



Seminário de Sistemas Dinâmicos da UFF

FAT CANTOR SETS FOR UNI-DIMENSIONAL LORENZ MAP

Sergio Augusto Romãña Ibarra

UFRJ

Data: 5 de Maio - Sexta-feira

Hora: 14h.

Local: Sala 407, Bloco H, Campus do Gragoatá.

Resumo

In this talk, we show that uni-dimensional Lorenz map has Cantor set with Hausdorff dimension very close to 1, we use this for to show that the geometric Lorenz attractor has Hausdorff dimension strictly greater than 2, more specifically, we show that these can be approximate for a increasing family of hyperbolic sets with Hausdorff dimension strictly greater than 2.

This a joint work with C. Moreira (Gugu) e M. Pacifico.