The Department of Mathematics
2019–20–A term

Course Name  Probability Theory For EE
Course Number  201.1.9831
Course web page  https://www.math.bgu.ac.il/en/teaching/fall2020/courses/probabilty-theory-for-ee
Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

Abstract

Requirements and grading

Course topics

The aim of the course is to study main principles of probability theory. Such themes as probability spaces, random variables, probability distributions are given in details. Some applications are also considered.

1. Probability space: sample space, probability function, finite symmetric probability space, combinatorial methods, and geometrical probabilities.
2. Conditional probability, independent events, total probability formula, Bayes formula.

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