

```
A = [-2 2; 2 -3]
```

```
A = 2x2  
  -2     2  
   2    -3
```

```
[M, D] = eig(A)
```

```
M = 2x2  
 -0.6154  -0.7882  
  0.7882  -0.6154  
D = 2x2  
 -4.5616     0  
   0    -0.4384
```

```
inv(M)
```

```
ans = 2x2  
 -0.6154     0.7882  
 -0.7882  -0.6154
```