



Analysis Seminar

Title: Nehari's Theorem and Hardy's inequality for Paley-Wiener spaces

Speaker: Konstantinos Bampouras (Norwegian University of Science and Technology)

Date: Tue 4th November 2025 at 3:00PM

Location: Online

Abstract: In this talk we are going to discuss the analogies of the classical Nehari theorem for the setting of Hankel operators on Paley-Wiener spaces of convex sets, and more specifically whether the analogue of the theorem can hold under the assumption that the Hankel operator is in some Schatten class. We will present two results, one negative for convex sets with smooth boundary of positive curvature, and one positive for polytopes.

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