The Department of Mathematics
2019–20–A term

Course Name  Fourier Analysis for Electrical Engineering
Course Number  201.1.0041


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