

Magic Reciprocals

difference b	$(b + (b^2 + 4))/2$	1/col D entry
1	1.61803398875	0.61803398875
2	2.41421356237	0.41421356237
3	3.30277563773	0.30277563773
4	4.23606797750	0.23606797750
5	5.19258240357	0.19258240357
6	6.16227766017	0.16227766017
7	7.14005494464	0.14005494464
8	8.12310562562	0.12310562562
9	9.10977222865	0.10977222865
10	10.09901951359	0.09901951359
11	11.09016994375	0.09016994375
12	12.08276253030	0.08276253030
13	13.07647321898	0.07647321898
14	14.07106781187	0.07106781187
15	15.06637297521	0.06637297521
16	16.06225774830	0.06225774830
17	17.05862138431	0.05862138431
18	18.05538513814	0.05538513814
19	19.05248658727	0.05248658727
20	20.04987562112	0.04987562112
21	21.04751155486	0.04751155486
22	22.04536101719	0.04536101719
23	23.04339638062	0.04339638062
24	24.04159457879	0.04159457879
25	25.03993620398	0.03993620398
26	26.03840481041	0.03840481041
27	27.03698637068	0.03698637068
28	28.03566884762	0.03566884762
29	29.03444185375	0.03444185375
30	30.03329637837	0.03329637837
31	31.03222456701	0.03222456701
32	32.03121954188	0.03121954188
33	33.03027525482	0.03027525482
34	34.02938636593	0.02938636593
35	35.02854814296	0.02854814296
36	36.02775637732	0.02775637732
37	37.02700731365	0.02700731365
38	38.02629759044	0.02629759044
39	39.02562418977	0.02562418977
40	40.02498439450	0.02498439450

difference b	$(b + (b^2 + 4))/2$	1/col G entry
0.5	1.28077640640	0.78077640640
0.1	1.05124921973	0.95124921973
0.1	1.05124921973	0.95124921973
0.2	1.10498756211	0.90498756211
0.3	1.16118742081	0.86118742081
0.4	1.21980390272	0.81980390272
0.5	1.28077640640	0.78077640640
0.6	1.34403065089	0.74403065089
0.7	1.40948100502	0.70948100502
0.8	1.47703296143	0.67703296143
0.9	1.54658560997	0.64658560997
0.01	1.00501249992	0.99501249992
0.02	1.01004999875	0.99004999875
0.03	1.01511249367	0.98511249367
0.04	1.02019998000	0.98019998000
0.05	1.02531245119	0.97531245119
0.06	1.03044989880	0.97044989880
0.07	1.03561231254	0.96561231254
0.08	1.04079968026	0.96079968026
0.09	1.04601198794	0.95601198794
0.11111111	1.05709757652	0.94598646541
3.14159265	3.43289221591	0.29129956232
2.71828183	3.04652469533	0.32824286687