



Seminário de Sistemas Dinâmicos da UFF

GIBBS MEASURES FOR THE FOLIATED GEODESIC FLOW

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IMPA

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Hora: 16h.

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

Resumo

The main topic of this talk is ergodic theory of foliations. We will define a notion of Gibbs measure for the geodesic flow tangent to the leaves of a foliated bundle, with a negatively curved basis. We will show the the *usual measures* (i.e. harmonic measures, SRB measures for the foliated geodesic flow, limits of large balls tangent to the leaves...) which described the ergodic behaviour of the leaves of a foliation correspond each to some potential. We will study problems of existence and uniqueness in the context of projective foliated bundles without invariant measures, and if the time allows it, we will talk about some associated problems of counting and equidistribution.