2	-5/2	0	0.3190767	-
10	0	5	-0.3942991	-	5/2	-3/2	0	0.3315943	-
10	1	5	-0.2356388	-	5/2	-1/2	0	0.1378569	-
10	2	5	0.0000000	-	5/2	1/2	0	-0.1378569	-
10	3	5	0.2747997	-	5/2	3/2	0	-0.3315943	-
10	4	5	0.5107539	-	5/2	5/2	0	-0.3190767	-
10	5	5	0.5710402	-	5/2	-7/2	1	-0.3651336	-
10	-7	6	-0.0153481	-	5/2	-5/2	1	-0.2862390	-
10	-6	6	-0.0430216	-	5/2	-3/2	1	-0.0241199	-
10	-5	6	-0.0884903	-	5/2	-1/2	1	0.2339896	-
10	-4	6	-0.1532698	-	5/2	1/2	1	0.3459527	-
10	-3	6	-0.2356388	-	5/2	3/2	1	0.2669587	-
10	-2	6	-0.3298943	-	5/2	-9/2	2	0.3999838	-
10	-1	6	-0.4258917	-	5/2	-7/2	2	0.2065508	-
10	0	6	-0.5090380	-	5/2	-5/2	2	-0.0984692	-
10	1	6	-0.5609325	-	5/2	-3/2	2	-0.3050957	-
10	2	6	-0.5609325	-	5/2	-1/2	2	-0.3329560	-
10	3	6	-0.4890096	-	5/2	1/2	2	-0.2127178	-
10	4	6	-0.3296902	-	5/2	-11/2	3	-0.4163164	-
					5/2	-9/2	3	-0.0894391	-
J1 = 15/2					5/2	-7/2	3	0.2190802	-
					5/2	-5/2	3	0.3446423	-
3/2	-3/2	0	0.2148345	+	5/2	-3/2	3	0.2966360	-
3/2	-1/2	0	0.3281651	+	5/2	-1/2	3	0.1595384	-
3/2	1/2	0	0.3281651	+	5/2	-13/2	4	0.4021998	-
3/2	3/2	0	0.2148345	+	5/2	-11/2	4	-0.0679842	-
3/2	-5/2	1	-0.2567763	+	5/2	-9/2	4	-0.3233031	-
3/2	-3/2	1	-0.3445016	+	5/2	-7/2	4	-0.3466527	-
3/2	-1/2	1	-0.3038218	+	5/2	-5/2	4	-0.2415341	-
3/2	1/2	1	-0.1754116	+	5/2	-3/2	4	-0.1100919	-
3/2	-7/2	2	0.3010969	+	5/2	-15/2	5	-0.3321056	-
3/2	-5/2	2	0.3516054	+	5/2	-13/2	5	0.2684377	-
3/2	-3/2	2	0.2723524	+	5/2	-11/2	5	0.3894620	-
3/2	-1/2	2	0.1386750	+	5/2	-9/2	5	0.3052546	-
3/2	-9/2	3	-0.3476767	+	5/2	-7/2	5	0.1728595	-
3/2	-7/2	3	-0.3476767	+	5/2	-5/2	5	0.0666640	-
3/2	-5/2	3	-0.2344036	+	5/2	-15/2	6	-0.5144958	-
3/2	-3/2	3	-0.1048285	+	5/2	-13/2	6	-0.3757346	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					7/2	-5/2	5	-0.2033971	+
					7/2	-3/2	5	-0.0868417	+
5/2	-11/2	6	-0.2130215	-	7/2	-15/2	6	0.4644204	+
5/2	-9/2	6	-0.0964797	-	7/2	-13/2	6	0.4644204	+
5/2	-7/2	6	-0.0311387	-	7/2	-11/2	6	0.3510688	+
7/2	-7/2	0	0.3979586	+	7/2	-9/2	6	0.2177236	+
7/2	-5/2	0	0.2636640	+	7/2	-7/2	6	0.1088618	+
7/2	-3/2	0	-0.0453516	+	7/2	-5/2	6	0.0388368	+
7/2	-1/2	0	-0.2788293	+	9/2	-9/2	0	0.4472668	-
7/2	1/2	0	-0.2788293	+	9/2	-7/2	0	0.1291148	-
7/2	3/2	0	-0.0453516	+	9/2	-5/2	0	-0.2176230	-
7/2	5/2	0	0.2636640	+	9/2	-3/2	0	-0.3163510	-
7/2	7/2	0	0.3979586	+	9/2	-1/2	0	-0.1430364	-
7/2	-9/2	1	-0.4254356	+	9/2	1/2	0	0.1430364	-
7/2	-7/2	1	-0.1392565	+	9/2	3/2	0	0.3163510	-
7/2	-5/2	1	0.1951399	+	9/2	5/2	0	0.2176230	-
7/2	-3/2	1	0.3143920	+	9/2	7/2	0	-0.1291148	-
7/2	-1/2	1	0.1720972	+	9/2	9/2	0	-0.4472668	-
7/2	1/2	1	-0.1110883	+	9/2	-11/2	1	-0.4309971	-
7/2	3/2	1	-0.3393802	+	9/2	-9/2	1	0.0690148	-
7/2	5/2	1	-0.3477612	+	9/2	-7/2	1	0.3287270	-
7/2	-11/2	2	0.4200840	+	9/2	-5/2	1	0.2242291	-
7/2	-9/2	2	-0.0254246	+	9/2	-3/2	1	-0.0639557	-
7/2	-7/2	2	-0.3050957	+	9/2	-1/2	1	-0.2869230	-
7/2	-5/2	2	-0.2655517	+	9/2	1/2	1	-0.2793239	-
7/2	-3/2	2	-0.0171413	+	9/2	3/2	1	-0.0364153	-
7/2	-1/2	2	0.2459043	+	9/2	5/2	1	0.2820716	-
7/2	1/2	2	0.3650733	+	9/2	7/2	1	0.4183798	-
7/2	3/2	2	0.2839459	+	9/2	-13/2	2	0.3605981	-
7/2	-13/2	3	-0.3704793	+	9/2	-11/2	2	-0.2725865	-
7/2	-11/2	3	0.2117024	+	9/2	-9/2	2	-0.3164536	-
7/2	-9/2	3	0.3376152	+	9/2	-7/2	2	-0.0247465	-
7/2	-7/2	3	0.1312923	+	9/2	-5/2	2	0.2520165	-
7/2	-5/2	3	-0.1549052	+	9/2	-3/2	2	0.3095240	-
7/2	-3/2	3	-0.3363655	+	9/2	-1/2	2	0.1310703	-
7/2	-1/2	3	-0.3447914	+	9/2	1/2	2	-0.1566885	-
7/2	1/2	3	-0.2146429	+	9/2	3/2	2	-0.3684968	-
7/2	-15/2	4	0.2619684	+	9/2	5/2	2	-0.3567955	-
7/2	-13/2	4	-0.3834825	+	9/2	-15/2	3	-0.2327650	-
7/2	-11/2	4	-0.2510482	+	9/2	-13/2	3	0.4206977	-
7/2	-9/2	4	0.0726570	+	9/2	-11/2	3	0.1476510	-
7/2	-7/2	4	0.3056249	+	9/2	-9/2	3	-0.2131206	-
7/2	-5/2	4	0.3661582	+	9/2	-7/2	3	-0.3317062	-
7/2	-3/2	4	0.2869140	+	9/2	-5/2	3	-0.1895800	-
7/2	-1/2	4	0.1469559	+	9/2	-3/2	3	0.0793356	-
7/2	-15/2	5	0.4644204	+	9/2	-1/2	3	0.3090246	-
7/2	-13/2	5	0.0000000	+	9/2	1/2	3	0.3830164	-
7/2	-11/2	5	-0.3040345	+	9/2	3/2	3	0.2763726	-
7/2	-9/2	5	-0.3894759	+	9/2	-15/2	4	-0.4249689	-
7/2	-7/2	5	-0.3265854	+	9/2	-13/2	4	0.1645897	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					11/2	-11/2	2	-0.1040957	+
					11/2	-9/2	2	0.2598386	+
9/2	-11/2	4	0.3665286	-	11/2	-7/2	2	0.3182359	+
9/2	-9/2	4	0.2289580	-	11/2	-5/2	2	0.1087991	+
9/2	-7/2	4	-0.0461124	-	11/2	-3/2	2	-0.1716721	+
9/2	-5/2	4	-0.2817631	-	11/2	-1/2	2	-0.3233818	+
9/2	-3/2	4	-0.3814423	-	11/2	1/2	2	-0.2434711	+
9/2	-1/2	4	-0.3337516	-	11/2	3/2	2	0.0301547	+
9/2	1/2	4	-0.1907152	-	11/2	5/2	2	0.3307869	+
9/2	-15/2	5	-0.4983202	-	11/2	7/2	2	0.4282254	+
9/2	-13/2	5	-0.2526945	-	11/2	-15/2	3	0.4088798	+
9/2	-11/2	5	0.0779832	-	11/2	-13/2	3	-0.2360668	+
9/2	-9/2	5	0.3121827	-	11/2	-11/2	3	-0.3605981	+
9/2	-7/2	5	0.3973437	-	11/2	-9/2	3	-0.1224891	+
9/2	-5/2	5	0.3546463	-	11/2	-7/2	3	0.1793056	+
9/2	-3/2	5	0.2394889	-	11/2	-5/2	3	0.3304268	+
9/2	-1/2	5	0.1118167	-	11/2	-3/2	3	0.2585229	+
9/2	-15/2	6	-0.3766947	-	11/2	-1/2	3	0.0197409	+
9/2	-13/2	6	-0.4764852	-	11/2	1/2	3	-0.2507431	+
9/2	-11/2	6	-0.4502362	-	11/2	3/2	3	-0.4045681	+
9/2	-9/2	6	-0.3531944	-	11/2	5/2	3	-0.3464514	+
9/2	-7/2	6	-0.2336161	-	11/2	-15/2	4	0.5007734	+
9/2	-5/2	6	-0.1260032	-	11/2	-13/2	4	0.1244182	+
9/2	-3/2	6	-0.0488008	-	11/2	-11/2	4	-0.2327650	+
11/2	-11/2	0	0.4520336	+	11/2	-9/2	4	-0.3591090	+
11/2	-9/2	0	-0.0654732	+	11/2	-7/2	4	-0.2509805	+
11/2	-7/2	0	-0.3381020	+	11/2	-5/2	4	-0.0087049	+
11/2	-5/2	0	-0.2368908	+	11/2	-3/2	4	0.2383940	+
11/2	-3/2	0	0.0540627	+	11/2	-1/2	4	0.3849616	+
11/2	-1/2	0	0.2820716	+	11/2	1/2	4	0.3815440	+
11/2	1/2	0	0.2820716	+	11/2	3/2	4	0.2449781	+
11/2	3/2	0	0.0540627	+	11/2	-15/2	5	0.4520336	+
11/2	5/2	0	-0.2368908	+	11/2	-13/2	5	0.4126483	+
11/2	7/2	0	-0.3381020	+	11/2	-11/2	5	0.1845419	+
11/2	9/2	0	-0.0654732	+	11/2	-9/2	5	-0.0886511	+
11/2	11/2	0	0.4520336	+	11/2	-7/2	5	-0.3028011	+
11/2	-13/2	1	-0.3690839	+	11/2	-5/2	5	-0.4041933	+
11/2	-11/2	1	0.2944271	+	11/2	-3/2	5	-0.3873444	+
11/2	-9/2	1	0.3162654	+	11/2	-1/2	5	-0.2837170	+
11/2	-7/2	1	0.0000000	+	11/2	1/2	5	-0.1447666	+
11/2	-5/2	1	-0.2713925	+	11/2	-15/2	6	0.2768129	+
11/2	-3/2	1	-0.2961135	+	11/2	-13/2	6	0.4228387	+
11/2	-1/2	1	-0.0870492	+	11/2	-11/2	6	0.4794540	+
11/2	1/2	1	0.1912820	+	11/2	-9/2	6	0.4542016	+
11/2	3/2	1	0.3303285	+	11/2	-7/2	6	0.3708541	+
11/2	5/2	1	0.1969698	+	11/2	-5/2	6	0.2598386	+
11/2	7/2	1	-0.1633188	+	11/2	-3/2	6	0.1500179	+
11/2	9/2	1	-0.4690974	+	11/2	-1/2	6	0.0626858	+
11/2	-15/2	2	0.2260168	+	13/2	-13/2	0	0.3936414	-
11/2	-13/2	2	-0.4398846	+	13/2	-11/2	0	-0.2888538	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					13/2	3/2	3	0.1500179	-
					13/2	5/2	3	0.3953318	-
13/2	-9/2	0	-0.3398934	-	13/2	7/2	3	0.4228387	-
13/2	-7/2	0	-0.0341606	-	13/2	-15/2	4	-0.4818694	-
13/2	-5/2	0	0.2549070	-	13/2	-13/2	4	-0.3541003	-
13/2	-3/2	0	0.3153657	-	13/2	-11/2	4	-0.0465530	-
13/2	-1/2	0	0.1376369	-	13/2	-9/2	4	0.2324067	-
13/2	1/2	0	-0.1376369	-	13/2	-7/2	4	0.3578135	-
13/2	3/2	0	-0.3153657	-	13/2	-5/2	4	0.2959673	-
13/2	5/2	0	-0.2549070	-	13/2	-3/2	4	0.0904642	-
13/2	7/2	0	0.0341606	-	13/2	-1/2	4	-0.1657922	-
13/2	9/2	0	0.3398934	-	13/2	1/2	4	-0.3657783	-
13/2	11/2	0	0.2888538	-	13/2	3/2	4	-0.4249035	-
13/2	13/2	0	-0.3936414	-	13/2	5/2	4	-0.3122871	-
13/2	-15/2	1	-0.2352457	-	13/2	-15/2	5	-0.3573639	-
13/2	-13/2	1	0.4548500	-	13/2	-13/2	5	-0.4539132	-
13/2	-11/2	1	0.1091765	-	13/2	-11/2	5	-0.3781984	-
13/2	-9/2	1	-0.2647641	-	13/2	-9/2	5	-0.1816807	-
13/2	-7/2	1	-0.3250387	-	13/2	-7/2	5	0.0605602	-
13/2	-5/2	1	-0.1130802	-	13/2	-5/2	5	0.2738939	-
13/2	-3/2	1	0.1685700	-	13/2	-3/2	5	0.4025402	-
13/2	-1/2	1	0.3185674	-	13/2	-1/2	5	0.4208204	-
13/2	1/2	1	0.2391025	-	13/2	1/2	5	0.3369907	-
13/2	3/2	1	-0.0217623	-	13/2	3/2	5	0.1890992	-
13/2	5/2	1	-0.2878552	-	13/2	-15/2	6	-0.1845419	-
13/2	7/2	1	-0.3330812	-	13/2	-13/2	6	-0.3301187	-
13/2	9/2	1	-0.0214113	-	13/2	-11/2	6	-0.4367059	-
13/2	11/2	1	0.4821103	-	13/2	-9/2	6	-0.4844817	-
13/2	-15/2	2	-0.4126483	-	13/2	-7/2	6	-0.4690974	-
13/2	-13/2	2	0.2609817	-	13/2	-5/2	6	-0.4000476	-
13/2	-11/2	2	0.3605981	-	13/2	-3/2	6	-0.2966833	-
13/2	-9/2	2	0.0912980	-	13/2	-1/2	6	-0.1831169	-
13/2	-7/2	2	-0.2121573	-	13/2	1/2	6	-0.0825297	-
13/2	-5/2	2	-0.3303285	-	15/2	-15/2	0	0.2589970	+
13/2	-3/2	2	-0.2132261	-	15/2	-13/2	0	-0.4661947	+
13/2	-1/2	2	0.0465298	-	15/2	-11/2	0	-0.1553982	+
13/2	1/2	2	0.2809179	-	15/2	-9/2	0	0.2350896	+
13/2	3/2	2	0.3307869	-	15/2	-7/2	0	0.3466576	+
13/2	5/2	2	0.1291148	-	15/2	-5/2	0	0.1793056	+
13/2	7/2	2	-0.2345487	-	15/2	-3/2	0	-0.0996142	+
13/2	9/2	2	-0.4882521	-	15/2	-1/2	0	-0.2988427	+
13/2	-15/2	3	-0.5053889	-	15/2	1/2	0	-0.2988427	+
13/2	-13/2	3	-0.0681466	-	15/2	3/2	0	-0.0996142	+
13/2	-11/2	3	0.2850778	-	15/2	5/2	0	0.1793056	+
13/2	-9/2	3	0.3470524	-	15/2	7/2	0	0.3466576	+
13/2	-7/2	3	0.1633188	-	15/2	9/2	0	0.2350896	+
13/2	-5/2	3	-0.1101095	-	15/2	11/2	0	-0.1553982	+
13/2	-3/2	3	-0.3077654	-	15/2	13/2	0	-0.4661947	+
13/2	-1/2	3	-0.3225354	-	15/2	15/2	0	0.2589970	+
13/2	1/2	3	-0.1414765	-	15/2	-15/2	1	0.4333849	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					15/2	-1/2	4	-0.1942248	+
					15/2	1/2	4	0.0560679	+
15/2	-13/2	1	-0.2537642	+	15/2	3/2	4	0.3087977	+
15/2	-11/2	1	-0.3762835	+	15/2	5/2	4	0.4520336	+
15/2	-9/2	1	-0.1192712	+	15/2	7/2	4	0.3934447	+
15/2	-7/2	1	0.1915082	+	15/2	-15/2	5	0.2488363	+
15/2	-5/2	1	0.3333730	+	15/2	-13/2	5	0.3981381	+
15/2	-3/2	1	0.2440041	+	15/2	-11/2	5	0.4479053	+
15/2	-1/2	1	0.0000000	+	15/2	-9/2	5	0.3825187	+
15/2	1/2	1	-0.2440041	+	15/2	-7/2	5	0.2191151	+
15/2	3/2	1	-0.3333730	+	15/2	-5/2	5	0.0000000	+
15/2	5/2	1	-0.1915082	+	15/2	-3/2	5	-0.2191151	+
15/2	7/2	1	0.1192712	+	15/2	-1/2	5	-0.3825187	+
15/2	9/2	1	0.3762835	+	15/2	1/2	5	-0.4479053	+
15/2	11/2	1	0.2537642	+	15/2	3/2	5	-0.3981381	+
15/2	13/2	1	-0.4333849	+	15/2	5/2	5	-0.2488363	+
15/2	-15/2	2	0.5179941	+	15/2	-15/2	6	0.1112830	+
15/2	-13/2	2	0.0642493	+	15/2	-13/2	6	0.2280622	+
15/2	-11/2	2	-0.2944271	+	15/2	-11/2	6	0.3447977	+
15/2	-9/2	2	-0.3496446	+	15/2	-9/2	6	0.4382302	+
15/2	-7/2	2	-0.1563658	+	15/2	-7/2	6	0.4899563	+
15/2	-5/2	2	0.1195371	+	15/2	-5/2	6	0.4899563	+
15/2	-3/2	2	0.3086434	+	15/2	-3/2	6	0.4382302	+
15/2	-1/2	2	0.3086434	+	15/2	-1/2	6	0.3447977	+
15/2	1/2	2	0.1195371	+	15/2	1/2	6	0.2280622	+
15/2	3/2	2	-0.1563658	+	15/2	3/2	6	0.1112830	+
15/2	5/2	2	-0.3496446	+	17/2	-15/2	0	-0.4695607	-
15/2	7/2	2	-0.2944271	+	17/2	-13/2	0	0.2143242	-
15/2	9/2	2	0.0642493	+	17/2	-11/2	0	0.3985014	-
15/2	11/2	2	0.5179941	+	17/2	-9/2	0	0.1953491	-
15/2	-15/2	3	0.4976726	+	17/2	-7/2	0	-0.1165770	-
15/2	-13/2	3	0.3338489	+	17/2	-5/2	0	-0.3178941	-
15/2	-11/2	3	0.0000000	+	17/2	-3/2	0	-0.3129950	-
15/2	-9/2	3	-0.2708335	+	17/2	-1/2	0	-0.1277037	-
15/2	-7/2	3	-0.3546043	+	17/2	1/2	0	0.1277037	-
15/2	-5/2	3	-0.2390742	+	17/2	3/2	0	0.3129950	-
15/2	-3/2	3	0.0000000	+	17/2	5/2	0	0.3178941	-
15/2	-1/2	3	0.2390742	+	17/2	7/2	0	0.1165770	-
15/2	1/2	3	0.3546043	+	17/2	9/2	0	-0.1953491	-
15/2	3/2	3	0.2708335	+	17/2	11/2	0	-0.3985014	-
15/2	5/2	3	0.0000000	+	17/2	13/2	0	-0.2143242	-
15/2	7/2	3	-0.3338489	+	17/2	15/2	0	0.4695607	-
15/2	9/2	3	-0.4976726	+	17/2	-15/2	1	-0.5379494	-
15/2	-15/2	4	0.3934447	+	17/2	-13/2	1	-0.1035284	-
15/2	-13/2	4	0.4520336	+	17/2	-11/2	1	0.2719067	-
15/2	-11/2	4	0.3087977	+	17/2	-9/2	1	0.3676468	-
