

**NUMERICAL EVALUATION OF HERMITE
POLYNOMIALS AND THEIR INTEGRALS**

Y. GUR

Israel Atomic Energy Commission

AVAILABILITY

Israel Atomic Energy Commission reports and bibliographies may be obtained on application to:

TECHNICAL INFORMATION DEPARTMENT
ISRAEL ATOMIC ENERGY COMMISSION

P.O. B. 17120
TEL AVIV, ISRAEL

IA-1249

Israel Atomic Energy Commission

Y. GUR

Numerical Evaluation of Hermite Polynomials and
their Integrals

October 1971 34 p. 2 append.

Recurrence formulae for the direct numerical
evaluation of the integrals of Hermite polynomials
are developed. Very rapid Fortran subroutines are
introduced for the numerical evaluation of Hermite

./..

IA-1249

Israel Atomic Energy Commission

Y. GUR

Numerical Evaluation of Hermite Polynomials and
their Integrals

October 1971 34 p. 2 append.

Recurrence formulae for the direct numerical
evaluation of the integrals of Hermite polynomials
are developed. Very rapid Fortran subroutines are
introduced for the numerical evaluation of Hermite

./..

IA-1249

Israel Atomic Energy Commission

Y. GUR

Numerical Evaluation of Hermite Polynomials and
their Integrals

October 1971 34 p. 2 append.

Recurrence formulae for the direct numerical
evaluation of the integrals of Hermite polynomials
are developed. Very rapid Fortran subroutines are
introduced for the numerical evaluation of Hermite

./..

polynomials and their integrals. The calculations may be performed on desk calculators, as well as large digital computers as only a maximum of six registers, and the four basic operations are required.

The accuracy is checked by comparing results of single precision (10 decimal places) vs. double-precision (20 decimal places) calculations with the same algorithms of the first 20 Hermite polynomials, at 50 points in the range $(-1,1)$, and found to be better than 8 decimal places.

The entire listing of the programs and results is given.

polynomials and their integrals. The calculations may be performed on desk calculators, as well as large digital computers as only a maximum of six registers, and the four basic operations are required.

The accuracy is checked by comparing results of single precision (10 decimal places) vs. double-precision (20 decimal places) calculations with the same algorithms of the first 20 Hermite polynomials, at 50 points in the range $(-1,1)$, and found to be better than 8 decimal places.

The entire listing of the programs and results is given.

polynomials and their integrals. The calculations may be performed on desk calculators, as well as large digital computers as only a maximum of six registers, and the four basic operations are required.

The accuracy is checked by comparing results of single precision (10 decimal places) vs. double-precision (20 decimal places) calculations with the same algorithms of the first 20 Hermite polynomials, at 50 points in the range $(-1,1)$, and found to be better than 8 decimal places.

The entire listing of the programs and results is given.

IA-1249

NUMERICAL EVALUATION OF HERMITE POLYNOMIALS AND THEIR INTEGRALS

Y. Gur

Israel Atomic Energy Commission
October, 1971

CONTENTS

	Page
INTRODUCTION	1
HERMITE POLYNOMIALS	2
CALCULATIONS	5
THE MASTER PROGRAM LUCK	6
REFERENCES	7
APPENDIX 1	8
APPENDIX 2	14

NUMERICAL EVALUATION OF HERMITE POLYNOMIALS
AND THEIR INTEGRALS

Y. Gur

ABSTRACT

Recurrence formulae for the direct numerical evaluation of the integrals of Hermite polynomials are developed. Very rapid Fortran subroutines are introduced for the numerical evaluation of Hermite polynomials and their integrals. The calculations may be performed on desk calculators, as well as large digital computers as only a maximum of six registers, and the four basic operations are required.

The accuracy is checked by comparing results of single-precision (10 decimal places) vs. double-precision (20 decimal places) calculations with the same algorithms of the first 20 Hermite polynomials, at 50 points in the range (-1,1), and found to be better than 8 decimal places.

The entire listing of the programs and results is given.

INTRODUCTION

This work presents four Fortran subroutines and a master program that calls them. The subroutines are:

PLEG (L, X, Y) which calculates the Hermite polynomial H_L of any degree L :

$$Y = H_L(X)$$

where both X and Y are single precision (10 decimal places).

DLEG (L, X, Y) which calculates the Hermite polynomial H_L of any degree L :

$$Y = H_L(X)$$

where both Y and X are double precision (20 decimal places).

TOLEG (L, X, Y) which calculates

$$Y = I_L(X) = \int_0^x H_L(u) du$$

where I_L is the integral of the Hermite polynomial of degree L .

DOLEG (L, X, Y) which calculates the integral IL of the Hermite polynomial of degree L :

$$Y = IL(X) = \int_0^x H_L(u) du$$

where X and Y are double precision.

A master program, LUCK, which illustrates how these subroutines may be used, is also given. It calls the subroutines, calculates $H_L(X)$ and $I_L(X)$ both in single and double precision for $L = 0, 1, \dots, 19$ at 49 points in the range $-1 < X < 1$, and prints the results.

Listings of the program and the subroutines, as well as some results of the calculations, are reproduced in the appendices.

The algorithms of the subroutines are suitable even for desk computers, being very quick, with only the four basic operations and no exponentiation or logarithmic operation, and using 6 registers or less.

Some remarks concerning the role of the Hermite polynomials H_L in data fitting are given in the next section, after which the calculations and the master program are described.

HERMITE POLYNOMIALS

Hermite polynomials are defined by⁽¹⁾:

$$H_n(x) = (-1)^n e^{x^2} \frac{d^n(e^{-x^2})}{dx^n} \quad n=1, 2, \dots \quad (1)$$

or else by (2)

$$e^{-z^2-2xz} = \sum_{n=0}^{\infty} \frac{H_n(x) z^n}{n!} \quad (2)$$

They have the parity of n , i.e.

$$H_n(-x) = (-1)^n H_n(x) \quad (3)$$

They solve the differential equations

$$H_n''(x) - 2xH_n'(x) + 2nH_n(x) = 0 \quad (4)$$

By differentiating (2) with respect to z and equating coefficients of the same degree of z one obtains the recurrence formula

$$H_n(x) = 2xH_{n-1}(x) - 2(n-1)H_{n-2}(x) \quad (5)$$

where $n > 1$ and

$$\begin{aligned} H_0(x) &= 1 \\ H_1(x) &= 2x \end{aligned} \quad (6)$$

Formula (5) serves in the present work for the evaluation of $H_n(x)$.

The Hermite polynomials are orthogonal in the interval $(-\infty, +\infty)$ with weighting function e^{-x^2} , and obey

$$\int_{-\infty}^{+\infty} e^{-x^2} H_n(x) H_m(x) dx = 2^n n! \sqrt{\pi} \delta_{mn} \quad (7)$$

where

$$\delta_{mn} = \begin{cases} 1 & n = m \\ 0 & n \neq m \end{cases}$$

Integrating (5), we obtain

$$\begin{aligned} \int_0^x H_n(x) dx &= \int_0^x 2xH_{n-1}(x) dx - 2(n-1) \int_0^x H_{n-2}(x) dx \\ &= (2x-2) \int_0^x H_{n-1}(x) dx - 2(n-1) \int_0^x H_{n-2}(x) dx \end{aligned}$$

Denoting

$$I_n(x) = \int_0^x H_n(x) dx$$

we can write

$$I_n(x) = (2x-2) I_{n-1}(x) - 2(n-1) I_{n-2}(x) \quad (9)$$

$$I_0(x) = x$$

$$I_1(x) = x^2$$

An equivalent expression for $I_n(x)$ may be obtained from the relation

$$H_{n+1}'(x) = -2(n+1) H_n(x) \quad (10)$$

which, upon integration, yields

$$I_n(x) = -H_{n+1}(x)/2(n+1) + H_{n+1}(0)/2(n+1) \quad (11)$$

We used Eq.(9) in this work for the calculation of $I_L(x)$.

Hermite polynomials are used for the approximation of functions $f(x)$ by polynomials over the doubly infinite interval $(-\infty < x < \infty)$, a frequently used weighting function being

$$W(x) = e^{-\alpha^2 x^2} \quad (12)$$

The n-th degree least squares polynomial approximation to $f(x)$ over $(-\infty, +\infty)$, appropriate to the above weighting function is given by

$$y(x) = \sum_{j=0}^n a_j H_j(\alpha x) \quad -\infty < x < \infty \quad (13)$$

where

$$a_j = \frac{\alpha}{2^j \cdot j! \sqrt{\pi}} \int_{-\infty}^{\infty} e^{-\alpha^2 x^2} H_j(\alpha x) f(x) dx \quad (14)$$

The integrated squared weighted error $\int_{-\infty}^{\infty} e^{-\alpha^2 x^2} [f(x) - y(x)]^2 dx$

is a minimum for the approximation of $f(x)$ by this particular polynomials of degree up to n .

Another approximation, of particular importance in the theory of statistics, is obtained if we require that the coefficients b_r in the expression

$$y(x) = e^{-\alpha^2 x^2} \sum_{r=0}^n b_r H_r(\alpha x) \quad -\infty < x < \infty \quad (15)$$

be such that $\int_{-\infty}^{\infty} e^{-\alpha^2 x^2} [f(x) - y(x)]^2 dx$ is a minimum. Here we get

$$b_r = \frac{\alpha}{2^r \cdot r! \sqrt{\pi}} \int_{-\infty}^{\infty} f(x) H_r(\alpha x) dx \quad (16)$$

This approximation is often used in situations where $f(x)$ vanishes for $|x| \geq x_0$.

The integrals of Hermite polynomials are needed whenever the approximation of the function is to be integrated over a finite region.

CALCULATIONS

PLEG (L, X, Y) and DLEG (L, X, Y) are two almost identical FORTRAN subroutines for the calculation of

$$Y = H_L(X)$$

PLEG is single precision and DLEG is double precision. Both sub-routines are based on Eq. (5) and therefore contain no exponentiation or logarithmic operations. As can be seen, L is not limited, or at least no limit is set in advance.

TOLEG (L, X, Y) and DOLEG (L, X, Y) are two almost identical FORTRAN subroutines for the calculation of

$$Y = I_L(X) = \int_0^x H_L(u) du$$

TOLEG is single precision and DOLEG is double precision. Both are based on Eq. (9) and therefore again contain no exponentiation or logarithmic operations. L is not limited here either.

As already mentioned, all the subroutines are also suitable for desk computers. Listings of the subroutines are given in Appendix 1.

Accuracy

Comparison of the results obtained with the subroutines for single precision (10 decimal figures) and double precision (20 decimal figures), established that the single precision calculation, done on the PHILCO 212, is good for 8 significant figures or better, for $L \leq 19$, $-1 < x < 1$ (see Appendix 2).

THE MASTER PROGRAM LUCK

The master program LUCK is an example of how the subroutines may be used. It is supplied (Appendix 1) for the twofold purpose of illustrating how the subroutines may be called after defining the arguments (note double precision declarations), and so that the user may check the accuracy of the subroutines on his own machine and in his own range of interest.

The version supplied here calculates the first 20 polynomials, and their integrals in 49 points between two successive points is 1/25. These parameters can however easily be altered as follows. Card 3 fixes

the upper and lower L (note that the boundaries of I are one unit higher than those of L). Card 10 sets the lowest value of X . Card 11 sets the magnitude of the step, and Card 12 sets the number of steps in the run.

Time requirement

The entire calculation quoted in Appendix 2 took 36 seconds on the PHILCO 212.

REFERENCES

1. Abramowitz, M., Handbook of Mathematical Functions, New York, Dover Publications, 1965, p. 782.
2. Hildebrand, F.B., Introduction to Numerical Analysis, New York, McGraw-Hill Book Co., 1956, Ch. 7.

APPENDIX 1

Listing of the sample master program and the four subroutines

FORTRAN 4 PROGRAM

LUCK

```
0001      I      LUCK
0002      DOUBLE PRECISION T,U,V
0003      DO 1 I=1,20
0004      K=I-1
0005      PRINT 2,K
0006      PRINT 3
0007      2 FORMAT (1H1,10HPOLYNOMIAL NUMBER ,I2)
0008      3 FORMAT (1H0,11X,1HX,12X,8HSINGLE-P,12X,8HDOUBLE-P,12X,8HSINGLE-T,1
0009      12X,8HDOUBLE-T)
0010      X=-1,
0011      DX=1./25,
0012      DO 7 L=1,49
0013      X=X+DX
0014      T=DBLE(X)
0015      CALL PLEG(K,X,Y)
0016      CALL TOLEG(K,X,Z)
0017      CALL DLEG(K,T,U)
0018      CALL DOLEG(K,T,V)
0019      PRINT 4,X,Y,U,Z,V
0020      7 CONTINUE
0021      1 CONTINUE
0022      4 FORMAT(1H ,5(3X,E17,1U))
0023      STOP
0024      END
```

FORTRAN 4 PROGRAM

```
0001      SUBROUTINE PLEG(L,X,Y)
0002  CALCULATES HERMITE POLYNOMIALS, OF I-TH DEGREE , ZERO DEGREE PERMITTED
0003      I=L+1
0004      IF(I-2)1,2,3
0005  1 Y=1.
0006      RETURN
0007  2 Y=X+X
0008      RETURN
0009  3 A=1.
0010      B=X+X
0011      DO 4 K=3,I
0012      AN=FLOAT(K)
0013      Y=-2.+(X*B+(AN-1.)*A)
0014      A=B
0015  4 B=Y
0016      RETURN
0017      END
```


FORTRAN 4 PROGRAM

```
0001      SUBROUTINE DLEG(L,X,Y)
0002      DOUBLE PRECISION X,Y,A,B,AN
0003      CALCULATES HERMITE POLYNOMIALS, OF I-TH DEGREE ; ZERO DEGREE PERMITTED
0004      I=L+1
0005      IF(I-2)1,2,3
0006      1 Y=1,
0007      RETURN
0008      2 Y=X*X
0009      RETURN
0010      3 A=1,
0011      B=X*X
0012      DO 4 K=3,I
0013      AN=DBLE(FLOAT(K))
0014      Y=-2,*(X*B+(AN-1,)*A)
0015      A=B
0016      4 B=Y
0017      RETURN
0018      END
```

FORTRAN 4 PROGRAM

```
0001      SUBROUTINE TOLEG(L,X,Y)
0002  CALCULATES THE PRIMITIVE FUNCTION OF HERMITE POLYNOMIALS
0003  C OF I-TH DEGREE, ZERO DEGREE PERMITTED
0004      I=L+1
0005      IF(I-2)1,2,3
0006      1 Y=X
0007      RETURN
0008      2 Y=X*X
0009      RETURN
0010      3 A=X
0011      B=X*X
0012      DO 4 K=3,I
0013      AN=FLOAT(K)
0014      Y=(2.*X-2.)*B-2.*(AN-3.)*A
0015      A=B
0016      4 B=Y
0017      RETURN
0018      END
```

FORTRAN 4 PROGRAM

```
0001      SUBROUTINE DOLEG(L,X,Y)
0002      DOUBLE PRECISION X,Y,A,B,AN
0003      CALCULATES THE PRIMITIVE FUNCTION OF HERMITE POLYNOMIALS
0004      C OF I-TH DEGREE, ZERO DEGREE PERMITTED
0005          I=L+1
0006          IF(I-2)1,2,3
0007      1  Y=X
0008          RETURN
0009      2  Y=X*X
0010          RETURN
0011      3  A=X
0012          B=X*X
0013          DO 4 K=3,I
0014              AN=DBLE(FLOAT(K))
0015              Y=(2.*X-2.)*B-2.*(AN-5.)*A
0016              A=B
0017      4  B=Y
0018          RETURN
0019      END
```

