



DÉPARTEMENT DE PHYSIQUE THÉORIQUE

SÉMINAIRE DE PHYSIQUE MATHÉMATIQUE

Sujet: Statistical stability in dimension one
Orateur: Prof. Neil Dobbs, University College Dublin
Lieu: Salle 234
Date: Jeudi 16 mars 2017
Heure: 14h00

Résumé:

In the quadratic family, long-term statistical properties of a map $f_a : x \mapsto ax(1-x)$ depend discontinuously on the parameter a . On the other hand, over a finite period of time, everything (including statistical properties) depend continuously. In joint work (in progress) with Alexey Korepanov (U Warwick), we search for the time-scale at which continuity breaks down.

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