Math 567: Introduction to Functional Analysis I

MATHEMATICS

Hilbert spaces, Banach spaces, Hahn-Banach Theorem, Banach Steinhaus Theorem, Open Mapping Theorem, weak topologies, Banach-Alaoglu Theorem, and Classical Banach spaces.

3 Credits

Prerequisites

- Math 556: Advanced Calculus II (Minimum grade: C)

Instruction Type(s)

- Lecture: Lecture for Math 567

Subject Areas

- Mathematics, General

Related Areas

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