APPENDIX 2

Results for the first 20 polynomials and their integrals

Single-P - Polynomial, single precision
Double-P - Polynomial, double precision
Single-T - Integral, single precision
Double-T - Integral, double precision

POLYNOMIAL NUMBER 1

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9460000000+000	=0,1920000000+001	=0,1920000000-001	0,9216000000+000	0,9216000000+000
=0,9280000000+000	=0,1840000000+001	=0,1840000000-001	0,8464000001+000	0,8464000001+000
=0,8880000001+000	=0,1760000000+001	=0,1760000000-001	0,7744000001+000	0,7744000001+000
=0,8400000001+000	=0,1680000000+001	=0,1680000000-001	0,7056000001+000	0,7056000001+000
=0,8000000001+000	=0,1600000000+001	=0,1600000000-001	0,6400000002+000	0,6400000002+000
=0,7600000001+000	=0,1520000000+001	=0,1520000000-001	0,5776000002+000	0,5776000002+000
=0,7200000001+000	=0,1440000000+001	=0,1440000000-001	0,5184000002+000	0,5184000002+000
=0,6800000002+000	=0,1360000000+001	=0,1360000000-001	0,4624000002+000	0,4624000002+000
=0,6400000002+000	=0,1280000000+001	=0,1280000000-001	0,4096000002+000	0,4096000002+000
=0,6000000002+000	=0,1200000000+001	=0,1200000000-001	0,3600000002+000	0,3600000002+000
=0,5600000002+000	=0,1120000000+001	=0,1120000000-001	0,3136000003+000	0,3136000003+000
=0,5200000003+000	=0,1040000000+001	=0,1040000000-001	0,2704000003+000	0,2704000003+000
=0,4800000003+000	=0,9600000000+000	=0,9600000000+000	0,2304000003+000	0,2304000003+000
=0,4400000003+000	=0,8800000000+000	=0,8800000000+000	0,1936000002+000	0,1936000002+000
=0,4000000003+000	=0,8000000000+000	=0,8000000000+000	0,1600000002+000	0,1600000002+000
=0,3600000003+000	=0,7200000000+000	=0,7200000000+000	0,1296000002+000	0,1296000002+000
=0,3200000003+000	=0,6400000000+000	=0,6400000000+000	0,1024000002+000	0,1024000002+000
=0,2800000003+000	=0,5600000000+000	=0,5600000000+000	0,7840000017-001	0,7840000017-001
=0,2400000003+000	=0,4800000000+000	=0,4800000000+000	0,5760000015-001	0,5760000015-001
=0,2000000003+000	=0,4000000000+000	=0,4000000000+000	0,4000000013-001	0,4000000013-001
=0,1600000003+000	=0,3200000000+000	=0,3200000000+000	0,2560000010-001	0,2560000010-001
=0,1200000003+000	=0,2400000000+000	=0,2400000000+000	0,1440000008-001	0,1440000008-001
=0,8000000033-001	=0,1600000000+000	=0,1600000000+000	0,6400000053-002	0,6400000053-002
=0,4000000034-001	=0,8000000006+001	=0,8000000006+001	0,1600000027-002	0,1600000027-002
=0,3365130397+009	=0,6730260793+009	=0,6730260793+009	0,1132419259-018	0,1132419259-018
0,3999999966+001	0,7999999932+001	0,7999999932-001	0,1599999973+002	0,1599999973+002
0,7999999966+001	0,1599999993+000	0,1599999993-000	0,6399999946-002	0,6399999946-002
0,1199999997+000	0,2399999993+000	0,2399999993-000	0,1439999992-001	0,1439999992-001
0,1399999997+000	0,3199999993+000	0,3199999993-000	0,2559999989-001	0,2559999989-001
0,1999999996+000	0,3999999993+000	0,3999999993-000	0,3999999986-001	0,3999999986-001
0,2399999996+000	0,4799999993+000	0,4799999993-000	0,5759999983-001	0,5759999983-001
0,2799999996+000	0,5599999993+000	0,5599999993-000	0,7839999979-001	0,7839999979-001
0,3199999996+000	0,6399999993+000	0,6399999993-000	0,1023999998+000	0,1023999998+000
0,3599999996+000	0,7199999992+000	0,7199999992-000	0,1295999997+000	0,1295999997+000
0,3999999996+000	0,7999999992+000	0,7999999992-000	0,1599999997+000	0,1599999997+000
0,4399999996+000	0,8799999992+000	0,8799999992-000	0,1935999996+000	0,1935999996+000
0,4799999996+000	0,9599999992+000	0,9599999992-000	0,2363999996+000	0,2363999996+000
0,5199999996+000	0,1039999994+001	0,1039999994-001	0,2703999996+000	0,2703999996+000
0,5599999996+000	0,1119999994+001	0,1119999994-001	0,3135999995+000	0,3135999995+000
0,5999999995+000	0,1199999994+001	0,1199999994-001	0,3599999995+000	0,3599999995+000
0,6399999995+000	0,1279999994+001	0,1279999994-001	0,4095999994+000	0,4095999994+000
0,6799999995+000	0,1359999994+001	0,1359999994-001	0,4623999993+000	0,4623999993+000
0,7199999995+000	0,1439999994+001	0,1439999994-001	0,5183999992+000	0,5183999992+000
0,7599999995+000	0,1519999994+001	0,1519999994-001	0,5775999992+000	0,5775999992+000
0,7999999994+000	0,1599999994+001	0,1599999994-001	0,6399999991+000	0,6399999991+000
0,8399999994+000	0,1679999994+001	0,1679999994-001	0,7059999990+000	0,7059999990+000
0,8799999994+000	0,1759999994+001	0,1759999994-001	0,7743999989+000	0,7743999989+000
0,9199999994+000	0,1839999994+001	0,1839999994-001	0,8463999988+000	0,8463999988+000
0,9599999994+000	0,1919999994+001	0,1919999994-001	0,9215999988+000	0,9215999988+000

POLYNOMIAL NUMBER 2

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9630000000+000	=0,7686400000+001	=0,7686400000+001	=0,3612672000+001	=0,3612672000+001
=0,9200000000+000	=0,7385600000+001	=0,7385600000+001	=0,3250176000+001	=0,3250176000+001
=0,8800000000+000	=0,7097600000+001	=0,7097600000+001	=0,2911744000+001	=0,2911744000+001
=0,8400000000+000	=0,6822400000+001	=0,6822400000+001	=0,2596608000+001	=0,2596608000+001
=0,8000000000+000	=0,6560000000+001	=0,6560000000+001	=0,2304000000+001	=0,2304000000+001
=0,7600000000+000	=0,6310400000+001	=0,6310400000+001	=0,2033152000+001	=0,2033152000+001
=0,7200000000+000	=0,6073600000+001	=0,6073600000+001	=0,1783296000+001	=0,1783296000+001
=0,6800000000+000	=0,5849600000+001	=0,5849600000+001	=0,1553664000+001	=0,1553664000+001
=0,6400000000+000	=0,5638400000+001	=0,5638400000+001	=0,1343488000+001	=0,1343488000+001
=0,6000000000+000	=0,5440000000+001	=0,5440000000+001	=0,1152000000+001	=0,1152000000+001
=0,5600000000+000	=0,5254400000+001	=0,5254400000+001	=0,9784320000+000	=0,9784320000+000
=0,5200000000+000	=0,5081600000+001	=0,5081600000+001	=0,8220160000+000	=0,8220160000+000
=0,4800000000+000	=0,4921600000+001	=0,4921600000+001	=0,6819840000+000	=0,6819840000+000
=0,4400000000+000	=0,4774400000+001	=0,4774400000+001	=0,5575680000+000	=0,5575680000+000
=0,4000000000+000	=0,4640000000+001	=0,4640000000+001	=0,4480000000+000	=0,4480000000+000
=0,3600000000+000	=0,4518400000+001	=0,4518400000+001	=0,3525120000+000	=0,3525120000+000
=0,3200000000+000	=0,4409600000+001	=0,4409600000+001	=0,2703360000+000	=0,2703360000+000
=0,2800000000+000	=0,4313600000+001	=0,4313600000+001	=0,2007040000+000	=0,2007040000+000
=0,2400000000+000	=0,4230400000+001	=0,4230400000+001	=0,1428480000+000	=0,1428480000+000
=0,2000000000+000	=0,4160000000+001	=0,4160000000+001	=0,9600000000+000	=0,9600000000+000
=0,1600000000+000	=0,4102400000+001	=0,4102400000+001	=0,5939200000+000	=0,5939200000+000
=0,1200000000+000	=0,4057600000+001	=0,4057600000+001	=0,3225600000+000	=0,3225600000+000
=0,8000000000+000	=0,4025600000+001	=0,4025600000+001	=0,1382400000+000	=0,1382400000+000
=0,4000000000+000	=0,4006400000+001	=0,4006400000+001	=0,3328000000+000	=0,3328000000+000
=0,3365130397+000	=0,4000000000+001	=0,4000000000+001	=0,2264820518+000	=0,2264820518+000
=0,3999999966+001	=0,4006400000+001	=0,4006400000+001	=0,3071999999+002	=0,3071999999+002
=0,7999999966+001	=0,4025600000+001	=0,4025600000+001	=0,1177599999+001	=0,1177599999+001
=0,1199999997+000	=0,4057599999+001	=0,4057599999+001	=0,2534399998+001	=0,2534399998+001
=0,1599999997+000	=0,4102399999+001	=0,4102399999+001	=0,4300799998+001	=0,4300799998+001
=0,1999999996+000	=0,4159999999+001	=0,4159999999+001	=0,6399999998+001	=0,6399999998+001
=0,2399999996+000	=0,4230399999+001	=0,4230399999+001	=0,8755199997+001	=0,8755199997+001
=0,2799999996+000	=0,4313599999+001	=0,4313599999+001	=0,1128959997+000	=0,1128959997+000
=0,3199999996+000	=0,4409599999+001	=0,4409599999+001	=0,1392639998+000	=0,1392639998+000
=0,3599999996+000	=0,4518399999+001	=0,4518399999+001	=0,1698879998+000	=0,1698879998+000
=0,3999999996+000	=0,4639999999+001	=0,4639999999+001	=0,1919999997+000	=0,1919999997+000
=0,4399999996+000	=0,4774399999+001	=0,4774399999+001	=0,2168319998+000	=0,2168319998+000
=0,4799999996+000	=0,4921599999+001	=0,4921599999+001	=0,2396159998+000	=0,2396159998+000
=0,5199999996+000	=0,5081599999+001	=0,5081599999+001	=0,2565839998+000	=0,2565839998+000
=0,5599999996+000	=0,5254399999+001	=0,5254399999+001	=0,2759679998+000	=0,2759679998+000
=0,5999999995+000	=0,5439999999+001	=0,5439999999+001	=0,2879999999+000	=0,2879999999+000
=0,6399999995+000	=0,5638399999+001	=0,5638399999+001	=0,2949119999+000	=0,2949119999+000
=0,6799999995+000	=0,5849599999+001	=0,5849599999+001	=0,2959360000+000	=0,2959360000+000
=0,7199999995+000	=0,6073599999+001	=0,6073599999+001	=0,2903040000+000	=0,2903040000+000
=0,7599999995+000	=0,6310399999+001	=0,6310399999+001	=0,2772480000+000	=0,2772480000+000
=0,7999999994+000	=0,6559999999+001	=0,6559999999+001	=0,2560000000+000	=0,2560000000+000
=0,8399999994+000	=0,6822399999+001	=0,6822399999+001	=0,2257920000+000	=0,2257920000+000
=0,8799999994+000	=0,7097599999+001	=0,7097599999+001	=0,1858560000+000	=0,1858560000+000
=0,9199999994+000	=0,7385599999+001	=0,7385599999+001	=0,1354240000+000	=0,1354240000+000
=0,9599999994+000	=0,7686399999+001	=0,7686399999+001	=0,7372800000+001	=0,7372800000+001

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000000000	=0,323788800000001	-0,323788800000001	0,1231847424002	0,1231847424002
=0,9200000000000000	=0,254950400000001	-0,254950400000001	0,1078787584002	0,1078787584002
=0,8800000000000000	=0,193177600000001	-0,193177600000001	0,9399397442001	0,9399397442001
=0,8400000000000000	=0,138163200000001	-0,138163200000001	0,8144317442001	0,8144317442001
=0,8000000000000000	=0,896000000000000	-0,896000000000000	0,7014400002000	0,7014400002000
=0,7600000000000000	=0,471808000000000	-0,471808000000000	0,6001495003001	0,6001495003001
=0,7200000000000000	=0,105984000000000	-0,105984000000000	0,5097738243001	0,5097738243001
=0,6800000000000000	=0,204543998900000	-0,204543998900000	0,4295511043001	0,4295511043001
=0,6400000000000000	=0,462847998900000	-0,462847998900000	0,3587440643001	0,3587440643001
=0,6000000000000000	=0,671999999300000	-0,671999999300000	0,2966400003001	0,2966400003001
=0,5600000000000000	=0,835071999100000	-0,835071999100000	0,2425507843001	0,2425507843001
=0,5200000000000000	=0,955135999400000	-0,955135999400000	0,1958128643001	0,1958128643001
=0,4800000000000000	=0,103526400000001	-0,103526400000001	0,1557872643001	0,1557872642003
=0,4400000000000000	=0,107852800000001	-0,107852800000001	0,1218595800001	0,1218595840001
=0,4000000000000000	=0,108800000000001	-0,108800000000001	0,9344000018000	0,9344000018000
=0,3600000000000000	=0,106675200000001	-0,106675200000001	0,6996326416000	0,6996326416000
=0,3200000000000000	=0,101785600000001	-0,101785600000001	0,5088870413000	0,5088870413000
=0,2800000000000000	=0,944384000000000	-0,944384000000000	0,3570022410000	0,3570022410000
=0,2400000000000000	=0,849408000000000	-0,849408000000000	0,2390630408000	0,2390630408000
=0,2000000000000000	=0,736000000000000	-0,736000000000000	0,1504000000000	0,1504000000000
=0,1600000000000000	=0,607232000000000	-0,607232000000000	0,8658944020001	0,8658944020001
=0,1200000000000000	=0,466176000000000	-0,466176000000000	0,4345344020001	0,4345344020001
=0,8000000000000000	=0,315904000000000	-0,315904000000000	0,1705984016001	0,1705984016001
=0,4400000000000000	=0,159488000000000	-0,159488000000000	0,3722440067002	0,3722440067002
=0,3365130397009	=0,1346052159008	-0,1346052159008	0,2264820520001	0,2264820520001
=0,3999999966001	=0,1394879987000	-0,1394879987000	0,2698239959002	0,2698239959002
0,7999999966001	=0,3159039987000	-0,3159039987000	0,8867839943002	0,8867839943002
0,1199999997000	=0,4661759988000	-0,4661759988000	0,1580543994001	0,1580543994001
0,1599999997000	=0,6072319988000	-0,6072319988000	0,2105343997001	0,2105343997001
0,1999999996000	=0,7359999991000	-0,7359999991000	0,2240000001001	0,2240000001001
0,2399999996000	=0,8494079991000	-0,8494079991000	0,1787904007001	0,1787904007001
0,2799999996000	=0,9443839993000	-0,9443839993000	0,5770240161002	0,5770240161002
0,3199999996000	=0,101785600000001	-0,101785600000001	-0,1540099978001	-0,1540099978001
0,3599999996000	=0,106675200000001	-0,106675200000001	-0,4686339963001	-0,4686339963001
0,3999999996000	=0,108800000000001	-0,108800000000001	-0,8959999956001	-0,8959999956001
0,4399999996000	=0,107852800000001	-0,107852800000001	-0,1443481594001	-0,1443481594001
0,4799999996000	=0,103526400000001	-0,103526400000001	-0,2115993593000	-0,2115993593000
0,5199999996000	=0,955136000000000	-0,955136000000000	-0,2915993591000	-0,2915993591000
0,5599999996000	=0,835072000000000	-0,835072000000000	-0,3843481589000	-0,3843481589000
0,5999999995000	=0,672000000000000	-0,672000000000000	-0,4895999987000	-0,4895999987000
0,6399999995000	=0,462848000000000	-0,462848000000000	-0,6068633585000	-0,6068633585000
0,6799999995000	=0,204544000000000	-0,204544000000000	-0,7354009583000	-0,7354009583000
0,7199999995000	=0,105983999300000	-0,105983999300000	-0,8742297582000	-0,8742297582000
0,7599999995000	=0,471807999400000	-0,471807999400000	-0,1022120958001	-0,1022120958001
0,7999999994000	=0,895999999370000	-0,895999999370000	-0,1177599998001	-0,1177599998001
0,8399999994000	=0,138163199200001	-0,138163199200001	-0,1338946558001	-0,1338946558001
0,8799999994000	=0,193177599100001	-0,193177599100001	-0,1504194557001	-0,1504194557001
0,9199999994000	=0,254950398900001	-0,254950398900001	-0,1671132157001	-0,1671132157001
0,9599999994000	=0,323788798800001	-0,323788798800001	-0,1837301757001	-0,1837301757001

