The Department of Mathematics
2019–20–A term

Course Name  Algebraic Structures

Course Number  201.1.7031

Course web page  https://www.math.bgu.ac.il/en/teaching/fall2020/courses/algebraic-structures

Lecturer  Prof. Nadya Gurevich, <ngur@bgu.ac.il>, Office 110

Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

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.

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1Information may change during the first two weeks of the term. Please consult the webpage for updates.