

MAT 2400: Linear Algebra for Computing

Vectors, matrices, and matrix algebra; systems of linear equations; matrix inverses; least squares problems; eigenvalues and eigenvectors; using Python for computational linear algebra; applications from areas such as data science, computer graphics, graph algorithms, and web search.

Credits: 4.0

Prerequisites:

MAT 1500

MAT 1500

Program: [Mathematics and Statistics](#)