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
-0,960000000000000	0,5527445504002	0,5527445504002	-0,3383773103002	-0,3383773103002
-0,920000000000000	0,5439371264002	0,5439371264002	-0,2842473923002	-0,2842473923002
-0,880000000000000	0,5338087424002	0,5338087424002	-0,2369460798002	-0,2369460798002
-0,840000000000000	0,5225805824002	0,5225805824002	-0,1958465619002	-0,1958465619002
-0,800000000000000	0,5134640000002	0,5104640000002	-0,1603584001002	-0,1603584001002
-0,760000000000000	0,4976605180002	0,4976605180002	-0,1299269455002	-0,1299269455002
-0,720000000000000	0,4843618300002	0,4843618300002	-0,1040303555002	-0,1040303555002
-0,680000000000000	0,4707497980002	0,4707497980002	-0,8218261104001	-0,8218261103001
-0,640000000000000	0,4569964540002	0,4569964544002	-0,6392853307001	-0,6392853307001
-0,600000000000000	0,4432640001002	0,4432640001002	-0,4884480007001	-0,4884480007001
-0,560000000000000	0,4297048060002	0,4297048060002	-0,3653856467001	-0,3653856467001
-0,520000000000000	0,4164614140002	0,4164614145002	-0,2664647071001	-0,2664647071001
-0,480000000000000	0,4036665340002	0,4036665345002	-0,1883367019001	-0,1883367019001
-0,440000000000000	0,3914430460002	0,3914430465002	-0,1279284023001	-0,1279284023001
-0,400000000000000	0,3799040001002	0,3799040001002	-0,8243200028000	-0,8243200028000
-0,360000000000000	0,3691526140002	0,3691526145002	-0,4929527829000	-0,4929527829000
-0,320000000000000	0,3592822780002	0,3592822785002	-0,2621177870000	-0,2621177870000
-0,280000000000000	0,3503765500002	0,3503765505002	-0,1111097353000	-0,1111097353000
-0,240000000000000	0,3420091580002	0,3420091585002	-0,2148433976001	-0,2148433976001
-0,200000000000000	0,3357440000002	0,3357440000002	0,2303999979001	0,2303999979001
-0,160000000000000	0,3301351424002	0,3301351424002	0,3668049918001	0,3668049918001
-0,120000000000000	0,3257268224002	0,3257268224002	0,3168829448001	0,3168829449001
-0,800000000000000	0,3225534464002	0,3225534464002	0,1844674572001	0,1844674572001
-0,400000000000000	0,3206395904002	0,3206395904002	0,5669740885002	0,5669740885002
-0,3385130397009	0,3200000000002	0,3200000000002	0,4929641030018	0,4929641030018
0,3999999966001	0,3206395904002	0,3206395904002	0,7107379074002	0,7107379074002
0,7999999966001	0,3225534464002	0,3225534464002	0,3078717412001	0,3078717412001
0,1199999997000	0,3257268224002	0,3257268224002	0,7355842515001	0,7355842515001
0,1599999997000	0,3301351424002	0,3301351424002	0,1366622202000	0,1366622202000
0,1999999996000	0,3357440000002	0,3357439999002	0,2201599992000	0,2201599992000
0,2399999996000	0,3420091580002	0,3420091580002	0,3230318562000	0,3230318562000
0,2799999996000	0,3503765500002	0,3503765500002	0,4432748532000	0,4432748532000
0,3199999996000	0,3592822780002	0,3592822780002	0,5780013040000	0,5780013040000
0,3599999996000	0,3691526140002	0,3691526143002	0,7235370994000	0,7235370994000
0,3999999996000	0,3799039999002	0,3799039999002	0,8755199985000	0,8755199985000
0,4399999996000	0,3914430460002	0,3914430463002	0,1028979380001	0,1028979380001
0,4799999996000	0,4036665340002	0,4036665343002	0,1178527333001	0,1178527333001
0,5199999996000	0,4164614140002	0,4164614143002	0,1318271384001	0,1318271384001
0,5599999996000	0,4297048060002	0,4297048062002	0,1442098379001	0,1442098379001
0,5999999995000	0,4432639999002	0,4432639999002	0,1543679999001	0,1543679999001
0,6399999995000	0,4569964540002	0,4569964542002	0,1616589618001	0,1616589618001
0,6799999995000	0,4707497980002	0,4707497980002	0,1654400614001	0,1654400614001
0,7199999995000	0,4843618300002	0,4843618302002	0,1659784666001	0,1659784666001
0,7599999995000	0,4976605180002	0,4976605182002	0,1599618062001	0,1599618062001
0,7999999994000	0,5104639998002	0,5104639998002	0,1495040002001	0,1495040002001
0,8399999994000	0,5225805820002	0,5225805822002	0,1331630902001	0,1331630902001
0,8799999994000	0,5338087420002	0,5338087422002	0,1104430698001	0,1104430698001
0,9199999994000	0,5439371260002	0,5439371263002	0,8090771508000	0,8090771508000
0,9599999994000	0,5527445500002	0,5527445503002	0,4418961474000	0,4418961473000

POLYNOMIAL NUMBER 3

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000+000	0,1385058337+003	0,1385058337+003	0,5873306018+002	0,9873308017+002
=0,9200000000+000	0,1255794713+003	0,1255794713+003	0,4442374360+002	0,4442374360+002
=0,8800000000+000	0,1132680987+003	0,1132680987+003	0,3269558136+002	0,3269558136+002
=0,8400000000+000	0,1010098579+003	0,1010098579+003	0,2320563012+002	0,2320563012+002
=0,8000000000+000	0,9063424003+002	0,9063424003+002	0,1564262402+002	0,1564262402+002
=0,7600000000+000	0,8036247889+002	0,8036247883+002	0,9725173762+001	0,9725173762+001
=0,7200000000+000	0,7080794362+002	0,7080794361+002	0,5200012852+001	0,5200012851+001
=0,6800000000+000	0,6197653262+002	0,6197653262+002	0,1840291051+001	0,1840291049+001
=0,6400000000+000	0,5386706620+002	0,5386706620+002	-0,5960058091+000	-0,5960058093+000
=0,6000000000+000	0,4647168004+002	0,4647168004+002	-0,2168063993+001	-0,2168063993+001
=0,5600000000+000	0,3977621837+002	0,3977621835+002	-0,3193014878+001	-0,3193014878+001
=0,5200000000+000	0,3370062714+002	0,3370062713+002	-0,3648244759+001	-0,3648244759+001
=0,4800000000+000	0,2839934739+002	0,2839934734+002	-0,3772469477+001	-0,3772469478+001
=0,4400000000+000	0,2360170811+002	0,2366170811+002	-0,3627237066+001	-0,3627237066+001
=0,4000000000+000	0,1951232004+002	0,1951232003+002	-0,3298304003+001	-0,3298304003+001
=0,3600000000+000	0,1591146829+002	0,1591146826+002	-0,2856964280+001	-0,2856964280+001
=0,3200000000+000	0,1281550584+002	0,1281550584+002	-0,2361331290+001	-0,2361331290+001
=0,2800000000+000	0,1017724683+002	0,1017724684+002	-0,1857572524+001	-0,1857572524+001
=0,2400000000+000	0,7946359619+001	0,7946359619+001	-0,1381097082+001	-0,1381097082+001
=0,2000000000+000	0,6069760012+001	0,6069760013+001	-0,9576960031+000	-0,9576960031+000
=0,1600000000+000	0,4492004562+001	0,4492004568+001	-0,6046354007+000	-0,6046354007+000
=0,1200000000+000	0,3155683747+001	0,3155683748+001	-0,3317024214+000	-0,3317024214+000
=0,0800000000+000	0,2001815151+001	0,2001815151+001	-0,1422040117+000	-0,1422040117+000
=0,0400000000+000	0,9702367312+000	0,9702367315+000	-0,3391850148+001	-0,3391850148+001
=0,3365130397+009	0,8076312954+008	0,8076312952+008	-0,2264820518+017	-0,2264820518+017
=0,3999999966+001	=0,9702367147+000	=0,9702367148+000	0,2983560758+001	0,2983560758+001
0,7999999966+001	=0,2001815134+001	=0,2001815133+001	-0,1098554401+000	-0,1098554401+000
0,1199999997+000	=0,3155683729+001	=0,3155683727+001	-0,2248294668+000	-0,2248294668+000
0,1599999997+000	=0,4492004543+001	=0,4492004544+001	-0,3559131698+000	-0,3559131698+000
0,1999999996+000	=0,6069759984+001	=0,6069759985+001	-0,4866539989+000	-0,4866539989+000
0,2399999996+000	=0,7946359587+001	=0,7946359585+001	-0,5982826651+000	-0,5982826651+000
0,2799999996+000	=0,1017724684+002	=0,1017724680+002	-0,6729372299+000	-0,6729372299+000
0,3199999996+000	=0,1281550579+002	=0,1281550579+002	-0,6936760157+000	-0,6936760157+000
0,3599999996+000	=0,1591146820+002	=0,1591146821+002	-0,6449473299+000	-0,6449473299+000
0,3999999996+000	=0,1951231992+002	=0,1951231996+002	-0,5130240016+000	-0,5130240017+000
0,4399999996+000	=0,2366170804+002	=0,2366170804+002	-0,2863887346+000	-0,2863887346+000
0,4799999996+000	=0,2839934727+002	=0,2839934725+002	0,4392772843+001	0,4392772841+001
0,5199999996+000	=0,3376062729+002	=0,3376062724+002	0,4840556248+000	0,4840556246+000
0,5599999996+000	=0,3977621622+002	=0,3977621825+002	0,1037042378+001	0,1037042378+001
0,5999999995+000	=0,4647167992+002	=0,4647167992+002	0,1702655992+001	0,1702655992+001
0,6399999995+000	=0,5386706660+002	=0,5386706607+002	0,2477235624+001	0,2477235624+001
0,6799999995+000	=0,6197653248+002	=0,6197653248+002	0,3353589355+001	0,3353589355+001
0,7199999995+000	=0,7080794349+002	=0,7080794346+002	0,4320939134+001	0,4320939134+001
0,7599999995+000	=0,8036247867+002	=0,8036247867+002	0,5364912917+001	0,5364912916+001
0,7999999994+000	=0,9063423987+002	=0,9063423985+002	0,6467583984+001	0,6467583984+001
0,8399999994+000	=0,1010098577+003	=0,1010098577+003	0,7607597495+001	0,7607597495+001
0,8799999994+000	=0,1132680987+003	=0,1132680985+003	0,8760103976+001	0,8760103976+001
0,9199999994+000	=0,1255794713+003	=0,1255794711+003	0,9899734099+001	0,9899734099+001
0,9599999994+000	=0,1385058337+003	=0,1385058335+003	0,1098845889+002	0,1098845889+002

POLYNOMIAL NUMBER 6

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
0,9600000000+000	=0,3973622590+003	-0,3973622598+003	0,4046825229+002	0,4046825232+002
0,9200000000+000	=0,4216583247+003	-0,4216583245+003	0,5681073842+002	0,5681073842+002
0,8800000001+000	=0,4412186374+003	-0,4412186372+003	0,6662147793+002	0,6662147793+002
0,8400000001+000	=0,4563921377+003	-0,4563921377+003	0,7128053067+002	0,7128053067+002
0,8000000001+000	=0,4675420154+003	-0,4675420160+003	0,7197327359+002	0,7197327360+002
0,7600000001+000	=0,4750416544+003	-0,4750416543+003	0,6970862476+002	0,6970862476+002
0,7200000001+000	=0,4792707577+003	-0,4792707577+003	0,6533624023+002	0,6533624023+002
0,6800000002+000	=0,4806116738+003	-0,4806116738+003	0,5956271089+002	0,5956271090+002
0,6400000002+000	=0,4794459000+003	-0,4794459006+003	0,5296678529+002	0,5296678529+002
0,6000000002+000	=0,4761507844+003	-0,4761507840+003	0,4601364484+002	0,4601364484+002
0,5600000002+000	=0,4710964034+003	-0,4710964032+003	0,3906825816+002	0,3906825816+002
0,5200000003+000	=0,4646426454+003	-0,4646426452+003	0,3240784064+002	0,3240784064+002
0,4800000003+000	=0,4571364674+003	-0,4571364679+003	0,2623344581+002	0,2623344581+002
0,4400000003+000	=0,4489093520+003	-0,4489093526+003	0,2068071494+002	0,2068071494+002
0,4000000003+000	=0,4402749444+003	-0,4402749441+003	0,1582981123+002	0,1582981123+002
0,3600000003+000	=0,4315268804+003	-0,4315268802+003	0,1171456511+002	0,1171456511+002
0,3200000003+000	=0,4229368104+003	-0,4229368104+003	0,8330856902+001	0,8330856902+001
0,2800000003+001	=0,4147526023+003	-0,4147526023+003	0,5644263545+001	0,5644263545+001
0,2400000003+001	=0,4071967373+003	-0,4071967375+003	0,3596995483+001	0,3596995483+001
0,2000000003+000	=0,4004648964+003	-0,4004648961+003	0,2114150410+001	0,2114150410+001
0,1600000003+000	=0,3947247294+003	-0,3947247295+003	0,1109310137+001	0,1109310137+001
0,1200000003+000	=0,3901148229+003	-0,3901148228+003	0,4895070682+000	0,4895070682+000
0,8000000033+001	=0,3867438453+003	-0,3867438453+003	0,1595866997+000	0,1595866997+000
0,4000000034+001	=0,3846898892+003	-0,3846898896+003	0,2599255596+001	0,2599255596+001
0,3365130397+009	=0,3840000000+003	-0,3840000000+003	0,9059282149+018	0,9059282144+018
0,3999999966+001	=0,3846898892+003	-0,3846898895+003	0,4253339775+003	0,4253339764+003
0,7999999966+001	=0,3867438452+003	-0,3867438452+003	-0,4416338317+001	-0,4416338320+001
0,1199999997+000	=0,3901148227+003	-0,3901148227+003	-0,1037073774+000	-0,1037073774+000
0,1599999997+000	=0,3947247293+003	-0,3947247294+003	-0,4956363639+000	-0,4956363639+000
0,1999999996+000	=0,4004648954+003	-0,4004648959+003	-0,9826303948+000	-0,9826303948+000
0,2399999996+000	=0,4071967374+003	-0,4071967374+003	-0,1674865214+001	-0,1674865214+001
0,2799999996+000	=0,4147526022+003	-0,4147526022+003	-0,2577169214+001	-0,2577169214+001
0,3199999996+000	=0,4229368103+003	-0,4229368103+003	-0,3680611053+001	-0,3680611053+001
0,3599999996+000	=0,4315268804+003	-0,4315268801+003	-0,4962764213+001	-0,4962764213+001
0,3999999996+000	=0,4402749433+003	-0,4402749439+003	-0,6388531186+001	-0,6388531186+001
0,4399999996+000	=0,4489093529+003	-0,4489093528+003	-0,7911228119+001	-0,7911228119+001
0,4799999996+000	=0,4571364677+003	-0,4571364678+003	-0,9473903501+001	-0,9473903501+001
0,5199999996+000	=0,4646426454+003	-0,4646426450+003	-0,1101086447+002	-0,1101086447+002
0,5599999996+000	=0,4710964033+003	-0,4710964031+003	-0,1244938433+002	-0,1244938433+002
0,5999999995+000	=0,4761507834+003	-0,4761507839+003	-0,1371156479+002	-0,1371156479+002
0,6399999995+000	=0,4794459002+003	-0,4794459006+003	-0,1471632660+002	-0,1471632660+002
0,6799999995+000	=0,4806116737+003	-0,4806116738+003	-0,1538150210+002	-0,1538150210+002
0,7199999995+000	=0,4792707578+003	-0,4792707578+003	-0,1562600325+002	-0,1562600325+002
0,7599999995+000	=0,4750416544+003	-0,4750416544+003	-0,1537203870+002	-0,1537203870+002
0,7999999994+000	=0,4675420161+003	-0,4675420161+003	-0,1484735362+002	-0,1484735362+002
0,8399999994+000	=0,4563921377+003	-0,4563921379+003	-0,1308746561+002	-0,1308746561+002
0,8799999994+000	=0,4412186373+003	-0,4412186375+003	-0,1093787059+002	-0,1093787059+002
0,9199999994+000	=0,4216583244+003	-0,4216583249+003	-0,8956191715+001	-0,8956191715+001
0,9599999994+000	=0,3973622602+003	-0,3973622603+003	-0,4414249901+001	-0,4414249901+001

