COURSE DETAIL

LINEAR ALGEBRA

Country
Japan

Host Institution
Waseda University

Program(s)
Waseda University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
105

UCEAP Course Suffix

UCEAP Official Title
LINEAR ALGEBRA

UCEAP Transcript Title
LINEAR ALGEBRA

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

This course familiarizes students with the fundamental techniques of linear algebra so that they can eventually master the "diagonalisation" of square matrices, which is one of the most important subjects in linear algebra. Upon completion, students understand the basic notions of linear algebra, such as matrices, determinants, eigenvalues, eigenvectors and diagonalisation, projections, and others, and be able to apply these techniques in various cases.

Language(s) of Instruction
English

Host Institution Course Number
MATX21ZL

Host Institution Course Title
LINEAR ALGEBRA AND ITS APPLICATIONS

Host Institution Course Details
https://www.wsl.waseda.jp/syllabus/JAA104.php?pKey=210MI325000120252 10MI3250021...

Host Institution Campus
Waseda University

Host Institution Faculty

Host Institution Degree

Host Institution Department
SILS

Course Last Reviewed
2024-2025

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