The Department of Mathematics  
2020–21–A term

Course Name  Introduction to Differential Equations A
Course Number  201.1.9031


Lecturer Dr. Alexander Ukhlov, <ukhlov@bgu.ac.il>, Office 305

Office Hours [https://www.math.bgu.ac.il/en/teaching/hours](https://www.math.bgu.ac.il/en/teaching/hours)

Abstract

Requirements and grading

Course topics

First order differential equations.1. Separable equations.2. Exact equations. Integrating factors.3. Homogeneous equations.4. Linear equations. Equation Bernulli.5. The existence theorem


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