



DEPARTAMENTO DE
ANÁLISIS MATEMÁTICO Y
MATEMÁTICA APLICADA



Facultad de Ciencias
MATEMÁTICAS



Instituto de
Matemática
Interdisciplinar

SEMINARIO DE ANÁLISIS MATEMÁTICO Y MATEMÁTICA APLICADA

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Measures, annuli and dimensions

Abstract: In this talk, we investigate the possibility that probability measures charge very thin annuli infinitely often around a given point. This problem is related to return times of dynamical systems. The answer depends on the measure, the thinness of the annuli, and the norm chosen to define the annuli. This is a joint work with Z. Buczolich.

Organized by: Departamento de Análisis Matemático y Matemática Aplicada and Instituto de Matemática Interdisciplinar (IMI)

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Place: Seminario Alberto Dou (Room 209)
Facultad de CC. Matemáticas, UCM