The Department of Mathematics
2020–21–B term

Course Name  Discrete Mathematics for Data Engineers

Course Number  201.1.9111


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

Abstract

Requirements and grading

Course topics


Part B: Finite and infinite sets. The notion of cardinality. Countable sets. Cantor’s theorem on the power set of a set.


Part D: Graph Theory. Graphs, examples, basic facts, vertex degrees, representing a graph, neighborhood matrices, connected components, Euler graphs,

Information may change during the first two weeks of the term. Please consult the webpage for updates
bipartite graphs, matching in bipartite graphs, Hall’s marriage theorem, graph colorings.