

UNICAMP – IMECC
Departamento de Matemática

Seminário de Sistemas Dinâmicos e Estocásticos

Expositor: M. Rasmussen (Imperial College)

Título: Morse decompositions of nonautonomous systems

Data: Sexta-feira, 13 de maio de 2011, 13h30min

Local: Sala 321 do IMECC

Resumo. The global asymptotic behaviour of dynamical systems on compact metric spaces can be described via Morse decompositions. Their components, the so-called Morse sets, are obtained as intersections of attractors and repellers. In this talk, we explain special notions of attractor and repeller for nonautonomous dynamical systems which are designed to establish generalizations of the Morse decomposition, and applications with respect to spectral theory are discussed as well.

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