Propagação de Erro

$$f = X^a\, Y^b\, Z^c$$

X	σX	Y	σY	z	σZ	a	b	c	f	σf	
76.27	0.07	76.33	0.04	70.14	0.04	-1.7	1.6	2.5	2.67	0.01	4
23.09	0.01	34.71	0.02	69.89	0.06	-0.3	-2.8	2.9	4.23	0.01	0
4.10	0.01	4.76	0.01	11.40	0.01	0.1	-2.4	1.2	5.05	0.03	-1
27.51	0.01	46.22	0.04	64.31	0.06	-1.8	-2.1	-1.7	6.9	0.02	-10
55.47	0.04	88.93	0.06	31.83	0.03	1.3	1.3	-1.5	3.52	0.01	2
11.50	0.01	10.86	0.01	11.59	0.01	1.2	-0.8	-2.9	2.28	0.01	-3
16.51	0.01	86.51	0.04	55.79	0.03	-2.4	1.5	-1.5	2.31	0	-3
76.28	0.08	53.88	0.02	94.78	0.09	-1.1	-0.3	1.3	9.54	0.02	-1
93.35	0.07	55.04	0.04	11.76	0.01	-1.1	2.8	2.6	3.09	0.01	5
21.73	0.02	80.57	0.05	26.80	0.02	0.3	0.1	-2.9	2.82	0.01	-4
42.81	0.03	2.02	0.01	2.42	0.01	1.6	-2.0	0.7	1.86	0.02	2
74.74	0.07	15.33	0.01	58.53	0.05	0.7	-2.7	-2.5	4.92	0.01	-7
47.12	0.03	42.58	0.04	99.02	0.05	-2.0	-0.8	1.1	3.51	0.01	-3
97.96	0.04	5.19	0.01	9.07	0.01	-2.6	0.6	-1.6	5.25	0.01	-7
97.46	0.07	40.22	0.03	51.54	0.03	-2.3	0.7	0.2	7.78	0.01	-4
50.73	0.04	14.06	0.01	32.27	0.03	1.3	-0.5	0.5	2.5	0	2
25.52	0.02	61.04	0.05	62.30	0.06	2.5	-3.0	2.6	6.7	0.03	2
24.04	0.02	98.41	0.09	70.58	0.05	2.9	1.7	0.3	8.86	0.03	7
19.84	0.01	53.08	0.03	9.79	0.01	1.8	0.3	1.2	1.1	0	4
5.84	0.01	30.01	0.02	4.76	0.01	-0.7	-0.3	-0.5	4.8	0.01	-2
97.89	0.07	60.17	0.06	19.72	0.02	-2.9	-0.6	0.7	1.16	0	-6
26.23	0.01	84.14	0.04	29.14	0.02	2.0	0.3	0.0	2.6	0	3
60.30	0.06	66.15	0.05	58.66	0.05	2.5	0.6	2.1	1.81	0.01	9
20.49	0.01	47.80	0.03	38.12	0.02	0.5	-2.9	-3.0	1.1	0	-9
55.41	0.05	11.20	0.01	69.82	0.03	2.8	-0.9	-0.2	3.71	0.01	3
86.10	0.08	11.16	0.01	39.43	0.04	-1.6	1.5	-1.6	8.36	0.02	-5
46.09	0.03	3.54	0.01	52.42	0.03	-2.9	0.6	0.4	1.56	0	-4
58.25	0.03	34.13	0.03	55.96	0.05	2.9	-0.7	2.5	2.61	0.01	8
45.75	0.05	66.16	0.06	52.14	0.04	-0.9	-1.2	2.4	2.77	0.01	0
10.66	0.01	29.63	0.02	85.16	0.05	1.4	2.4	0.1	1.46	0	5
55.31	0.04	88.09	0.06	85.63	0.03	-1.3	0.4	2.0	2.39	0	2
70.46	0.05	34.19	0.02	40.20	0.03	-0.5	-1.8	-1.2	2.45	0	-6
25.61	0.02	31.26	0.02	54.87	0.05	1.5	-1.0	-1.5	1.02	0	-2
73.41	0.07	43.74	0.03	31.25	0.03	-1.4	0.7	-2.0	3.52	0.01	-5
15.19	0.01	68.39	0.03	21.80	0.01	-0.9	0.6	-0.5	2.34	0	-1
61.61	0.05	43.18	0.04	41.59	0.02	-2.8	0.9	1.9	3.44	0.01	-1
77.86	0.04	47.53	0.03	84.33	0.08	-0.2	0.2	-2.7	5.71	0.01	-6
62.23	0.05	66.52	0.04	75.95	0.08	0.1	1.9	-0.6	3.27	0	2
48.19	0.02	72.29	0.04	57.92	0.03	0.9	0.9	-2.7	2.68	0	-2
99.25	0.05	38.79	0.02	29.91	0.02	0.8	-1.7	-1.6	3.43	0	-4
6.65	0.01	54.69	0.04	35.05	0.04	0.0	-0.5	2.9	4.08	0.01	3
54.70	0.05	67.81	0.06	50.92	0.03	-2.5	-0.3	1.6	6.87	0.02	-3
26.31	0.02	94.33	0.08	46.38	0.04	0.3	-0.3	1.5	2.15	0	2
69.15	0.04	60.20	0.05	12.23	0.01	-2.4	-1.3	-2.8	1.68	0	-10
45.44	0.02	53.26	0.04	26.59	0.03	-2.1	0.2	-1.8	2	0	-6
57.58	0.02	25.32	0.01	64.98	0.05	-2.4	1.7	1.5	7.59	0.01	0
14.99	0.01	1.51	0.01	5.14	0.01	2.0	1.7	2.1	1.41	0.02	4
71.28	0.04	59.46	0.03	75.04	0.04	-2.0	0.8	0.8	1.64	0	-1
24.90	0.02	12.65	0.01	81.49	0.03	-2.8	2.0	-2.1	1.91	0.01	-6
89.89	0.09	82.05	0.06	55.13	0.06	2.7	-2.0	-0.8	1.13	0	0
34.97	0.03	81.95	0.07	76.60	0.07	2.4	2.5	1.0	2.36	0.01	10
65.92	0.05	7.00	0.01	59.64	0.05	2.4	-0.3	-0.6	1.11	0	3
60.02	0.05	96.62	0.06	86.81	0.08	0.1	2.5	-2.2	7.51	0.02	0
42.23	0.04	92.07	0.05	88.45	0.05	-2.2	2.1	-2.7	1.96	0.01	-5