

Console

(a) Contraction Mapping

n	xn	yn
0	0.000000	0.000000
1	0.000000	1.000000
2	0.841471	0.540302
3	0.982188	0.954990
4	0.933629	0.999630
5	0.935026	0.997823
6	0.935172	0.998029
7	0.935047	0.998025
8	0.935093	0.998018

(b) Seidel Method

n	xn	yn
0	0.000000	0.000000
1	0.000000	1.000000
2	0.841471	0.987461
3	0.966868	0.999788
4	0.922666	0.997028
5	0.939750	0.998360
6	0.933295	0.997884
7	0.935762	0.998071
8	0.934823	0.998000