



Syllabus

Seminar in Analysis and Geometry - 80875

Last update 28-04-2015

HU Credits: 0

Degree/Cycle: 2nd degree (Master)

Responsible Department: Mathematics

Academic year: 0

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: E. Safra

Course/Module Coordinator: Prof Benjamin Weiss

Coordinator Email:

Coordinator Office Hours: By appointment.

Teaching Staff:

Prof Raz Kupferman

Course/Module description:

The course deals with the connections between ergodic theory and information theory. It will follow the book: The Ergodic Theory of Discrete Sample Paths by Paul Shields.

Course/Module aims:

Same as in learning outcomes.

Learning outcomes - On successful completion of this module, students should be able to:

Ability to prove and apply the theorems presented in the course.

Ability to apply correctly the mathematical methodology in the context of the course.

Acquiring the fundamentals as well as basic familiarity with the field which will assist in the understanding of advanced subjects.

Ability to understanding and explain the subjects taught in the course.

Attendance requirements(%):

Teaching arrangement and method of instruction: Participation in Tutorials

Course/Module Content:

The course deals with the connections between ergodic theory and information theory. It will follow the book: The Ergodic Theory of Discrete Sample Paths by Paul Shields.

Required Reading:

none

Additional Reading Material:

none

Course/Module evaluation:

End of year written/oral examination 0 %
Presentation 0 %
Participation in Tutorials 0 %
Project work 0 %
Assignments 0 %
Reports 0 %
Research project 0 %
Quizzes 0 %
Other 100 %

Additional information:
none