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Room: CRM A1 (Universitat Autònoma de Barcelona)

Besov spaces and Schatten class Hankel operators on Paley-Wiener spaces of convex domains

Konstantinos Bampouras

Norwegian University of Science and Technology (NTNU)

In 1957, Z. Nehari characterized bounded Hankel operators defined on the one-dimensional Hardy space. Schatten classes were also characterized by V. Peller (2003). Multi-dimensional Hardy spaces have been related with Paley-Wiener spaces, and a characterization of boundedness or Schatten classes are still open questions. We will present some recent results on the characterization of Schatten class Hankel operators on Paley-Wiener spaces of certain convex sets. This talk is joint work with Karl-Mikael Perfekt.

More information at: https://mat.uab.cat/web/seminarianalisi/