Método de Horner

Estimativas

k	xk	f(xk)	f'(xk)	ERk
0	16.5	52.70810625	184.408875	
1	16.21277872	14.11197795	92.24565104	0.01771573426
2	16.05836945	2.84991016	56.78807718	0.009615501376
3	16.00744171	0.2535559535	46.969634	0.003181504008
4	16.00194745	0.002768807579	45.96256323	0.0003433491257
5	16.00188612	3.422610462e-07	45.95137735	3.832927082e-06
6	16.00188611	2.328306437e-09	45.95137596	4.737562534e-10

Resultado achado: 16.001886110724858

Coeficientes b_i do Polinômio f(x)

k	b0,k	b1,k	b2,k	b3,k	b4,k	b5,k
0	52.70810625	24883.01261	-7999.393175	957.96405	-50.6743	1
1	14.11197795	25321.45285	-8114.065418	967.8621322	-50.96152128	1
2	2.84991016	25564.23	-8176.967807	973.2515026	-51.11593055	1
3	0.2535559543	25645.4005	-8197.912065	975.0394985	-51.16685829	1
4	0.002768807521	25654.19015	-8200.177524	975.2327035	-51.17235255	1
5	3.421446308e-07	25654.28831	-8200.202821	975.2348607	-51.17241388	1

Coeficientes c_i do Polinômio f(x)

k	c5,k	c4,k	c3,k	c2,k	c1,k
0	1	-34.1743	394.0881	-1496.939525	183.51045
1	1	-34.74874256	404.4884583	-1556.183549	91.39333166
2	1	-35.05756111	410.2842344	-1588.471993	55.95987889
3	1	-35.15941659	412.2271871	-1599.209398	46.14929042
4	1	-35.1704051	412.4377293	-1600.370653	45.14306407
5	1	-35.17052776	412.4400807	-1600.383619	45.1318876