15/2	-9/2	4	0.0560679	+	17/2	-7/2	1	0.2111452	-
15/2	-7/2	4	-0.1942248	+	17/2	-5/2	1	-0.0563301	-
15/2	-5/2	4	-0.3464514	+	17/2	-3/2	1	-0.2755697	-
15/2	-3/2	4	-0.3464514	+	17/2	-1/2	1	-0.3349868	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					17/2	7/2	4	-0.4415753	-
					17/2	9/2	4	-0.4851505	-
17/2	1/2	1	-0.2070912	-	17/2	-15/2	5	-0.1527114	-
17/2	3/2	1	0.0438411	-	17/2	-13/2	5	-0.2920746	-
17/2	5/2	1	0.2828169	-	17/2	-11/2	5	-0.4025523	-
17/2	7/2	1	0.3538626	-	17/2	-9/2	5	-0.4487872	-
17/2	9/2	1	0.1584358	-	17/2	-7/2	5	-0.4098067	-
17/2	11/2	1	-0.2374931	-	17/2	-5/2	5	-0.2842457	-
17/2	13/2	1	-0.4676937	-	17/2	-3/2	5	-0.0915811	-
17/2	15/2	1	0.2987388	-	17/2	-1/2	5	0.1302327	-
17/2	-15/2	2	-0.5071836	-	17/2	1/2	5	0.3306585	-
17/2	-13/2	2	-0.3499899	-	17/2	3/2	5	0.4559569	-
17/2	-11/2	2	-0.0164078	-	17/2	5/2	5	0.4618808	-
17/2	-9/2	2	0.2619519	-	17/2	7/2	5	0.3284485	-
17/2	-7/2	2	0.3590050	-	17/2	-15/2	6	-0.0602860	-
17/2	-5/2	2	0.2578398	-	17/2	-13/2	6	-0.1392246	-
17/2	-3/2	2	0.0282625	-	17/2	-11/2	6	-0.2367988	-
17/2	-1/2	2	-0.2117909	-	17/2	-9/2	6	-0.3391503	-
17/2	1/2	2	-0.3423475	-	17/2	-7/2	6	-0.4295532	-
17/2	3/2	2	-0.2875596	-	17/2	-5/2	6	-0.4914755	-
17/2	5/2	2	-0.0544184	-	17/2	-3/2	6	-0.5115439	-
17/2	7/2	2	0.2451381	-	17/2	-1/2	6	-0.4822883	-
17/2	9/2	2	0.4025523	-	17/2	1/2	6	-0.4044110	-
17/2	11/2	2	0.1788803	-	17/2	3/2	6	-0.2882224	-
17/2	13/2	2	-0.4878384	-	17/2	5/2	6	-0.1534181	-
17/2	-15/2	3	-0.4066515	-	19/2	-15/2	0	0.5617046	+
17/2	-13/2	3	-0.4558145	-	19/2	-13/2	0	0.1827763	+
17/2	-11/2	3	-0.2958523	-	19/2	-11/2	0	-0.2072488	+
17/2	-9/2	3	-0.0314401	-	19/2	-9/2	0	-0.3768165	+
17/2	-7/2	3	0.2164745	-	19/2	-7/2	0	-0.3041581	+
17/2	-5/2	3	0.3502730	-	19/2	-5/2	0	-0.0788204	+
17/2	-3/2	3	0.3223044	-	19/2	-3/2	0	0.1703222	+
17/2	-1/2	3	0.1467204	-	19/2	-1/2	0	0.3280767	+
17/2	1/2	3	-0.1037470	-	19/2	1/2	0	0.3280767	+
17/2	3/2	3	-0.3161426	-	19/2	3/2	0	0.1703222	+
17/2	5/2	3	-0.3708705	-	19/2	5/2	0	-0.0788204	+
17/2	7/2	3	-0.1907546	-	19/2	7/2	0	-0.3041581	+
17/2	9/2	3	0.1933454	-	19/2	9/2	0	-0.3768165	+
17/2	11/2	3	0.5531567	-	19/2	11/2	0	-0.2072488	+
17/2	-15/2	4	-0.2762653	-	19/2	13/2	0	0.1827763	+
17/2	-13/2	4	-0.4203243	-	19/2	15/2	0	0.5617046	+
17/2	-11/2	4	-0.4381325	-	19/2	-15/2	1	0.5097387	+
17/2	-9/2	4	-0.3251624	-	19/2	-13/2	1	0.3948419	+
17/2	-7/2	4	-0.1185680	-	19/2	-11/2	1	0.0861616	+
17/2	-5/2	4	0.1161861	-	19/2	-9/2	1	-0.2077403	+
17/2	-3/2	4	0.3037400	-	19/2	-7/2	1	-0.3575109	+
17/2	-1/2	4	0.3788303	-	19/2	-5/2	1	-0.3227393	+
17/2	1/2	4	0.3054228	-	19/2	-3/2	1	-0.1403147	+
17/2	3/2	4	0.0925571	-	19/2	-1/2	1	0.1012467	+
17/2	5/2	4	-0.1959388	-	19/2	1/2	1	0.2950945	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 15/2					19/2	5/2	4	-0.2658364	+
					19/2	7/2	4	0.0121899	+
19/2	3/2	1	0.3517115	+	19/2	9/2	4	0.3589289	+
19/2	5/2	1	0.2320410	+	19/2	11/2	4	0.5747363	+
19/2	7/2	1	-0.0273108	+	19/2	-15/2	5	0.0820389	+
19/2	9/2	1	-0.3038322	+	19/2	-13/2	5	0.1816008	+
19/2	11/2	1	-0.4050697	+	19/2	-11/2	5	0.2926912	+
19/2	13/2	1	-0.1342731	+	19/2	-9/2	5	0.3905675	+
19/2	15/2	1	0.5200374	+	19/2	-7/2	5	0.4487279	+
19/2	-15/2	2	0.4029838	+	19/2	-5/2	5	0.4446298	+
19/2	-13/2	2	0.4685716	+	19/2	-3/2	5	0.3650501	+
19/2	-11/2	2	0.3299870	+	19/2	-1/2	5	0.2107617	+
19/2	-9/2	2	0.0782968	+	19/2	1/2	5	0.0000000	+
19/2	-7/2	2	-0.1754081	+	19/2	3/2	5	-0.2299599	+
19/2	-5/2	2	-0.3358881	+	19/2	5/2	5	-0.4240251	+
19/2	-3/2	2	-0.3489206	+	19/2	7/2	5	-0.5145798	+
19/2	-1/2	2	-0.2139857	+	19/2	9/2	5	-0.4316658	+
19/2	1/2	2	0.0157641	+	19/2	-15/2	6	0.0290051	+
19/2	3/2	2	0.2462989	+	19/2	-13/2	6	0.0745155	+
19/2	5/2	2	0.3682841	+	19/2	-11/2	6	0.1408211	+
19/2	7/2	2	0.2954347	+	19/2	-9/2	6	0.2243639	+
19/2	9/2	2	0.0156535	+	19/2	-7/2	6	0.3172985	+
19/2	11/2	2	-0.3450471	+	19/2	-5/2	6	0.4081384	+
19/2	13/2	2	-0.4458392	+	19/2	-3/2	6	0.4829158	+
19/2	15/2	2	0.3584111	+	19/2	-1/2	6	0.5269044	+
19/2	-15/2	3	0.2791954	+	19/2	1/2	6	0.5269044	+
19/2	-13/2	3	0.4247337	+	19/2	3/2	6	0.4740745	+
19/2	-11/2	3	0.4431521	+	19/2	5/2	6	0.3672165	+
19/2	-9/2	3	0.3304019	+	19/2	7/2	6	0.2158329	+
19/2	-7/2	3	0.1242873	+					
19/2	-5/2	3	-0.1093589	+	J1 = 8				
19/2	-3/2	3	-0.2955428	+					
19/2	-1/2	3	-0.3704560	+	2	-2	0	0.1842190	+
19/2	1/2	3	-0.3007596	+	2	-1	0	0.3082574	+
19/2	3/2	3	-0.0992249	+	2	0	0	0.3559450	+
19/2	5/2	3	0.1664053	+	2	1	0	0.3082574	+
19/2	7/2	3	0.3758378	+	2	2	0	0.1842190	+
19/2	9/2	3	0.3777679	+	2	-3	1	-0.2309308	+
19/2	11/2	3	0.0481461	+	2	-2	1	-0.3411074	+
19/2	13/2	3	-0.5552480	+	2	-1	1	-0.3495310	+
19/2	-15/2	4	0.1668511	+	2	0	1	-0.2690691	+
19/2	-13/2	4	0.3116104	+	2	1	1	-0.1426954	+
19/2	-11/2	4	0.4160184	+	2	-4	2	0.2828313	+
19/2	-9/2	4	0.4429925	+	2	-3	2	0.3651336	+
19/2	-7/2	4	0.3749892	+	2	-2	2	0.3302758	+
19/2	-5/2	4	0.2193003	+	2	-1	2	0.2256213	+
19/2	-3/2	4	0.0081587	+	2	0	2	0.1063589	+
19/2	-1/2	4	-0.2059160	+	2	-5	3	-0.3399209	+
19/2	1/2	4	-0.3594764	+	2	-4	3	-0.3771084	+
19/2	3/2	4	-0.3922210	+	2	-3	3	-0.2981304	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					3	-4	4	-0.3643213	-
					3	-3	4	-0.3054927	-
2	-2	3	-0.1797794	+	3	-2	4	-0.1902606	-
2	-1	3	-0.0752071	+	3	-1	4	-0.0812330	-
2	-6	4	0.4021998	+	3	-8	5	-0.3704793	-
2	-5	4	0.3723647	+	3	-7	5	0.2268713	-
2	-4	4	0.2529720	+	3	-6	5	0.3929526	-
2	-3	4	0.1333279	+	3	-5	5	0.3500700	-
2	-2	4	0.0492346	+	3	-4	5	0.2354355	-
2	-7	5	-0.4696682	+	3	-3	5	0.1235779	-
2	-6	5	-0.3429972	+	3	-2	5	0.0455402	-
2	-5	5	-0.1944611	+	3	-8	6	-0.5239368	-
2	-4	5	-0.0880735	+	3	-7	6	-0.4142084	-
2	-3	5	-0.0284256	+	3	-6	6	-0.2619684	-
2	-8	6	0.5423261	+	3	-5	6	-0.1400280	-
2	-7	6	0.2711631	+	3	-4	6	-0.0614063	-
2	-6	6	0.1212678	+	3	-3	6	-0.0194184	-
2	-5	6	0.0458349	+	4	-4	0	0.3873444	+
2	-4	6	0.0127123	+	4	-3	0	0.3182359	+
3	-3	0	0.2951340	-	4	-2	0	0.0558357	+
3	-2	0	0.3559450	-	4	-1	0	-0.2064553	+
3	-1	0	0.2354355	-	4	0	0	-0.3133771	+
3	0	0	0.0000000	-	4	1	0	-0.2064553	+
3	1	0	-0.2354355	-	4	2	0	0.0558357	+
3	2	0	-0.3559450	-	4	3	0	0.3182359	+
3	3	0	-0.2951340	-	4	4	0	0.3873444	+
3	-4	1	-0.3527526	-	4	-5	1	-0.4309971	+
3	-3	1	-0.3346505	-	4	-4	1	-0.2113137	+
3	-2	1	-0.1302625	-	4	-3	1	0.1137399	+
3	-1	1	0.1258456	-	4	-2	1	0.3030857	+
3	0	1	0.3082574	-	4	-1	1	0.2678392	+
3	1	1	0.3446423	-	4	0	1	0.0540627	+
3	2	1	0.2354355	-	4	1	1	-0.2072403	+
3	-5	2	0.4021998	-	4	2	1	-0.3666931	+
3	-4	2	0.2732410	-	4	3	1	-0.3240756	+
3	-3	2	0.0000000	-	4	-6	2	0.4416406	+
3	-2	2	-0.2378257	-	4	-5	2	0.0481869	+
3	-1	2	-0.3446423	-	4	-4	2	-0.2643172	+
3	0	2	-0.3082574	-	4	-3	2	-0.3130216	+
3	1	2	-0.1779725	-	4	-2	2	-0.1400041	+
3	-6	3	-0.4344255	-	4	-1	2	0.1168582	+
3	-5	3	-0.1641974	-	4	0	2	0.3143084	+
3	-4	3	0.1440106	-	4	1	2	0.3624844	+
3	-3	3	0.3220176	-	4	2	2	0.2522925	+
3	-2	3	0.3432719	-	4	-7	3	-0.4031609	+
3	-1	3	0.2542994	-	4	-6	3	0.1561435	+
3	0	3	0.1258456	-	4	-5	3	0.3477196	+
3	-7	4	0.4344255	-	4	-4	3	0.2172087	+
3	-6	4	0.0000000	-	4	-3	3	-0.0437461	+
3	-5	4	-0.2843982	-	4	-2	3	-0.2673039	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					5	4	1	0.4062503	-
					5	-7	2	0.3914726	-
4	-1	3	-0.3618679	+	5	-6	2	-0.2260168	-
4	0	3	-0.3166246	+	5	-5	2	-0.3452464	-
4	1	3	-0.1809283	+	5	-4	2	-0.1172744	-
4	-8	4	0.2944271	+	5	-3	2	0.1716721	-
4	-7	4	-0.3643349	+	5	-2	2	0.3163595	-
4	-6	4	-0.3047610	+	5	-1	2	0.2475168	-
4	-5	4	-0.0166261	+	5	0	2	0.0189005	-
4	-4	4	0.2392164	+	5	1	2	-0.2400683	-
4	-3	4	0.3607572	+	5	2	2	-0.3873444	-
4	-2	4	0.3457096	+	5	3	2	-0.3317020	-
4	-1	4	0.2433099	+	5	-8	3	-0.2609817	-
4	0	4	0.1167887	+	5	-7	3	0.4126483	-
4	-8	5	0.4882521	+	5	-6	3	0.2130907	-
4	-7	5	0.0652454	+	5	-5	3	-0.1409462	-
4	-6	5	-0.2526945	+	5	-4	3	-0.3250540	-
4	-5	5	-0.3836266	+	5	-3	3	-0.2716384	-
4	-4	5	-0.3676870	+	5	-2	3	-0.0563503	-
4	-3	5	-0.2724695	+	5	-1	3	0.1915600	-
4	-2	5	-0.1582268	+	5	0	3	0.3549400	-
4	-1	5	-0.0645574	+	5	1	3	0.3703721	-
4	-8	6	0.4520336	+	5	2	3	0.2449781	-
4	-7	6	0.4794540	+	5	-8	4	-0.4520336	-
4	-6	6	0.3914726	+	5	-7	4	0.1065453	-
4	-5	6	0.2701417	+	5	-6	4	0.3573639	-
4	-4	6	0.1589375	+	5	-5	4	0.2917864	-
4	-3	6	0.0767741	+	5	-4	4	0.0591007	-
4	-2	6	0.0267293	+	5	-3	4	-0.1880573	-
5	-5	0	0.4520336	-	5	-2	4	-0.3470524	-
5	-4	0	0.1982298	-	5	-1	4	-0.3785341	-
5	-3	0	-0.1447666	-	5	0	4	-0.2988427	-
5	-2	0	-0.3164536	-	5	1	4	-0.1603758	-
5	-1	0	-0.2415517	-	5	-8	5	-0.4997419	-
5	0	0	0.0000000	-	5	-7	5	-0.3060282	-
5	1	0	0.2415517	-	5	-6	5	0.0000000	-
5	2	0	0.3164536	-	5	-5	5	0.2498710	-
5	3	0	0.1447666	-	5	-4	5	0.3795812	-
5	4	0	-0.1982298	-	5	-3	5	0.3889550	-
5	5	0	-0.4520336	-	5	-2	5	0.3127316	-
5	-6	1	-0.4520336	-	5	-1	5	0.1982298	-
5	-5	1	0.0000000	-	5	0	5	0.0886511	-
5	-4	1	0.3028011	-	5	-8	6	-0.3533709	-
5	-3	1	0.2872623	-	5	-7	6	-0.4674658	-
5	-2	1	0.0534586	-	5	-6	6	-0.4674658	-
5	-1	1	-0.2041485	-	5	-5	6	-0.3950807	-
5	0	1	-0.3162654	-	5	-4	6	-0.2899100	-
5	1	1	-0.2113137	-	5	-3	6	-0.1833552	-
5	2	1	0.0577419	-	5	-2	6	-0.0957541	-
5	3	1	0.3317020	-	5	-1	6	-0.0361917	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					6	1	3	-0.3125766	+
					6	2	3	-0.4088798	+
6	-6	0	0.4704915	+	6	3	3	-0.3196360	+
6	-5	0	0.0000000	+	6	-8	4	0.5086601	+
6	-4	0	-0.3122871	+	6	-7	4	0.1857364	+
6	-3	0	-0.2944271	+	6	-6	4	-0.1695534	+
6	-2	0	-0.0543622	+	6	-5	4	-0.3474810	+
6	-1	0	0.2054698	+	6	-4	4	-0.3122871	+
6	0	0	0.3138603	+	6	-3	4	-0.1244182	+
6	1	0	0.2054698	+	6	-2	4	0.1162313	+
6	2	0	-0.0543622	+	6	-1	4	0.3125766	+
6	3	0	-0.2944271	+	6	0	4	0.3990510	+
6	4	0	-0.3122871	+	6	1	4	0.3568995	+
6	5	0	0.0000000	+	6	2	4	0.2154986	+
6	6	0	0.4704915	+	6	-8	5	0.4355905	+
6	-7	1	-0.3976379	+	6	-7	5	0.4355905	+
6	-6	1	0.2514883	+	6	-6	5	0.2514883	+
6	-5	1	0.3474810	+	6	-5	5	0.0000000	+
6	-4	1	0.0879769	+	6	-4	5	-0.2260168	+
6	-3	1	-0.2044399	+	6	-3	5	-0.3690839	+
6	-2	1	-0.3183125	+	6	-2	5	-0.4088798	+
6	-1	1	-0.2054698	+	6	-1	5	-0.3568995	+
6	0	1	0.0448372	+	6	0	5	-0.2466045	+
6	1	1	0.2706993	+	6	1	5	-0.1208111	+
6	2	1	0.3187543	+	6	-8	6	0.2514883	+
6	3	1	0.1244182	+	6	-7	6	0.3976379	+
6	4	1	-0.2260168	+	6	-6	6	0.4704915	+
6	5	1	-0.4704915	+	6	-5	6	0.4704915	+
6	-8	2	0.2514883	+	6	-4	6	0.4126483	+
6	-7	2	-0.4355905	+	6	-3	6	0.3196360	+
6	-6	2	-0.1695534	+	6	-2	6	0.2154986	+
6	-5	2	0.2006182	+	6	-1	6	0.1208111	+
6	-4	2	0.3338489	+	6	0	6	0.0493209	+
6	-3	2	0.2044399	+	7	-7	0	0.4196232	-
6	-2	2	-0.0543622	+	7	-6	0	-0.2457062	-
6	-1	2	-0.2706993	+	7	-5	0	-0.3643349	-
6	0	2	-0.3183440	+	7	-4	0	-0.1154838	-
6	1	2	-0.1648643	+	7	-3	0	0.1854270	-
6	2	2	0.1162313	+	7	-2	0	0.3227870	-
6	3	2	0.3690839	+	7	-1	0	0.2362559	-
6	4	2	0.4126483	+	7	0	0	0.0000000	-
6	-8	3	0.4355905	+	7	1	0	-0.2362559	-
6	-7	3	-0.1857364	+	7	2	0	-0.3227870	-
6	-6	3	-0.3714728	+	7	3	0	-0.1854270	-
6	-5	3	-0.2006182	+	7	4	0	0.1154838	-
6	-4	3	0.0879769	+	7	5	0	0.3643349	-
6	-3	3	0.2944271	+	7	6	0	0.2457062	-
6	-2	3	0.3187543	+	7	7	0	-0.4196232	-
6	-1	3	0.1648643	+	7	-8	1	-0.2589970	-
6	0	3	-0.0851907	+	7	-7	1	0.4499291	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 8					7	0	4	-0.2462249	-	
					7	1	4	-0.3965777	-	
	7	-6	1	0.1710144	-	7	2	4	-0.4126483	-
	7	-5	1	-0.2088101	-	7	3	4	-0.2850778	-
	7	-4	1	-0.3398291	-	7	-8	5	-0.3325215	-
	7	-3	1	-0.2023175	-	7	-7	5	-0.4467436	-
	7	-2	1	0.0610010	-	7	-6	5	-0.4100949	-
	7	-1	1	0.2728048	-	7	-5	5	-0.2549813	-
	7	0	1	0.3093316	-	7	-4	5	-0.0378009	-
	7	1	1	0.1488272	-	7	-3	5	0.1793056	-