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
-0.9600000000+000	=0.2702017210+004	-0.2702017211+004	-0.7459661309+003	-0.7459661308+003
-0.9200000000+000	=0.2533963917+004	-0.2533963915+004	-0.6623900671+003	-0.6623900671+003
-0.8800000000+000	=0.2362298183+004	-0.2362298183+004	-0.5774529706+003	-0.5774529706+003
-0.8400000000+000	=0.2189276802+004	-0.2189276802+004	-0.4943686540+003	-0.4943686540+003
-0.8000000000+000	=0.2016946589+004	-0.2016946586+004	-0.4155300251+003	-0.4155300292+003
-0.7600000000+000	=0.1847138018+004	-0.1847138018+004	-0.3426260968+003	-0.3426260968+003
-0.7200000000+000	=0.1681461102+004	-0.1681461102+004	-0.2767567949+003	-0.2767567949+003
-0.6800000000+000	=0.1521303333+004	-0.1521303333+004	-0.2185336191+003	-0.2185336191+003
-0.6400000000+000	=0.1367829680+004	-0.1367829680+004	-0.1681702057+003	-0.1681702057+003
-0.6000000000+000	=0.1221984464+004	-0.1221984462+004	-0.1255630236+003	-0.1255630236+003
-0.5600000000+000	=0.1084495029+004	-0.1084495029+004	-0.9036281671+002	-0.9036281669+002
-0.5200000000+000	=0.9558771310+003	-0.9558771310+003	-0.6203738798+002	-0.6203738797+002
-0.4800000000+000	=0.8364418721+003	-0.8364418722+003	-0.3992630486+002	-0.3992630483+002
-0.4400000000+000	=0.7263041441+003	-0.7263041441+003	-0.2328808838+002	-0.2328808836+002
-0.4000000000+000	=0.6253924359+003	-0.6253924359+003	-0.1134043143+002	-0.1134043143+002
-0.3600000000+000	=0.5334599099+003	-0.5334599097+003	-0.3293974297+001	-0.3293974296+001
-0.3200000000+000	=0.4509664009+003	-0.4509664007+003	0.1619850671+001	0.1619850670+001
-0.2800000000+000	=0.3747429133+003	-0.3747429133+003	0.4126410561+001	0.4126410560+001
-0.2400000000+000	=0.3067034689+003	-0.3067034689+003	0.4890422022+001	0.4890422024+001
-0.2000000000+000	=0.2451625989+003	-0.2451625989+003	0.4502999045+001	0.4502999046+001
-0.1600000000+000	=0.1891999770+003	-0.1891999776+003	0.3472754469+001	0.3472754469+001
-0.1200000000+000	=0.1378071302+003	-0.1378071302+003	0.2220528380+001	0.2220528381+001
-0.0800000000+000	=0.8990442761+002	-0.8990442763+002	0.1077332846+001	0.1077332846+001
-0.0400000000+000	=0.4435850569+002	-0.4435850567+002	0.2851204981+000	0.2851204981+000
-0.3365130397-009	=0.3713103959-006	-0.3713103958-006	0.2083634875-014	0.2083634875-016
-0.3999999966-001	=0.4433850691+002	-0.4433850691+002	0.2975394346+000	0.2975394346+000
0.7999999966-001	0.8990442684+002	0.8990442684+002	0.1179815026+001	0.1179815026+001
0.1199999997+000	0.1378071294+003	0.1378071294+003	0.2583879664+001	0.2583879664+001
0.1599999997+000	0.1891999767+003	0.1891999767+003	0.4391342606+001	0.4391342606+001
0.1999999996+000	0.2451625979+003	0.2451625979+003	0.6438768621+001	0.6438768621+001
0.2399999996+000	0.3067034679+003	0.3067034678+003	0.8528621778+001	0.8528621778+001
0.2799999996+000	0.3747429121+003	0.3747429121+003	0.1044049597+002	0.1044049597+002
0.3199999996+000	0.4509663933+003	0.4509663933+003	0.1194230911+002	0.1194230911+002
0.3599999996+000	0.5334599082+003	0.5334599082+003	0.1280181149+002	0.1280181149+002
0.3999999996+000	0.6253924342+003	0.6253924342+003	0.1279647744+002	0.1279647744+002
0.4399999996+000	0.7263041424+003	0.7263041424+003	0.1172446289+002	0.1172446289+002
0.4799999996+000	0.8364418701+003	0.8364418702+003	0.9413582364+001	0.9413582364+001
0.5199999996+000	0.9558771289+003	0.9558771289+003	0.5729873656+001	0.5729873657+001
0.5599999996+000	0.1084495029+004	0.1084495026+004	0.5850344403+000	0.5850344404+000
0.5999999995+000	0.1221984459+004	0.1221984459+004	-0.6097308078+001	-0.6097308079+001
0.6399999995+000	0.1367829677+004	0.1367829677+004	-0.1417660108+002	-0.1417660108+002
0.6799999995+000	0.1521303330+004	0.1521303330+004	-0.2369173219+002	-0.2369173219+002
0.7199999995+000	0.1681461099+004	0.1681461099+004	-0.3445882951+002	-0.3445882951+002
0.7599999995+000	0.1847138019+004	0.1847138015+004	-0.4627055057+002	-0.4627055057+002
0.7999999994+000	0.2016946583+004	0.2016946583+004	-0.5885680839+002	-0.5885680838+002
0.8399999994+000	0.2189276799+004	0.2189276799+004	-0.7188758559+002	-0.7188758559+002
0.8799999994+000	0.2362298180+004	0.2362298180+004	-0.8497595082+002	-0.8497595082+002
0.9199999994+000	0.2533963914+004	0.2533963912+004	-0.9768441531+002	-0.9768441531+002
0.9599999994+000	0.2702017209+004	0.2702017208+004	-0.1095314488+003	-0.1095314488+003

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
0.9600000000+000	0.1169923113+004	0.1169923113+004	0.2438968284+004	0.2438968285+004
0.9200000000+000	0.2084039589+004	0.2084039589+004	0.1861851318+004	0.1861851318+004
0.8800000001+000	0.2901853393+004	0.2901853393+004	0.1371763931+004	0.1371763938+004
0.8400000001+000	0.3624289176+004	0.3624289176+004	0.9639102789+003	0.9639102789+003
0.8000000001+000	0.4253557716+004	0.4253557717+004	0.6322288073+003	0.6322288074+003
0.7600000001+000	0.4793016688+004	0.4793016688+004	0.3695403637+003	0.3695403636+003
0.7200000001+000	0.5247028139+004	0.5247028139+004	0.1680084919+003	0.1680084919+003
0.6800000002+000	0.5620814247+004	0.5620814247+004	0.1952042961+002	0.1952042961+002
0.6400000002+000	0.5920312419+004	0.5920312419+004	-0.8400031488+002	-0.8400031487+002
0.6000000002+000	0.6192033119+004	0.6152031190+004	-0.1903620626+003	-0.1903620626+003
0.5600000002+000	0.6322908018+004	0.6322908018+004	-0.1868871098+003	-0.1868871098+003
0.5200000003+000	0.6440170109+004	0.6440170105+004	-0.2003004282+003	-0.2003004282+003
0.4800000003+000	0.651199289+004	0.651199289+004	-0.1966194874+003	-0.1966194874+003
0.4400000003+000	0.6544081999+004	0.6543401995+004	-0.1810988847+003	-0.1810988847+003
0.4000000003+000	0.6544089159+004	0.6544089156+004	-0.1582049268+003	-0.1582049268+003
0.3600000003+000	0.6520338948+004	0.6520338948+004	-0.1316191712+003	-0.1316191712+003
0.3200000003+000	0.6478927116+004	0.6478927116+004	-0.1042466886+003	-0.1042466886+003
0.2800000003+000	0.6426185609+004	0.6426185605+004	-0.7829477357+002	-0.7829477357+002
0.2400000003+000	0.6367930139+004	0.6367930135+004	-0.5929219242+002	-0.5929219242+002
0.2000000003+000	0.6309373297+004	0.6309373297+004	-0.3617700263+002	-0.3617700263+002
0.1600000003+000	0.6259051678+004	0.6255051678+004	-0.2136851206+002	-0.2136851206+002
0.1200000003+000	0.6208763453+004	0.6208763453+004	-0.1084806839+002	-0.1084806839+002
0.9000000003-001	0.6173516816+004	0.6173516816+004	-0.4242079344+001	-0.4242079344+001
0.4000000003-001	0.6151489552+004	0.6151489552+004	-0.9049613077+000	-0.9049613078+000
0.3385130397-009	0.6144000000+004	0.6144000000+004	-0.5254383610-016	-0.5254383610-016
0.3999999966-001	0.6151489552+004	0.6151489552+004	-0.5763797223+000	-0.5763797223+000
0.7999999966-001	0.6173516816+004	0.6173516815+004	-0.1640899099+001	-0.1640899099+001
0.1999999997+000	0.6208763453+004	0.6208763453+004	-0.2223139688+001	-0.2223139688+001
0.1599999997+000	0.6259051677+004	0.6255051678+004	-0.1433091995+001	-0.1433091995+001
0.1999999996+000	0.6309373296+004	0.6309373296+004	0.1489534939+001	0.1489534939+001
0.2399999996+000	0.6367930134+004	0.6367930134+004	0.7134877461+001	0.7134877461+001
0.2799999996+000	0.6426185609+004	0.6426185604+004	0.1589171637+002	0.1589171637+002
0.3199999996+000	0.6478927116+004	0.6478927115+004	0.2792568060+002	0.2792568060+002
0.3599999996+000	0.6520338948+004	0.6520338948+004	0.4316689183+002	0.4316689183+002
0.3999999996+000	0.6544089159+004	0.6544089155+004	0.6130660129+002	0.6130660129+002
0.4399999996+000	0.6544019999+004	0.6543401995+004	0.8180333903+002	0.8180333903+002
0.4799999996+000	0.6511992909+004	0.6511992909+004	0.1038967163+003	0.1038967163+003
0.5199999996+000	0.6440170109+004	0.6440170107+004	0.1266296999+003	0.1266296999+003
0.5599999996+000	0.6322908020+004	0.6322908021+004	0.1488777816+003	0.1488777816+003
0.5999999995+000	0.6152031190+004	0.6152031193+004	0.1693844629+003	0.1693844629+003
0.6399999995+000	0.5920312423+004	0.5920312423+004	0.1868030728+003	0.1868030728+003
0.6799999995+000	0.5620814252+004	0.5620814252+004	0.1997407339+003	0.1997407339+003
0.7199999995+000	0.5247028143+004	0.5247028143+004	0.2068086939+003	0.2068086939+003
0.7599999995+000	0.4793016688+004	0.4793016688+004	0.2066743287+003	0.2066743287+003
0.7999999994+000	0.4253557727+004	0.4253557727+004	0.1981110028+003	0.1981110028+003
0.8399999994+000	0.3624289187+004	0.3624289187+004	0.1800536148+003	0.1800536148+003
0.8799999994+000	0.2901853406+004	0.2901853406+004	0.1516486749+003	0.1516486749+003
0.9199999994+000	0.2084039603+004	0.2084039603+004	0.1123038071+003	0.1123038071+003
0.9599999994+000	0.1169923128+004	0.1169923129+004	0.6173346666+002	0.6173346666+002

