Math 667: Functional Analysis I

Mathematics

Topological vector spaces (tvs); complete tvs; product and quotient tvs; separation theorems for convex sets; locally convex spaces; Krein-Milman theorem; linear operations; dual pairs and Mackey-Arens theorem; Alaoglu-Bourbaki theorem; and bornological and barreled spaces.

3 Credits

Instruction Type(s)

- Lecture: Lecture for Math 667

Subject Areas

- Mathematics, General

Related Areas

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