



# Seminário de Sistemas Dinâmicos da UFF

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## QUASISYMMETRIC RIGIDITY FOR SMOOTH ONE-DIMENSIONAL MAPPINGS

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**Data:** Sexta feira 10/10/2014

**Hora:** 16h.

**Local:** Sala de Seminários - 7º andar (Auditório da Pós-Graduação).

### Resumo

Quasisymmetric rigidity plays a significant role in one-dimensional dynamics, for example in the proofs of density of hyperbolicity and monotonicity of entropy in various families, and in the renormalization theory. I will speak about the proof of quasisymmetric rigidity in a broad class of smooth ( $C^3$  with some additional regularity) mappings of the interval.