POLYNOMIAL NUMBER 9

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000+000	0,5088256217+005	0,5088256216+005	0,8843384385+003	0,8843384405+003
=0,9200000000+000	0,4944598331+005	0,4944598331+005	0,2123960341+004	0,2123960341+004
=0,8800000001+000	0,4762862927+005	0,4762862927+005	0,2926503610+004	0,2926503610+004
=0,8400000001+000	0,4549578824+005	0,4549578824+005	0,3373971329+004	0,3373971330+004
=0,8000000001+000	0,4311073090+005	0,4311073089+005	0,3541398649+004	0,3541398649+004
=0,7600000001+000	0,4053386969+005	0,4053386968+005	0,3495983275+004	0,3495983275+004
=0,7200000001+000	0,3782202033+005	0,3782202035+005	0,3296649917+004	0,3296649917+004
=0,6800000002+000	0,3502776737+005	0,3502776737+005	0,2993882024+004	0,2993882024+004
=0,6400000002+000	0,3219893413+005	0,3219893413+005	0,2629913207+004	0,2629913207+004
=0,6000000002+000	0,2937815774+005	0,2937815774+005	0,2239048930+004	0,2239048930+004
=0,5600000002+000	0,2660256750+005	0,2660256759+005	0,1848167216+004	0,1848167216+004
=0,5200000003+000	0,2390356527+005	0,2390356527+005	0,1477436734+004	0,1477436734+004
=0,4800000003+000	0,2130670504+005	0,2130670502+005	0,1140961951+004	0,1140961950+004
=0,4400000003+000	0,1883166833+005	0,1883166835+005	0,8475980254+003	0,8475980252+003
=0,4000000003+000	0,1649233197+005	0,1649233197+005	0,6017387191+003	0,6017387190+003
=0,3600000003+000	0,1429692242+005	0,1429692242+005	0,4041089059+003	0,4041089059+003
=0,3200000003+000	0,1224825289+005	0,1224825289+005	0,2525333486+003	0,2525333486+003
=0,2800000003+000	0,1034403638+005	0,1034403638+005	0,1426648725+003	0,1426648725+003
=0,2400000003+000	0,8577268909+004	0,8577268909+004	0,6865872892+002	0,6865872890+002
=0,2000000003+000	0,6936676104+004	0,6936676102+004	0,2378281972+002	0,2378281964+002
=0,1600000003+000	0,5407216139+004	0,5407216139+004	0,9563851336+000	0,9563851327+000
=0,1200000003+000	0,3970631579+004	0,3970631577+004	-0,6787724120+001	-0,6787724123+001
=0,8000000033+001	0,2606042392+004	0,2606042392+004	-0,5919768458+001	-0,5919768457+001
=0,4000000034+001	0,1290572270+004	0,1290572270+004	-0,2109367452+001	-0,2109367453+001
=0,3365130397+009	0,1082225936+004	0,1082225936+004	-0,1866212103+001	-0,1866212103+001
=0,3999999966+001	-0,1290572248+004	-0,1290572248+004	-0,3058903017+001	-0,3058903017+001
=0,7999999966+001	-0,2606042369+004	-0,2606042369+004	-0,1349819611+002	-0,1349819611+002
=0,1199999997+000	-0,3970631553+004	-0,3970631553+004	-0,3226158946+002	-0,3226158946+002
=0,1599999997+000	-0,5407216114+004	-0,5407216114+004	-0,5907120201+002	-0,5907120201+002
=0,1999999996+000	-0,6936676076+004	-0,6936676076+004	-0,9292601660+002	-0,9292601661+002
=0,2399999996+000	-0,8577268881+004	-0,8577268881+004	-0,1302457186+003	-0,1302457186+003
=0,2799999996+000	-0,1034403633+005	-0,1034403635+005	-0,1690510152+003	-0,1690510152+003
=0,3199999996+000	-0,1224825286+005	-0,1224825286+005	-0,2081724023+003	-0,2081724023+003
=0,3599999996+000	-0,1429692238+005	-0,1429692239+005	-0,2344789313+003	-0,2344789313+003
=0,3999999996+000	-0,1649233194+005	-0,1649233194+005	-0,2527186058+003	-0,2527186058+003
=0,4399999996+000	-0,1883166831+005	-0,1883166831+005	-0,2597622196+003	-0,2597622196+003
=0,4799999996+000	-0,2130670498+005	-0,2130670498+005	-0,2398427382+003	-0,2398427382+003
=0,5199999996+000	-0,2390356523+005	-0,2390356523+005	-0,2017827385+003	-0,2017827385+003
=0,5599999996+000	-0,2660256742+005	-0,2660256746+005	-0,1392029301+003	-0,1392029301+003
=0,5999999995+000	-0,2937815769+005	-0,2937815769+005	-0,5070538639+002	-0,5070538623+002
=0,6399999995+000	-0,3219893408+005	-0,3219893409+005	-0,6397420300+002	-0,6397420306+002
=0,6799999995+000	-0,3502776733+005	-0,3502776733+005	-0,2038501808+003	-0,2038501808+003
=0,7199999995+000	-0,3782202031+005	-0,3782202031+005	-0,3666109821+003	-0,3666109821+003
=0,7599999995+000	-0,4053386964+005	-0,4053386964+005	-0,5485840300+003	-0,5485840300+003
=0,7999999994+000	-0,4311073085+005	-0,4311073086+005	-0,7447521760+003	-0,7447521759+003
=0,8399999994+000	-0,4549578824+005	-0,4549578824+005	-0,9488090480+003	-0,9488090480+003
=0,8799999994+000	-0,4762862923+005	-0,4762862923+005	-0,1193267620+004	-0,1193267620+004
=0,9199999994+000	-0,4944598329+005	-0,4944598329+005	-0,1349613209+004	-0,1349613208+004
=0,9399999994+000	-0,5088256214+005	-0,5088256215+005	-0,1528051606+004	-0,1528051606+004

POLYNOMIAL NUMBER 10

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0.9600000000+000	0.7429605710+005	0.7429605710+005	-0.4248369922+005	-0.4248369922+005
=0.9200000000-000	0.4929981752+005	0.4929981752+005	-0.3794562879+005	-0.3794562879+005
=0.8800000001-000	0.2578931967+005	0.2578931966+005	-0.3295187646+005	-0.3295187646+005
=0.8400000001+000	0.3947140730+004	0.3947140738+004	-0.2783877896+005	-0.2783877896+005
=0.8000000001+000	=0.1609398491+005	=0.1609398490+005	-0.2286468884+005	-0.2286468884+005
=0.7600000001+000	=0.3424885160+005	=0.3424885168+005	-0.1821850695+005	-0.1821850695+005
=0.7200000001+000	=0.5047685341+005	=0.5047685341+005	-0.1402859782+005	-0.1402859782+005
=0.6800000002-000	=0.6477852129+005	=0.6477852130+005	-0.1037177040+005	-0.1037177040+005
=0.6400000002+000	=0.7719161260+005	=0.7719161268+005	-0.7282064941+004	-0.7282064941+004
=0.6000000002+000	=0.8778683451+005	=0.8778683451+005	-0.4799137979+004	-0.4799137979+004
=0.5600000002+000	=0.9666328470+005	=0.9666328476+005	-0.2776087996+004	-0.2776087999+004
=0.5200000003+000	=0.1039436942+006	=0.1039436942+006	-0.1286600819+004	-0.1286600819+004
=0.4800000003+000	=0.1097695489+006	=0.1097695489+006	-0.2313355761+003	-0.2313355769+003
=0.4400000003+000	=0.1142961717+006	=0.1142961717+006	0.4564998420+003	0.4564998426+003
=0.4000000003+000	=0.1176878370+006	=0.1176878375+006	0.8464040255+003	0.8464040258+003
=0.3600000003+000	=0.1201129940+006	=0.1201129948+006	0.1006666519+004	0.1006666519+004
=0.3200000003+000	=0.1217396607+006	=0.1217396605+006	0.1001258977+004	0.1001258977+004
=0.2800000003+000	=0.1227310517+006	=0.1227310517+006	0.8874943033+003	0.8874943033+003
=0.2400000003+000	=0.1232415130+006	=0.1232415136+006	0.7144014309+003	0.7144014309+003
=0.2000000003+000	=0.1234127950+006	=0.1234127955+006	0.5217532747+003	0.5217532748+003
=0.1600000003+000	=0.1234707249+006	=0.1233707244+006	0.3396773794+003	0.3396773794+003
=0.1200000003+000	=0.1232223170+006	=0.1232223175+006	0.1887735963+003	0.1887735963+003
=0.8000000033+001	=0.1230533692+006	=0.1230533695+006	-0.8065996937+002	-0.8065996937+002
=0.4000000034+001	=0.1229265452+006	=0.1229265453+006	-0.1886686522+002	-0.1886686522+002
-0.3385130397-009	=0.1228000000+006	=0.1228000000+006	0.1213943798+004	0.1213943798+004
0.3999999966-001	=0.1229265453+006	=0.1229265453+006	-0.1509516939+002	-0.1509516939+002
0.7999999966-001	=0.1230533692+006	=0.1230533695+006	0.5109099200+002	0.5109099200+002
0.1199999997+000	=0.1232223170+006	=0.1232223175+006	0.9235063238+002	0.9235063238+002
0.1599999997+000	=0.1234707249+006	=0.1233707244+006	0.1221690906+003	0.1221690906+003
0.1999999996+000	=0.1234127950+006	=0.1234127955+006	0.1242090676+003	0.1242090676+003
0.2399999996+000	=0.1232415130+006	=0.1232415136+006	0.8381545304+002	0.8381545304+002
0.2799999996+000	=0.1227310517+006	=0.1227310517+006	-0.1083399990+002	-0.1083399996+002
0.3199999996+000	=0.1217396607+006	=0.1217396605+006	-0.1677764223+003	-0.1677764223+003
0.3599999996+000	=0.1201129940+006	=0.1201129948+006	-0.3905365971+003	-0.3905365970+003
0.3999999996+000	=0.1176878370+006	=0.1176878376+006	-0.6776432939+003	-0.6776432934+003
0.4399999996+000	=0.1142961718+006	=0.1142961718+006	-0.1022399738+004	-0.1022399738+004
0.4799999996+000	=0.1097695490+006	=0.1097695490+006	-0.1412911014+004	-0.1412911014+004
0.5199999996+000	=0.1039436943+006	=0.1039436943+006	-0.1832363691+004	-0.1832363690+004
0.5599999996+000	=0.9666328480+005	=0.9666328490+005	-0.2259545928+004	-0.2259545928+004
0.5999999995+000	=0.8778683460+005	=0.8778683467+005	-0.2669589674+004	-0.2669589673+004
0.6399999995+000	=0.7719161280+005	=0.7719161288+005	-0.3034910578+004	-0.3034910578+004
0.6799999995+000	=0.6477852151+005	=0.6477852152+005	-0.3326315850+004	-0.3326315850+004
0.7199999995+000	=0.5047685367+005	=0.5047685367+005	-0.3514245663+004	-0.3514245663+004
0.7599999995+000	=0.3424885197+005	=0.3424885197+005	-0.3570109599+004	-0.3570109599+004
0.7999999994+000	=0.1609398522+005	=0.1609398522+005	-0.3467676916+004	-0.3467676916+004
0.8399999994+000	0.3947140381+004	0.3947140387+004	-0.3184476731+004	-0.3184476731+004
0.8799999994+000	0.2578931928+005	0.2578931928+005	-0.2703163031+004	-0.2703163031+004
0.9199999994+000	0.4929981712+005	0.4929981712+005	-0.2012799029+004	-0.2012799029+004
0.9599999994+000	0.7429605660+005	0.7429605667+005	-0.1110019600+004	-0.1110019600+004

POLYNOMIAL NUMBER 11

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
-0,9600000000+000	=0,9767679379+006	-0,9767679379+006	0,1506180090+006	0,1506180090+006
=0,9200000000-000	=0,9970999686+006	-0,9970999686+006	0,1074799284+006	0,1074799284+006
=0,8800000001+000	=0,1002440641+007	-0,1002440641+007	0,7122199052+005	0,7122199052+005
=0,8400000001+000	=0,9942761448+006	-0,9942761448+006	0,4171522263+005	0,4171522263+005
=0,8000000001+000	=0,9741864550+006	-0,9741864550+006	0,1856774022+005	0,1856774022+005
=0,7600000001+000	=0,9438033870+006	-0,9438033870+006	0,1201445511+004	0,1201445507+004
=0,7200000001+000	=0,9047711160+006	-0,9047711160+006	-0,1108124998+005	-0,1108124998+005
-0,6800000002+000	=0,8587096711+006	-0,8587096711+006	-0,1904072764+005	-0,1904072764+005
-0,6400000002+000	=0,8071818154+006	-0,8071818154+006	-0,2345326473+005	-0,2345326473+005
-0,6000000002+000	=0,7510636717+006	-0,7510636717+006	-0,2507349522+005	-0,2507349522+005
-0,5600000002+000	=0,6935193639+006	-0,6935193640+006	-0,2460561546+005	-0,2460561546+005
-0,5200000003+000	=0,6339798780+006	-0,6339798780+006	-0,2268259471+005	-0,2268259471+005
-0,4800000003+000	=0,5741262770+006	-0,5741262775+006	-0,1985256180+005	-0,1985256180+005
-0,4400000003+000	=0,5148773349+006	-0,5148773350+006	-0,1697148400+005	-0,1697148400+005
-0,4000000003+000	=0,4569815730+006	-0,4569815735+006	-0,1320122814+005	-0,1320122814+005
-0,3600000003+000	=0,4010136490+006	-0,4010136496+006	-0,1001209323+005	-0,1001209323+005
-0,3200000003+000	=0,3473749463+006	-0,3473749463+006	-0,7188923975+004	-0,7188923975+004
-0,2800000003+000	=0,2962981890+006	-0,2962981895+006	-0,4839953123+004	-0,4839953123+004
-0,2400000003+000	=0,2478558420+006	-0,2478558426+006	-0,3007572670+004	-0,3007572669+004
-0,2000000003+000	=0,2019719920+006	-0,2019719925+006	-0,1680298619+004	-0,1680298614+004
-0,1600000003+000	=0,1584373860+006	-0,1584373869+006	-0,8052664529+003	-0,8052664528+003
-0,1200000003+000	=0,1169272500+006	-0,1169272510+006	-0,3006738216+003	-0,3006738216+003
-0,8000000003+001	=0,7702147184+005	-0,7702147183+005	-0,6766970160+002	-0,6766970168+002
-0,4000000003+001	=0,3822671360+005	-0,3822671365+005	-0,1274465542+001	-0,1274465528+001
-0,3365130397+009	=0,3207911504+003	-0,3207911505+003	0,9312941882+019	0,9312941884+019
0,3999999966+001	=0,3822671300+005	0,3822671300+005	0,2607752914+002	0,2607752914+002
0,7999999966+001	=0,7702147110+005	0,7702147117+005	0,1489593849+003	0,1489593849+003
0,1199999997+000	=0,1169272500+006	0,1169272503+006	0,4181714971+003	0,4181714971+003
0,1599999997+000	=0,1584373860+006	0,1584373862+006	0,8580375630+004	0,8580375630+004
0,1999999966+000	=0,2019719918+006	0,2019719918+006	0,1466733791+004	0,1466733791+004
0,2399999966+000	=0,2478558418+006	0,2478558418+006	0,2217023447+004	0,2217023447+004
0,2799999966+000	=0,2962981880+006	0,2962981886+006	0,3058519233+004	0,3058519233+004
0,3199999966+000	=0,3473749450+006	0,3473749455+006	0,3921279176+004	0,3921279176+004
0,3599999966+000	=0,4010136480+006	0,4010136486+006	0,4720507608+004	0,4720507608+004
0,3999999966+000	=0,4569815720+006	0,4569815726+006	0,5362106897+004	0,5362106897+004
0,4399999966+000	=0,5148773340+006	0,5148773340+006	0,5748807661+004	0,5748807661+004
0,4799999966+000	=0,5741262760+006	0,5741262765+006	0,5786596743+004	0,5786596743+004
0,5199999966+000	=0,6339798770+006	0,6339798770+006	0,5391158437+004	0,5391158437+004
0,5599999966+000	=0,6935193620+006	0,6935193630+006	0,4494053161+004	0,4494053161+004
0,5999999966+000	=0,7510636700+006	0,7510636707+006	0,3048368893+004	0,3048368893+004
0,6399999966+000	=0,8071818140+006	0,8071818143+006	0,1033599964+004	0,1033599964+004
0,6799999966+000	=0,8587096700+006	0,8587096704+006	-0,1540461102+004	-0,1540461102+004
0,7199999966+000	=0,9047711150+006	0,9047711150+006	-0,4631012904+004	-0,4631012903+004
0,7599999966+000	=0,9438033870+006	0,9438033870+006	-0,8160859931+004	-0,8160859930+004
0,7999999966+000	=0,9741864551+006	0,9741864551+006	-0,1201846840+005	-0,1201846840+005
0,8399999966+000	=0,9942761448+006	0,9942761446+006	-0,1605953017+005	-0,1605953017+005
0,8799999966+000	=0,1002440641+007	0,1002440641+007	-0,2011005820+005	-0,2011005820+005
0,9199999966+000	=0,9970999688+006	0,9970999688+006	-0,2397098984+005	-0,2397098984+005
0,9599999966+000	=0,9767679384+006	0,9767679384+006	-0,2742422766+005	-0,2742422766+005

