

SEMINARIO DE ANÁLISIS Y APLICACIONES

Jueves, 5 de julio de 2012

11:30 h., Módulo 17, Aula 520 (Departamento de Matemáticas, UAM)

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Optimization of level sets and its applications to inverse problems.

Resumen:

The operation of thresholding, that is taking the suplevel set of a real-valued function at a fixed height, is not stable, especially from the topological point of view. We discuss a regularization procedure for making the thresholding operation a stable one and apply it to the so-called inverse photolithography problem. This is a joint work with Fadil Santosa (University of Minnesota).

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