



DEPARTAMENTO DE
ANÁLISIS MATEMÁTICO Y
MATEMÁTICA APLICADA



SEMINARIO DE ANÁLISIS MATEMÁTICO Y MATEMÁTICA APLICADA

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Rearrangement-invariant hulls of function spaces

I will discuss a joint work with Zdeněk Mihula (FEE CTU Prague) and Javier Soria (UCM) on the topic of the rearrangement-invariant hulls of function spaces or classes. By such a hull one means an r.i. space which includes a given space or set of functions, and, in a certain sense, is the smallest one with this property. Our particular results involve a description of the r.i. hull of a weighted Lebesgue space, related embeddings and some further results concerning rearrangements.

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