	7	2	1	-0.1197444	-	7	-2	5	0.3433442	-
	7	3	1	-0.3278202	-	7	-1	5	0.4206910	-
	7	4	1	-0.2984773	-	7	0	5	0.4024641	-
	7	5	1	0.0409510	-	7	1	5	0.3049423	-
	7	6	1	0.4965048	-	7	2	5	0.1645897	-
	7	-8	2	-0.4377849	-	7	-8	6	-0.1629016	-
	7	-7	2	0.2146417	-	7	-7	6	-0.2992693	-
	7	-6	2	0.3762051	-	7	-6	6	-0.4088798	-
	7	-5	2	0.1684630	-	7	-5	6	-0.4721337	-
	7	-4	2	-0.1321532	-	7	-4	6	-0.4811275	-
	7	-3	2	-0.3134289	-	7	-3	6	-0.4392073	-
	7	-2	2	-0.2887095	-	7	-2	6	-0.3586113	-
	7	-1	2	-0.0922249	-	7	-1	6	-0.2571735	-
	7	0	2	0.1597382	-	7	0	6	-0.1545420	-
	7	1	2	0.3248009	-	7	1	6	-0.0681466	-
	7	2	2	0.2955036	-	8	-8	0	0.2816536	+
	7	3	2	0.0545610	-	8	-7	0	-0.4576871	+
	7	4	2	-0.2873314	-	8	-6	0	-0.2112402	+
	7	5	2	-0.4845391	-	8	-5	0	0.1760335	+
	7	-8	3	-0.5151401	-	8	-4	0	0.3466506	+
	7	-7	3	-0.1287850	-	8	-3	0	0.2518633	+
	7	-6	3	0.2339496	-	8	-2	0	0.0054164	+
	7	-5	3	0.3573639	-	8	-1	0	-0.2301977	+
	7	-4	3	0.2427810	-	8	0	0	-0.3249849	+
	7	-3	3	0.0000000	-	8	1	0	-0.2301977	+
	7	-2	3	-0.2314826	-	8	2	0	0.0054164	+
	7	-1	3	-0.3388558	-	8	3	0	0.2518633	+
	7	0	3	-0.2710846	-	8	4	0	0.3466506	+
	7	1	3	-0.0529792	-	8	5	0	0.1760335	+
	7	2	3	0.2216277	-	8	6	0	-0.2112402	+
	7	3	3	0.4173112	-	8	7	0	-0.4576871	+
	7	4	3	0.4031609	-	8	8	0	0.2816536	+
	7	-8	4	-0.4702564	-	8	-8	1	0.4563310	+
	7	-7	4	-0.3899160	-	8	-7	1	-0.2082857	+
	7	-6	4	-0.1208111	-	8	-6	1	-0.3872737	+
	7	-5	4	0.1598180	-	8	-5	1	-0.1898452	+
	7	-4	4	0.3317020	-	8	-4	1	0.1132925	+
	7	-3	4	0.3433442	-	8	-3	1	0.3089376	+
	7	-2	4	0.2070443	-	8	-2	1	0.3041765	+
	7	-1	4	-0.0174984	-	8	-1	1	0.1241057	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 8					8	3	4	0.4544466	+
					8	4	4	0.3705398	+
8	0	1	-0.1241057	+	8	-8	5	0.2243730	+
8	1	1	-0.3041765	+	8	-7	5	0.3728485	+
8	2	1	-0.3089376	+	8	-6	5	0.4429721	+
8	3	1	-0.1132925	+	8	-5	5	0.4142761	+
8	4	1	0.1898452	+	8	-4	5	0.2924864	+
8	5	1	0.3872737	+	8	-3	5	0.1053072	+
8	6	1	0.2082857	+	8	-2	5	-0.1053072	+
8	7	1	-0.4563310	+	8	-1	5	-0.2924864	+
8	-8	2	0.5269257	+	8	0	5	-0.4142761	+
8	-7	2	0.1219596	+	8	1	5	-0.4429721	+
8	-6	2	-0.2470266	+	8	2	5	-0.3728485	+
8	-5	2	-0.3616852	+	8	3	5	-0.2243730	+
8	-4	2	-0.2328429	+	8	-8	6	0.0956730	+
8	-3	2	0.0179642	+	8	-7	6	0.2001144	+
8	-2	2	0.2439192	+	8	-6	6	0.3100159	+
8	-1	2	0.3330105	+	8	-5	6	0.4059061	+
8	0	2	0.2439192	+	8	-4	6	0.4709479	+
8	1	2	0.0179642	+	8	-3	6	0.4939343	+
8	2	2	-0.2328429	+	8	-2	6	0.4709479	+
8	3	2	-0.3616852	+	8	-1	6	0.4059061	+
8	4	2	-0.2470266	+	8	0	6	0.3100159	+
8	5	2	0.1219596	+	8	1	6	0.2001144	+
8	6	2	0.5269257	+	8	2	6	0.0956730	+
8	-8	3	0.4878384	+	9	-8	0	-0.4896828	-
8	-7	3	0.3720806	+	9	-7	0	0.1679598	-
8	-6	3	0.0717547	+	9	-6	0	0.3983516	-
8	-5	3	-0.2098817	+	9	-5	0	0.2539313	-
8	-4	3	-0.3478756	+	9	-4	0	-0.0368276	-
8	-3	3	-0.3048629	+	9	-3	0	-0.2713197	-
8	-2	3	-0.1194071	+	9	-2	0	-0.3378441	-
8	-1	3	0.1194071	+	9	-1	0	-0.2247112	-
8	0	3	0.3048629	+	9	0	0	0.0000000	-
8	1	3	0.3478756	+	9	1	0	0.2247112	-
8	2	3	0.2098817	+	9	2	0	0.3378441	-
8	3	3	-0.0717547	+	9	3	0	0.2713197	-
8	4	3	-0.3720806	+	9	4	0	0.0368276	-
8	5	3	-0.4878384	+	9	5	0	-0.2539313	-
8	-8	4	0.3705398	+	9	6	0	-0.3983516	-
8	-7	4	0.4544466	+	9	7	0	-0.1679598	-
8	-6	4	0.3547649	+	9	8	0	0.4896828	-
8	-5	4	0.1373998	+	9	-8	1	-0.5442519	-
8	-4	4	-0.1077853	+	9	-7	1	-0.1571120	-
8	-3	4	-0.2951822	+	9	-6	1	0.2221899	-
8	-2	4	-0.3647947	+	9	-5	1	0.3688020	-
8	-1	4	-0.2951822	+	9	-4	1	0.2741014	-
8	0	4	-0.1077853	+	9	-3	1	0.0398060	-
8	1	4	0.1373998	+	9	-2	1	-0.1989263	-
8	2	4	0.3547649	+	9	-1	1	-0.3289435	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 8					9	0	4	0.3664302	-	
					9	1	4	0.2477520	-	
	9	0	1	-0.2942160	-	9	2	4	0.0191145	-
	9	1	1	-0.1108868	-	9	3	4	-0.2526638	-
	9	2	1	0.1376665	-	9	4	4	-0.4601573	-
	9	3	1	0.3257290	-	9	5	4	-0.4692703	-
	9	4	1	0.3300930	-	9	-8	5	-0.1338014	-
	9	5	1	0.0948456	-	9	-7	5	-0.2627807	-
	9	6	1	-0.2839039	-	9	-6	5	-0.3750533	-
	9	7	1	-0.4533581	-	9	-5	5	-0.4392174	-
	9	8	1	0.3205726	-	9	-4	5	-0.4333716	-
	9	-8	2	-0.4968318	-	9	-3	5	-0.3498927	-
	9	-7	2	-0.3848442	-	9	-2	5	-0.1973661	-
	9	-6	2	-0.0839799	-	9	-1	5	0.0000000	-
	9	-5	2	0.2024802	-	9	0	5	0.2054251	-
	9	-4	2	0.3484585	-	9	1	5	0.3750533	-
	9	-3	2	0.3145674	-	9	2	5	0.4658604	-
	9	-2	2	0.1367618	-	9	3	5	0.4458226	-
	9	-1	2	-0.0986830	-	9	4	5	0.3052338	-
	9	0	2	-0.2876226	-	9	-8	6	-0.0505722	-
	9	1	2	-0.3428059	-	9	-7	6	-0.1186023	-
	9	2	2	-0.2261656	-	9	-6	6	-0.2054251	-
	9	3	2	0.0266192	-	9	-5	6	-0.3007116	-
	9	4	2	0.2961390	-	9	-4	6	-0.3911919	-
	9	5	2	0.3948131	-	9	-3	6	-0.4628645	-
	9	6	2	0.1308732	-	9	-2	6	-0.5031868	-
	9	7	2	-0.5068698	-	9	-1	6	-0.5031868	-
	9	-8	3	-0.3848442	-	9	0	6	-0.4593446	-
	9	-7	3	-0.4599769	-	9	1	6	-0.3750533	-
	9	-6	3	-0.3423186	-	9	2	6	-0.2613867	-
	9	-5	3	-0.1095014	-	9	3	6	-0.1365047	-
	9	-4	3	0.1387004	-	10	-8	0	0.5639470	+
	9	-3	3	0.3121983	-	10	-7	0	0.2302304	+
	9	-2	3	0.3538464	-	10	-6	0	-0.1529216	+
	9	-1	3	0.2524716	-	10	-5	0	-0.3587882	+
	9	0	3	0.0454501	-	10	-4	0	-0.3424437	+
	9	1	3	-0.1892237	-	10	-3	0	-0.1622176	+
	9	2	3	-0.3514155	-	10	-2	0	0.0780747	+
	9	3	3	-0.3479485	-	10	-1	0	0.2730988	+
	9	4	3	-0.1325544	-	10	0	0	0.3472037	+
	9	5	3	0.2423301	-	10	1	0	0.2730988	+
	9	6	3	0.5552480	-	10	2	0	0.0780747	+
	9	-8	4	-0.2519397	-	10	3	0	-0.1622176	+
	9	-7	4	-0.3993717	-	10	4	0	-0.3424437	+
	9	-6	4	-0.4432448	-	10	5	0	-0.3587882	+
	9	-5	4	-0.3701504	-	10	6	0	-0.1529216	+
	9	-4	4	-0.2012789	-	10	7	0	0.2302304	+
	9	-3	4	0.0159042	-	10	8	0	0.5639470	+
	9	-2	4	0.2203752	-	10	-8	1	0.4973545	+
	9	-1	4	0.3520548	-	10	-7	1	0.4221916	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 8					10	-8	4	0.1477363 +		
					10	-7	4	0.2835488 +		
10	-6	1	0.1477363 +		10	-6	4	0.3927482 +		
10	-5	1	-0.1441759 +		10	-5	4	0.4412872 +		
10	-4	1	-0.3292043 +		10	-4	4	0.4087734 +		
10	-3	1	-0.3531361 +		10	-3	4	0.2936153 +		
10	-2	1	-0.2273711 +		10	-2	4	0.1144051 +		
10	-1	1	-0.0126277 +		10	-1	4	-0.0920884 +		
10	0	1	0.2043259 +		10	0	4	-0.2762653 +		
10	1	1	0.3371384 +		10	1	4	-0.3843765 +		
10	2	1	0.3262082 +		10	2	4	-0.3705580 +		
10	3	1	0.1615070 +		10	3	4	-0.2122717 +		
10	4	1	-0.1020637 +		10	4	4	0.0706592 +		
10	5	1	-0.3422531 +		10	5	4	0.3926197 +		
10	6	1	-0.3891604 +		10	6	4	0.5689599 +		
10	7	1	-0.0870189 +		10	-8	5	0.0699980 +		
10	8	1	0.5364206 +		10	-7	5	0.1578689 +		
10	-8	2	0.3814535 +		10	-6	5	0.2604654 +		
10	-7	2	0.4691258 +		10	-5	5	0.3582950 +		
10	-6	2	0.3693407 +		10	-4	5	0.4291553 +		
10	-5	2	0.1496797 +		10	-3	5	0.4523925 +		
10	-4	2	-0.0983243 +		10	-2	5	0.4130070 +		
10	-3	2	-0.2881984 +		10	-1	5	0.3054228 +		
10	-2	2	-0.3603474 +		10	0	5	0.1365892 +		
10	-1	2	-0.2950726 +		10	1	5	-0.0719888 +		
10	0	2	-0.1165770 +		10	2	5	-0.2838119 +		
10	1	2	0.1120865 +		10	3	5	-0.4492557 +		
10	2	2	0.3031372 +		10	4	5	-0.5107539 +		
10	3	2	0.3672625 +		10	5	5	-0.4117830 +		
10	4	2	0.2458887 +		10	-8	6	0.0237771 +		
10	5	2	-0.0474727 +		10	-7	6	0.0617748 +		
10	6	2	-0.3768029 +		10	-6	6	0.1182897 +		
10	7	2	-0.4240777 +		10	-5	6	0.1914339 +		
10	8	2	0.3793066 +		10	-4	6	0.2758856 +		
10	-8	3	0.2558868 +		10	-3	6	0.3632202 +		
10	-7	3	0.4045925 +		10	-2	6	0.4425997 +		
10	-6	3	0.4477086 +		10	-1	6	0.5018609 +		
10	-5	3	0.3725777 +		10	0	6	0.5290078 +		
10	-4	3	0.2017599 +		10	1	6	0.5141032 +		
10	-3	3	-0.0158623 +		10	2	6	0.4515420 +		
10	-2	3	-0.2184336 +		10	3	6	0.3426241 +		
10	-1	3	-0.3462160 +		10	4	6	0.1978141 +		
10	0	3	-0.3566570 +							
10	1	3	-0.2377713 +		J1 = 17/2					
10	2	3	-0.0179738 +							
10	3	3	0.2300416 +		5/2	-5/2	0	0.1577558 +		
10	4	3	0.3949968 +		5/2	-3/2	0	0.2813992 +		
10	5	3	0.3488517 +		5/2	-1/2	0	0.3559450 +		
10	6	3	0.0000000 +		5/2	1/2	0	0.3559450 +		
10	7	3	-0.5689599 +		5/2	3/2	0	0.2813992 +		

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					7/2	-3/2	1	0.0199228	-
					7/2	-1/2	1	0.2316540	-
5/2	5/2	0	0.1577558	+	7/2	1/2	1	0.3450739	-
5/2	-7/2	1	-0.2065508	+	7/2	3/2	1	0.3296614	-
5/2	-5/2	1	-0.3265854	+	7/2	5/2	1	0.2068525	-
5/2	-3/2	1	-0.3684381	+	7/2	-11/2	2	0.3986562	-
5/2	-1/2	1	-0.3295410	+	7/2	-9/2	2	0.3221628	-
5/2	1/2	1	-0.2330207	+	7/2	-7/2	2	0.0865146	-
5/2	3/2	1	-0.1165103	+	7/2	-5/2	2	-0.1579533	-
5/2	-9/2	2	0.2633016	+	7/2	-3/2	2	-0.3150079	-
5/2	-7/2	2	0.3651336	+	7/2	-1/2	2	-0.3491902	-
5/2	-5/2	2	0.3651336	+	7/2	1/2	2	-0.2772069	-
5/2	-3/2	2	0.2912759	+	7/2	3/2	2	-0.1490889	-
5/2	-1/2	2	0.1842190	+	7/2	-13/2	3	-0.4457111	-
5/2	1/2	2	0.0823853	+	7/2	-11/2	3	-0.2260168	-
5/2	-11/2	3	-0.3283948	+	7/2	-9/2	3	0.0697503	-
5/2	-9/2	3	-0.3925068	+	7/2	-7/2	3	0.2792247	-
5/2	-7/2	3	-0.3442513	+	7/2	-5/2	3	0.3553950	-
5/2	-5/2	3	-0.2434224	+	7/2	-3/2	3	0.3172053	-
5/2	-3/2	3	-0.1373088	+	7/2	-1/2	3	0.2142054	-
5/2	-1/2	3	-0.0549235	+	7/2	1/2	3	0.1000119	-
5/2	-13/2	4	0.4021998	+	7/2	-15/2	4	0.4603285	-
5/2	-11/2	4	0.4021998	+	7/2	-13/2	4	0.0615140	-
5/2	-9/2	4	0.3040345	+	7/2	-11/2	4	-0.2382426	-
5/2	-7/2	4	0.1885542	+	7/2	-9/2	4	-0.3616867	-
5/2	-5/2	4	0.0942771	+	7/2	-7/2	4	-0.3466587	-
5/2	-3/2	4	0.0336336	+	7/2	-5/2	4	-0.2568867	-
5/2	-15/2	5	-0.4850713	+	7/2	-3/2	4	-0.1491777	-
5/2	-13/2	5	-0.3834825	+	7/2	-1/2	4	-0.0608653	-
5/2	-11/2	5	-0.2425356	+	7/2	-17/2	5	-0.4046513	-
5/2	-9/2	5	-0.1296407	+	7/2	-15/2	5	0.1854716	-
5/2	-7/2	5	-0.0568512	+	7/2	-13/2	5	0.3861642	-
5/2	-5/2	5	-0.0179779	+	7/2	-11/2	5	0.3803299	-
5/2	-17/2	6	0.5773503	+	7/2	-9/2	5	0.2874169	-
5/2	-15/2	6	0.3131121	+	7/2	-7/2	5	0.1784815	-
5/2	-13/2	6	0.1565561	+	7/2	-5/2	5	0.0893625	-
5/2	-11/2	6	0.0700140	+	7/2	-3/2	5	0.0319180	-
5/2	-9/2	6	0.0264628	+	7/2	-17/2	6	-0.5298129	-
5/2	-7/2	6	0.0073395	+	7/2	-15/2	6	-0.4451319	-
7/2	-7/2	0	0.2708335	-	7/2	-13/2	6	-0.3047610	-
7/2	-5/2	0	0.3619165	-	7/2	-11/2	6	-0.1817243	-
7/2	-3/2	0	0.3000357	-	7/2	-9/2	6	-0.0940513	-
7/2	-1/2	0	0.1154838	-	7/2	-7/2	6	-0.0404109	-
7/2	1/2	0	-0.1154838	-	7/2	-5/2	6	-0.0126003	-
7/2	3/2	0	-0.3000357	-	9/2	-9/2	0	0.3732545	+
7/2	5/2	0	-0.3619165	-	9/2	-7/2	0	0.3549400	+
7/2	7/2	0	-0.2708335	-	9/2	-5/2	0	0.1418585	+
7/2	-9/2	1	-0.3369259	-	9/2	-3/2	0	-0.1196729	+
7/2	-7/2	1	-0.3632926	-	9/2	-1/2	0	-0.2913223	+
7/2	-5/2	1	-0.2127978	-	9/2	1/2	0	-0.2913223	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					9/2	-9/2	5	-0.3890486	+
					9/2	-7/2	5	-0.3250540	+
9/2	3/2	0	-0.1196729	+	9/2	-5/2	5	-0.2234263	+
9/2	5/2	0	0.1418585	+	9/2	-3/2	5	-0.1236715	+
9/2	7/2	0	0.3549400	+	9/2	-1/2	5	-0.0488008	+
9/2	9/2	0	0.3732545	+	9/2	-17/2	6	0.4392977	+
9/2	-11/2	1	-0.4309971	+	9/2	-15/2	6	0.4882521	+
9/2	-9/2	1	-0.2687739	+	9/2	-13/2	6	0.4228387	+
9/2	-7/2	1	0.0333373	+	9/2	-11/2	6	0.3151654	+
9/2	-5/2	1	0.2623469	+	9/2	-9/2	6	0.2063242	+
9/2	-3/2	1	0.3115988	+	9/2	-7/2	6	0.1172744	+
9/2	-1/2	1	0.1798080	+	9/2	-5/2	6	0.0552837	+
9/2	1/2	1	-0.0550547	+	9/2	-3/2	6	0.0189005	+
9/2	3/2	1	-0.2766988	+	11/2	-11/2	0	0.4520336	-
9/2	5/2	1	-0.3771685	+	11/2	-9/2	0	0.2549813	-
9/2	7/2	1	-0.3000357	+	11/2	-7/2	0	-0.0707191	-
9/2	-13/2	2	0.4571415	+	11/2	-5/2	0	-0.2887095	-
9/2	-11/2	2	0.1135777	+	11/2	-3/2	0	-0.2977904	-
9/2	-9/2	2	-0.2124844	+	11/2	-1/2	0	-0.1231061	-
9/2	-7/2	2	-0.3278202	+	11/2	1/2	0	0.1231061	-
9/2	-5/2	2	-0.2291128	+	11/2	3/2	0	0.2977904	-
9/2	-3/2	2	-0.0079465	+	11/2	5/2	0	0.2887095	-
9/2	-1/2	2	0.2176230	+	11/2	7/2	0	0.0707191	-
9/2	1/2	2	0.3514203	+	11/2	9/2	0	-0.2549813	-
