

SIPO (Seminario de Investigadores Postdoctorales)

Speaker: Juan Marshall-Maldonado

Title : Distribution Modulo 1 and Applications.

Abstract:

In this work, we present an overview of fundamental results in the theory of uniform distribution modulo 1 and the closely related field of discrepancy theory. After introducing the main concepts, tools, and classical theorems, we explore how these ideas can be applied to problems arising in dynamical systems and fractal analysis. In particular, we discuss their role in understanding the spectral properties of substitution dynamical systems and in the study of Bernoulli convolutions.

Date: Tuesday, 18 november at 2pm

Place : John Von Neumann seminar room, 7th floor CMM.

