אוניברסיטת
בן-גוריון בנגב

The Department of Mathematics

2022—23—A term

Course Name The Mathematics Of Systms 1

Course Number 214.1.9431

Course web page
`https://www.math.bgu.ac.il//en/teaching/fall2023/courses/the-mathematics-of-syst`

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

Abstract

Requirements and grading[1]

Course topics

Topics: .1 Limits and Continuity of functions, applications .2 Dffierentiability of functions, applications .3 Dffierentiation techniques .4 Dffierentiation of Implicit functions, applications .5 Investigation of functions. .6 Multivariable functions, Partial derivatives, applications .7 The Definite Integral .8 The Indefinite Integral .9 Applications of Integrals .10 Integration techniques .11 Taylor polynomials .12 Simple Dffierential Equations.

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