## **Power Method:**

Whether largest eigenvalue type (L) or all eigenvalues of A type(A)  ${\rm L}$ 

Maximum Eigen Value is:

5.302748664999366

Iterations 16

## QR Decomposition:

Whether largest eigenvalue type (L) or all eigenvalues of A type(A) A

Eigen Values are:

 $5.302775406825824 \quad 3.618034146294939 \quad 1.697181503897839 \quad 1.382000909586423$