

## Math 661: Numerical Analysis I MATHEMATICS

Numerical linear algebra, error analysis, computation of eigenvalues, and eigenvectors, finite differences, techniques for ordinary and partial differential equations, stability and convergence analysis.

3 Credits

## Instruction Type(s)

• Lecture: Lecture for Math 661

## **Subject Areas**

• Mathematics, General

## **Related Areas**

- Algebra and Number Theory
- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Topology and Foundations