The Department of Mathematics
2023–24–A term

Course Name  Introduction to Differential Equations C
Course Number  201.1.9271
Course web page  https://www.math.bgu.ac.il//en/teaching/fall2024/courses/introduction-to-differential-equations-c

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

Abstract

Requirements and grading

Course topics


.2 Fourier series: Review of series of functions, Fourier expansions and properties of Fourier series, convergence of Fourier series, Gibbs phenomenon. Application to periodic ODE’s.

.3 The Laplace transform and applications to ODE’s.

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