The Department of Mathematics
2020–21–A term

Course Name  Algebraic Structures
Course Number  201.1.7031
Course web page  https://www.math.bgu.ac.il/en/teaching/fall2021/courses/algebraic-structures
Lecturer  Prof. Nadya Gurevich, <ngur@bgu.ac.il>, Office 110
Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

Abstract

Requirements and grading

Course topics

• Groups, the factor group and the homomorphism theorems, Sylow’s theorems and permutation actions of groups.


• Modules, structure theorems for finitely generated modules over a PID, application to finitely generated abelian groups and to the Jordan Canonical Form.

Information may change during the first two weeks of the term. Please consult the webpage for updates