COURSE DETAIL

INTRODUCTION TO MATHEMATICAL ANALYSIS

Country
Korea, South

Host Institution
Seoul National University

Program(s)
Seoul National University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
105

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO MATHEMATICAL ANALYSIS

UCEAP Transcript Title
INTRO MTH ANALYSIS

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course introduces concepts and theories of mathematical analysis. Topics include limits of continuous functions and differentiable series of functions, uniform convergence of series of functions, Arzela-Ascoli theorem, Weierstrass theorem, power series, analytic functions, trigonometric series, Fourier series, etc.

Language(s) of Instruction
Korean

Host Institution Course Number
881.008

Host Institution Course Title
INTRODUCTION TO MATHEMATICAL ANALYSIS

Host Institution Course Details
https://www.math.snu.ac.kr/~kye/lecture/24_2_mathanal/index.html

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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