Contribution ID : **1**   Type : **not specified**

Sinai-Ruelle-Bowen measures for surface diffeomorphisms

Monday, 6 December 2021 15:15 (1:15)

Content

For a surface diffeomorphism f I will describe some natural geometric conditions that guarantee existence of a Young tower for f. The base of the tower is a rectangle" which ismaximal" with respect to T-returns for some T and the inducing time of the tower is the T-return to its base. As a corollary one obtains existence of an SRB measure for f. This is a joint work with Vaughn Climenhaga and Stefano Luzzatto.

Summary

Presenter(s) :   PESIN, Yakov (Penn State, USA)

Session Classification :   Workshop