



SCUOLA NORMALE SUPERIORE
Pisa

AVVISO DI SEMINARIO
Sistemi Dinamici

Martedì 13 dicembre 2005
ore 14.30

Centro di Ricerca Matematica Ennio De Giorgi
(Sala Conferenze Collegio Puteano)

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Terrà un seminario dal titolo:

The Teichmuller flow is exponentially mixing

Abstract

We will report on a jointwork with A. Avila and S. Gouezel. The Teichmuller flow is a canonical flow on the space of moduli for translation surfaces, which preserves a natural absolutely continuous invariant measure. Veech had shown earlier that the flow is mixing. We prove exponential decay of correlations for Hölder observables. This extends a well-known result of Ratner for the geodesic flow on the modular surface.

Tutti gli interessati sono invitati a partecipare.

La Segreteria della
Classe di Scienze