## Console

r	x(r)			y(r)	z(r)
0.	0.	0.	0.		
1.	2.5	2.0	909091 1.2	2272727	
2.	2.977	72727	2.0289256	1.0041322	
3.	3.009	9814	1.9968069	0.9958912	
4.	2.999	98298	1.9996884	1.000163	
5.	2.999	98424	2.0000721	1.0000608	
6.	3.000	0119	2.0000012	0.9999938	
7.	3.000	0002	1.9999987	0.9999993	
8.	2.999	9997	2.0000001	1.0000001	
9.	3.	2.	1.		
10.	3.	2.	. 1.		

After 9 iterations exact solution is: