

Local Banach Space Constants in Boolean Cube Function Spaces

Daniel Galicer

Universidad Torcuato Di Tella

We study local properties of function spaces on the Boolean cube, focusing on their projection, Sidon, and Gordon–Lewis constants. We derive asymptotic estimates for these constants and reveal their deep interconnections. This is based on work done in collaboration with A. Defant, M. Mansilla, M. Mastyło, and S. Muro.

In Special Session 5 on Convexity, High-Dimensional Probability and Applications at the Mathematical Congress of the Americas 2025.