MAT 5400: Complex Analysis

Algebra of complex numbers, analytic functions, Cauchy- Riemann equation, Laplace equations, conformal mapping, integrals of complex functions, Cauchy's theorem, power series, Taylor's theorem, Laurent's theorem, residues, entire functions.

Credits: 3.0
Prerequisites:
(MAT 2500 :D- and MAT 2600 :D-)
Co-Requisites:
Program: Mathematics and Statistics