



```
-->k1=5 ; k2=5 ; k3=5 ; m1=2 ; m2=2
m2 =
```

```
2.
```

```
-->Q=[-(k1+k2)/m1 , k2/m1 ; k2/m2 , -(k2+k3)/m2]
Q =
```

```
! - 5.      2.5 !
!  2.5     - 5. !
```

```
-->[eigenvectors,eigenvalues]=spec(Q)
eigenvalues =
```

```
! - 7.5      0. !
!  0.       - 2.5 !
eigenvectors =
```

```
!  0.7071068    0.7071068 !
! - 0.7071068    0.7071068 !
```

```
-->_
```