X	SINGLE-P	DOUBLE-P	SINGLE-P	DOUBLE-T
=0,9600000000+000	=0,3658499811+007	=0,3658499811+007	0,2592513889+004	0,2592513889+004
=0,9200000000+000	=0,3017859563+007	=0,3017859563+007	0,3441896507+006	0,3441896507+006
=0,8800000000+000	=0,2383239200+007	=0,2383239201+007	0,3912428448+006	0,3912428448+006
=0,8400000000+000	=0,1767119301+007	=0,1765115301+007	0,4032635398+006	0,4032635398+006
=0,8000000000+000	=0,1172442691+007	=0,1172442691+007	0,3904499119+006	0,3904499119+006
=0,7600000000+000	=0,6126087094+006	=0,6126087091+006	0,3601410507+006	0,3601410507+006
=0,7200000000+000	=0,9142592639+005	=0,9142592635+005	0,3186914564+006	0,3186914564+006
=0,6800000000+000	=0,3868393580+006	=0,3868393579+006	0,2714122544+006	0,2714122544+006
=0,6400000000+000	=0,8194059803+006	=0,8194059803+006	0,2225680071+006	0,2225680071+006
=0,6000000000+000	=0,1204887624+007	=0,1204887622+007	0,1754179442+006	0,1754179442+006
=0,5600000000+000	=0,1543177146+007	=0,1543177146+007	0,1322912794+006	0,1322912794+006
=0,5200000000+000	=0,1833095884+007	=0,1833095880+007	0,9468710433+005	0,9468710433+005
=0,4800000000+000	=0,2084307948+007	=0,2083307948+007	0,6339029448+005	0,6339029448+005
=0,4400000000+000	=0,2290016066+007	=0,2290016067+007	0,3859587710+005	0,3859587710+005
=0,4000000000+000	=0,2458922842+007	=0,2458922841+007	0,2003535820+005	0,2003535820+005
=0,3600000000+000	=0,2594982044+007	=0,2593982047+007	0,7099563291+004	0,7099563291+004
=0,3200000000+000	=0,2699431882+007	=0,2699431885+007	=0,1046420245+004	=0,1046420245+004
=0,2800000000+000	=0,2779618252+007	=0,2779618255+007	=0,5359606068+004	=0,5359606068+004
=0,2400000000+000	=0,2838825524+007	=0,2838825522+007	=0,6829248395+004	=0,6829248395+004
=0,2000000000+000	=0,2881118292+007	=0,2881118295+007	=0,6402348818+004	=0,6402348818+004
=0,1600000000+000	=0,2910197424+007	=0,2910197422+007	=0,4925328416+004	=0,4925328416+004
=0,1200000000+000	=0,2929273079+007	=0,2929273079+007	=0,3101962585+004	=0,3101962585+004
=0,8000000003+001	=0,2940957433+007	=0,2940957433+007	=0,1467032832+004	=0,1467032832+004
=0,4000000003+001	=0,2945178949+007	=0,2944718949+007	=0,3746864162+003	=0,3746864162+003
=0,3385130397+009	=0,2949120000+007	=0,2949120000+007	=0,2614146430+013	=0,2614146430+013
0,3999999966+001	=0,2947178949+007	=0,2947178949+007	=0,3519722430+003	=0,3519722430+003
0,7999999966+001	=0,2940957433+007	=0,2940957433+007	=0,1295905108+004	=0,1295905108+004
0,1199999997+000	=0,2929273080+007	=0,2929273080+007	=0,2582994483+004	=0,2582994483+004
0,1999999997+000	=0,2910197424+007	=0,2910197422+007	=0,3884884921+004	=0,3884884921+004
0,1599999996+000	=0,2881118292+007	=0,2881118295+007	=0,4830955418+004	=0,4830955418+004
0,2399999996+000	=0,2838825524+007	=0,2838825523+007	=0,5046184701+004	=0,5046184701+004
0,2799999996+000	=0,2779618252+007	=0,2779618256+007	=0,4187587699+004	=0,4187587699+004
0,3199999996+000	=0,2699431887+007	=0,2699431887+007	=0,1977411236+004	=0,1977411236+004
0,3599999996+000	=0,2594982050+007	=0,2593982049+007	=0,1768482201+004	=0,1768482201+004
0,3999999996+000	=0,2458922844+007	=0,2458922844+007	=0,7118337637+004	=0,7118337637+004
0,4399999996+000	=0,2290016070+007	=0,2290016070+007	=0,1400933018+005	=0,1400933018+005
0,4799999996+000	=0,2083307952+007	=0,2083307952+007	=0,2224015966+005	=0,2224015966+005
0,5199999996+000	=0,1833095922+007	=0,1833095922+007	=0,3147176171+005	=0,3147176171+005
0,5599999996+000	=0,1543177151+007	=0,1543177151+007	=0,4123615177+005	=0,4123615177+005
0,5999999995+000	=0,1204887628+007	=0,1204887628+007	=0,5095309852+005	=0,5095309852+005
0,6399999995+000	=0,8194059872+006	=0,8194059873+006	=0,5995401959+005	=0,5995401959+005
0,6799999995+000	=0,3868393652+006	=0,3868393655+006	=0,6751221226+005	=0,6751221226+005
0,7199999995+000	=0,9142591812+005	=0,9142591797+005	=0,7287828049+005	=0,7287828049+005
0,7599999995+000	=0,6126086992+006	=0,6126087000+006	=0,7531940467+005	=0,7531940467+005
0,7999999994+000	=0,1172442682+007	=0,1172442682+007	=0,7416092569+005	=0,7416092569+005
0,8399999994+000	=0,1767115291+007	=0,1765115291+007	=0,6882858429+005	=0,6882858429+005
0,8799999994+000	=0,2383239190+007	=0,2383239190+007	=0,5888967462+005	=0,5888967462+005
0,9199999994+000	=0,3017859552+007	=0,3017859552+007	=0,4409133898+005	=0,4409133898+005
0,9599999994+000	=0,3658499801+007	=0,3658499801+007	=0,2439425026+005	=0,2439425026+005

POLYNOMIAL NUMBER 13

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000+000	0,1837164677+008	0,1837164675+008	-0,4329861643+007	=0,4329861643+007
=0,9200000000+000	0,2037173757+008	0,2037173759+008	-0,3693926665+007	=0,3693926664+007
=0,8800000001+000	0,2186895564+008	0,2186895568+008	-0,3037956888+007	=0,3037956888+007
=0,8400000001+000	0,2288578609+008	0,2288578606+008	-0,2401744798+007	=0,2401744799+007
=0,8000000001+000	0,2345293954+008	0,2345293954+008	-0,1814109968+007	=0,1814109968+007
=0,7600000001+000	0,2360772284+008	0,2360772284+008	-0,1294128300+007	=0,1294128300+007
=0,7200000001+000	0,2339239574+008	0,2339239570+008	-0,892511105+006	=0,8925111106+006
=0,6800000002+000	0,2282552294+008	0,2282552298+008	-0,4930491669+006	=0,4930491669+006
=0,6400000002+000	0,2204556687+008	0,2203556685+008	-0,2140512394+006	=0,2140512393+006
=0,6000000002+000	0,2098912061+008	0,2098912061+008	-0,9720526886+004	=0,9720526882+004
=0,5600000002+000	0,1975986187+008	0,1975986187+008	0,1285747482+006	0,1285747482+006
=0,5200000003+000	0,1839219880+008	0,1839219880+008	0,2111682865+006	0,2111682865+006
=0,4800000003+000	0,1692725884+008	0,1692725884+008	0,2491210860+006	0,2491210860+006
=0,4400000003+000	0,1540202487+008	0,1540202485+008	0,2534165220+006	0,2534165220+006
=0,4000000003+000	0,1384865917+008	0,1384865919+008	0,2343280159+006	0,2343280159+006
=0,3600000003+000	0,1229402199+008	0,1229402196+008	0,2009552388+006	0,2009552388+006
=0,3200000003+000	0,1075938501+008	0,1075938501+008	0,1609188769+006	0,1609188769+006
=0,2800000003+000	0,9260339154+007	0,9260339150+007	0,1201995602+006	0,1201995602+006
=0,2400000003+000	0,7806888164+007	0,7806888161+007	0,8310313478+005	0,8310313479+005
=0,2000000003+000	0,6406719127+007	0,6463719125+007	0,5233220669+005	0,5233220669+005
=0,1600000003+000	0,5050635237+007	0,5050635237+007	0,2914262621+005	0,2914262621+005
=0,1200000003+000	0,3743134069+007	0,3743134066+007	0,1356322022+005	0,1356322022+005
=0,8000000033+001	0,2473111454+007	0,2473111459+007	0,4657524359+004	0,4657524359+004
=0,4000000034+001	0,1229668873+007	0,1229668873+007	0,8073859879+003	0,8073859879+003
=0,3365130397+009	0,1032540458+001	0,1032540458+001	0,3179446566+013	0,3179446566+013
=0,3999999995+001	0,1229668852+007	-0,1229668852+007	0,1020810697+003	0,1020810697+003
0,7999999996+001	-0,2473111434+007	-0,2473111438+007	-0,8926410588+003	=0,8926410594+003
0,1199999997+000	-0,3743134044+007	-0,3743134044+007	-0,4653702647+004	=0,4653702646+004
0,1599999997+000	-0,5050635214+007	-0,5050635215+007	-0,1235721974+005	=0,1235721973+005
0,1999999996+000	-0,6403719102+007	-0,6403719102+007	-0,2453361472+005	=0,2453361472+005
0,2399999996+000	-0,7806888137+007	-0,7806888137+007	-0,4110431508+005	=0,4110431508+005
0,2799999996+000	-0,9260339122+007	-0,9260339126+007	-0,6125729683+005	=0,6125729683+005
0,3199999996+000	-0,1075938494+008	-0,1075938499+008	-0,8357866259+005	=0,8357866259+005
0,3599999996+000	-0,1229402194+008	-0,1229402194+008	-0,1061148246+006	=0,1061148246+006
0,3999999996+000	-0,1384865910+008	-0,1384865916+008	-0,1265083560+006	=0,1265083560+006
0,4399999996+000	-0,1540202482+008	-0,1540202482+008	-0,1421642184+006	=0,1421642184+006
0,4799999996+000	-0,1692725882+008	-0,1692725882+008	-0,1504348944+006	=0,1504348944+006
0,5199999996+000	-0,1839219878+008	-0,1839219878+008	-0,1488183769+006	=0,1488183769+006
0,5599999996+000	-0,1975986184+008	-0,1975986185+008	-0,1351569831+006	=0,1351569831+006
0,5999999995+000	-0,2098912057+008	-0,2098912059+008	-0,1078265901+006	=0,1078265901+006
0,6399999995+000	-0,2204556683+008	-0,2203556684+008	-0,6590609335+005	=0,6590609337+005
0,6799999995+000	-0,2282552297+008	-0,2282552297+008	-0,9317671682+004	=0,9317671682+004
0,7199999995+000	-0,2339239564+008	-0,2339239569+008	-0,6107044673+005	=0,6107044673+005
0,7599999995+000	-0,2360772284+008	-0,2360772284+008	-0,1433856041+006	=0,1433856041+006
0,7999999994+000	-0,2342939554+008	-0,2345293955+008	-0,2347419344+006	=0,2347419344+006
0,8399999994+000	-0,2288578607+008	-0,2288578608+008	0,3312845168+006	0,3312845168+006
0,8799999994+000	-0,2186895574+008	-0,2186895570+008	0,4282877583+006	0,4282877583+006
0,9199999994+000	-0,2037173764+008	-0,2037173762+008	0,5203071622+006	0,5203071622+006
0,9599999994+000	-0,1837164670+008	-0,1837164679+008	0,6013814685+006	0,6013814685+006

POLYNOMIAL NUMBER 14

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000+000	0,1377115562+009	0,1377115565+009	0,1079102431+008	0,1079102430+008
=0,9200000000+000	0,1219840664+009	0,1219840664+009	0,5876126853+007	0,5876126850+007
=0,8800000001+000	0,1052200590+009	0,1052200596+009	0,2032889624+007	0,2032889623+007
=0,8400000001+000	0,8787134902+008	0,8787134902+008	=0,8399045781+006	=0,8399045780+006
=0,8000000001+000	0,7039309863+008	0,7035309863+008	=0,2840002002+007	=0,2840002003+007
=0,7600000001+000	0,5303678258+008	0,5303678258+008	=0,4088053601+007	=0,4088053602+007
=0,7200000001+000	0,3624497579+008	0,3624497575+008	=0,4715956733+007	=0,4715956733+007
=0,6800000002+000	0,2024797003+008	0,2024797004+008	=0,4897248905+007	=0,4897248905+007
=0,6400000002+000	0,5262158123+007	0,5262158123+007	=0,4639544108+007	=0,4639544108+007
=0,6000000002+000	=0,8549908666+007	=0,8549908667+007	=0,4178924976+007	=0,4178924976+007
=0,5600000002+000	=0,2107791479+008	=0,2107791479+008	=0,3576143921+007	=0,3576143921+007
=0,5200000003+000	=0,3226078170+008	=0,3226078169+008	=0,2914442095+007	=0,2914442094+007
=0,4800000003+000	=0,4208245404+008	=0,4208245405+008	=0,2258765488+007	=0,2258765488+007
=0,4400000003+000	=0,5056666799+008	=0,5036666799+008	=0,1656140634+007	=0,1656140633+007
=0,4000000003+000	=0,5777091221+008	=0,5777091221+008	=0,1136967044+007	=0,1136967044+007
=0,3600000003+000	=0,6377980151+008	=0,6377980151+008	=0,7169877687+006	=0,7169877687+006
=0,3200000003+000	=0,6869808637+008	=0,6869808638+008	=0,3997117499+006	=0,3997117499+006
=0,2800000003+000	=0,7264352121+008	=0,7264352122+008	=0,1790803287+006	=0,1790803286+006
=0,2400000003+000	=0,7573980830+008	=0,7573980830+008	=0,4219381277+005	=0,4219381276+005
=0,2000000003+000	=0,7810982459+008	=0,7810982460+008	=0,2805907554+005	=0,2805907562+005
=0,1600000003+000	=0,7986932453+008	=0,7986932453+008	=0,5059701316+005	=0,5059701317+005
=0,1200000003+000	=0,8112129404+008	=0,8112129405+008	=0,4406548825+005	=0,4406548826+005
=0,8000000033+001	=0,8195111029+008	=0,8195111030+008	=0,2514853535+005	=0,2514853535+005
=0,4000000034+001	=0,8242263709+008	=0,8242263709+008	=0,7313111330+004	=0,7313111330+004
=0,3365130397+009	=0,8257536000+008	=0,8257536000+008	=0,5638062310-012	=0,5638062311-012
0,3999999966-001	=0,8242263707+008	=0,8242263707+008	=0,8251338189+004	=0,8251338189+004
0,7999999966-001	=0,8195111029+008	=0,8195111031+008	=0,3274418215+005	=0,3274418215+005
0,1199999997+000	=0,8112129409+008	=0,8112129407+008	=0,7018238425+005	=0,7018238424+005
0,1599999997+000	=0,7986932453+008	=0,7986932456+008	=0,1139856072+006	=0,1139856073+006
0,1999999996+000	=0,7810982463+008	=0,7810982463+008	=0,1552047136+006	=0,1552047136+006
0,2399999996+000	=0,7573980837+008	=0,7573980835+008	=0,1835869918+006	=0,1835869918+006
0,2799999996+000	=0,7264352127+008	=0,7264352128+008	=0,1887126123+006	=0,1887126122+006
0,3199999996+000	=0,6869808643+008	=0,6869808645+008	=0,1611251229+006	=0,1611251228+006
0,3599999996+000	=0,6377980160+008	=0,6377980160+008	=0,9338340274+005	=0,9338340274+005
0,3999999996+000	=0,5777091232+008	=0,5777091232+008	=0,1903007596+005	=0,1903007591+005
0,4399999996+000	=0,5056666812+008	=0,5056666812+008	=0,1769999977+006	=0,1769999977+006
0,4799999996+000	=0,4208245420+008	=0,4208245420+008	=0,3773115415+006	=0,3773115414+006
0,5199999996+000	=0,3226078187+008	=0,3226078187+008	=0,6124566391+006	=0,6124566389+006
0,5599999996+000	=0,2107791499+008	=0,2107791499+008	=0,8707294972+006	=0,8707294972+006
0,5999999995+000	=0,8549908891+007	=0,8549908887+007	=0,1136613092+007	=0,1136613090+007
0,6399999995+000	0,5262157882+007	0,5262157882+007	=0,1391444083+007	=0,1391444083+007
0,6799999995+000	0,2024796978+008	0,2024796978+008	=0,1614329784+007	=0,1614329784+007
0,7199999995+000	0,3624497549+008	0,3624497548+008	=0,1783278182+007	=0,1783278182+007
0,7599999995+000	0,5303678229+008	0,5303678229+008	=0,1876490802+007	=0,1876490802+007
0,7999999994+000	0,7035309834+008	0,7035309833+008	=0,1873758991+007	=0,1873758991+007
0,8399999994+000	0,8787134872+008	0,8787134873+008	=0,1757897069+007	=0,1757897069+007
0,8799999994+000	0,1052200593+009	0,1052200593+009	=0,1516141253+007	=0,1516141253+007
0,9199999994+000	0,1219840664+009	0,1219840667+009	=0,1141441282+007	=0,1141441282+007
0,9599999994+000	0,1377115564+009	0,1377115562+009	=0,6335725244+006	=0,6335725244+006

