Console

A =

```
- 2.   1.   0.
  1. - 2.   1.
  0.   1. - 2.
```

Inverse of A =

```
- 0.75  - 0.5  - 0.25
- 0.5   - 1.   - 0.5
- 0.25  - 0.5  - 0.75
```

The Solution of the system is:

| Iteration | Y0 | Y1 | Y2 |
	Y3	Y4	
0	1.0000	0.7500	0.7500
	0.7500	0.5000	
1	1.0000	0.7993	0.6549
	0.5574	0.5000	
2	1.0000	0.8037	0.6712
	0.5745	0.5000	
3	1.0000	0.8019	0.6684
	0.5724	0.5000	
4	1.0000	0.8023	0.6689
	0.5728	0.5000	
5	1.0000	0.8022	0.6688
	0.5727	0.5000	
6	1.0000	0.8022	0.6688
	0.5727	0.5000	