9/2	3/2	2	0.3483004	+	11/2	11/2	0	-0.4520336	-
9/2	5/2	2	0.2236334	+	11/2	-13/2	1	-0.4678992	-
9/2	-15/2	3	-0.4309971	+	11/2	-11/2	1	-0.0630915	-
9/2	-13/2	3	0.1015870	+	11/2	-9/2	1	0.2639308	-
9/2	-11/2	3	0.3407331	+	11/2	-7/2	1	0.3213081	-
9/2	-9/2	3	0.2782074	+	11/2	-5/2	1	0.1512038	-
9/2	-7/2	3	0.0563503	+	11/2	-3/2	1	-0.1019416	-
9/2	-5/2	3	-0.1793056	+	11/2	-1/2	1	-0.2849354	-
9/2	-3/2	3	-0.3309014	+	11/2	1/2	1	-0.2986098	-
9/2	-1/2	3	-0.3609181	+	11/2	3/2	1	-0.1309817	-
9/2	1/2	3	-0.2849354	+	11/2	5/2	1	0.1388896	-
9/2	3/2	3	-0.1529124	+	11/2	7/2	1	0.3660061	-
9/2	-17/2	4	0.3244428	+	11/2	9/2	1	0.3914726	-
9/2	-15/2	4	-0.3409854	+	11/2	-15/2	2	0.4185018	-
9/2	-13/2	4	-0.3431225	+	11/2	-13/2	2	-0.1784498	-
9/2	-11/2	4	-0.0950259	+	11/2	-11/2	2	-0.3568995	-
9/2	-9/2	4	0.1658909	+	11/2	-9/2	2	-0.1927478	-
9/2	-7/2	4	0.3292197	+	11/2	-7/2	2	0.0845255	-
9/2	-5/2	4	0.3697554	+	11/2	-5/2	2	0.2828764	-
9/2	-3/2	4	0.3125248	+	11/2	-3/2	2	0.3062492	-
9/2	-1/2	4	0.2046192	+	11/2	-1/2	2	0.1583965	-
9/2	1/2	4	0.0936393	+	11/2	1/2	2	-0.0818485	-
9/2	-17/2	5	0.5072573	+	11/2	3/2	2	-0.3003139	-
9/2	-15/2	5	0.1230280	+	11/2	5/2	2	-0.3928390	-
9/2	-13/2	5	-0.1993281	+	11/2	7/2	2	-0.3070964	-
9/2	-11/2	5	-0.3639216	+	11/2	-17/2	3	-0.2875878	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					13/2	1/2	0	0.2887095	+
					13/2	3/2	0	0.1118167	+
11/2	-15/2	3	0.3995796	-	13/2	5/2	0	-0.1462668	+
11/2	-13/2	3	0.2660172	-	13/2	7/2	0	-0.3270626	+
11/2	-11/2	3	-0.0686853	-	13/2	9/2	0	-0.2754113	+
11/2	-9/2	3	-0.2953021	-	13/2	11/2	0	0.0600997	+
11/2	-7/2	3	-0.3167044	-	13/2	13/2	0	0.4845391	+
11/2	-5/2	3	-0.1650112	-	13/2	-15/2	1	-0.4229404	+
11/2	-3/2	3	0.0658422	-	13/2	-13/2	1	0.2073636	+
11/2	-1/2	3	0.2721105	-	13/2	-11/2	1	0.3634487	+
11/2	1/2	3	0.3767986	-	13/2	-9/2	1	0.1627507	+
11/2	3/2	3	0.3506839	-	13/2	-7/2	1	-0.1276721	+
11/2	5/2	3	0.2171499	-	13/2	-5/2	1	-0.3028011	+
11/2	-17/2	4	-0.4749357	-	13/2	-3/2	1	-0.2789199	+
11/2	-15/2	4	0.0515140	-	13/2	-1/2	1	-0.0890977	+
11/2	-13/2	4	0.3364881	-	13/2	1/2	1	0.1543217	+
11/2	-11/2	4	0.3325215	-	13/2	3/2	1	0.3137875	+
11/2	-9/2	4	0.1472135	-	13/2	5/2	1	0.2854836	+
11/2	-7/2	4	-0.0912980	-	13/2	7/2	1	0.0527109	+
11/2	-5/2	4	-0.2837170	-	13/2	9/2	1	-0.2775885	+
11/2	-3/2	4	-0.3763531	-	13/2	11/2	1	-0.4681092	+
11/2	-1/2	4	-0.3609967	-	13/2	-17/2	2	0.2757234	+
11/2	1/2	4	-0.2650096	-	13/2	-15/2	2	-0.4265847	+
11/2	3/2	4	-0.1355423	-	13/2	-13/2	2	-0.2248724	+
11/2	-17/2	5	-0.4981168	-	13/2	-11/2	2	0.1375494	+
11/2	-15/2	5	-0.3487515	-	13/2	-9/2	2	0.3255014	+
11/2	-13/2	5	-0.0697503	-	13/2	-7/2	2	0.2708335	+
11/2	-11/2	5	0.1845419	-	13/2	-5/2	2	0.0552837	+
11/2	-9/2	5	0.3452464	-	13/2	-3/2	2	-0.1827046	+
11/2	-7/2	5	0.3981082	-	13/2	-1/2	2	-0.3172053	+
11/2	-5/2	5	0.3619165	-	13/2	1/2	2	-0.2800796	+
11/2	-3/2	5	0.2714609	-	13/2	3/2	2	-0.0823049	+
11/2	-1/2	5	0.1643053	-	13/2	5/2	2	0.1885843	+
11/2	1/2	5	0.0710790	-	13/2	7/2	2	0.3946870	+
11/2	-17/2	6	-0.3320778	-	13/2	9/2	2	0.3956245	+
11/2	-15/2	6	-0.4556070	-	13/2	-17/2	3	0.4588315	+
11/2	-13/2	6	-0.4764852	-	13/2	-15/2	3	-0.1362933	+
11/2	-11/2	6	-0.4261814	-	13/2	-13/2	3	-0.3690839	+
11/2	-9/2	6	-0.3369259	-	13/2	-11/2	3	-0.2609817	+
11/2	-7/2	6	-0.2364029	-	13/2	-9/2	3	0.0000000	+
11/2	-5/2	6	-0.1447666	-	13/2	-7/2	3	0.2345487	+
11/2	-3/2	6	-0.0737799	-	13/2	-5/2	3	0.3317020	+
11/2	-1/2	6	-0.0273583	-	13/2	-3/2	3	0.2618926	+
13/2	-13/2	0	0.4845391	+	13/2	-1/2	3	0.0654732	+
13/2	-11/2	0	0.0600997	+	13/2	1/2	3	-0.1725369	+
13/2	-9/2	0	-0.2754113	+	13/2	3/2	3	-0.3546043	+
13/2	-7/2	0	-0.3270626	+	13/2	5/2	3	-0.4041933	+
13/2	-5/2	0	-0.1462668	+	13/2	7/2	3	-0.2944271	+
13/2	-3/2	0	0.1118167	+	13/2	-17/2	4	0.5129892	+
13/2	-1/2	0	0.2887095	+	13/2	-15/2	4	0.2382426	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					15/2	-15/2	1	0.4409458	-
					15/2	-13/2	1	0.2239107	-
13/2	-13/2	4	-0.1065453	+	15/2	-11/2	1	-0.1493747	-
13/2	-11/2	4	-0.3196360	+	15/2	-9/2	1	-0.3336249	-
13/2	-9/2	4	-0.3452464	+	15/2	-7/2	1	-0.2666423	-
13/2	-7/2	4	-0.2141127	+	15/2	-5/2	1	-0.0413338	-
13/2	-5/2	4	0.0000000	+	15/2	-3/2	1	0.1952475	-
13/2	-3/2	4	0.2138345	+	15/2	-1/2	1	0.3158286	-
13/2	-1/2	4	0.3591090	+	15/2	1/2	1	0.2598096	-
13/2	1/2	4	0.3981082	+	15/2	3/2	1	0.0531085	-
13/2	3/2	4	0.3303831	+	15/2	5/2	1	-0.1990696	-
13/2	5/2	4	0.1900519	+	15/2	7/2	1	-0.3466207	-
13/2	-17/2	5	0.4188539	+	15/2	9/2	1	-0.2563561	-
13/2	-15/2	5	0.4497448	+	15/2	11/2	1	0.0976075	-
13/2	-13/2	5	0.3047610	+	15/2	13/2	1	0.5071836	-
13/2	-11/2	5	0.0786889	+	15/2	-17/2	2	-0.4599384	-
13/2	-9/2	5	-0.1472135	+	15/2	-15/2	2	0.1686499	-
13/2	-7/2	5	-0.3162654	+	15/2	-13/2	2	0.3795299	-
13/2	-5/2	5	-0.4000476	+	15/2	-11/2	2	0.2311184	-
13/2	-3/2	5	-0.3964597	+	15/2	-9/2	2	-0.0513062	-
13/2	-1/2	5	-0.3240756	+	15/2	-7/2	2	-0.2711137	-
13/2	1/2	5	-0.2142054	+	15/2	-5/2	2	-0.3227683	-
13/2	3/2	5	-0.1015870	+	15/2	-3/2	2	-0.1996784	-
13/2	-17/2	6	0.2294157	+	15/2	-1/2	2	0.0266462	-
13/2	-15/2	6	0.3732545	+	15/2	1/2	2	0.2430937	-
13/2	-13/2	6	0.4571415	+	15/2	3/2	2	0.3384731	-
13/2	-11/2	6	0.4770264	+	15/2	5/2	2	0.2469707	-
13/2	-9/2	6	0.4416406	+	15/2	7/2	2	-0.0154694	-
13/2	-7/2	6	0.3674672	+	15/2	9/2	2	-0.3299736	-
13/2	-5/2	6	0.2738939	+	15/2	11/2	2	-0.4781772	-
13/2	-3/2	6	0.1793056	+	15/2	-17/2	3	-0.5215211	-
13/2	-1/2	6	0.0982097	+	15/2	-15/2	3	-0.1822878	-
13/2	1/2	6	0.0393445	+	15/2	-13/2	3	0.1798452	-
15/2	-15/2	0	0.4427061	-	15/2	-11/2	3	0.3496601	-
15/2	-13/2	0	-0.2020668	-	15/2	-9/2	3	0.2980621	-
15/2	-11/2	0	-0.3757107	-	15/2	-7/2	3	0.0978136	-
15/2	-9/2	0	-0.1841769	-	15/2	-5/2	3	-0.1383293	-
15/2	-7/2	0	0.1099098	-	15/2	-3/2	3	-0.3038715	-
15/2	-5/2	0	0.2997134	-	15/2	-1/2	3	-0.3302405	-
15/2	-3/2	0	0.2950945	-	15/2	1/2	3	-0.2040941	-
15/2	-1/2	0	0.1204002	-	15/2	3/2	3	0.0296420	-
15/2	1/2	0	-0.1204002	-	15/2	5/2	3	0.2789323	-
15/2	3/2	0	-0.2950945	-	15/2	7/2	3	0.4297460	-
15/2	5/2	0	-0.2997134	-	15/2	9/2	3	0.3833947	-
15/2	7/2	0	-0.1099098	-	15/2	-17/2	4	-0.4574043	-
15/2	9/2	0	0.1841769	-	15/2	-15/2	4	-0.4163212	-
15/2	11/2	0	0.3757107	-	15/2	-13/2	4	-0.1847329	-
15/2	13/2	0	0.2020668	-	15/2	-11/2	4	0.0872637	-
15/2	15/2	0	-0.4427061	-	15/2	-9/2	4	0.2879554	-
15/2	-17/2	1	-0.2816536	-	15/2	-7/2	4	0.3571647	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					17/2	-17/2	1	0.4766222	+
					17/2	-15/2	1	-0.1634801	+
15/2	-5/2	4	0.2863688	-	17/2	-13/2	1	-0.3877270	+
15/2	-3/2	4	0.1095414	-	17/2	-11/2	1	-0.2471586	+
15/2	-1/2	4	-0.1117869	-	17/2	-9/2	1	0.0358454	+
15/2	1/2	4	-0.3065661	-	17/2	-7/2	1	0.2640832	+
15/2	3/2	4	-0.4130753	-	17/2	-5/2	1	0.3288333	+
15/2	5/2	4	-0.3962855	-	17/2	-3/2	1	0.2187178	+
15/2	7/2	4	-0.2604654	-	17/2	-1/2	1	0.0000000	+
15/2	-17/2	5	-0.3096642	-	17/2	1/2	1	-0.2187178	+
15/2	-15/2	5	-0.4354654	-	17/2	3/2	1	-0.3288333	+
15/2	-13/2	5	-0.4298803	-	17/2	5/2	1	-0.2640832	+
15/2	-11/2	5	-0.3117478	-	17/2	7/2	1	-0.0358454	+
15/2	-9/2	5	-0.1227846	-	17/2	9/2	1	0.2471586	+
15/2	-7/2	5	0.0863434	-	17/2	11/2	1	0.3877270	+
15/2	-5/2	5	0.2679894	-	17/2	13/2	1	0.1634801	+
15/2	-3/2	5	0.3863694	-	17/2	15/2	1	-0.4766222	+
15/2	-1/2	5	0.4231207	-	17/2	-17/2	2	0.5328798	+
15/2	1/2	5	0.3795299	-	17/2	-15/2	2	0.1733968	+
15/2	3/2	5	0.2753706	-	17/2	-13/2	2	-0.1966135	+
15/2	5/2	5	0.1439777	-	17/2	-11/2	2	-0.3574795	+
15/2	-17/2	6	-0.1446439	-	17/2	-9/2	2	-0.2885497	+
15/2	-15/2	6	-0.2717386	-	17/2	-7/2	2	-0.0747756	+
15/2	-13/2	6	-0.3812823	-	17/2	-5/2	2	0.1615819	+
15/2	-11/2	6	-0.4547057	-	17/2	-3/2	2	0.3112409	+
15/2	-9/2	6	-0.4822883	-	17/2	-1/2	2	0.3112409	+
15/2	-7/2	6	-0.4633676	-	17/2	1/2	2	0.1615819	+
15/2	-5/2	6	-0.4049867	-	17/2	3/2	2	-0.0747756	+
15/2	-3/2	6	-0.3197540	-	17/2	5/2	2	-0.2885497	+
15/2	-1/2	6	-0.2232561	-	17/2	7/2	2	-0.3574795	+
15/2	1/2	6	-0.1312622	-	17/2	9/2	2	-0.1966135	+
15/2	3/2	6	-0.0568382	-	17/2	11/2	2	0.1733968	+
17/2	-17/2	0	0.3032313	+	17/2	13/2	2	0.5328798	+
17/2	-15/2	0	-0.4459284	+	17/2	-17/2	3	0.4766222	+
17/2	-13/2	0	-0.2586385	+	17/2	-15/2	3	0.4016328	+
17/2	-11/2	0	0.1159414	+	17/2	-13/2	3	0.1354828	+
17/2	-9/2	0	0.3299870	+	17/2	-11/2	3	-0.1456676	+
17/2	-7/2	0	0.3011732	+	17/2	-9/2	3	-0.3215255	+
17/2	-5/2	0	0.0994763	+	17/2	-7/2	3	-0.3399802	+
17/2	-3/2	0	-0.1433831	+	17/2	-5/2	3	-0.2128151	+
17/2	-1/2	0	-0.3018592	+	17/2	-3/2	3	0.0000000	+
17/2	1/2	0	-0.3018592	+	17/2	-1/2	3	0.2128151	+
17/2	3/2	0	-0.1433831	+	17/2	1/2	3	0.3399802	+
17/2	5/2	0	0.0994763	+	17/2	3/2	3	0.3215255	+
17/2	7/2	0	0.3011732	+	17/2	5/2	3	0.1456676	+
17/2	9/2	0	0.3299870	+	17/2	7/2	3	-0.1354828	+
17/2	11/2	0	0.1159414	+	17/2	9/2	3	-0.4016328	+
17/2	13/2	0	-0.2586385	+	17/2	11/2	3	-0.4766222	+
17/2	15/2	0	-0.4459284	+	17/2	-17/2	4	0.3488517	+
17/2	17/2	0	0.3032313	+	17/2	-15/2	4	0.4512614	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					19/2	5/2	0	0.3340780	-
					19/2	7/2	0	0.2126826	-
17/2	-13/2	4	0.3882947	+	19/2	9/2	0	-0.0378383	-
17/2	-11/2	4	0.2059160	+	19/2	11/2	0	-0.2997134	-
17/2	-9/2	4	-0.0246117	+	19/2	13/2	0	-0.3899227	-
17/2	-7/2	4	-0.2289526	+	19/2	15/2	0	-0.1230633	-
17/2	-5/2	4	-0.3475257	+	19/2	17/2	0	0.5074031	-
17/2	-3/2	4	-0.3475257	+	19/2	-17/2	1	-0.5480580	-
17/2	-1/2	4	-0.2289526	+	19/2	-15/2	1	-0.2047433	-
17/2	1/2	4	-0.0246117	+	19/2	-13/2	1	0.1710981	-
17/2	3/2	4	0.2059160	+	19/2	-11/2	1	0.3568171	-
17/2	5/2	4	0.3882947	+	19/2	-9/2	1	0.3180956	-
17/2	7/2	4	0.4512614	+	19/2	-7/2	1	0.1243505	-
17/2	9/2	4	0.3488517	+	19/2	-5/2	1	-0.1132811	-
17/2	-17/2	5	0.2029530	+	19/2	-3/2	1	-0.2883770	-
17/2	-15/2	5	0.3480616	+	19/2	-1/2	1	-0.3311292	-
17/2	-13/2	5	0.4319330	+	19/2	1/2	1	-0.2259519	-
17/2	-11/2	5	0.4319330	+	19/2	3/2	1	-0.0148703	-
17/2	-9/2	5	0.3463169	+	19/2	5/2	1	0.2132827	-
17/2	-7/2	5	0.1921020	+	19/2	7/2	1	0.3478506	-
17/2	-5/2	5	0.0000000	+	19/2	9/2	1	0.2955157	-
17/2	-3/2	5	-0.1921020	+	19/2	11/2	1	0.0336340	-
17/2	-1/2	5	-0.3463169	+	19/2	13/2	1	-0.3222554	-
17/2	1/2	5	-0.4319330	+	19/2	15/2	1	-0.4367489	-
17/2	3/2	5	-0.4319330	+	19/2	17/2	1	0.3412756	-
17/2	5/2	5	-0.3480616	+	19/2	-17/2	2	-0.4853683	-
17/2	7/2	5	-0.2029530	+	19/2	-15/2	2	-0.4120168	-
17/2	-17/2	6	0.0828552	+	19/2	-13/2	2	-0.1441759	-
17/2	-15/2	6	0.1763359	+	19/2	-11/2	2	0.1407012	-
17/2	-13/2	6	0.2788116	+	19/2	-9/2	2	0.3212705	-
17/2	-11/2	6	0.3740650	+	19/2	-7/2	2	0.3446256	-
17/2	-9/2	6	0.4470932	+	19/2	-5/2	2	0.2218915	-
17/2	-7/2	6	0.4866164	+	19/2	-3/2	2	0.0123234	-
17/2	-5/2	6	0.4866164	+	19/2	-1/2	2	-0.1994017	-
17/2	-3/2	6	0.4470932	+	19/2	1/2	2	-0.3290134	-
17/2	-1/2	6	0.3740650	+	19/2	3/2	2	-0.3183466	-
17/2	1/2	6	0.2788116	+	19/2	5/2	2	-0.1576147	-
17/2	3/2	6	0.1763359	+	19/2	7/2	2	0.0996040	-
17/2	5/2	6	0.0828552	+	19/2	9/2	2	0.3340048	-
19/2	-17/2	0	-0.5074031	-	19/2	11/2	2	0.3797817	-
19/2	-15/2	0	0.1230633	-	19/2	13/2	2	0.0849218	-
19/2	-13/2	0	0.3899227	-	19/2	15/2	2	-0.5234929	-
19/2	-11/2	0	0.2997134	-	19/2	-17/2	3	-0.3640262	-
19/2	-9/2	0	0.0378383	-	19/2	-15/2	3	-0.4587648	-
19/2	-7/2	0	-0.2126826	-	19/2	-13/2	3	-0.3775410	-
19/2	-5/2	0	-0.3340780	-	19/2	-11/2	3	-0.1769940	-
19/2	-3/2	0	-0.2893615	-	19/2	-9/2	3	0.0615558	-
19/2	-1/2	0	-0.1129454	-	19/2	-7/2	3	0.2576949	-
19/2	1/2	0	0.1129454	-	19/2	-5/2	3	0.3517963	-
19/2	3/2	0	0.2893615	-	19/2	-3/2	3	0.3176864	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 17/2					19/2	5/2	6	-0.2376742	-
