אוניברסיטת
בן-גוריון בנגב

The Department of Mathematics
2015–16–B term

Course Name Introduction to Topology

Course Number 201.1.0091

Course web page
> `https://www.math.bgu.ac.il/~kernerdm/2016.Topology/2016.topology.`
> `htm`

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[1]

Course topics

Topological spaces and continuous functions (product topology, quotient topology, metric topology). Connectedness and Compactness. Countabilty Axioms and Separation Axioms (the Urysohn lemma, the Urysohn metrization theorem, Partition of unity). The Tychonoff theorem and the Stone-Cech compactfiication. Metrization theorems and paracompactness.

---

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