

MTH 237 : LINEAR ALGEBRA

This course introduces the basic theory and application of the following topics: systems of linear equations and matrices, (finite-dimensional) vector spaces, linear transformations and matrices, determinants, eigenvalues and eigenvectors, inner product and orthogonality, Gram-Schmidt, least squares, and the diagonalization of symmetric matrices.

Credits 3

Lecture Hours 3

Lab Hours 0

Course Tags

CORE

Prerequisites

MTH 126