					19/2	7/2	6	-0.1220935	-
19/2	-1/2	3	0.1678986	-					
19/2	1/2	3	-0.0485349	-	J1 = 9				
19/2	3/2	3	-0.2557720	-					
19/2	5/2	3	-0.3683585	-	3	-3	0	0.1354168	+
19/2	7/2	3	-0.3160002	-	3	-2	0	0.2533416	+
19/2	9/2	3	-0.0761257	-	3	-1	0	0.3416057	+
19/2	11/2	3	0.2848362	-	3	0	0	0.3742103	+
19/2	13/2	3	0.5552480	-	3	1	0	0.3416057	+
19/2	-17/2	4	-0.2302304	-	3	2	0	0.2533416	+
19/2	-15/2	4	-0.3777376	-	3	3	0	0.1354168	+
19/2	-13/2	4	-0.4407707	-	3	-4	1	-0.1845419	+
19/2	-11/2	4	-0.4007177	-	3	-3	1	-0.3070964	+
19/2	-9/2	4	-0.2674950	-	3	-2	1	-0.3708541	+
19/2	-7/2	4	-0.0745160	-	3	-1	1	-0.3651918	+
19/2	-5/2	4	0.1301100	-	3	0	1	-0.3000357	+
19/2	-3/2	4	0.2941174	-	3	1	1	-0.2000238	+
19/2	-1/2	4	0.3721710	-	3	2	1	-0.0957541	+
19/2	1/2	4	0.3364595	-	3	-5	2	0.2441260	+
19/2	3/2	4	0.1857295	-	3	-4	2	0.3573639	+
19/2	5/2	4	-0.0484766	-	3	-3	2	0.3838704	+
19/2	7/2	4	-0.2999599	-	3	-2	2	0.3385419	+
19/2	9/2	4	-0.4725519	-	3	-1	2	0.2500298	+
19/2	11/2	4	-0.4533581	-	3	0	2	0.1500179	+
19/2	-17/2	5	-0.1178242	-	3	1	2	0.0645574	+
19/2	-15/2	5	-0.2366553	-	3	-6	3	-0.3151654	+
19/2	-13/2	5	-0.3476359	-	3	-5	3	-0.3986562	+
19/2	-11/2	5	-0.4232762	-	3	-4	3	-0.3766947	+
19/2	-9/2	5	-0.4422172	-	3	-3	3	-0.2955036	+
19/2	-7/2	5	-0.3934502	-	3	-2	3	-0.1954573	+
19/2	-5/2	5	-0.2784524	-	3	-1	3	-0.1054218	+
19/2	-3/2	5	-0.1115246	-	3	0	3	-0.0408297	+
19/2	-1/2	5	0.0816277	-	3	-7	4	0.3986562	+
19/2	1/2	5	0.2670573	-	3	-6	4	0.4228387	+
19/2	3/2	5	0.4074727	-	3	-5	4	0.3452464	+
19/2	5/2	5	0.4688394	-	3	-4	4	0.2382426	+
19/2	7/2	5	0.4285496	-	3	-3	4	0.1401697	+
19/2	9/2	5	0.2841572	-	3	-2	4	0.0677084	+
19/2	-17/2	6	-0.0427863	-	3	-1	4	0.0235730	+
19/2	-15/2	6	-0.1016753	-	3	-8	5	-0.4955946	+
19/2	-13/2	6	-0.1788373	-	3	-7	5	-0.4163828	+
19/2	-11/2	6	-0.2665949	-	3	-6	5	-0.2850778	+
19/2	-9/2	6	-0.3544666	-	3	-5	5	-0.1699876	+
19/2	-7/2	6	-0.4307788	-	3	-4	5	-0.0879769	+
19/2	-5/2	6	-0.4842936	-	3	-3	5	-0.0378009	+
19/2	-3/2	6	-0.5058282	-	3	-2	5	-0.0117865	+
19/2	-1/2	6	-0.4897660	-	3	-9	6	0.6069770	+
19/2	1/2	6	-0.4353476	-	3	-8	6	0.3504383	+
19/2	3/2	6	-0.3475972	-	3	-7	6	0.1900519	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					4	0	4	-0.0462965	-
					4	-9	5	-0.4352858	-
3	-6	6	0.0950259	+	4	-8	5	0.1450953	-
3	-5	6	0.0424969	+	4	-7	5	0.3724241	-
3	-4	6	0.0160623	+	4	-6	5	0.3991089	-
3	-3	6	0.0044549	+	4	-5	5	0.3291795	-
4	-4	0	0.2475890	-	4	-4	5	0.2287400	-
4	-3	0	0.3568137	-	4	-3	5	0.1352408	-
4	-2	0	0.3398934	-	4	-2	5	0.0655640	-
4	-1	0	0.2049634	-	4	-1	5	0.0228896	-
4	0	0	0.0000000	-	4	-9	6	-0.5331140	-
4	1	0	-0.2049634	-	4	-8	6	-0.4701623	-
4	2	0	-0.3398934	-	4	-7	6	-0.3420934	-
4	3	0	-0.3568137	-	4	-6	6	-0.2208203	-
4	4	0	-0.2475890	-	4	-5	6	-0.1274907	-
4	-5	1	-0.3196360	-	4	-4	6	-0.0646496	-
4	-4	1	-0.3781984	-	4	-3	6	-0.0273894	-
4	-3	1	-0.2746753	-	4	-2	6	-0.0084525	-
4	-2	1	-0.0741708	-	5	-5	0	0.3573639	+
4	-1	1	0.1414382	-	5	-4	0	0.3781984	+
4	0	1	0.3000357	-	5	-3	0	0.2119608	+
4	1	1	0.3578135	-	5	-2	0	-0.0323708	+
4	2	1	0.3083733	-	5	-1	0	-0.2373747	+
4	3	1	0.1816807	-	5	0	0	-0.3162654	+
4	-6	2	0.3914726	-	5	1	0	-0.2373747	+
4	-5	2	0.3573639	-	5	2	0	-0.0323708	+
4	-4	2	0.1598180	-	5	3	0	0.2119608	+
4	-3	2	-0.0767741	-	5	4	0	0.3781984	+
4	-2	2	-0.2622334	-	5	5	0	0.3573639	+
4	-1	2	-0.3500417	-	5	-6	1	-0.4271316	+
4	0	2	-0.3354501	-	5	-5	1	-0.3138763	+
4	1	2	-0.2457062	-	5	-4	1	-0.0412648	+
4	2	2	-0.1253716	-	5	-3	1	0.2060065	+
4	-7	3	-0.4520336	-	5	-2	1	0.3171677	+
4	-6	3	-0.2768129	-	5	-1	1	0.2623469	+
4	-5	3	0.0000000	-	5	0	1	0.0801879	+
4	-4	3	0.2260168	-	5	1	1	-0.1469591	+
4	-3	3	0.3433442	-	5	2	1	-0.3242278	+
4	-2	3	0.3518231	-	5	3	1	-0.3766367	+
4	-1	3	0.2828764	-	5	4	1	-0.2768129	+
4	0	3	0.1793056	-	5	-7	2	0.4678992	+
4	1	3	0.0801879	-	5	-6	2	0.1708526	+
4	-8	4	0.4812265	-	5	-5	2	-0.1559664	+
4	-7	4	0.1167146	-	5	-4	2	-0.3196360	+
4	-6	4	-0.1890992	-	5	-3	2	-0.2872623	+
4	-5	4	-0.3452464	-	5	-2	2	-0.1144481	+
4	-4	4	-0.3690839	-	5	-1	2	0.1069172	+
4	-3	4	-0.3083733	-	5	0	2	0.2875287	+
4	-2	4	-0.2119608	-	5	1	2	0.3670735	+
4	-1	4	-0.1173251	-	5	2	2	0.3282998	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					6	0	0	0.0000000	-
					6	1	0	0.2154986	-
5	3	2	0.1982298	+	6	2	0	0.3196360	-
5	-8	3	-0.4547163	+	6	3	0	0.2441260	-
5	-7	3	0.0493209	+	6	4	0	0.0000000	-
5	-6	3	0.3221628	+	6	5	0	-0.3009274	-
5	-5	3	0.3183651	+	6	6	0	-0.4485960	-
5	-4	3	0.1409462	+	6	-7	1	-0.4795693	-
5	-3	3	-0.0874111	+	6	-6	1	-0.1198923	-
5	-2	3	-0.2716384	+	6	-5	1	0.2177952	-
5	-1	3	-0.3603306	+	6	-4	1	0.3326877	-
5	0	3	-0.3456280	+	6	-3	1	0.2260168	-
5	1	3	-0.2537274	+	6	-2	1	0.0000000	-
5	2	3	-0.1297719	+	6	-1	1	-0.2154986	-
5	-9	4	0.3522217	+	6	0	1	-0.3154576	-
5	-8	4	-0.3150367	+	6	1	1	-0.2523661	-
5	-7	4	-0.3693035	+	6	2	1	-0.0493209	-
5	-6	4	-0.1620850	+	6	3	1	0.2063242	-
5	-5	4	0.0922710	+	6	4	1	0.3884956	-
5	-4	4	0.2818925	+	6	5	1	0.3753224	-
5	-3	4	0.3671268	+	6	-8	2	0.4421411	-
5	-2	4	0.3547098	+	6	-7	2	-0.1313355	-
5	-1	4	0.2763557	+	6	-6	2	-0.3556581	-
5	0	4	0.1717464	+	6	-5	2	-0.2514883	-
5	1	4	0.0757705	+	6	-4	2	0.0000000	-
5	-9	5	0.5224293	+	6	-3	2	0.2260168	-
5	-8	5	0.1741431	+	6	-2	2	0.3196360	-
5	-7	5	-0.1463095	+	6	-1	2	0.2523661	-
5	-6	5	-0.3352371	+	6	0	2	0.0630915	-
5	-5	5	-0.3950807	+	6	1	2	-0.1662607	-
5	-4	5	-0.3620974	+	6	2	2	-0.3417053	-
5	-3	5	-0.2789341	+	6	3	2	-0.3894904	-
5	-2	5	-0.1822291	+	6	4	2	-0.2837170	-
5	-1	5	-0.0974010	+	6	-9	3	-0.3126409	-
5	0	5	-0.0374619	+	6	-8	3	0.3829054	-
5	-9	6	0.4265617	+	6	-7	3	0.3080090	-
5	-8	6	0.4925510	+	6	-6	3	0.0000000	-
5	-7	6	0.4469828	+	6	-5	3	-0.2514883	-
5	-6	6	0.3533709	+	6	-4	3	-0.3326877	-
5	-5	6	0.2498710	+	6	-3	3	-0.2441260	-
5	-4	6	0.1580323	+	6	-2	3	-0.0493209	-
5	-3	6	0.0876605	+	6	-1	3	0.1662607	-
5	-2	6	0.0405789	+	6	0	3	0.3259728	-
5	-1	6	0.0136792	+	6	1	3	0.3824720	-
6	-6	0	0.4485960	-	6	2	3	0.3278331	-
6	-5	0	0.3009274	-	6	3	3	0.1927478	-
6	-4	0	0.0000000	-	6	-9	4	-0.4943287	-
6	-3	0	-0.2441260	-	6	-8	4	0.0000000	-
6	-2	0	-0.3196360	-	6	-7	4	0.3080090	-
6	-1	0	-0.2154986	-	6	-6	4	0.3556581	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					7	-4	1	-0.0496770	+
					7	-3	1	-0.2625048	+
6	-5	4	0.2177952	-	7	-2	1	-0.3125191	+
6	-4	4	0.0000000	-	7	-1	1	-0.1933378	+
6	-3	4	-0.2063242	-	7	0	1	0.0258000	+
6	-2	4	-0.3417053	-	7	1	1	0.2353745	+
6	-1	4	-0.3824720	-	7	2	1	0.3277252	+
6	0	4	-0.3364881	-	7	3	1	0.2391283	+
6	1	4	-0.2339496	-	7	4	1	-0.0149782	+
6	2	4	-0.1151888	-	7	5	1	-0.3194956	+
6	-9	5	-0.4943287	-	7	6	1	-0.4629931	+
6	-8	5	-0.3829054	-	7	-9	2	0.2987388	+
6	-7	5	-0.1313355	-	7	-8	2	-0.4140130	+
6	-6	5	0.1198923	-	7	-7	2	-0.2709000	+
6	-5	5	0.3009274	-	7	-6	2	0.0745478	+
6	-4	5	0.3884956	-	7	-5	2	0.3004184	+
6	-3	5	0.3894904	-	7	-4	2	0.3110273	+
6	-2	5	0.3278331	-	7	-3	2	0.1478802	+
6	-1	5	0.2339496	-	7	-2	2	-0.0830113	+
6	0	5	0.1366983	-	7	-1	2	-0.2674604	+
6	1	5	0.0575944	-	7	0	2	-0.3230848	+
6	-9	6	-0.3126409	-	7	1	2	-0.2229384	+
6	-8	6	-0.4421411	-	7	2	2	-0.0028088	+
6	-7	6	-0.4795693	-	7	3	2	0.2477729	+
6	-6	6	-0.4485960	-	7	4	2	0.4105772	+
6	-5	6	-0.3753224	-	7	5	2	0.3780323	+
6	-4	6	-0.2837170	-	7	-9	3	0.4790478	+
6	-3	6	-0.1927478	-	7	-8	3	-0.0885760	+
6	-2	6	-0.1151888	-	7	-7	3	-0.3569803	+
6	-1	6	-0.0575944	-	7	-6	3	-0.3054228	+
6	0	6	-0.0210305	-	7	-5	3	-0.0796605	+
7	-7	0	0.4949605	+	7	-4	3	0.1632553	+
7	-6	0	0.1145611	+	7	-3	3	0.3112409	+
7	-5	0	-0.2320410	+	7	-2	3	0.3146336	+
7	-4	0	-0.3397441	+	7	-1	3	0.1832711	+
7	-3	0	-0.2187178	+	7	0	3	-0.0282625	+
7	-2	0	0.0168744	+	7	1	3	-0.2420762	+
7	-1	0	0.2291222	+	7	2	3	-0.3812882	+
7	0	0	0.3128089	+	7	3	3	-0.3937867	+
7	1	0	0.2291222	+	7	4	3	-0.2711010	+
7	2	0	0.0168744	+	7	-9	4	0.5145798	+
7	3	0	-0.2187178	+	7	-8	4	0.2830045	+
7	4	0	-0.3397441	+	7	-7	4	-0.0459920	+
7	5	0	-0.2320410	+	7	-6	4	-0.2816422	+
7	6	0	0.1145611	+	7	-5	4	-0.3562524	+
7	7	0	0.4949605	+	7	-4	4	-0.2788116	+
7	-8	1	-0.4453335	+	7	-3	4	-0.1012467	+
7	-7	1	0.1632946	+	7	-2	4	0.1082372	+
7	-6	1	0.3674783	+	7	-1	4	0.2855541	+
7	-5	1	0.2237794	+	7	0	4	0.3850607	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					8	-4	1	-0.3081088	-
					8	-3	1	-0.1302195	-
7	1	4	0.3878501	+	8	-2	1	0.1048884	-
7	2	4	0.3039712	+	8	-1	1	0.2783005	-
7	3	4	0.1681297	+	8	0	1	0.3111494	-
7	-9	5	0.4022656	+	8	1	1	0.1881655	-
7	-8	5	0.4574043	+	8	2	1	-0.0376527	-
7	-7	5	0.3466776	+	8	3	1	-0.2592740	-
7	-6	5	0.1470829	+	8	4	1	-0.3488517	-
7	-5	5	-0.0710478	+	8	5	1	-0.2101706	-
7	-4	5	-0.2541882	+	8	6	1	0.1486131	-
7	-3	5	-0.3701204	+	8	7	1	0.5148108	-
7	-2	5	-0.4079345	+	8	-9	2	-0.4794508	-
7	-1	5	-0.3749892	+	8	-8	2	0.1237937	-
7	0	5	-0.2918941	+	8	-7	2	0.3734558	-
7	1	5	-0.1863050	+	8	-6	2	0.2801195	-
7	2	5	-0.0860431	+	8	-5	2	0.0251793	-
7	-9	6	0.2100763	+	8	-4	2	-0.2139313	-
7	-8	6	0.3501272	+	8	-3	2	-0.3242619	-
7	-7	6	0.4412486	+	8	-2	2	-0.2720637	-
7	-6	6	0.4766029	+	8	-1	2	-0.0933448	-
7	-5	6	0.4604422	+	8	0	2	0.1293638	-
7	-4	6	0.4044110	+	8	1	2	0.2975509	-
7	-3	6	0.3237879	+	8	2	2	0.3296088	-
7	-2	6	0.2343405	+	8	3	2	0.1915271	-
7	-1	6	0.1498847	+	8	4	2	-0.0794370	-
7	0	6	0.0805606	+	8	5	2	-0.3640262	-
7	1	6	0.0317735	+	8	6	2	-0.4699558	-
8	-8	0	0.4631935	-	8	-9	3	-0.5252121	-
8	-7	0	-0.1588741	-	8	-8	3	-0.2292213	-
8	-6	0	-0.3768029	-	8	-7	3	0.1253839	-
8	-5	0	-0.2401950	-	8	-6	3	0.3291264	-
8	-4	0	0.0348354	-	8	-5	3	0.3324058	-
8	-3	0	0.2566427	-	8	-4	3	0.1789877	-
8	-2	0	0.3195685	-	8	-3	3	-0.0429915	-
8	-1	0	0.2125555	-	8	-2	3	-0.2388142	-
8	0	0	0.0000000	-	8	-1	3	-0.3347052	-
8	1	0	-0.2125555	-	8	0	3	-0.2953100	-
8	2	0	-0.3195685	-	8	1	3	-0.1311974	-
8	3	0	-0.2566427	-	8	2	3	0.1035780	-
8	4	0	-0.0348354	-	8	3	3	0.3238010	-
8	5	0	0.2401950	-	8	4	3	0.4350945	-
8	6	0	0.3768029	-	8	5	3	0.3640262	-
8	7	0	0.1588741	-	8	-9	4	-0.4438852	-
8	8	0	-0.4631935	-	8	-8	4	-0.4352653	-
8	-9	1	-0.3032313	-	8	-7	4	-0.2389960	-
8	-8	1	0.4288339	-	8	-6	4	0.0180805	-
8	-7	1	0.2685462	-	8	-5	4	0.2343500	-
8	-6	1	-0.0897150	-	8	-4	4	0.3466083	-
8	-5	1	-0.3122367	-	8	-3	4	0.3330105	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					9	7	0	-0.2983693	+
					9	8	0	-0.4316833	+
8	-2	4	0.2084541	-	9	9	0	0.3237625	+
8	-1	4	0.0150439	-	9	-9	1	0.4945553	+
8	0	4	-0.1903908	-	9	-8	1	-0.1199473	+
8	1	4	-0.3501272	-	9	-7	1	-0.3800496	+
8	2	4	-0.4192676	-	9	-6	1	-0.2921245	+
8	3	4	-0.3777679	-	9	-5	1	-0.0368802	+
8	4	4	-0.2383111	-	9	-4	1	0.2072973	+
8	-9	5	-0.2887223	-	9	-3	1	0.3256189	+
8	-8	5	-0.4217059	-	9	-2	1	0.2820347	+
8	-7	5	-0.4406599	-	9	-1	1	0.1100855	+
8	-6	5	-0.3547649	-	9	0	1	-0.1100855	+
8	-5	5	-0.1943127	-	9	1	1	-0.2820347	+
8	-4	5	0.0000000	-	9	2	1	-0.3256189	+
8	-3	5	0.1866896	-	9	3	1	-0.2072973	+
8	-2	5	0.3309653	-	9	4	1	0.0368802	+
8	-1	5	0.4099285	-	9	5	1	0.2921245	+
8	0	5	0.4154581	-	9	6	1	0.3800496	+
8	1	5	0.3547649	-	9	7	1	0.1199473	+
8	2	5	0.2485657	-	9	8	1	-0.4945553	+
8	3	5	0.1265634	-	9	-9	2	0.5364206	+
8	-9	6	-0.1291205	-	9	-8	2	0.2189928	+
8	-8	6	-0.2472470	-	9	-7	2	-0.1454575	+
8	-7	6	-0.3547649	-	9	-6	2	-0.3412756	+
8	-6	6	-0.4344965	-	9	-5	2	-0.3257290	+
8	-5	6	-0.4759670	-	9	-4	2	-0.1542998	+
8	-4	6	-0.4759670	-	9	-3	2	0.0742638	+
8	-3	6	-0.4378260	-	9	-2	2	0.2597688	+
8	-2	6	-0.3700305	-	9	-1	2	0.3302566	+
8	-1	6	-0.2844447	-	9	0	2	0.2597688	+
8	0	6	-0.1943127	-	9	1	2	0.0742638	+
8	1	6	-0.1121865	-	9	2	2	-0.1542998	+
8	2	6	-0.0478365	-	9	3	2	-0.3257290	+
