The Department of Mathematics
2022–23–B term

Course Name  Ordinary Differential Equations
Course Number  201.1.0061
Course web page  https://www.math.bgu.ac.il/en/teaching/spring2023/courses/odes
Lecturer  Prof. Dmitry Kerner, <kernerdm@bgu.ac.il>, Office 217
Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

Abstract

Requirements and grading

Course topics

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

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