>> raleigh

S =

   4.426352063787133
   4.426352063787133
   4.426352063787133

n	Estimate at n	Reciprocal
1	7.0893163975e+00	1.4105732400e-01
2	8.0012810548e+00	1.2497998672e-01
3	9.7102721492e+00	1.0298372534e-01
4	8.8451560967e+00	1.1305622977e-01
5	9.2406199623e+00	1.0821784730e-01
6	9.0503974112e+00	1.1049238553e-01
7	9.1397218001e+00	1.0941252063e-01
8	9.0972759654e+00	1.0992301474e-01
9	9.1173272199e+00	1.0968126688e-01
10	9.1078262667e+00	1.0979568239e-01
11	9.1123207990e+00	1.0974152711e-01
12	9.1101926319e+00	1.0976716305e-01
13	9.1111997506e+00	1.0975502978e-01
14	9.1107229720e+00	1.0976077344e-01
15	9.1109486247e+00	1.0975805497e-01
16	9.1108418062e+00	1.0975934181e-01
17	9.1108923642e+00	1.0975873274e-01
18	9.1108684321e+00	1.0975902105e-01
19	9.1108797596e+00	1.0975888458e-01
20	9.1108743977e+00	1.0975894918e-01

The approximate dominant eigenvalue of A is 0.10976
The associated eigenvector is

```
0.036956950753800
1.000000000000000
0.377007561885549
```