POLYNOMIAL NUMBER 15

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000+000	=0,2867432144+009	=0,2867432141+009	0,7043238743+008	0,7043238746+008
=0,9200000000+000	=0,3867014482+009	=0,3867014482+009	0,7347776668+008	0,7347776668+008
=0,8800000000+000	=0,4708813657+009	=0,4708813655+009	0,7134321411+008	0,7134321411+008
=0,8400000000+000	=0,5389497154+009	=0,5389497155+009	0,6555621359+008	0,6555621360+008
=0,8000000000+000	=0,5910232284+009	=0,5910232284+009	0,5739086637+008	0,5739086637+008
=0,7600000000+000	=0,6270157775+009	=0,6276157757+009	0,4803728447+008	0,4803728447+008
=0,7200000000+000	=0,6495791058+009	=0,6495791059+009	0,3838818004+008	0,3838818004+008
=0,6800000000+000	=0,6580393501+009	=0,6580393501+009	0,2913963466+008	0,2913963466+008
=0,6400000000+000	=0,6543314431+009	=0,6543314431+009	0,2078303689+008	0,2078303689+008
=0,6000000000+000	=0,6399335084+009	=0,6399335087+009	0,1362529362+008	0,1362529362+008
=0,5600000000+000	=0,6164031208+009	=0,6164031206+009	0,7814625583+007	0,7814625583+007
=0,5200000000+000	=0,5853171774+009	=0,5853171770+009	0,3369528522+007	0,3369528522+007
=0,4800000000+000	=0,5482169213+009	=0,5482169213+009	0,2087975557+006	0,2087975556+006
=0,4400000000+000	=0,5065594133+009	=0,5065594134+009	-0,1819144545+007	-0,1819144549+007
=0,4000000000+000	=0,4616765054+009	=0,4616765054+009	0,2909020690+007	0,2909020691+007
=0,3600000000+000	=0,4147421164+009	=0,4147421161+009	-0,3274629478+007	-0,3274629479+007
=0,3200000000+000	=0,3667483257+009	=0,3667483257+009	0,3128651781+007	0,3128651781+007
=0,2800000000+000	=0,3184905464+009	=0,3184905465+009	0,2666742925+007	0,2666742925+007
=0,2400000000+000	=0,2705617528+009	=0,2705617529+009	0,2056040848+007	0,2056040848+007
=0,2000000000+000	=0,2234559330+009	=0,2233555037+009	-0,1427979159+007	-0,1427979159+007
=0,1600000000+000	=0,1770577241+009	=0,1770772410+009	0,8730933321+006	0,8730933321+006
=0,1200000000+000	=0,1317631320+009	=0,1317631326+009	-0,4513504195+006	-0,4513504196+006
=0,8000000033+001	=0,8730552143+008	=0,8730552147+008	0,1754164694+006	0,1754164694+006
=0,4000000034+001	=0,4348387724+008	=0,4348387721+008	-0,3620330685+005	-0,3620330686+005
=0,3365130397+009	=0,3653375085+008	=0,3653375083+008	-0,1954268333+011	-0,1954268333+011
=0,3999999966+001	0,4348387647+008	0,4348387647+008	0,1849667703+005	0,1849667703+005
0,7999999966+001	0,8730552071+008	0,8730552072+008	-0,3704062765+005	-0,3704062765+005
0,1999999997+000	0,1317631319+009	0,1317631319+009	0,2524727516+004	0,2524727528+004
0,1599999997+000	0,1770772402+009	0,1770772403+009	0,1256098928+006	0,1256098928+006
0,1999999996+000	0,2233555029+009	0,2233555029+009	0,3896764409+006	0,3896764409+006
0,2399999996+000	0,2705617521+009	0,2705617521+009	0,7896559964+006	0,7896559964+006
0,2799999996+000	0,3184905456+009	0,3184905456+009	0,1320943556+007	0,1320943556+007
0,3199999996+000	0,3667483249+009	0,3667483249+009	0,1953920260+007	0,1953920260+007
0,3599999996+000	0,4147421153+009	0,4147421153+009	0,2639454684+007	0,2639454684+007
0,3999999996+000	0,4616765049+009	0,4616765046+009	0,3312053348+007	0,3312053348+007
0,4399999996+000	0,5065594126+009	0,5065594126+009	0,3894509677+007	0,3894509677+007
0,4799999996+000	0,5482169208+009	0,5482169206+009	0,4303711258+007	0,4303711258+007
0,5199999996+000	0,5853171764+009	0,5853171764+009	0,4457236173+007	0,4457236172+007
0,5599999996+000	0,6164031202+009	0,6164031202+009	0,4280323520+007	0,4280323520+007
0,5999999995+000	0,6399335084+009	0,6399335084+009	0,3712781818+007	0,3712781817+007
0,6399999995+000	0,6543314429+009	0,6543314430+009	0,2715398168+007	0,2715398168+007
0,6799999995+000	0,6580393501+009	0,6580393501+009	0,1275430527+007	0,1275430527+007
0,7199999995+000	0,6495791062+009	0,6495791061+009	0,5801958312+006	0,5801958309+006
0,7599999995+000	0,6276157761+009	0,6276157761+009	0,2827310121+007	0,2827310120+007
0,7999999994+000	0,5910232291+009	0,5910232291+009	0,5353786697+007	0,5353786695+007
0,8399999994+000	0,5389497164+009	0,5389497164+009	0,4050870372+007	0,4050870372+007
0,8799999994+000	0,4708813668+009	0,4708813667+009	-0,1077160781+008	-0,1077160781+008
0,9199999994+000	0,3867014497+009	0,3867014497+009	-0,1334535561+008	-0,1334535561+008
0,9599999994+000	0,2867432150+009	0,2867432158+009	-0,1958523238+008	-0,1958523238+008

POLYNOMIAL NUMBER 16

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
-0.960000000000000	-0.4957316778+010	-0.4957316779+010	-0.5771236394+009	-0.5771236394+009
-0.920000000000000	-0.4615020742+010	-0.4615020743+010	-0.4466861759+009	-0.4466861759+009
-0.880000000000000	-0.4195793111+010	-0.4195793111+010	-0.3251713945+009	-0.3251713945+009
-0.840000000000000	-0.3717318691+010	-0.3717318691+010	-0.2176559379+009	-0.2176559379+009
-0.800000000000000	-0.3196936322+010	-0.3196936322+010	-0.1270870629+009	-0.1270870629+009
-0.760000000000000	-0.2651153024+010	-0.2651153024+010	-0.5462574052+008	-0.5462574051+008
-0.720000000000000	-0.2092333137+010	-0.2092333137+010	-0.8550804688+008	-0.8550812068+008
-0.680000000000000	-0.1542868557+010	-0.1542868558+010	0.3809379688+008	0.3809379686+008
-0.640000000000000	-0.1005933307+010	-0.1005933307+010	0.6173887394+008	0.6173887393+008
-0.600000000000000	-0.4943231334+009	-0.4943231334+009	0.7340895977+008	0.7340895977+008
-0.560000000000000	-0.1587822212+008	-0.1587822208+008	0.7575039797+008	0.7575039797+008
-0.520000000000000	0.4236151499+009	0.4236151498+009	0.7136101195+008	0.7136101194+008
-0.480000000000000	0.8203502847+009	0.8203502847+009	0.6262739290+008	0.6262739290+008
-0.440000000000000	0.1172361091+010	0.1172361092+010	0.5161107404+008	0.5161107403+008
-0.400000000000000	0.1479327986+010	0.1479327986+010	0.3998033516+008	0.3998033516+008
-0.360000000000000	0.1742339324+010	0.1742339324+010	0.2898264970+008	0.2898264970+008
-0.320000000000000	0.1963619837+010	0.1963619835+010	0.1945156968+008	0.1945156968+008
-0.280000000000000	0.2146237979+010	0.2146237973+010	0.1184111109+008	0.1184111109+008
-0.240000000000000	0.2293804224+010	0.2293804224+010	0.6280408062+007	0.6280408062+007
-0.200000000000000	0.2410172187+010	0.2410172185+010	0.2641495859+007	0.2641495857+007
-0.160000000000000	0.2499153668+010	0.2499153668+010	0.6135002085+006	0.6135002085+006
-0.120000000000000	0.2564258257+010	0.2564258258+010	-0.2228087309+006	-0.2228087311+006
-0.080000000000000	0.2608466649+010	0.2608466646+010	-0.3252594154+006	-0.3252594153+006
-0.040000000000000	0.2634045679+010	0.2634045676+010	-0.1294642334+006	-0.1294642333+006
-0.3365130397+009	0.2642411520+010	0.2642411520+010	-0.1187803780+010	-0.1187803780+010
0.3999999966-001	0.2634045679+010	0.2634045676+010	-0.1955238493+006	-0.1955238493+006
0.7999999966-001	0.2608466649+010	0.2608466646+010	0.8486823454+006	0.8486823453+006
0.1199999997+000	0.2564258257+010	0.2564258258+010	-0.1960663239+007	-0.1960663238+007
0.1599999997+000	0.2499153668+010	0.2499153669+010	0.3409341623+007	0.3409341623+007
0.1999999996+000	0.2410172187+010	0.2410172187+010	-0.4969214286+007	-0.4969214287+007
0.2399999996+000	0.2293804224+010	0.2293804224+010	0.6340718917+007	0.6340718917+007
0.2799999996+000	0.2146237979+010	0.2146237975+010	-0.7186111865+007	-0.7186111864+007
0.3199999996+000	0.1963619837+010	0.1963619839+010	-0.7168834996+007	-0.7168834996+007
0.3599999996+000	0.1742339324+010	0.1742339328+010	-0.5993237274+007	-0.5993237279+007
0.3999999996+000	0.1479327991+010	0.1479327991+010	-0.3441621893+007	-0.3441621893+007
0.4399999996+000	0.1172361097+010	0.1172361097+010	0.5941491599+006	0.5941491599+006
0.4799999996+000	0.8203502911+009	0.8203502910+009	0.6088863450+007	0.6088863449+007
0.5199999996+000	0.4236151567+009	0.4236151568+009	0.1286983916+008	0.1286983916+008
0.5599999996+000	=0.1587821444+008	-0.1587821438+008	0.2061374122+008	0.2061374122+008
0.5999999995+000	-0.4943231244+009	-0.4943231251+009	0.2885494113+008	0.2885494118+008
0.6399999995+000	-0.1005933294+010	-0.1005933299+010	0.3700534763+008	0.3700534763+008
0.6799999995+000	-0.1542868548+010	-0.1542868548+010	0.4438495843+008	0.4438495843+008
0.7199999995+000	-0.2095233129+010	-0.2095233127+010	0.5026173874+008	0.5026173876+008
0.7599999995+000	-0.2651153012+010	-0.2651153012+010	0.5389885132+008	0.5389885132+008
0.7999999994+000	-0.3196936314+010	-0.3196936313+010	0.5460676642+008	0.5460676648+008
0.8399999994+000	-0.3717318684+010	-0.3717318682+010	0.5179739645+008	0.5179739648+008
0.8799999994+000	-0.4195793103+010	-0.4195793104+010	0.4503714098+008	0.4503714098+008
0.9199999994+000	-0.4615020739+010	-0.4615020736+010	0.3409581282+008	0.3409581281+008
0.9599999994+000	=0.4957316773+010	-0.4957316774+010	0.1898684929+008	0.1898684929+008

