XXXV Memorial Rubio de Francia

Viernes, 22 de septiembre de 2023

12:00 h., Módulo 17 - Aula 520 (Depto. Matemáticas UAM),

y además ONLINE - URL: https://youtube.com/live/BhQmiiLytm0

Stefanie Petermichl

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On the Hilbert transform

Resumen:
As one of the central objects in harmonic analysis, the Hilbert transform gives access to conjugate functions to build boundary values of analytic functions. Its most natural properties are observed on the Fourier system, but we will introduce two other natural ways to work with the Hilbert transform. We then proceed to give a few important applications (within analysis) to weighted spaces as well as Banach space valued functions.

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