

Console

Case -->		I		III		II
Iteration	x y		y x		x y	
0		1.000000	0.000000	0.000000	2.000000	0.000000
	2.000000					
1		1.000000	-0.250000	0.000000	2.250000	0.000000
	1.750000					
2		0.992188	-0.218750	-0.132813	2.781250	0.085227
	1.718750					
3		0.993988	-0.222168	-0.608551	4.184082	0.177668
	1.667836					
4		0.993812	-0.222315	-2.482036	9.307547	0.276946
	1.606000					
5		0.993803	-0.222194	-15.891091	44.806231	0.378216
	1.533909					
6		0.993810	-0.222216	-392.604265		1011.994719
	0.475937	1.452272				
7		0.993808	-0.222215	-205477.822538		512263.207
390	0.565468	1.362028				
8		0.993808	-0.222214	-53912472460.495201		1312068995
62.109370	0.644183	1.263762				

Note : There are computational errors in this example given by the book