

Chapter 4

Eigenvalues and Eigenvectors

- 4.1 Introduction to Eigenvalues and Eigenvectors
- 4.2 Determinants
- 4.3 Eigenvalues and Eigenvectors of $n \times n$ Matrices
- 4.4 Similarity and Diagonalization
- 4.5 Iterative Methods for Computing Eigenvalues
- 4.6 Applications and the Perron-Frobenius Theorem