The Department of Mathematics
2020–21–B term

Course Name   Ordinary Differential Equations
Course Number 201.1.0061

Course web page
https://www.math.bgu.ac.il/en/teaching/spring2021/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