Title: Advanced topics in algebra - 106702

Lecturer: Prof. Chen Meiri

Abstract: The main subject of the course is Fuchsian groups which are discrete subgroups of the group of orientation preserving isometries of the hyperbolic plane.

Syllabus: the hyperbolic plane, Fuchsian groups, fundamental regions, geometry of fuchsian groups, arithmetic fuchsian groups.

Texts:
1. Fuchsian Groups - Svetlana Kapok
2. The Geometry of Discrete Groups - Alan F. Beardon