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>> iteracao_linear_KevinCerqueiraGomes
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n	Xr	f(Xr)	erro_aprox	erro_verd
0	1.00000000	-0.63212056	1.00000000	0.43285671
1	0.36787944	0.32432119	0.63212056	0.19926385
2	0.69220063	-0.19172713	0.32432119	0.12505734
3	0.50047350	0.10577003	0.19172713	0.06666979
4	0.60624354	-0.06084775	0.10577003	0.03910025
5	0.54539579	0.03421655	0.06084775	0.02174750
6	0.57961234	-0.01949687	0.03421655	0.01246905
7	0.56011546	0.01102765	0.01949687	0.00702783
8	0.57114312	-0.00626377	0.01102765	0.00399983
9	0.56487935	0.00354938	0.00626377	0.00226394
10	0.56842873	-0.00201399	0.00354938	0.00128544
11	0.56641473	0.00114190	0.00201399	0.00072856
12	0.56755664	-0.00064773	0.00114190	0.00041335
13	0.56690891	0.00036732	0.00064773	0.00023438
14	0.56727623	-0.00020833	0.00036732	0.00013294
15	0.56706790	0.00011815	0.00020833	0.00007539
16	0.56718605	-0.00006701	0.00011815	0.00004276
17	0.56711904	0.00003800	0.00006701	0.00002425

A raiz aproximada é 0.56711904, com erro aproximado de 0.00006701 e erro verdadeiro de 0.00002425.

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>> newton_raphson_KevinCerdeiraGomes
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Iteração	Xr	f(Xr)	Erro aprx.	Erro verd.
1	51.65000000	135114904483913696.00000000	51.15000000	51.08285671
2	46.48500000	47111654129711536.00000000	5.16500000	45.91785671
3	41.83650000	16426818072478544.00000000	4.64850000	41.26935671
4	37.65285000	5727677301318307.00000000	4.18365000	37.08570671
5	33.88756500	1997117586819845.25000000	3.76528500	33.32042171
6	30.49880850	696351844868619.50000000	3.38875650	29.93166521
7	27.44892765	242802875029547.34375000	3.04988085	26.88178436
8	24.70403489	84660127717097.56250000	2.74489276	24.13689160
9	22.23363140	29519161271064.09765625	2.47040349	21.66648811
10	20.01026826	10292695105054.69726562	2.22336314	19.44312497
11	18.00924143	3588840873655.11279297	2.00102683	17.44209814
12	16.20831729	1251351437592.92236328	1.80092414	15.64117400
13	14.58748556	436319267276.52893066	1.62083173	14.02034227
14	13.12873700	152135121499.29125977	1.45874856	12.56159371
15	11.81586330	53046236848.53292847	1.31287370	11.24872001
16	10.63427697	18496079117.25769043	1.18158633	10.06713368
17	9.57084928	6449184014.30769062	1.06342770	9.00370599
18	8.61376435	2248691421.76276255	0.95708493	8.04662106
19	7.75238791	784070216.94259059	0.86137643	7.18524462
20	6.97714912	273388379.90850991	0.77523879	6.41000583
21	6.27943421	95324633.58406432	0.69771491	5.71229092
22	5.65149080	33237644.27729456	0.62794341	5.08434751
23	5.08634174	11589249.69530470	0.56514906	4.51919845
24	4.57770761	4040921.24178719	0.50863413	4.01056432
25	4.11993696	1408981.85125229	0.45777065	3.55279367
26	3.70794356	491281.33012293	0.41199340	3.14080027
27	3.33714995	171298.94393684	0.37079360	2.77000666
28	3.00343691	59727.98466273	0.33371305	2.43629362
29	2.70309824	20825.59662469	0.30033866	2.13595495
30	2.43280140	7261.17265348	0.27029685	1.86565811
31	2.18955476	2531.55047972	0.24324664	1.62241147
32	1.97068574	882.43324773	0.21886902	1.40354245
33	1.77384024	307.42176658	0.19684550	1.20669695
34	1.59703135	106.92806963	0.17680889	1.02988806
35	1.43880793	37.02141119	0.15822342	0.87166464
36	1.29871134	12.64980151	0.14009659	0.73156805
37	1.17835472	4.16131590	0.12035663	0.61121143
38	1.08334975	1.22682910	0.09500496	0.51620646
39	1.02366466	0.26350542	0.05968509	0.45652137
40	1.00231602	0.02340312	0.02134864	0.43517273
41	1.00002393	0.00023937	0.00229209	0.43288064
42	1.00000000	0.00000003	0.00002393	0.43285671

```
0 método convergiu para Xr = 1.00000000
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>> secante_KevinCerqueiraGomes
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Iteração	Xr	f(Xr)	Erro aprx.	Erro verd.
1	2.74919896	0.57018285	0.74919896	0.85540981
2	2.51227025	-0.07913753	0.23692871	0.61848110
3	2.54114652	-0.00308829	0.02887627	0.64735737
4	2.54231916	0.00002018	0.00117264	0.64853001
5	2.54231155	-0.00000001	0.00000761	0.64852240

```
0 método convergiu para Xr = 2.54231155
```