

Diagonalization

The main idea here is that we can look at the a factored form of a matrix A that contains eigenvalue-eigenvector information. This factorization is $A = PDP^{-1}$.

Example 23.1:Example 23.2:Definition of Diagonalizable:

Theorem 23.4: The Diagonalization Theorem

Example 23.5:

Example 23.6:

Theorem 23.7:

Example 23.8:

Theorem 23.9:

Example 23.10: