Syllabus

Groups and Dynamics - 80586

 Last update 29-08-2023

<u>HU Credits:</u>   3

<u>Responsible Department:</u> Mathematics

<u>Academic year:</u> 0

<u>Semester:</u> 2nd Semester

<u>Teaching Languages:</u> Hebrew

<u>Campus:</u> E. Safra

<u>Course/Module Coordinator:</u> Benjamin Weiss

 <u>Coordinator Email:</u> weiss@math.huji.ac.il

<u>Coordinator Office Hours:</u> By appointment

<u>Teaching Staff:</u>
 Prof Benjamin Weiss

<u>Course/Module description:</u>
 We will define various classes of groups such as:

amenable, property T, sofic

...

and study their actions - both measure theoretic and topological.

Course/Module aims:
   To learn about different kinds of groups and how their actions are similar and different from the classical Z-actions.

Learning outcomes - On successful completion of this module, students should be able to:
   The ability to read current research articles in these areas.

Attendance requirements(%):
   None

Teaching arrangement and method of instruction: lectures

Course/Module Content:
   Various kinds of groups and their actions.

Required Reading:
   None

Additional Reading Material:

Grading Scheme:
   Essay / Project / Final Assignment / Home Exam / Referat 100 %

Additional information: