

运行结果

```
Enter dimation: 5
Enter matrix:
3 2 5 4 6
2 1 3 -7 8
5 3 2 5 -4
4 -7 5 1 3
6 8 -4 3 8
lambda0 = -4.061950891693852e+00, v0 = [ 7.686361578176524e-01, -2.216940482706586e-01, -3.692844082454921e-01, -3.954466894370369e-01, -2.594246470494818e-01 ]
lambda1 = -1.276055498941516e+01, v1 = [ 8.924127669011835e-02, 5.914335967529607e-01, -4.407694402280544e-01, 5.254608014411166e-01, -4.145546307502556e-01 ]
lambda2 = 1.102339243742265e+01, v2 = [ 4.118667545258366e-01, -3.429906596925790e-01, 5.429077884417252e-01, 6.155416447817988e-01, -1.976937041704575e-01 ]
lambda3 = 4.574951593337985e+00, v3 = [ -1.039470198928571e-01, -5.462783270252397e-01, -6.071073434477292e-01, 4.224036434133343e-01, 3.791712568759404e-01 ]
lambda4 = 1.622416185034837e+01, v4 = [ 4.698885452974811e-01, 4.301109698431066e-01, 7.760884723393360e-02, 1.009777576132733e-01, 7.602563172491593e-01 ]
```

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