Seminar/Talk

Existence of physical measures for surface diffeomorphisms

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I will explain a relation between the discontinuities of the Lyapunov exponents and of the entropy, with respect to the invariant measures of smooth diffeomorphisms of surfaces.Among the consequences, one gets an answer to a conjecture by Viana on surfaces: if the Lyapunov exponents are positive for a set with positive area, there exists an SRB measure.This is a joint work with J. Buzzi and O. Sarig.

Tuesday, October 11, 2022 02:00pm - 03:00pm

Heinzel Seminar Room / Office Bldg West (I21.EG.101)