The Department of Mathematics
2019–20–A term

Course Name  Fourier Analysis for Electrical Engineering

Course Number  201.1.0041

Course web page  https://www.math.bgu.ac.il/en/teaching/fall2020/courses/fourier-analysis-for-electrical-engineering

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

Requirements and grading

Course topics


2. The Fourier series (in real and complex form). Approximate identities, closedness of the trigonometric / exponential system. Uniform convergence of the Fourier series of piecewise continuously differentiable functions on closed intervals of continuity; the Gibbs phenomenon. Integrability and differentiability term by term.


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