

The Department of Mathematics

2020–21–A term

Course Name Functions of several complex variables and introduction to Singularities

Course Number 201.2.0441

Course web page

<https://www.math.bgu.ac.il/~kernerdm/Teaching/2020.Singularities/2020.Complex.Variables.Singularities.html>

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

Abstract

Requirements and grading¹

Course topics

1. Riemann surfaces
2. Holomorphic functions of several variables
3. Isolated singularities of holomorphic functions
4. Fundamentals of differential topology
5. Topology of singularities.

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