9	-9	0	0.3237625	+	9	4	2	-0.3412756	+
9	-8	0	-0.4316833	+	9	5	2	-0.1454575	+
9	-7	0	-0.2983693	+	9	6	2	0.2189928	+
9	-6	0	0.0571346	+	9	7	2	0.5364206	+
9	-5	0	0.3015435	+	9	-9	3	0.4645538	+
9	-4	0	0.3301107	+	9	-8	3	0.4240777	+
9	-3	0	0.1779961	+	9	-7	3	0.1912404	+
9	-2	0	-0.0522513	+	9	-6	3	-0.0818298	+
9	-1	0	-0.2470947	+	9	-5	3	-0.2823985	+
9	0	0	-0.3222975	+	9	-4	3	-0.3505567	+
9	1	0	-0.2470947	+	9	-3	3	-0.2793820	+
9	2	0	-0.0522513	+	9	-2	3	-0.1056164	+
9	3	0	0.1779961	+	9	-1	3	0.1056164	+
9	4	0	0.3301107	+	9	0	3	0.2793820	+
9	5	0	0.3015435	+	9	1	3	0.3505567	+
9	6	0	0.0571346	+	9	2	3	0.2823985	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					10	-7	0	0.3752270	-
					10	-6	0	0.3340749	-
9	3	3	0.0818298	+	10	-5	0	0.1052680	-
9	4	3	-0.1912404	+	10	-4	0	-0.1483692	-
9	5	3	-0.4240777	+	10	-3	0	-0.3093894	-
9	6	3	-0.4645538	+	10	-2	0	-0.3246359	-
9	-9	4	0.3284892	+	10	-1	0	-0.2028734	-
9	-8	4	0.4441984	+	10	0	0	0.0000000	-
9	-7	4	0.4118733	+	10	1	0	0.2028734	-
9	-6	4	0.2624443	+	10	2	0	0.3246359	-
9	-5	4	0.0518211	+	10	3	0	0.3093894	-
9	-4	4	-0.1566921	+	10	4	0	0.1483692	-
9	-3	4	-0.3071737	+	10	5	0	-0.1052680	-
9	-2	4	-0.3617780	+	10	6	0	-0.3340749	-
9	-1	4	-0.3071737	+	10	7	0	-0.3752270	-
9	0	4	-0.1566921	+	10	8	0	-0.0799898	-
9	1	4	0.0518211	+	10	9	0	0.5230009	-
9	2	4	0.2624443	+	10	-9	1	-0.5498387	-
9	3	4	0.4118733	+	10	-8	1	-0.2469052	-
9	4	4	0.4441984	+	10	-7	1	0.1203046	-
9	5	4	0.3284892	+	10	-6	1	0.3352478	-
9	-9	5	0.1841549	+	10	-5	1	0.3456404	-
9	-8	5	0.3243723	+	10	-4	1	0.1949890	-
9	-7	5	0.4171515	+	10	-3	1	-0.0277481	-
9	-6	5	0.4393089	+	10	-2	1	-0.2269176	-
9	-5	5	0.3843152	+	10	-1	1	-0.3283196	-
9	-4	5	0.2614635	+	10	0	1	-0.2969763	-
9	-3	5	0.0925729	+	10	1	1	-0.1445872	-
9	-2	5	-0.0925729	+	10	2	1	0.0733016	-
9	-1	5	-0.2614635	+	10	3	1	0.2704070	-
9	0	5	-0.3843152	+	10	4	1	0.3530907	-
9	1	5	-0.4393089	+	10	5	1	0.2540121	-
9	2	5	-0.4171515	+	10	6	1	-0.0239483	-
9	3	5	-0.3243723	+	10	7	1	-0.3534978	-
9	4	5	-0.1841549	+	10	8	1	-0.4184699	-
9	-9	6	0.0722315	+	10	9	1	0.3609049	-
9	-8	6	0.1560379	+	10	-9	2	-0.4732258	-
9	-7	6	0.2510337	+	10	-8	2	-0.4328403	-
9	-6	6	0.3437420	+	10	-7	2	-0.1971092	-
9	-5	6	0.4209963	+	10	-6	2	0.0795503	-
9	-4	6	0.4720310	+	10	-5	2	0.2830666	-
9	-3	6	0.4898498	+	10	-4	2	0.3531585	-
9	-2	6	0.4720310	+	10	-3	2	0.2832400	-
9	-1	6	0.4209963	+	10	-2	2	0.1106765	-
9	0	6	0.3437420	+	10	-1	2	-0.0989921	-
9	1	6	0.2510337	+	10	0	2	-0.2711010	-
9	2	6	0.1560379	+	10	1	2	-0.3418637	-
9	3	6	0.0722315	+	10	2	2	-0.2771218	-
10	-9	0	-0.5230009	-	10	3	2	-0.0874538	-
10	-8	0	0.0799898	-	10	4	2	0.1633191	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 9					10	2	5	0.4303157	-
					10	3	5	0.4667920	-
10	5	2	0.3605219	-	10	4	5	0.4108072	-
10	6	2	0.3594120	-	10	5	5	0.2650172	-
10	7	2	0.0412631	-	10	-9	6	-0.0364795	-
10	8	2	-0.5380053	-	10	-8	6	-0.0876857	-
10	-9	3	-0.3443223	-	10	-7	6	-0.1562793	-
10	-8	3	-0.4536845	-	10	-6	6	-0.2365795	-
10	-7	3	-0.4035138	-	10	-5	6	-0.3203301	-
10	-6	3	-0.2341860	-	10	-4	6	-0.3978878	-
10	-5	3	-0.0113353	-	10	-3	6	-0.4594413	-
10	-4	3	0.1947703	-	10	-2	6	-0.4962533	-
10	-3	3	0.3260466	-	10	-1	6	-0.5018609	-
10	-2	3	0.3482356	-	10	0	6	-0.4731589	-
10	-1	3	0.2571890	-	10	1	6	-0.4112825	-
10	0	3	0.0797509	-	10	2	6	-0.3221779	-
10	1	3	-0.1307742	-	10	3	6	-0.2166945	-
10	2	3	-0.3045802	-	10	4	6	-0.1097275	-
10	3	3	-0.3707676	-					
10	4	3	-0.2782631	-	J1 = 19/2				
10	5	3	-0.0224516	-					
10	6	3	0.3216142	-	7/2	-7/2	0	0.1167146	+
10	7	3	0.5536029	-	7/2	-5/2	0	0.2265956	+
10	-9	4	-0.2108535	-	7/2	-3/2	0	0.3204545	+
10	-8	4	-0.3562314	-	7/2	-1/2	0	0.3742103	+
10	-7	4	-0.4330831	-	7/2	1/2	0	0.3742103	+
10	-6	4	-0.4200001	-	7/2	3/2	0	0.3204545	+
10	-5	4	-0.3190238	-	7/2	5/2	0	0.2265956	+
10	-4	4	-0.1527775	-	7/2	7/2	0	0.1167146	+
10	-3	4	0.0416221	-	7/2	-9/2	1	-0.1650593	+
10	-2	4	0.2202435	-	7/2	-7/2	1	-0.2858911	+
10	-1	4	0.3407272	-	7/2	-5/2	1	-0.3633613	+
10	0	4	0.3706488	-	7/2	-3/2	1	-0.3830164	+
10	1	4	0.2951463	-	7/2	-1/2	1	-0.3464514	+
10	2	4	0.1230355	-	7/2	1/2	1	-0.2683601	+
10	3	4	-0.1095217	-	7/2	3/2	1	-0.1712902	+
10	4	4	-0.3390338	-	7/2	5/2	1	-0.0792919	+
10	5	4	-0.4800996	-	7/2	-11/2	2	0.2260168	+
10	6	4	-0.4376615	-	7/2	-9/2	2	0.3452464	+
10	-9	5	-0.1042488	-	7/2	-7/2	2	0.3914726	+
10	-8	5	-0.2134618	-	7/2	-5/2	2	0.3708541	+
10	-7	5	-0.3212407	-	7/2	-3/2	2	0.3028011	+
10	-6	5	-0.4037214	-	7/2	-1/2	2	0.2121573	+
10	-5	5	-0.4408398	-	7/2	1/2	2	0.1224891	+
10	-4	5	-0.4199927	-	7/2	3/2	2	0.0511827	+
10	-3	5	-0.3381396	-	7/2	-13/2	3	-0.3013557	+
10	-2	5	-0.2025946	-	7/2	-11/2	3	-0.3986562	+
10	-1	5	-0.0305423	-	7/2	-9/2	3	-0.3986562	+
10	0	5	0.1527114	-	7/2	-7/2	3	-0.3369259	+
10	1	5	0.3167509	-	7/2	-5/2	3	-0.2472361	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					9/2	-11/2	2	0.3820381	-
					9/2	-9/2	2	0.2205698	-
7/2	-3/2	3	-0.1563658	+	9/2	-7/2	2	0.0000000	-
7/2	-1/2	3	-0.0816594	+	9/2	-5/2	2	-0.1982298	-
7/2	1/2	3	-0.0308643	+	9/2	-3/2	2	-0.3237080	-
7/2	-15/2	4	0.3929198	+	9/2	-1/2	2	-0.3586113	-
7/2	-13/2	4	0.4367059	+	9/2	1/2	2	-0.3130216	-
7/2	-11/2	4	0.3781984	+	9/2	3/2	2	-0.2162865	-
7/2	-9/2	4	0.2818925	+	9/2	5/2	2	-0.1059583	-
7/2	-7/2	4	0.1845419	+	9/2	-15/2	3	-0.4547163	-
7/2	-5/2	4	0.1048934	+	9/2	-13/2	3	-0.3183651	-
7/2	-3/2	4	0.0494472	+	9/2	-11/2	3	-0.0636730	-
7/2	-1/2	4	0.0169051	+	9/2	-9/2	3	0.1684630	-
7/2	-17/2	5	-0.5026247	+	9/2	-7/2	3	0.3151654	-
7/2	-15/2	5	-0.4432733	+	9/2	-5/2	3	0.3634214	-
7/2	-13/2	5	-0.3225287	+	9/2	-3/2	3	0.3303831	-
7/2	-11/2	5	-0.2081914	+	9/2	-1/2	3	0.2478088	-
7/2	-9/2	5	-0.1201994	+	9/2	1/2	3	0.1499895	-
7/2	-7/2	5	-0.0609522	+	9/2	3/2	3	0.0648859	-
7/2	-5/2	5	-0.0258230	+	9/2	-17/2	4	0.4981168	-
7/2	-3/2	5	-0.0079691	+	9/2	-15/2	4	0.1660389	-
7/2	-19/2	6	0.6324555	+	9/2	-13/2	4	-0.1395006	-
7/2	-17/2	6	0.3838859	+	9/2	-11/2	4	-0.3196360	-
7/2	-15/2	6	0.2216367	+	9/2	-9/2	4	-0.3766947	-
7/2	-13/2	6	0.1201994	+	9/2	-7/2	4	-0.3452464	-
7/2	-11/2	6	0.0600997	+	9/2	-5/2	4	-0.2659532	-
7/2	-9/2	6	0.0268774	+	9/2	-3/2	4	-0.1737487	-
7/2	-7/2	6	0.0101587	+	9/2	-1/2	4	-0.0928682	-
7/2	-5/2	6	0.0028175	+	9/2	1/2	4	-0.0357185	-
9/2	-9/2	0	0.2260168	-	9/2	-19/2	5	-0.4629100	-
9/2	-7/2	0	0.3452464	-	9/2	-17/2	5	0.1061988	-
9/2	-5/2	0	0.3619165	-	9/2	-15/2	5	0.3539962	-
9/2	-3/2	0	0.2708335	-	9/2	-13/2	5	0.4088798	-
9/2	-1/2	0	0.1000119	-	9/2	-11/2	5	0.3616697	-
9/2	1/2	0	-0.1000119	-	9/2	-9/2	5	0.2730593	-
9/2	3/2	0	-0.2708335	-	9/2	-7/2	5	0.1802990	-
9/2	5/2	0	-0.3619165	-	9/2	-5/2	5	0.1031105	-
9/2	7/2	0	-0.3452464	-	9/2	-3/2	5	0.0488299	-
9/2	9/2	0	-0.2260168	-	9/2	-1/2	5	0.0167535	-
9/2	-11/2	1	-0.3020276	-	9/2	-19/2	6	-0.5345225	-
9/2	-9/2	1	-0.3836266	-	9/2	-17/2	6	-0.4905115	-
9/2	-7/2	1	-0.3196360	-	9/2	-15/2	6	-0.3746343	-
9/2	-5/2	1	-0.1535482	-	9/2	-13/2	6	-0.2569970	-
9/2	-3/2	1	0.0511827	-	9/2	-11/2	6	-0.1606231	-
9/2	-1/2	1	0.2314826	-	9/2	-9/2	6	-0.0908622	-
9/2	1/2	1	0.3402085	-	9/2	-7/2	6	-0.0454311	-
9/2	3/2	1	0.3556581	-	9/2	-5/2	6	-0.0190499	-
9/2	5/2	1	0.2848092	-	9/2	-3/2	6	-0.0058328	-
9/2	7/2	1	0.1598180	-	11/2	-11/2	0	0.3407331	+
9/2	-13/2	2	0.3820381	-	11/2	-9/2	0	0.3914726	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					11/2	-15/2	4	-0.3858396	+
					11/2	-13/2	4	-0.2183530	+
11/2	-7/2	0	0.2674267	+	11/2	-11/2	4	0.0220570	+
11/2	-5/2	0	0.0485562	+	11/2	-9/2	4	0.2260168	+
11/2	-3/2	0	-0.1682036	+	11/2	-7/2	4	0.3452464	+
11/2	-1/2	0	-0.3000357	+	11/2	-5/2	4	0.3731678	+
11/2	1/2	0	-0.3000357	+	11/2	-3/2	4	0.3284708	+
11/2	3/2	0	-0.1682036	+	11/2	-1/2	4	0.2416292	+
11/2	5/2	0	0.0485562	+	11/2	1/2	4	0.1443548	+
11/2	7/2	0	0.2674267	+	11/2	3/2	4	0.0618663	+
11/2	9/2	0	0.3914726	+	11/2	-19/2	5	0.5345225	+
11/2	11/2	0	0.3407331	+	11/2	-17/2	5	0.2193634	+
11/2	-13/2	1	-0.4206101	+	11/2	-15/2	5	-0.0949871	+
11/2	-11/2	1	-0.3487515	+	11/2	-13/2	5	-0.3009641	+
11/2	-9/2	1	-0.1080567	+	11/2	-11/2	5	-0.3894904	+
11/2	-7/2	1	0.1429456	+	11/2	-9/2	5	-0.3854955	+
11/2	-5/2	1	0.2966833	+	11/2	-7/2	5	-0.3234872	+
11/2	-3/2	1	0.3070964	+	11/2	-5/2	5	-0.2360957	+
11/2	-1/2	1	0.1851861	+	11/2	-3/2	5	-0.1486853	+
11/2	1/2	1	-0.0156511	+	11/2	-1/2	5	-0.0773810	+
11/2	3/2	1	-0.2202302	+	11/2	1/2	5	-0.0291641	+
11/2	5/2	1	-0.3547098	+	11/2	-19/2	6	0.4140393	+
11/2	7/2	1	-0.3690839	+	11/2	-17/2	6	0.4935676	+
11/2	9/2	1	-0.2549813	+	11/2	-15/2	6	0.4653400	+
11/2	-15/2	2	0.4749357	+	11/2	-13/2	6	0.3854955	+
11/2	-13/2	2	0.2205698	+	11/2	-11/2	6	0.2891217	+
11/2	-11/2	2	-0.0986418	+	11/2	-9/2	6	0.1975077	+
11/2	-9/2	2	-0.2959254	+	11/2	-7/2	6	0.1219044	+
11/2	-7/2	2	-0.3196360	+	11/2	-5/2	6	0.0664019	+
11/2	-5/2	2	-0.1982298	+	11/2	-3/2	6	0.0303082	+
11/2	-3/2	2	0.0000000	+	11/2	-1/2	6	0.0101027	+
11/2	-1/2	2	0.1979722	+	13/2	-13/2	0	0.4427061	-
11/2	1/2	2	0.3324703	+	13/2	-11/2	0	0.3376576	-
11/2	3/2	2	0.3685765	+	13/2	-9/2	0	0.0651164	-
11/2	5/2	2	0.3058753	+	13/2	-7/2	0	-0.1904646	-
11/2	7/2	2	0.1759538	+	13/2	-5/2	0	-0.3156920	-
11/2	-17/2	3	-0.4749357	+	13/2	-3/2	0	-0.2766586	-
11/2	-15/2	3	0.0000000	+	13/2	-1/2	0	-0.1083602	-
11/2	-13/2	3	0.2959254	+	13/2	1/2	0	0.1083602	-
11/2	-11/2	3	0.3417053	+	13/2	3/2	0	0.2766586	-
11/2	-9/2	3	0.2092509	+	13/2	5/2	0	0.3156920	-
11/2	-7/2	3	0.0000000	+	13/2	7/2	0	0.1904646	-
11/2	-5/2	3	-0.1982298	+	13/2	9/2	0	-0.0651164	-
11/2	-3/2	3	-0.3282998	+	13/2	11/2	0	-0.3376576	-
11/2	-1/2	3	-0.3674672	+	13/2	13/2	0	-0.4427061	-
11/2	1/2	3	-0.3232873	+	13/2	-15/2	1	-0.4878384	-
11/2	3/2	3	-0.2247715	+	13/2	-13/2	1	-0.1705146	-
11/2	5/2	3	-0.1106698	+	13/2	-11/2	1	0.1682298	-
11/2	-19/2	4	0.3779645	+	13/2	-9/2	1	0.3270771	-
11/2	-17/2	4	-0.2875878	+	13/2	-7/2	1	0.2788116	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					13/2	3/2	4	-0.2062175	-
					13/2	5/2	4	-0.0984467	-
13/2	-5/2	1	0.0914962	-	13/2	-19/2	5	-0.4890096	-
13/2	-3/2	1	-0.1293952	-	13/2	-17/2	5	-0.4101124	-
13/2	-1/2	1	-0.2842457	-	13/2	-15/2	5	-0.1852699	-
13/2	1/2	1	-0.3089117	-	13/2	-13/2	5	0.0580103	-
13/2	3/2	1	-0.1909125	-	13/2	-11/2	5	0.2511918	-
13/2	5/2	1	0.0277275	-	13/2	-9/2	5	0.3654646	-
13/2	7/2	1	0.2609172	-	13/2	-7/2	5	0.3990499	-
13/2	9/2	1	0.4019906	-	13/2	-5/2	5	0.3669597	-
13/2	11/2	1	0.3586329	-	13/2	-3/2	5	0.2926059	-
13/2	-17/2	2	0.4628041	-	13/2	-1/2	5	0.2011144	-
13/2	-15/2	2	-0.0855725	-	13/2	1/2	5	0.1142896	-
13/2	-13/2	2	-0.3448758	-	13/2	3/2	5	0.0471278	-
13/2	-11/2	2	-0.2950664	-	13/2	-19/2	6	-0.2948839	-
13/2	-9/2	2	-0.0769593	-	13/2	-17/2	6	-0.4278625	-
13/2	-7/2	2	0.1577196	-	13/2	-15/2	6	-0.4783649	-
13/2	-5/2	2	0.3006873	-	13/2	-13/2	6	-0.4640821	-
13/2	-3/2	2	0.3039649	-	13/2	-11/2	6	-0.4060718	-
13/2	-1/2	2	0.1770567	-	13/2	-9/2	6	-0.3248575	-
13/2	1/2	2	-0.0273042	-	13/2	-7/2	6	-0.2377713	-
13/2	3/2	2	-0.2338679	-	13/2	-5/2	6	-0.1576408	-
13/2	5/2	2	-0.3683594	-	13/2	-3/2	6	-0.0924251	-
13/2	7/2	2	-0.3804341	-	13/2	-1/2	6	-0.0455070	-
13/2	9/2	2	-0.2619085	-	13/2	1/2	6	-0.0164078	-
13/2	-19/2	3	-0.3362194	-	15/2	-15/2	0	0.5024039	+
13/2	-17/2	3	0.3636832	-	15/2	-13/2	0	0.1634801	+
13/2	-15/2	3	0.3406146	-	15/2	-11/2	0	-0.1853690	+
13/2	-13/2	3	0.0632285	-	15/2	-9/2	0	-0.3370349	+
13/2	-11/2	3	-0.1999461	-	15/2	-7/2	0	-0.2720473	+
13/2	-9/2	3	-0.3269639	-	15/2	-5/2	0	-0.0704991	+
13/2	-7/2	3	-0.2959433	-	15/2	-3/2	0	0.1523408	+
13/2	-5/2	3	-0.1455708	-	15/2	-1/2	0	0.2934407	+
13/2	-3/2	3	0.0573731	-	15/2	1/2	0	0.2934407	+
