

# SEMINARIO DE ANÁLISIS Y APLICACIONES

Viernes, 13 de mayo de 2016

11:30 h., Módulo 17 - Aula 520 (Depto. Matemáticas UAM)

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Characterization of greedy bases and estimates for the Lebesgue constants for the greedy algorithm.

## Resumen:

We shall present a new characterization of greedy bases in terms of certain functionals defined using distances to one dimensional subspaces generated by the basis and shall present various estimates for the Lebesgue constants of the thresholding greedy algorithm, in the case of general bases in Banach spaces. We show the optimality of these estimates in some situations. (joint work with Pablo M. Berna and Gustavo Garrigós)

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