

Console

A =

```
1. 1. 0.5
1. 1. 0.25
0.5 0.25 2.
```

B =

```
2. 2.220D-16 0.5
0. 1.75 0.5
0. 0. 1.
```

S =

```
0.6767767 - 0.3535534 - 0.3017767
0.4267767 0.1464466 - 0.375
0.1464466 0.7071068 0.0428932
```

Computation error in the solution provided by book