Console

When a=0

  C=

   7.   6. - 3.
 - 12. - 20.   24.
 - 6. - 12.   16.

 Inverse of C=

   4.   7.5 - 10.5
 - 6. - 11.75   16.5
 - 3. - 6.   8.5

Itr   lambda   X
----

0   0.000000   1.000000   1.000000   1.000000
1   1.000000   1.000000   -1.250000   -0.500000
2   0.437500   -0.285714   1.000000   0.571429
3   0.357143   1.000000   -1.700000   -0.800000
4   0.775000   -0.451613   1.000000   0.516129
5   0.274194   1.000000   -1.911765   -0.941176
6   0.933824   -0.488189   1.000000   0.503937
7   0.255906   1.000000   -1.976923   -0.984615
8   0.982692   -0.497065   1.000000   0.500978
9   0.251468   1.000000   -1.994163   -0.996109

When a=-3

  C=

   10.   6. - 3.
 - 12. - 17.   24.
 - 6. - 12.   19.

 Inverse of C=

 - 1.25 - 2.7857143   3.3214286
   3.   6.1428571 - 7.2857143
   1.5   3.   - 3.5

Itr   lambda   X

0	0.995623	-0.499267	1.000000	0.500244
1	1.000419	-0.499895	1.000000	0.500035
2	1.000060	-0.499985	1.000000	0.500005
3	1.000009	-0.499998	1.000000	0.500001
4	1.000001	-0.500000	1.000000	0.500000
5	1.000000	-0.500000	1.000000	0.500000

Note : Computation of Y is wrong given in the book