

Math 519: Matrices Mathematics

Basic matrix theory, eigenvalues, eigenvectors, normal and Hermitian matrices, similarity, Sylvester's Law of Inertia, normal forms, functions of matrices.

3 Credits

Prerequisites

- Math 319: Introduction to Linear Algebra (Minimum grade: C)
- Prerequiste: Junior standing (60 hr).

Instruction Type(s)

• Lecture: Lecture for Math 519

Subject Areas

• Algebra and Number Theory

Related Areas

- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Mathematics, General
- Topology and Foundations

