

Fit

$$Y = A + B(1) x + B(2) x^2 + B(3) x^3 + B(4) x^4 + \dots$$

Degree Of Fit, Standard Deviation, and Coefficient A Are:

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Degree Of Fit:..... 14
Standard Deviation:..... 0.4108E-01
Coefficient A:..... 0.7079559842E+02
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Coefficients B(i) Are:

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0.3097869058E+02 -0.3980454227E+01 0.3608868528E+00
-0.2205091671E-01 0.9248705267E-03 -0.2706876086E-04
0.5620134123E-06 -0.8612479794E-08 0.1089097930E-09
-0.1340847538E-11 0.1583193730E-13 -0.1425763186E-15
0.7747034596E-18 -0.1844298684E-20
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X	Y(entered)	Y(calculated)	Diff%
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11.50000	199.89000	199.89079	0.00039
14.69600	212.00000	211.98407	0.00752
15.00000	213.00000	213.01865	0.00876
17.00000	219.44000	219.43076	0.00421
20.00000	227.96000	227.96891	0.00391
23.00000	235.49000	235.49255	0.00108
25.00000	240.07000	240.06723	0.00115
28.00000	246.41000	246.40386	0.00249
30.00000	250.34000	250.33313	0.00274
33.00000	255.84000	255.84730	0.00285
35.00000	259.29000	259.29692	0.00267
37.00000	262.58000	262.58449	0.00171
40.00000	267.25000	267.24817	0.00068
43.00000	271.65000	271.63833	0.00430
45.00000	274.44000	274.43501	0.00182
46.00000	275.80000	275.79775	0.00082
48.00000	278.45000	278.45536	0.00193
50.00000	281.02000	281.02495	0.00176
52.00000	283.50000	283.50865	0.00305
53.00000	284.71000	284.71913	0.00321
55.00000	287.08000	287.08020	0.00007
57.00000	289.38000	289.36712	0.00445
59.00000	291.62000	291.58856	0.01078
60.00000	292.71000	292.67774	0.01102
62.00000	294.68000	294.81912	0.04721
63.00000	295.91000	295.87367	0.01228
64.00000	296.95000	296.91890	0.01047
65.00000	297.98000	297.95560	0.00819
68.00000	300.99000	301.00723	0.00572
70.00000	302.93000	302.92586	0.00137