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CENTRO DE MATEMÁTICA E APLICAÇÕES FUNDAMENTAIS
Av. Prof. Gama Pinto 2, 1649-003 LISBOA, PORTUGAL   Tel. (351) 217 904 700

Mês de: NOVEMBRO 2014

SEMINÁRIO DE SISTEMAS DINÂMICOS

Dia **19 de Novembro** (quarta-feira), às **10:30h**, na **Sala C6.2.51, FCUL**

Uniqueness of equilibrium states for a family of partially hyperbolic systems

Jaqueline Siqueira

(Faculdade de Ciencias - Universidade do Porto)

Abstract:

In this joint work with Isabel Rios we prove the existence and uniqueness of equilibrium states associated to Holder continuous potentials with small variation for a family of partially hyperbolic systems. This family related to the three-dimensional horseshoe introduced by Diaz, Horita, Sambarino and Rios in 2009. The ergodic properties of this model were studied by Leplaideur, Oliveira and Rios in 2011. In this last work, the authors proved the existence of a regular potential (with big variation) which has two mutually singular equilibrium states

Local:
Sala C6.2.51, Faculdade de Ciências, UL
Av. Prof. Gama Pinto, 2
1649-003 Lisboa

HOSP.
SANTA
MARIA

Av. Prof. Gama Pinto

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