13/2	-1/2	3	0.2434624	-	15/2	3/2	0	0.1523408	+
13/2	1/2	3	0.3590448	-	15/2	5/2	0	-0.0704991	+
13/2	3/2	3	0.3776169	-	15/2	7/2	0	-0.2720473	+
13/2	5/2	3	0.3040875	-	15/2	9/2	0	-0.3370349	+
13/2	7/2	3	0.1714593	-	15/2	11/2	0	-0.1853690	+
13/2	-19/2	4	-0.5107539	-	15/2	13/2	0	0.1634801	+
13/2	-17/2	4	-0.0478365	-	15/2	15/2	0	0.5024039	+
13/2	-15/2	4	0.2747997	-	15/2	-17/2	1	-0.4651356	+
13/2	-13/2	4	0.3650501	-	15/2	-15/2	1	0.1200975	+
13/2	-11/2	4	0.2720922	-	15/2	-13/2	1	0.3623053	+
13/2	-9/2	4	0.0816277	-	15/2	-11/2	1	0.2717558	+
13/2	-7/2	4	-0.1246883	-	15/2	-9/2	1	0.0244275	+
13/2	-5/2	4	-0.2867663	-	15/2	-7/2	1	-0.2075438	+
13/2	-3/2	4	-0.3720040	-	15/2	-5/2	1	-0.3145803	+
13/2	-1/2	4	-0.3743970	-	15/2	-3/2	1	-0.2639406	+
13/2	1/2	4	-0.3094057	-	15/2	-1/2	1	-0.0905578	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					15/2	1/2	4	0.3962246	+
					15/2	3/2	4	0.3720982	+
15/2	1/2	1	0.1255013	+	15/2	5/2	4	0.2787128	+
15/2	3/2	1	0.2886668	+	15/2	7/2	4	0.1492362	+
15/2	5/2	1	0.3197675	+	15/2	-19/2	5	0.3860937	+
15/2	7/2	1	0.1858085	+	15/2	-17/2	5	0.4602542	+
15/2	9/2	1	-0.0770652	+	15/2	-15/2	5	0.3792596	+
15/2	11/2	1	-0.3531573	+	15/2	-13/2	5	0.2056824	+
15/2	13/2	1	-0.4559241	+	15/2	-11/2	5	0.0000000	+
15/2	-19/2	2	0.3205726	+	15/2	-9/2	5	-0.1885110	+
15/2	-17/2	2	-0.3987707	+	15/2	-7/2	5	-0.3265107	+
15/2	-15/2	2	-0.3086195	+	15/2	-5/2	5	-0.3976890	+
15/2	-13/2	2	0.0140009	+	15/2	-3/2	5	-0.4013544	+
15/2	-11/2	2	0.2642449	+	15/2	-1/2	5	-0.3493342	+
15/2	-9/2	2	0.3294033	+	15/2	1/2	5	-0.2617910	+
15/2	-7/2	2	0.2202965	+	15/2	3/2	5	-0.1624287	+
15/2	-5/2	2	0.0140998	+	15/2	5/2	5	-0.0733778	+
15/2	-3/2	2	-0.1913946	+	15/2	-19/2	6	0.1930468	+
15/2	-1/2	2	-0.3120840	+	15/2	-17/2	6	0.3284485	+
15/2	1/2	2	-0.3004274	+	15/2	-15/2	6	0.4240251	+
15/2	3/2	2	-0.1568898	+	15/2	-13/2	6	0.4712776	+
15/2	5/2	2	0.0700308	+	15/2	-11/2	6	0.4712776	+
15/2	7/2	2	0.2951494	+	15/2	-9/2	6	0.4319330	+
15/2	9/2	2	0.4191031	+	15/2	-7/2	6	0.3650501	+
15/2	11/2	2	0.3604397	+	15/2	-5/2	6	0.2838004	+
15/2	-19/2	3	0.4966290	+	15/2	-3/2	6	0.2006772	+
15/2	-17/2	3	-0.0430632	+	15/2	-1/2	6	0.1259542	+
15/2	-15/2	3	-0.3378858	+	15/2	1/2	6	0.0666487	+
15/2	-13/2	3	-0.3361596	+	15/2	3/2	6	0.0259430	+
15/2	-11/2	3	-0.1488374	+	17/2	-17/2	0	0.4813648	-
15/2	-9/2	3	0.0887495	+	17/2	-15/2	0	-0.1167481	-
15/2	-7/2	3	0.2690075	+	17/2	-13/2	0	-0.3699132	-
15/2	-5/2	3	0.3313459	+	17/2	-11/2	0	-0.2843331	-
15/2	-3/2	3	0.2643415	+	17/2	-9/2	0	-0.0358965	-
15/2	-1/2	3	0.0978136	+	17/2	-7/2	0	0.2017684	-
15/2	1/2	3	-0.1111659	+	17/2	-5/2	0	0.3169342	-
15/2	3/2	3	-0.2955205	+	17/2	-3/2	0	0.2745124	-
15/2	5/2	3	-0.3963673	+	17/2	-1/2	0	0.1071494	-
15/2	7/2	3	-0.3798933	+	17/2	1/2	0	-0.1071494	-
15/2	9/2	3	-0.2497199	+	17/2	3/2	0	-0.2745124	-
15/2	-19/2	4	0.5140598	+	17/2	5/2	0	-0.3169342	-
15/2	-17/2	4	0.3210358	+	17/2	7/2	0	-0.2017684	-
15/2	-15/2	4	0.0109029	+	17/2	9/2	0	0.0358965	-
15/2	-13/2	4	-0.2377713	+	17/2	11/2	0	0.2843331	-
15/2	-11/2	4	-0.3508131	+	17/2	13/2	0	0.3699132	-
15/2	-9/2	4	-0.3215255	+	17/2	15/2	0	0.1167481	-
15/2	-7/2	4	-0.1841769	+	17/2	17/2	0	-0.4813648	-
15/2	-5/2	4	0.0072974	+	17/2	-19/2	1	-0.3237625	-
15/2	-3/2	4	0.1961482	+	17/2	-17/2	1	0.4143364	-
15/2	-1/2	4	0.3354005	+	17/2	-15/2	1	0.3057183	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					17/2	-19/2	4	-0.4300933	-
					17/2	-17/2	4	-0.4483021	-
17/2	-13/2	1	-0.0319080	-	17/2	-15/2	4	-0.2845669	-
17/2	-11/2	1	-0.2803509	-	17/2	-13/2	4	-0.0459889	-
17/2	-9/2	1	-0.3300001	-	17/2	-11/2	4	0.1761985	-
17/2	-7/2	1	-0.2023377	-	17/2	-9/2	4	0.3191935	-
17/2	-5/2	1	0.0141072	-	17/2	-7/2	4	0.3530724	-
17/2	-3/2	1	0.2143568	-	17/2	-5/2	4	0.2790243	-
17/2	-1/2	1	0.3141367	-	17/2	-3/2	4	0.1234332	-
17/2	1/2	1	0.2735784	-	17/2	-1/2	4	-0.0706921	-
17/2	3/2	1	0.1074679	-	17/2	1/2	4	-0.2537680	-
17/2	5/2	1	-0.1179693	-	17/2	3/2	4	-0.3801542	-
17/2	7/2	1	-0.3017720	-	17/2	5/2	4	-0.4181518	-
17/2	9/2	1	-0.3385064	-	17/2	7/2	4	-0.3583534	-
17/2	11/2	1	-0.1623179	-	17/2	9/2	4	-0.2184157	-
17/2	13/2	1	0.1942365	-	17/2	-19/2	5	-0.2695752	-
17/2	15/2	1	0.5199334	-	17/2	-17/2	5	-0.4065579	-
17/2	-19/2	2	-0.4966290	-	17/2	-15/2	5	-0.4447801	-
17/2	-17/2	2	0.0805639	-	17/2	-13/2	5	-0.3865626	-
17/2	-15/2	2	0.3602925	-	17/2	-11/2	5	-0.2533528	-
17/2	-13/2	2	0.3168648	-	17/2	-9/2	5	-0.0774388	-
17/2	-11/2	2	0.0944926	-	17/2	-7/2	5	0.1058016	-
17/2	-9/2	2	-0.1495264	-	17/2	-5/2	5	0.2641632	-
17/2	-7/2	2	-0.3020101	-	17/2	-3/2	5	0.3732596	-
17/2	-5/2	2	-0.3121295	-	17/2	-1/2	5	0.4195240	-
17/2	-3/2	2	-0.1891690	-	17/2	1/2	5	0.4015551	-
17/2	-1/2	2	0.0116910	-	17/2	3/2	5	0.3297964	-
17/2	1/2	2	0.2105047	-	17/2	5/2	5	0.2245110	-
17/2	3/2	2	0.3269405	-	17/2	7/2	5	0.1117778	-
17/2	5/2	2	0.3047839	-	17/2	-19/2	6	-0.1158281	-
17/2	7/2	2	0.1334809	-	17/2	-17/2	6	-0.2254776	-
17/2	9/2	2	-0.1367772	-	17/2	-15/2	6	-0.3297596	-
17/2	11/2	2	-0.3908735	-	17/2	-13/2	6	-0.4130070	-
17/2	13/2	2	-0.4604608	-	17/2	-11/2	6	-0.4646329	-
17/2	-19/2	3	-0.5267545	-	17/2	-9/2	6	-0.4798708	-
17/2	-17/2	3	-0.2702194	-	17/2	-7/2	6	-0.4594413	-
17/2	-15/2	3	0.0722192	-	17/2	-5/2	6	-0.4086726	-
17/2	-13/2	3	0.2997841	-	17/2	-3/2	6	-0.3362766	-
17/2	-11/2	3	0.3494555	-	17/2	-1/2	6	-0.2529141	-
17/2	-9/2	3	0.2426466	-	17/2	1/2	6	-0.1696599	-
17/2	-7/2	3	0.0460442	-	17/2	3/2	6	-0.0964577	-
17/2	-5/2	3	-0.1592826	-	17/2	5/2	6	-0.0405906	-
17/2	-3/2	3	-0.3013838	-	19/2	-19/2	0	0.3432890	+
17/2	-1/2	3	-0.3337432	-	19/2	-17/2	0	-0.4155604	+
17/2	1/2	3	-0.2444709	-	19/2	-15/2	0	-0.3312438	+
17/2	3/2	3	-0.0583970	-	19/2	-13/2	0	0.0010628	+
17/2	5/2	3	0.1679112	-	19/2	-11/2	0	0.2651722	+
17/2	7/2	3	0.3581669	-	19/2	-9/2	0	0.3420491	+
17/2	9/2	3	0.4352225	-	19/2	-7/2	0	0.2396646	+
17/2	11/2	3	0.3453456	-	19/2	-5/2	0	0.0345415	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					19/2	15/2	2	0.5380053	+
					19/2	-19/2	3	0.4520148	+
19/2	-3/2	0	-0.1750101	+	19/2	-17/2	3	0.4407221	+
19/2	-1/2	0	-0.3039649	+	19/2	-15/2	3	0.2394833	+
19/2	1/2	0	-0.3039649	+	19/2	-13/2	3	-0.0205813	+
19/2	3/2	0	-0.1750101	+	19/2	-11/2	3	-0.2355998	+
19/2	5/2	0	0.0345415	+	19/2	-9/2	3	-0.3424437	+
19/2	7/2	0	0.2396646	+	19/2	-7/2	3	-0.3215255	+
19/2	9/2	0	0.3420491	+	19/2	-5/2	3	-0.1916974	+
19/2	11/2	0	0.2651722	+	19/2	-3/2	3	0.0000000	+
19/2	13/2	0	0.0010628	+	19/2	-1/2	3	0.1916974	+
19/2	15/2	0	-0.3312438	+	19/2	1/2	3	0.3215255	+
19/2	17/2	0	-0.4155604	+	19/2	3/2	3	0.3424437	+
19/2	19/2	0	0.3432890	+	19/2	5/2	3	0.2355998	+
19/2	-19/2	1	0.5103966	+	19/2	7/2	3	0.0205813	+
19/2	-17/2	1	-0.0780620	+	19/2	9/2	3	-0.2394833	+
19/2	-15/2	1	-0.3661841	+	19/2	11/2	3	-0.4407221	+
19/2	-13/2	1	-0.3260237	+	19/2	13/2	3	-0.4520148	+
19/2	-11/2	1	-0.1027311	+	19/2	-19/2	4	0.3094734	+
19/2	-9/2	1	0.1447935	+	19/2	-17/2	4	0.4345020	+
19/2	-7/2	1	0.3019331	+	19/2	-15/2	4	0.4275670	+
19/2	-5/2	1	0.3168122	+	19/2	-13/2	4	0.3082702	+
19/2	-3/2	1	0.1979842	+	19/2	-11/2	4	0.1199973	+
19/2	-1/2	1	0.0000000	+	19/2	-9/2	4	-0.0840649	+
19/2	1/2	1	-0.1979842	+	19/2	-7/2	4	-0.2531535	+
19/2	3/2	1	-0.3168122	+	19/2	-5/2	4	-0.3482356	+
19/2	5/2	1	-0.3019331	+	19/2	-3/2	4	-0.3482356	+
19/2	7/2	1	-0.1447935	+	19/2	-1/2	4	-0.2531535	+
19/2	9/2	1	0.1027311	+	19/2	1/2	4	-0.0840649	+
19/2	11/2	1	0.3260237	+	19/2	3/2	4	0.1199973	+
19/2	13/2	1	0.3661841	+	19/2	5/2	4	0.3082702	+
19/2	15/2	1	0.0780620	+	19/2	7/2	4	0.4275670	+
19/2	17/2	1	-0.5103966	+	19/2	9/2	4	0.4345020	+
19/2	-19/2	2	0.5380053	+	19/2	11/2	4	0.3094734	+
19/2	-17/2	2	0.2592483	+	19/2	-19/2	5	0.1676116	+
19/2	-15/2	2	-0.0950577	+	19/2	-17/2	5	0.3020787	+
19/2	-13/2	2	-0.3164806	+	19/2	-15/2	5	0.4002288	+
19/2	-11/2	2	-0.3471381	+	19/2	-13/2	5	0.4392875	+
19/2	-9/2	2	-0.2191492	+	19/2	-11/2	5	0.4097677	+
19/2	-7/2	2	-0.0100983	+	19/2	-9/2	5	0.3154393	+
19/2	-5/2	2	0.1916974	+	19/2	-7/2	5	0.1712237	+
19/2	-3/2	2	0.3130405	+	19/2	-5/2	5	0.0000000	+
19/2	-1/2	2	0.3130405	+	19/2	-3/2	5	-0.1712237	+
19/2	1/2	2	0.1916974	+	19/2	-1/2	5	-0.3154393	+
19/2	3/2	2	-0.0100983	+	19/2	1/2	5	-0.4097677	+
19/2	5/2	2	-0.2191492	+	19/2	3/2	5	-0.4392875	+
19/2	7/2	2	-0.3471381	+	19/2	5/2	5	-0.4002288	+
19/2	9/2	2	-0.3164806	+	19/2	7/2	5	-0.3020787	+
19/2	11/2	2	-0.0950577	+	19/2	9/2	5	-0.1676116	+
19/2	13/2	2	0.2592483	+	19/2	-19/2	6	0.0633512	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 19/2					4	-2	3	-0.2047309 +	
					4	-1	3	-0.1253716 +	
19/2	-17/2	6	0.1386433 +		4	0	3	-0.0638953 +	
19/2	-15/2	6	0.2264036 +		4	1	3	-0.0236930 +	
19/2	-13/2	6	0.3154393 +		4	-8	4	0.3858396 +	
19/2	-11/2	6	0.3942991 +		4	-7	4	0.4455292 +	
19/2	-9/2	6	0.4530152 +		4	-6	4	0.4043111 +	
19/2	-7/2	6	0.4842936 +		4	-5	4	0.3196360 +	
19/2	-5/2	6	0.4842936 +		4	-4	4	0.2260168 +	
19/2	-3/2	6	0.4530152 +		4	-3	4	0.1429456 +	
19/2	-1/2	6	0.3942991 +		4	-2	4	0.0792919 +	
19/2	1/2	6	0.3154393 +		4	-1	4	0.0367050 +	
19/2	3/2	6	0.2264036 +		4	0	4	0.0123733 +	
19/2	5/2	6	0.1386433 +		4	-9	5	-0.5070926 +	
19/2	7/2	6	0.0633512 +		4	-8	5	-0.4653400 +	
J1 = 10					4	-7	5	-0.3554093 +	
					4	-6	5	-0.2438088 +	
					4	-5	5	-0.1523805 +	
4	-4	0	0.1010778 +		4	-4	5	-0.0861994 +	
4	-3	0	0.2021556 +		4	-3	5	-0.0430997 +	
4	-2	0	0.2966833 +		4	-2	5	-0.0180723 +	
4	-1	0	0.3633613 +		4	-1	5	-0.0055335 +	
4	0	0	0.3873444 +		4	-10	6	0.6546537 +	
4	1	0	0.3633613 +		4	-9	6	0.4140393 +	
4	2	0	0.2966833 +		4	-8	6	0.2513123 +	
4	3	0	0.2021556 +		4	-7	6	0.1450953 +	
4	4	0	0.1010778 +		4	-6	6	0.0786889 +	
4	-5	1	-0.1479627 +		4	-5	6	0.0393445 +	
4	-4	1	-0.2646838 +		4	-4	6	0.0175954 +	
4	-3	1	-0.3501437 +		4	-3	6	0.0066504 +	
4	-2	1	-0.3884496 +		4	-2	6	0.0018445 +	
4	-1	1	-0.3761147 +		5	-5	0	0.2063242 -	
4	0	1	-0.3207517 +		5	-4	0	0.3301187 -	
4	1	1	-0.2378758 +		5	-3	0	0.3713835 -	
4	2	1	-0.1468201 +		5	-2	0	0.3171677 -	
4	3	1	-0.0661709 +		5	-1	0	0.1816807 -	
4	-6	2	0.2092509 +		5	0	0	0.0000000 -	
4	-5	2	0.3308547 +		5	1	0	-0.1816807 -	
4	-4	2	0.3914726 +		5	2	0	-0.3171677 -	
4	-3	2	0.3914726 +		5	3	0	-0.3713835 -	
4	-2	2	0.3433442 +		5	4	0	-0.3301187 -	
4	-1	2	0.2659532 +		5	5	0	-0.2063242 -	
4	0	2	0.1793056 +		5	-6	1	-0.2847544 -	
4	1	2	0.1005209 +		5	-5	1	-0.3825684 -	
4	2	2	0.0410375 +		5	-4	1	-0.3511843 -	
4	-7	3	-0.2875878 +		5	-3	1	-0.2183530 -	
4	-6	3	-0.3945673 +		5	-2	1	-0.0323708 -	
4	-5	3	-0.4126483 +		5	-1	1	0.1535482 -	
4	-4	3	-0.3690839 +		5	0	1	0.2940224 -	
4	-3	3	-0.2917864 +		5	1	1	0.3602582 -	

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					5	-9	6	-0.5070926	-
					5	-8	6	-0.4029963	-
5	2	1	0.3446497	-	5	-7	6	-0.2901905	-
5	3	1	0.2611370	-	5	-6	6	-0.1927478	-
5	4	1	0.1409462	-	5	-5	6	-0.1180334	-
5	-7	2	0.3712743	-	5	-4	6	-0.0658359	-
5	-6	2	0.3986562	-	5	-3	6	-0.0325803	-
5	-5	2	0.2701417	-	5	-2	6	-0.0135542	-
5	-4	2	0.0697503	-	5	-1	6	-0.0041244	-
5	-3	2	-0.1304909	-	6	-6	0	0.3240277	+
5	-2	2	-0.2803393	-	6	-5	0	0.3974020	+
5	-1	2	-0.3546043	-	6	-4	0	0.3102329	+
5	0	2	-0.3514239	-	6	-3	0	0.1201527	+
5	1	2	-0.2872623	-	6	-2	0	-0.0942555	+
5	2	2	-0.1898728	-	6	-1	0	-0.2581294	+
5	3	2	-0.0900472	-	6	0	0	-0.3190037	+
5	-8	3	-0.4547163	-	6	1	0	-0.2581294	+
5	-7	3	-0.3522217	-	6	2	0	-0.0942555	+
5	-6	3	-0.1208111	-	6	3	0	0.1201527	+
5	-5	3	0.1102849	-	6	4	0	0.3102329	+
5	-4	3	0.2768129	-	6	5	0	0.3974020	+
5	-3	3	0.3573639	-	6	6	0	0.3240277	+
5	-2	3	0.3582791	-	6	-7	1	-0.4122987	+
