

Console

A=

```
4.  2.  1.  
2.  5. - 2.  
1. - 2.  7.
```

alpha=

2.236068

U=

```
0.  
4.236068  
1.
```

UT\*U=

18.944272

U\*UT=

```
0.  0.  0.  
0. 17.944272 4.236068  
0.  4.236068  1.
```

P=

```
1.  0.  0.  
0. - 0.8944272 - 0.4472136  
0. - 0.4472136  0.8944272
```

B=

```
4.      - 2.236068  0.  
- 2.236068  3.8      0.4  
0.      0.4      8.2
```

There are computation error in the answers given by the book in this example

(a22 value error in U\*UT)