COURSE DETAIL

INVITATION TO COMBINATORICS
Country Denmark
Host Institution University of Copenhagen
Program(s) University of Copenhagen
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 146
UCEAP Course Suffix
UCEAP Official Title INVITATION TO COMBINATORICS
UCEAP Transcript Title COMBINATORICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course provides a panorama on the relationship and interplays between discrete mathematics, often called combinatorics, and other areas such as representation theory and algebraic geometry. A particular focus is on learning algebraic, geometric, and probabilistic methods in combinatorics. Specific topics are selected based on current research. Topics discussed include probabilistic methods and extremal combinatorics, algebraic methods and formal power series, and geometric combinatorics and discrete geometry.

Language(s) of Instruction
English

Host Institution Course Number
NMAK21013U

Host Institution Course Title
INVITATION TO COMBINATORICS

Host Institution Course Details
https://kurser.ku.dk/course/nmak21013u/2022-2023

Host Institution Campus

Host Institution Faculty
Faculty of Science

Host Institution Degree
Master

Host Institution Department
Department of Mathematical Sciences

Course Last Reviewed
2022-2023

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