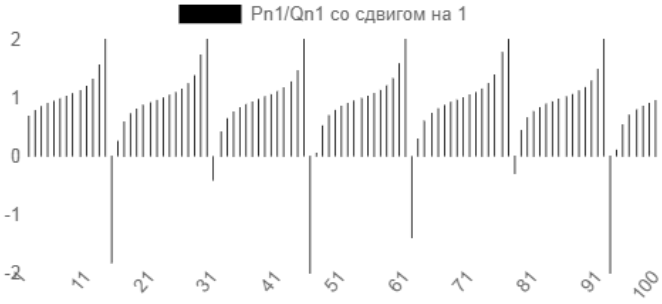
Количество подходящих 525000 Вычислить Графики Отчистка В формате csv

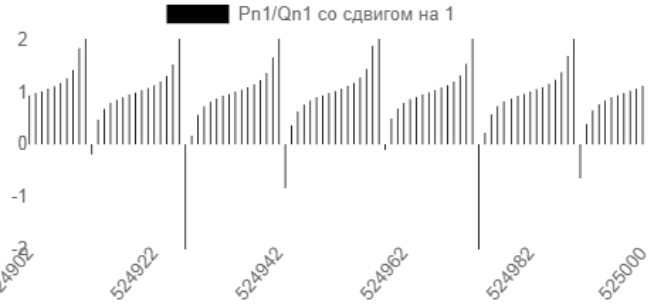
fi = 1.37, sin(fi) = 0.9799080613,

$$\sin\varphi = \frac{1}{2}\left[\lim_{n\to\infty}\frac{\sin\left((n)(\pi/2-\varphi)\right)}{\sin\left((n+1)(\pi/2-\varphi)\right)} - \lim_{n\to\infty}\frac{\sin\left((n+1)(\pi/2+\varphi)\right)}{\sin\left(n(\pi/2+\varphi)\right)}\right]$$

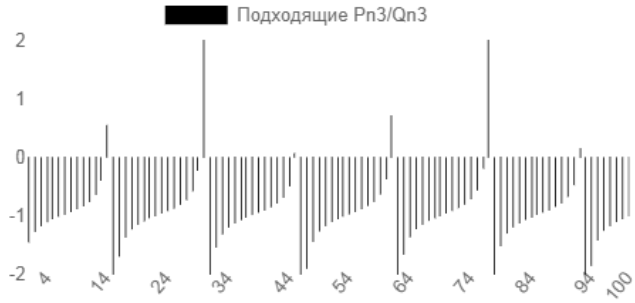
n	Pn1/Qn1 Сдвиг на 1 $\frac{\sin((n)(\pi/2-\varphi))}{\sin((n+1)(\pi/2-\varphi))}$	Pn2/Qn2 = $\frac{\sin((n+1)(\pi/2+\varphi))}{\sin(n(\pi/2+\varphi))}$	Разность (Pn1/Qn1 - Pn2/Qn2)*0,5	Значение модуля r	Значение угла fi	Погрешность модуля r	Погрешность аргумента fi
2	0.6898625251	-1.269953597	0.9799080613	0.8922041939	0	0.0877038674	0
4	0.8529615586	-1.106854564	0.9799080613	0.9263021848	0	0.0536058765	0
8	1.0279501865	-0.931865936	0.9799080613	0.9497551134	0	0.0301529479	0
16	0.2646580110	-1.695158111	0.9799080613	0.9638273797	0	0.0160806816	0
32	0.4215714212	-1.538244701	0.9799080613	0.9715908474	0	0.0083172139	0
64	0.6017913314	-1.358024791	0.9799080613	0.9756766161	0	0.0042314452	0
128	0.7742132578	-1.185602864	0.9799080613	0.9777736490	0	0.0021344123	0
256	0.9328666920	-1.026949430	0.9799080613	0.9788361208	0	0.0010719405	0
512	1.2347627091	-0.725053413	0.9799080613	0.9793708997	0	0.0005371616	0
1024	0.9882731263	-0.971542996	0.9799080613	0.9796391817	0	0.0002688796	0
2048	2.6773477117	0.7175315890	0.9799080613	0.9797735470	0	0.0001345143	0
4096	1.4094311837	-0.550384939	0.9799080613	0.9798407856	0	0.0000672757	0
8192	1.0890107502	-0.870805372	0.9799080613	0.9798744166	0	0.0000336447	0
16384	0.7863182326	-1.173497890	0.9799080613	0.9798912367	0	0.0000168246	0
32768	0.9454698605	-1.014346262	0.9799080613	0.9798996480	0	0.0000084133	0
65536	1.3105700446	-0.649246078	0.9799080613	0.9799038539	0	0.0000042074	0
131072	1.0382307804	-0.921585342	0.9799080613	0.9799058735	0	0.0000021878	0
262144	0.4628869953	-1.496929127	0.9799080614	0.9799066365	0	0.0000014248	0
524288	0.6437982495	-1.316017873	0.9799080613	0.9799053193	0	0.0000027420	0

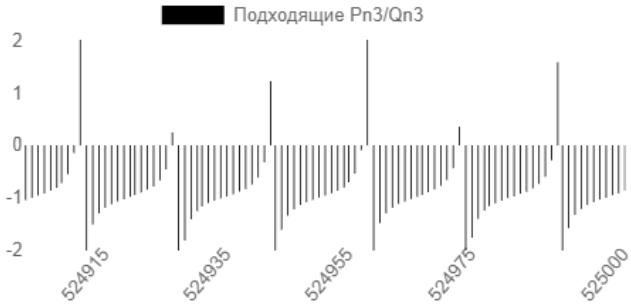
$$\frac{\sin\left((n)(\pi/2-\varphi)\right)}{\sin\left((n+1)(\pi/2-\varphi)\right)}$$





$$\frac{\sin\left((n+1)(\pi/2+\varphi)\right)}{\sin\left(n(\pi/2+\varphi)\right)}$$





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