

Early Career Talk

Sharp embeddings between weighted Paley-Wiener spaces

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The aim of this talk is to discuss a family of extremal problems that arise from estimating the operator norm of certain embeddings between weighted Paley-Wiener spaces. In general, we study the asymptotic behavior of this norm and, in some particular cases, we can determine the sharp constants through the theory of reproducing kernel Hilbert spaces. Also, we will present some connections with other extremal problems and a direct connection with Poincaré inequalities.