אוניברסיטת
בן-גוריון בנגב

The Department of Mathematics

2018–19–B term

Course Name Graph Theory

Course Number 201.1.6081

Course web page
> https://www.math.bgu.ac.il//en/teaching/spring2019/courses/
> graph-theory

Lecturer Prof. Shakhar Smorodinsky, <shakhar@bgu.ac.il>, Office 208

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

Abstract

Requirements and grading[1]

Course topics

Graphs and sub-graphs, trees, connectivity, Euler tours, Hamilton cycles, matching, vertex and edge colorings, planar graphs, introduction to Ramsey theory, directed graphs, probabilistic methods and linear algebra tools in Graph Theory.

---

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