5	-1	3	0.3015626	-	6	-6	1	-0.3752669	+
5	0	3	0.2152023	-	6	-5	1	-0.1665160	+
5	1	3	0.1257441	-	6	-4	1	0.0786584	+
5	2	3	0.0529792	-	6	-3	1	0.2595595	+
5	-9	4	0.5117663	-	6	-2	1	0.3219439	+
5	-8	4	0.2100245	-	6	-1	1	0.2581294	+
5	-7	4	-0.0909433	-	6	0	1	0.0987392	+
5	-6	4	-0.2881512	-	6	1	1	-0.1007634	+
5	-5	4	-0.3729087	-	6	2	1	-0.2763349	+
5	-4	4	-0.3690839	-	6	3	1	-0.3723410	+
5	-3	4	-0.3097154	-	6	4	1	-0.3572070	+
5	-2	4	-0.2260444	-	6	5	1	-0.2347804	+
5	-1	4	-0.1423553	-	6	-8	2	0.4790478	+
5	0	4	-0.0740867	-	6	-7	2	0.2634628	+
5	1	4	-0.0279225	-	6	-6	2	-0.0428162	+
5	-10	5	-0.4879500	-	6	-5	2	-0.2621946	+
5	-9	5	0.0690066	-	6	-4	2	-0.3316529	+
5	-8	5	0.3324550	-	6	-3	2	-0.2595595	+
5	-7	5	0.4116109	-	6	-2	2	-0.0942555	+
5	-6	5	0.3860306	-	6	-1	2	0.1007634	+
5	-5	5	0.3110454	-	6	0	2	0.2658364	+
5	-4	5	0.2226818	-	6	1	2	0.3584720	+
5	-3	5	0.1420662	-	6	2	2	0.3610688	+
5	-2	5	0.0793134	-	6	3	2	0.2829818	+
5	-1	5	0.0368976	-	6	4	2	0.1565202	+
5	0	5	0.0124873	-	6	-9	3	-0.4921748	+
5	-10	6	-0.5345225	-	6	-8	3	-0.0460964	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					7	-6	0	0.3666389	-
					7	-5	0	0.1236783	-
6	-7	3	0.2648036	+	7	-4	0	-0.1329757	-
6	-6	3	0.3517710	+	7	-3	0	-0.2935113	-
6	-5	3	0.2621946	+	7	-2	0	-0.3103580	-
6	-4	3	0.0786584	+	7	-1	0	-0.1942728	-
6	-3	3	-0.1201527	+	7	0	0	0.0000000	-
6	-2	3	-0.2763349	+	7	1	0	0.1942728	-
6	-1	3	-0.3584720	+	7	2	0	0.3103580	-
6	0	3	-0.3607780	+	7	3	0	0.2935113	-
6	1	3	-0.2981508	+	7	4	0	0.1329757	-
6	2	3	-0.1987161	+	7	5	0	-0.1236783	-
6	3	3	-0.0948656	+	7	6	0	-0.3666389	-
6	-10	4	0.4018590	+	7	7	0	-0.4350945	-
6	-9	4	-0.2593989	+	7	-8	1	-0.4933508	-
6	-8	4	-0.3947459	+	7	-7	1	-0.2153160	-
6	-7	4	-0.2648036	+	7	-6	1	0.1177777	-
6	-6	4	-0.0428162	+	7	-5	1	0.3091604	-
6	-5	4	0.1665160	+	7	-4	1	0.3122409	-
6	-4	4	0.3102329	+	7	-3	1	0.1681297	-
6	-3	4	0.3723410	+	7	-2	1	-0.0403835	-
6	-2	4	0.3610688	+	7	-1	1	-0.2243269	-
6	-1	4	0.2981508	+	7	0	1	-0.3144008	-
6	0	4	0.2101374	+	7	1	1	-0.2773954	-
6	1	4	0.1217163	+	7	2	1	-0.1232385	-
6	2	4	0.0509510	+	7	3	1	0.0972946	-
6	-10	5	0.5441197	+	7	4	1	0.3041581	-
6	-9	5	0.2593989	+	7	5	1	0.4087002	-
6	-8	5	-0.0460964	+	7	6	1	0.3419431	-
6	-7	5	-0.2634628	+	7	-9	2	0.4808589	-
6	-6	5	-0.3752669	+	7	-8	2	-0.0416958	-
6	-5	5	-0.3974020	+	7	-7	2	-0.3271566	-
6	-4	5	-0.3572070	+	7	-6	2	-0.3254851	-
6	-3	5	-0.2829818	+	7	-5	2	-0.1441112	-
6	-2	5	-0.1987161	+	7	-4	2	0.0859313	-
6	-1	5	-0.1217163	+	7	-3	2	0.2604654	-
6	0	5	-0.0620285	+	7	-2	2	0.3208243	-
6	1	5	-0.0229960	+	7	-1	2	0.2559476	-
6	-10	6	0.4018590	+	7	0	2	0.0947076	-
6	-9	6	0.4921748	+	7	1	2	-0.1076360	-
6	-8	6	0.4790478	+	7	2	2	-0.2861365	-
6	-7	6	0.4122987	+	7	3	2	-0.3837810	-
6	-6	6	0.3240277	+	7	4	2	-0.3678301	-
6	-5	6	0.2347804	+	7	5	2	-0.2417903	-
6	-4	6	0.1565202	+	7	-10	3	-0.3584111	-
6	-3	6	0.0948656	+	7	-9	3	0.3427065	-
6	-2	6	0.0509510	+	7	-8	3	0.3652487	-
6	-1	6	0.0229960	+	7	-7	3	0.1201800	-
6	0	6	0.0075953	+	7	-6	3	-0.1450091	-
7	-7	0	0.4350945	-	7	-5	3	-0.3057060	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					8	-8	0	0.5074031	+
					8	-7	0	0.2071464	+
7	-4	3	-0.3245021	-	8	-6	0	-0.1375890	+
7	-3	3	-0.2204390	-	8	-5	0	-0.3228144	+
7	-2	3	-0.0431760	-	8	-4	0	-0.3081088	+
7	-1	3	0.1479202	-	8	-3	0	-0.1459530	+
7	0	3	0.2997632	-	8	-2	0	0.0702465	+
7	1	3	0.3766069	-	8	-1	0	0.2457167	+
7	2	3	0.3661658	-	8	0	0	0.3123915	+
7	3	3	0.2807377	-	8	1	0	0.2457167	+
7	4	3	0.1529216	-	8	2	0	0.0702465	+
7	-10	4	-0.5246601	-	8	3	0	-0.1459530	+
7	-9	4	-0.0920315	-	8	4	0	-0.3081088	+
7	-8	4	0.2388716	-	8	5	0	-0.3228144	+
7	-7	4	0.3638629	-	8	6	0	-0.1375890	+
7	-6	4	0.3120099	-	8	7	0	0.2071464	+
7	-5	4	0.1519065	-	8	8	0	0.5074031	+
7	-4	4	-0.0449346	-	8	-9	1	-0.4826366	+
7	-3	4	-0.2207877	-	8	-8	1	0.0782940	+
7	-2	4	-0.3385856	-	8	-7	1	0.3501414	+
7	-1	4	-0.3830386	-	8	-6	1	0.3079372	+
7	0	4	-0.3581160	-	8	-5	1	0.0918303	+
7	1	4	-0.2821985	-	8	-4	1	-0.1453136	+
7	2	4	-0.1818233	-	8	-3	1	-0.2935011	+
7	3	4	-0.0846090	-	8	-2	1	-0.3033354	+
7	-10	5	-0.4826171	-	8	-1	1	-0.1838392	+
7	-9	5	-0.4316658	-	8	0	1	0.0113616	+
7	-8	5	-0.2322481	-	8	1	1	0.2045738	+
7	-7	5	0.0000000	-	8	2	1	0.3177291	+
7	-6	5	0.1991511	-	8	3	1	0.2961967	+
7	-5	5	0.3332436	-	8	4	1	0.1297201	+
7	-4	5	0.3942991	-	8	5	1	-0.1329236	+
7	-3	5	0.3902549	-	8	6	1	-0.3798608	+
7	-2	5	0.3382414	-	8	7	1	-0.4474874	+
7	-1	5	0.2590732	-	8	-10	2	0.3412756	+
7	0	5	0.1729116	-	8	-9	2	-0.3815577	+
7	1	5	0.0960741	-	8	-8	2	-0.3390229	+
7	2	5	0.0389145	-	8	-7	2	-0.0427129	+
7	-10	6	-0.2786391	-	8	-6	2	0.2212348	+
7	-9	6	-0.4132886	-	8	-5	2	0.3304391	+
7	-8	6	-0.4740745	-	8	-4	2	0.2727432	+
7	-7	6	-0.4740745	-	8	-3	2	0.1008482	+
7	-6	6	-0.4302156	-	8	-2	2	-0.1048884	+
7	-5	6	-0.3599442	-	8	-1	2	-0.2654873	+
7	-4	6	-0.2788116	-	8	0	2	-0.3242173	+
7	-3	6	-0.1991511	-	8	1	2	-0.2593023	+
7	-2	6	-0.1295366	-	8	2	2	-0.0884658	+
7	-1	6	-0.0747880	-	8	3	2	0.1346721	+
7	0	6	-0.0363599	-	8	4	2	0.3323089	+
7	1	6	-0.0129715	-	8	5	2	0.4220890	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					8	-8	6	0.4062683	+
					8	-7	6	0.4625568	+
8	6	2	0.3432072	+	8	-6	6	0.4759670	+
8	-10	3	0.5119134	+	8	-5	6	0.4515420	+
8	-9	3	0.0000000	+	8	-4	6	0.3982226	+
8	-8	3	-0.3138742	+	8	-3	6	0.3268021	+
8	-7	3	-0.3553926	+	8	-2	6	0.2482240	+
8	-6	3	-0.2069766	+	8	-1	6	0.1722398	+
8	-5	3	0.0161717	+	8	0	6	0.1064295	+
8	-4	3	0.2139313	+	8	1	6	0.0555810	+
8	-3	3	0.3208969	+	8	2	6	0.0213931	+
8	-2	3	0.3115028	+	9	-9	0	0.4974731	-
8	-1	3	0.1965324	+	9	-8	0	-0.0760854	-
8	0	3	0.0142719	+	9	-7	0	-0.3569121	-
8	1	3	-0.1815305	+	9	-6	0	-0.3177686	-
8	2	3	-0.3352213	+	9	-5	0	-0.1001299	-
8	3	3	-0.4028193	+	9	-4	0	0.1411272	-
8	4	3	-0.3640262	+	9	-3	0	0.2942880	-
8	5	3	-0.2302304	+	9	-2	0	0.3087903	-
8	-10	4	0.5119134	+	9	-1	0	0.1929711	-
8	-9	4	0.3532538	+	9	0	0	0.0000000	-
8	-8	4	0.0635746	+	9	1	0	-0.1929711	-
8	-7	4	-0.1909884	+	9	2	0	-0.3087903	-
8	-6	4	-0.3334042	+	9	3	0	-0.2942880	-
8	-5	4	-0.3458372	+	9	4	0	-0.1411272	-
8	-4	4	-0.2485657	+	9	5	0	0.1001299	-
8	-3	4	-0.0828552	+	9	6	0	0.3177686	-
8	-2	4	0.1029343	+	9	7	0	0.3569121	-
8	-1	4	0.2641761	+	9	8	0	0.0760854	-
8	0	4	0.3677879	+	9	9	0	-0.4974731	-
8	1	4	0.3970417	+	9	-10	1	-0.3432890	-
8	2	4	0.3533695	+	9	-9	1	0.3980443	-
8	3	4	0.2551189	+	9	-8	1	0.3362435	-
8	4	4	0.1329236	+	9	-7	1	0.0227794	-
8	-10	5	0.3704957	+	9	-6	1	-0.2416137	-
8	-9	5	0.4595434	+	9	-5	1	-0.3358562	-
8	-8	5	0.4042112	+	9	-4	1	-0.2572084	-
8	-7	5	0.2553556	+	9	-3	1	-0.0697238	-
8	-6	5	0.0647709	+	9	-2	1	0.1375299	-
8	-5	5	-0.1228942	+	9	-1	1	0.2824808	-
8	-4	5	-0.2747997	+	9	0	1	0.3122943	-
8	-3	5	-0.3715970	+	9	1	1	0.2158416	-
8	-2	5	-0.4070336	+	9	2	1	0.0263937	-
8	-1	5	-0.3861262	+	9	3	1	-0.1854716	-
8	0	5	-0.3223707	+	9	4	1	-0.3287696	-
8	1	5	-0.2343500	+	9	5	1	-0.3188842	-
8	2	5	-0.1420403	+	9	6	1	-0.1144325	-
8	3	5	-0.0629797	+	9	7	1	0.2348537	-
8	-10	6	0.1779804	+	9	8	1	0.5230009	-
8	-9	6	0.3082711	+	9	-10	2	-0.5117451	-

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S	
J1 = 10					9	4	4	-0.3388437	-	
					9	5	4	-0.2005617	-	
	9	-9	2	0.0392491	-	9	-10	5	-0.2520816	-
	9	-8	2	0.3418690	-	9	-9	5	-0.3907556	-
	9	-7	2	0.3429247	-	9	-8	5	-0.4440077	-
	9	-6	2	0.1553475	-	9	-7	5	-0.4093119	-
	9	-5	2	-0.0831851	-	9	-6	5	-0.3012902	-
	9	-4	2	-0.2635954	-	9	-5	5	-0.1452575	-
	9	-3	2	-0.3251773	-	9	-4	5	0.0290515	-
	9	-2	2	-0.2578685	-	9	-3	5	0.1927059	-
	9	-1	2	-0.0941603	-	9	-2	5	0.3216349	-
	9	0	2	0.1052744	-	9	-1	5	0.3994927	-
	9	1	2	0.2694150	-	9	0	5	0.4193223	-
	9	2	2	0.3359207	-	9	1	5	0.3840157	-
	9	3	2	0.2692500	-	9	2	5	0.3055609	-
	9	4	2	0.0756674	-	9	3	5	0.2030426	-
	9	5	2	-0.1874882	-	9	4	5	0.0991604	-
	9	6	2	-0.4117132	-	9	-10	6	-0.1043717	-
	9	7	2	-0.4501275	-	9	-9	6	-0.2061176	-
	9	-10	3	-0.5265814	-	9	-8	6	-0.3064524	-
	9	-9	3	-0.3059161	-	9	-7	6	-0.3912077	-
	9	-8	3	0.0213557	-	9	-6	6	-0.4500639	-
	9	-7	3	0.2646810	-	9	-5	6	-0.4773649	-
	9	-6	3	0.3526704	-	9	-4	6	-0.4720310	-
	9	-5	3	0.2897136	-	9	-3	6	-0.4370158	-
	9	-4	3	0.1243911	-	9	-2	6	-0.3784668	-
	9	-3	3	-0.0758583	-	9	-1	6	-0.3046947	-
	9	-2	3	-0.2446355	-	9	0	6	-0.2250320	-
	9	-1	3	-0.3312381	-	9	1	6	-0.1486512	-
	9	0	3	-0.3101322	-	9	2	6	-0.0834058	-
	9	1	3	-0.1852635	-	9	3	6	-0.0346989	-
	9	2	3	0.0107820	-	10	-10	0	0.3618584	+
	9	3	3	0.2227553	-	10	-9	0	-0.3980443	+
	9	4	3	0.3838181	-	10	-8	0	-0.3580494	+
	9	5	3	0.4315401	-	10	-7	0	-0.0514220	+
	9	6	3	0.3275159	-	10	-6	0	0.2238369	+
	9	-10	4	-0.4162991	-	10	-5	0	0.3402926	+
	9	-9	4	-0.4566658	-	10	-4	0	0.2850055	+
	9	-8	4	-0.3224855	-	10	-3	0	0.1120865	+
	9	-7	4	-0.1041759	-	10	-2	0	-0.0961221	+
	9	-6	4	0.1170301	-	10	-1	0	-0.2592385	+
	9	-5	4	0.2807401	-	10	0	0	-0.3204072	+
	9	-4	4	0.3525573	-	10	1	0	-0.2592385	+
	9	-3	4	0.3240962	-	10	2	0	-0.0961221	+
	9	-2	4	0.2094934	-	10	3	0	0.1120865	+
	9	-1	4	0.0395905	-	10	4	0	0.2850055	+
	9	0	4	-0.1453204	-	10	5	0	0.3402926	+
	9	1	4	-0.3034522	-	10	6	0	0.2238369	+
	9	2	4	-0.3994998	-	10	7	0	-0.0514220	+
	9	3	4	-0.4119442	-	10	8	0	-0.3580494	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
J1 = 10					10	-3	3	-0.2569752	+
					10	-2	3	-0.0947777	+
10	9	0	-0.3980443	+	10	-1	3	0.0947777	+
10	10	0	0.3618584	+	10	0	3	0.2569752	+
10	-10	1	0.5243827	+	10	1	3	0.3429208	+
10	-9	1	-0.0380427	+	10	2	3	0.3206776	+
10	-8	1	-0.3476828	+	10	3	3	0.1848233	+
10	-7	1	-0.3502443	+	10	4	3	-0.0368157	+
10	-6	1	-0.1607241	+	10	5	3	-0.2808523	+
10	-5	1	0.0809319	+	10	6	3	-0.4526422	+
10	-4	1	0.2641382	+	10	7	3	-0.4392795	+
10	-3	1	0.3276354	+	10	-10	4	0.2917743	+
10	-2	1	0.2615681	+	10	-9	4	0.4230728	+
10	-1	1	0.0989921	+	10	-8	4	0.4370571	+
10	0	1	-0.0989921	+	10	-7	4	0.3448002	+
10	1	1	-0.2615681	+	10	-6	4	0.1795420	+
10	2	1	-0.3276354	+	10	-5	4	-0.0144867	+
10	3	1	-0.2641382	+	10	-4	4	-0.1921883	+
10	4	1	-0.0809319	+	10	-3	4	-0.3156035	+
10	5	1	0.1607241	+	10	-2	4	-0.3596561	+
10	6	1	0.3502443	+	10	-1	4	-0.3156035	+
10	7	1	0.3476828	+	10	0	4	-0.1921883	+
10	8	1	0.0380427	+	10	1	4	-0.0144867	+
10	9	1	-0.5243827	+	10	2	4	0.1795420	+
10	-10	2	0.5380053	+	10	3	4	0.3448002	+
10	-9	2	0.2946776	+	10	4	4	0.4370571	+
10	-8	2	-0.0463757	+	10	5	4	0.4230728	+
10	-7	2	-0.2857617	+	10	6	4	0.2917743	+
10	-6	2	-0.3555412	+	10	-10	5	0.1530077	+
10	-5	2	-0.2695288	+	10	-9	5	0.2813013	+
10	-4	2	-0.0869204	+	10	-8	5	0.3822455	+
10	-3	2	0.1165939	+	10	-7	5	0.4340222	+
10	-2	2	0.2711010	+	10	-6	5	0.4254269	+
10	-1	2	0.3283196	+	10	-5	5	0.3563266	+
10	0	2	0.2711010	+	10	-4	5	0.2363603	+
10	1	2	0.1165939	+	10	-3	5	0.0827089	+
10	2	2	-0.0869204	+	10	-2	5	-0.0827089	+
10	3	2	-0.2695288	+	10	-1	5	-0.2363603	+
10	4	2	-0.3555412	+	10	0	5	-0.3563266	+
10	5	2	-0.2857617	+	10	1	5	-0.4254269	+
10	6	2	-0.0463757	+	10	2	5	-0.4340222	+
10	7	2	0.2946776	+	10	3	5	-0.3822455	+
10	8	2	0.5380053	+	10	4	5	-0.2813013	+
10	-10	3	0.4392795	+	10	5	5	-0.1530077	+
10	-9	3	0.4526422	+	10	-10	6	0.0558705	+
10	-8	3	0.2808523	+	10	-9	6	0.1236747	+
10	-7	3	0.0368157	+	10	-8	6	0.2046000	+
10	-6	3	-0.1848233	+	10	-7	6	0.2893481	+
10	-5	3	-0.3206776	+	10	-6	6	0.3680125	+
10	-4	3	-0.3429208	+	10	-5	6	0.4315329	+

J2 = 6

J3	M1	M2	C	S	J3	M1	M2	C	S
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J1 = 10

10	-4	6	0.4727206	+
10	-3	6	0.4869767	+
10	-2	6	0.4727206	+
10	-1	6	0.4315329	+
10	0	6	0.3680125	+
10	1	6	0.2893481	+
10	2	6	0.2046000	+
10	3	6	0.1236747	+
10	4	6	0.0558705	+