

Session 43 – Some recent results about extrapolation of compactness

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We will present a version of the Fréchet-Kolmogorov theorem for the compactness of operators in weighted mixed Lebesgue spaces and a corresponding compact extrapolation theory a la Rubio de Francia. Several applications will be presented too.

In Special Session 43 on Harmonic Analysis and Partial Differential Equations at the Mathematical Congress of the Americas 2025.