Math 224
Daily Objectives
Class Session 15
Thursday, October 18, 2007

5.2: Diagonalization

- Computation of D^k for a diagonal matrix D

- In-class worksheet: Matrix summary of eigenvalues of A (Thm. 5.2)

- Definition of diagonalizable matrix

- Criterion for diagonalization

- Computation of A^k using the diagonalization of A

- Independence of eigenvectors