COURSE DETAIL

COMPLEX ANALYSIS
Country Australia
Host Institution University of Queensland
Program(s) University of Queensland
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 155
UCEAP Course Suffix
UCEAP Official Title COMPLEX ANALYSIS
UCEAP Transcript Title COMPLEX ANALYSIS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines analytical functions; cauchy-riemann equations; complex mappings; cauchy's integral formulas; morera's, liouville's & rouche's theorems; taylor & laurent series; analytic continuation, residues & applications to integration; and boundary-value problems.

Language(s) of Instruction
English

Host Institution Course Number
MATH3401

Host Institution Course Title
COMPLEX ANALYSIS

Host Institution Course Details
https://my.uq.edu.au/programs-courses/course.html?course_code=MATH3401

Host Institution Campus
St. Lucia

Host Institution Faculty
Mathematics & Physics School

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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