Course Name  Probability
Course Number  201.1.8001
Course web page  https://www.math.bgu.ac.il/en/teaching/fall2024/courses/probability
Lecturer  Prof. Ariel Yadin, <yadina@bgu.ac.il>, Office 114
Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

Abstract

Requirements and grading

Course topics

An introduction to the basic notions of probability theory: sample spaces limits of events conditional probability independent events sigma algebras, continuous spaces, Lebesgue measure random variables and distributions independence expectation variance and covariance convergence of random variables: almost-sure, in Lp, in probability law of large numbers convergence in law central limit theorem

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