

```
>> B=[2,1,-2,0;1,3,4,2;-1,4,1,2;0,2,2,1]
```

```
B =
```

```
     2     1    -2     0
     1     3     4     2
    -1     4     1     2
     0     2     2     1
```

```
>> eig(B)
```

```
ans =
```

```
    7.3519
    2.6537
   -2.8047
   -0.2010
```

```
>> sum(eig(B))
```

```
ans =
```

```
    7
```

```
>> prod(eig(B))
```

```
ans =
```

```
   11.0000
```

```
>>
```