

Year

0	-20000
1	1000
2	1100
3	1210
4	1331
5	1464.1
6	1610.51
7	1771.561
8	1948.7171
9	2143.58881
10	2357.947691
11	2593.74246
12	2853.116706
13	3138.428377
14	3452.271214
15	3797.498336
16	4177.248169
17	4594.972986
18	5054.470285
19	5559.917313
20	6115.909045

Rate of return

9.02%