

Alberto Abbondandolo, Barney Bramham
Gerhard Knieper, Stefan Suhr, Kai Zehmisch

Oberseminar Dynamische Systeme

SRB measures for Anosov actions

Dienstag, 4. Mai 2021
16:15 Uhr – per Zoom

Tobias Weich
(Paderborn)

Abstract:

SRB (Sinai-Ruelle-Bowen) measures for hyperbolic flows (Anosov flows) are known to be among the most significant invariant measures. Using recently established spectral techniques (Ruelle-Taylor resonances) we construct SRB-measures for general higher rank Anosov actions. We examine their properties and provide a Bowen formula which allows to express these measures in terms of closed orbits. This is based on joint work with Y. Guedes-Bonthonneu, C. Guillarmou and J. Hilgert.

Guests are very welcome!