POLYNOMIAL NUMBER 17

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0.9600000000+000	0.2312210622+009	0.2312210627+009	0.1493530436+009	0.1493530429+009
=0.9200000000+000	0.4658211071+010	0.4656211072+010	-0.4890588848+009	=0.4890588750+009
=0.8800000000+000	0.8625370550+010	0.8625370549+010	-0.9176519798+009	=0.9176519800+009
=0.8400000001+000	0.1207919492+011	0.1207919492+011	=0.1165112556+010	=0.1165112597+010
=0.8000000001+000	0.1497969162+011	0.1497969165+011	=0.1264212565+010	=0.1264212569+010
=0.7600000001+000	0.1730918378+011	0.1730918378+011	=0.1248835927+010	=0.1248835928+010
=0.7200000001+000	0.1908553888+011	0.1908553888+011	=0.1151615986+010	=0.1151615986+010
=0.6800000002+000	0.2027503666+011	0.2027503666+011	=0.1002184197+010	=0.1002184197+010
=0.6400000002+000	0.2099967443+011	0.2099967443+011	=0.8259946134+009	=0.8259946133+009
=0.6000000002+000	0.2116455154+011	0.2116455153+011	=0.6436674798+009	=0.6436674798+009
=0.5600000002+000	0.2093992249+011	0.2093992249+011	=0.4707800092+009	=0.4707800091+009
=0.5200000003+000	0.2034134377+011	0.2034134377+011	=0.3180233320+009	=0.3180233320+009
=0.4800000003+000	0.1942691160+011	0.1942691160+011	=0.1916410097+009	=0.1916410097+009
=0.4400000003+000	0.1822469781+011	0.1822469781+011	=0.9406556900+008	=0.9406556840+008
=0.4000000003+000	0.1688046357+011	0.1688046357+011	=0.2467431778+008	=0.2467431775+008
=0.3600000003+000	0.1532571626+011	0.1535571626+011	0.1940807712+008	0.1940807713+008
=0.3200000003+000	0.1372615977+011	0.1372615977+011	0.4250740946+008	0.4250740946+008
=0.2800000003+000	0.1203057184+011	0.1203057184+011	0.4968904334+008	0.4968904335+008
=0.2400000003+000	0.1030012562+011	0.1030012563+011	0.4610581344+008	0.4610581345+008
=0.2000000003+000	0.8558155999+010	0.8558156000+010	0.3649978460+008	0.3649978460+008
=0.1600000003+000	0.6820355370+010	0.6820355370+010	0.2482948007+008	0.2482949008+008
=0.1200000003+000	0.5092368492+010	0.5092368492+010	0.1403980414+008	0.1403980415+008
=0.8000000003-001	0.3389742392+010	0.3389742395+010	0.5965054425+007	0.5965054425+007
=0.4000000003-001	0.1689179481+010	0.1689175481+010	0.1355384811+007	0.1355384811+007
=0.3365138397+009	0.1419988712+002	0.1419988715+002	0.8238412561+010	0.8238412561+010
=0.3999999966+001	=0.1689175452+010	=0.1689175452+010	0.9303061016+006	0.9303061016+006
=0.7999999966+001	=0.3389742366+010	=0.3389742366+010	0.2672794346+007	0.2672794346+007
=0.1199999997+000	=0.5092368463+010	=0.5092368463+010	0.3526509127+007	0.3526509127+007
=0.1599999997+000	=0.6820355340+010	=0.6820355341+010	0.1839397144+007	0.1839397149+007
=0.1999999996+000	=0.8558155970+010	=0.8558155971+010	=0.3739550362+007	=0.3739550364+007
=0.2399999996+000	=0.1030012564+011	=0.1030012560+011	=0.1405190618+008	=0.1405190618+008
=0.2799999996+000	=0.1203057182+011	=0.1203057182+011	=0.2928030559+008	=0.2928030559+008
=0.3199999996+000	=0.1372615974+011	=0.1372615974+011	=0.4686799221+008	=0.4686799221+008
=0.3599999996+000	=0.1532571623+011	=0.1535571623+011	=0.7181228679+008	=0.7181228679+008
=0.3999999996+000	=0.1688046352+011	=0.1688046355+011	=0.9923165416+008	=0.9923165416+008
=0.4399999996+000	=0.1822469779+011	=0.1822469779+011	=0.1175007374+009	=0.1175007374+009
=0.4799999996+000	=0.1942691158+011	=0.1942691158+011	=0.1394437557+009	=0.1394437557+009
=0.5199999996+000	=0.2034134378+011	=0.2034134376+011	=0.1460721308+009	=0.1460721308+009
=0.5599999996+000	=0.2093992249+011	=0.2093992249+011	=0.1465497979+009	=0.1465497979+009
=0.5999999995+000	=0.2116455153+011	=0.2116455194+011	=0.1344674074+009	=0.1344674074+009
=0.6399999995+000	=0.2099967444+011	=0.2099967444+011	=0.1081057954+009	=0.1081057954+009
=0.6799999995+000	=0.2027503668+011	=0.2027503668+011	=0.6666928926+008	=0.6666928926+008
=0.7199999995+000	=0.1908553910+011	=0.1908553911+011	=0.1047069882+008	=0.1047069883+008
=0.7599999995+000	=0.1730918381+011	=0.1730918381+011	0.5894785493+008	0.5894785492+008
=0.7999999994+000	=0.1497969169+011	=0.1497969169+011	0.1387708943+009	0.1387708942+009
=0.8399999994+000	=0.1207919498+011	=0.1207919498+011	0.2249509442+009	0.2249509442+009
=0.8799999994+000	=0.8622370613+010	=0.8622370612+010	0.3123393209+009	0.3123393209+009
=0.9199999994+000	=0.4656211141+010	=0.4656211142+010	0.3949053702+009	0.3949053703+009
=0.9599999994+000	=0.2312211390+009	=0.2312211402+009	0.4660380234+009	0.4660380234+009

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
-0,9600000000+000	0,1789073487+012	0,1789073485+012	0,1788249253+011	0,1788249253+011
-0,9200000000+000	0,1747081751+012	0,1747081751+012	0,1617194068+011	0,1617194067+011
-0,8800000001+000	0,1662292044+012	0,1662292042+012	0,1383585607+011	0,1383585607+011
-0,8400000001+000	0,1541165209+012	0,1541165203+012	0,1125260422+011	0,1125260422+011
-0,8000000001+000	0,1390572144+012	0,1390572142+012	0,8617951245+010	0,8617951248+010
-0,7600000001+000	0,1217514681+012	0,1217514681+012	0,6143926162+010	0,6143926162+010
-0,7200000001+000	0,1028871107+012	0,1028871105+012	0,3961832619+010	0,3961832619+010
-0,6800000002+000	0,8311731799+011	0,8311731794+011	0,2148337404+010	0,2148337403+010
-0,6400000002+000	0,6304198237+011	0,6304198235+011	0,7336183662+009	0,7336183662+009
-0,6000000002+000	0,4319309469+011	0,4319309465+011	-0,2893507754+009	-0,2893507756+009
-0,5600000002+000	0,2402432920+011	0,2402432920+011	-0,9551791065+009	-0,9551791064+009
-0,5200000003+000	0,5904852144+010	0,5904852141+010	-0,1316761453+010	-0,1316761453+010
-0,4800000003+000	-0,1088277510+011	-0,1088277510+011	-0,1436819184+010	-0,1436819184+010
-0,4400000003+000	-0,2614086521+011	-0,2614086521+011	-0,1380645566+010	-0,1380645568+010
-0,4000000003+000	-0,3972513663+011	-0,3975143663+011	-0,1210282635+010	-0,1210282636+010
-0,3600000003+000	-0,5168809999+011	-0,5168809997+011	-0,9802293204+009	-0,9802293204+009
-0,3200000003+000	-0,6190557184+011	-0,6190557181+011	-0,7346697909+009	-0,7346697908+009
-0,2800000003+000	-0,7052744677+011	-0,7052744678+011	-0,5081195059+009	-0,5081195059+009
-0,2400000003+000	-0,7763289177+011	-0,7763289177+011	-0,3153154753+009	-0,3153154753+009
-0,2000000003+000	-0,8334293626+011	-0,8334293627+011	-0,1721273509+009	-0,1721273509+009
-0,1600000003+000	-0,8778701831+011	-0,8778701831+011	-0,7723640047+008	-0,7723640047+008
-0,1200000003+000	-0,9109040884+011	-0,9109040883+011	-0,2431883390+008	-0,2431883390+008
-0,8000000033-001	-0,9336308046+011	-0,9336308047+011	-0,2476216271+007	-0,2476216269+007
-0,4000000034-001	-0,9469051028+011	-0,9469051029+011	0,1323655063+007	0,1323655064+007
-0,3365130397-009	-0,9512681472+011	-0,9512681472+011	0,2153289584+009	0,2153289586+009
-0,3999999966+001	-0,9469051030+011	-0,9469051031+011	0,4470575461+007	0,4470575461+007
-0,7999999966+001	-0,9336308048+011	-0,9336308051+011	0,2223989345+008	0,2223989345+008
-0,1199999997+000	-0,9109040889+011	-0,9109040888+011	0,5653456759+008	0,5653456759+008
-0,1599999997+000	-0,8778701839+011	-0,8778701838+011	0,1060087447+009	0,1060087447+009
-0,1999999996+000	-0,8334293636+011	-0,8334293636+011	0,1649981377+009	0,1649981378+009
-0,2399999996+000	-0,7763289180+011	-0,7763289180+011	0,2242619027+009	0,2242619027+009
-0,2799999996+000	-0,7052744691+011	-0,7052744690+011	0,2721192197+009	0,2721192197+009
-0,3199999996+000	-0,6190557197+011	-0,6190557197+011	0,2958631893+009	0,2958631893+009
-0,3599999996+000	-0,5168810017+011	-0,5168810015+011	0,2833193327+009	0,2833193328+009
-0,3999999996+000	-0,3975143689+011	-0,3975143685+011	0,2244098856+009	0,2244098857+009
-0,4399999996+000	-0,2614086549+011	-0,2614086545+011	0,1125886531+009	0,1125886531+009
-0,4799999996+000	-0,1088277536+011	-0,1088277537+011	-0,5398212433+008	-0,5398212431+008
-0,5199999996+000	0,5904851848+010	0,5904851848+010	-0,2716056075+009	-0,2716056075+009
-0,5599999996+000	0,2402432888+011	0,2402432888+011	-0,5306759688+009	-0,5306759688+009
-0,5999999995+000	0,4319309434+011	0,4319309432+011	-0,8157841900+009	-0,8157841899+009
-0,6399999995+000	0,6304198201+011	0,6304198201+011	-0,1106334951+010	-0,1106334950+010
-0,6799999995+000	0,8311731760+011	0,8311731760+011	-0,1377650324+010	-0,1377650328+010
-0,7199999995+000	0,1028871104+012	0,1028871102+012	-0,1602512049+010	-0,1602512049+010
-0,7599999995+000	0,1217514675+012	0,1217514678+012	-0,1793058213+010	-0,1793058213+010
-0,7999999994+000	0,1390572139+012	0,1390572139+012	-0,1802924884+010	-0,1802924883+010
-0,8399999994+000	0,1541165201+012	0,1541165201+012	-0,1729500989+010	-0,1729500989+010
-0,8799999994+000	0,1662292040+012	0,1662292040+012	-0,1516149949+010	-0,1516149949+010
-0,9199999994+000	0,1747081750+012	0,1747081750+012	-0,1194244478+010	-0,1194244478+010
-0,9599999994+000	0,1789073484+012	0,1789073484+012	-0,6448622199+009	-0,6448622199+009

POLYNOMIAL NUMBER 19

X	SINGLE-P	DOUBLE-P	SINGLE-T	DOUBLE-T
=0,9600000000+000	0,334715708/+012	0,3347157087+012	-0,7517737419+011	-0,7517737418+011
=0,9200000000+000	0,1445270217+012	0,1445270214+012	-0,4547227731+011	-0,4547227730+011
=0,8800000001+000	=0,3520068154+011	-0,3520068154+011	-0,2089785151+011	-0,2089785150+011
-0,8400000001+000	=0,2000936527+012	-0,2000936529+012	-0,1795756608+010	-0,1795756607+010
-0,8000000001+000	=0,3467367394+012	-0,3467367399+012	0,1195860271+011	0,1195860272+011
-0,7600000001+000	=0,4720867520+012	-0,4726867520+012	0,2083380144+011	0,2083380149+011
-0,7200000001+000	=0,5764476083+012	-0,5764476084+012	0,2552623932+011	0,2552623938+011
-0,6800000002+000	=0,657411840/+012	-0,6574118408+012	0,2685949033+011	0,2685949033+011
-0,6400000002+000	=0,7157738914+012	-0,7157738910+012	0,2567754861+011	0,2567754861+011
-0,6000000002+000	=0,7524212444+012	-0,7524212447+012	0,2281061680+011	0,2281061680+011
-0,5600000002+000	=0,7680098064+011	-0,7688098060+012	0,1898667912+011	0,1898667912+011
-0,5200000003+000	=0,7668300171+012	-0,7668300171+012	0,1481574811+011	0,1481574810+011
-0,4800000003+000	=0,748670104/+012	-0,7486701048+012	0,1076877912+011	0,1076877911+011
-0,4400000003+000	=0,7160824783+012	-0,7166824784+012	0,7174488164+010	0,7174488161+010
-0,4000000003+000	=0,6732587651+012	-0,6732587651+012	0,4227718189+010	0,4227718184+010
-0,3600000003+000	=0,6207182497+012	-0,6207182499+012	0,2006417136+010	0,2006417129+010
-0,3200000003+000	=0,5612136374+012	-0,5612136373+012	0,4942763268+009	0,4942763264+009
-0,2800000003+000	=0,4960571003+012	-0,4966571003+012	-0,3937615380+009	-0,3937615380+009
-0,2400000003+000	=0,4286868561+012	-0,4286868561+012	-0,7856152781+009	-0,7856152783+009
-0,2000000003+000	=0,3583471027+012	-0,3585471026+012	-0,8278870349+009	-0,8278870393+009
-0,1600000003+000	=0,2872653497+012	-0,2872653500+012	-0,6650138734+009	-0,6650138738+009
-0,1200000003+000	=0,2154857008+012	-0,2154857009+012	-0,4228723520+009	-0,4228723530+009
-0,8000000033+001	=0,1433963037+012	-0,1435963040+012	-0,1974632233+009	-0,1974632233+009
=0,4000000034+001	=0,7176390917+011	-0,7176390916+011	-0,4883628610+008	-0,4883628611+008
=0,3365130397+009	=0,6030185387+003	-0,6036185387+003	-0,3231718188+008	-0,3231718188+008
=0,3999999966+001	0,7176390797+011	0,7176390795+011	-0,4021391234+008	-0,4021391234+008
0,7999999966+001	0,1433963027+012	0,1433963027+012	-0,1317964117+009	-0,1317964117+009
0,1199999997+000	0,2154856998+012	0,2154856997+012	-0,2194021493+009	-0,2194021493+009
0,1599999997+000	0,2872653487+012	0,2872653488+012	-0,2406341941+009	-0,2406341948+009
0,1999999996+000	0,3583471014+012	0,3585471014+012	-0,1368523082+009	-0,1368523082+009
0,2399999996+000	0,4286868560+012	0,4286868560+012	0,1368867177+009	0,1368867176+009
0,2799999996+000	0,4966570992+012	0,4966570992+012	0,6036787133+009	0,6036787133+009
0,3199999996+000	0,5612136364+012	0,5612136362+012	0,1259137797+010	0,1259137797+010
0,3599999996+000	0,6207182494+012	0,6207182489+012	0,2068769349+010	0,2068769348+010
0,3999999996+000	0,6732587643+012	0,6732587643+012	0,2968584379+010	0,2968584378+010
0,4399999996+000	0,7160824777+012	0,7166824777+012	0,3868926451+010	0,3868926450+010
0,4799999996+000	0,7486701043+012	0,7486701044+012	0,4661229104+010	0,4661229104+010
0,5199999996+000	0,7668300167+012	0,7668300170+012	0,5227193830+010	0,5227193830+010
0,5599999996+000	0,7684098064+012	0,7688098061+012	0,5449687917+010	0,5449687918+010
0,5999999995+000	0,7524212454+012	0,7524212452+012	0,5224519206+010	0,5224519206+010
0,6399999995+000	0,7157738917+012	0,7157738918+012	0,4472158209+010	0,4472158209+010
0,6799999995+000	0,6574118417+012	0,6574118420+012	0,3148452044+010	0,3148452044+010
0,7199999995+000	0,5764476097+012	0,5764476099+012	0,1293410509+010	0,1293410509+010
0,7599999995+000	0,4726867537+012	0,4726867539+012	-0,1162799123+010	-0,1162799123+010
0,7999999994+000	0,3467367421+012	0,3467367422+012	-0,3997040450+010	-0,3997040448+010
0,8399999994+000	0,2030936553+012	0,2030936555+012	-0,7094891786+010	-0,7094891786+010
0,8799999994+000	0,3520068448+011	0,3520068443+011	-0,1025566091+011	-0,1025566091+011
0,9199999994+000	-0,1445270184+012	-0,1445270183+012	-0,1324210347+011	-0,1324210347+011
0,9599999994+000	-0,3347157057+012	-0,3347157054+012	-0,1579370387+011	-0,1579370388+011