

n	a_n	m_n	b_n	f(a_n)	f(m_n)	f(b_n)
1	0	0.5	1	-0.5	0.04630248984	1.057407725
2	0	0.25	0.5	-2	-1.9375	-1.75
3	0.25	0.375	0.5	-1.9375	-1.859375	-1.75
4	0.375	0.4375	0.5	-1.859375	-1.80859375	-1.75
5	0.4375	0.46875	0.5	-1.80859375	-1.780273438	-1.75
6	0.46875	0.484375	0.5	-1.780273438	-1.765380859	-1.75
7	0.484375	0.4921875	0.5	-1.765380859	-1.757751465	-1.75
8	0.4921875	0.49609375	0.5	-1.757751465	-1.753890991	-1.75
9	0.49609375	0.498046875	0.5	-1.753890991	-1.75194931	-1.75
10	0.498046875	0.4990234375	0.5	-1.75194931	-1.750975609	-1.75