The Department of Mathematics
2021–22–A term

Course Name  Fourier analysis for Electrical Engineering

Course Number  201.1.9901

Course web page  https://www.math.bgu.ac.il/en/teaching/fall2022/courses/fourier-analysis-for-electrical-engineering

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

Abstract

Requirements and grading

Course topics


5. Applications to partial differential equations: the heat and wave equations on an interval with constant boundary conditions, the Dirichlet problem for the Laplace equation on the disk, the Poisson kernel.

Footnote:

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

- **Korner**, *Fourier analysis*
- **Stein and Shakarchi**, *Fourier analysis*