XXXIII Memorial Rubio de Francia

Viernes, 12 de noviembre de 2021

12:00 h., Módulo 17 - Aula 520 (Depto. Matemáticas UAM),

y además ONLINE - URL: https://us06web.zoom.us/j/87962914049

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Restricted weak type (1,1) estimates via extrapolation

Resumen:
There many operators in Harmonic Analysis which can be described as an average of a family of operators $\{T_j\})_j$ for which some boundedness properties are known. In particular, if T_j are uniformly bounded on L^p, then Minkowski integral inequality tells us that T also satisfies this property. But things change completely if the information that we have is that T_j are of weak type $(1,1)$.

However, under certain condition on the operators T_j, the weak type boundedness of T can be reached.

This is a joint work with my student Sergi Baena.