The Department of Mathematics

2021–22–B term

Course Name Ordinary Dffierential Equations

Course Number 201.1.0061

Course web page
https://www.math.bgu.ac.il//en/teaching/spring2022/courses/
odes

Lecturer Dr. Eli Shamovich, <shamovic@bgu.ac.il>, Office 102

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

Abstract

Requirements and grading[1]

Course topics

Ordinary dffierential equations of first order, existence and uniqueness theorems, linear equations of order n and the Wronskian, vector fields and autonomous equations, systems of linear dffierential equations, nonlinear systems of dffierential equations and stability near equilibrium

---

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