Math 655: Theory Functions of Complex Variables I

Mathematics

Complex numbers; analytic functions; complex integration; Cauchy's theorem and integral formula; Liouville's theorem; maximum modulus principles; Schwarz's lemma; sequences and series of analytic's functions; isolated singularities; and the residue theorem.

3 Credits

Instruction Type(s)

• Lecture: Lecture for Math 655

Subject Areas

• Analysis and Functional Analysis

Related Areas

• Algebra and Number Theory
• Geometry/Geometric Analysis
• Mathematics, General
• Topology and Foundations