



Mês de: Fevereiro 2009

SEMINÁRIO DE SISTEMAS DINÂMICOS

Dia 09 de Fevereiro (segunda-feira), às 14h30, na Sala B3-01

“Sub-actions and maximizing measures”

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Abstract:

Considering a generic potential A and a dynamics given by f , we are interested in the study of the existence and the principal properties of the f -invariant measures that maximize the action given by $S(\mu) = \int A d\mu$. The cases that are already studied consider hyperbolic dynamics and the main tool is the existence of a sub-action function depending on A and f . We will resume some results and show how to deal with a dynamics on the circle with a critical point.

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