

Karina Daniela MARIN, Universidade Federal de Minas Gerais, Brazil

Title: Continuity of center Lyapunov exponents

Abstract:

The continuity of Lyapunov exponents has been extensively studied in the context of linear cocycles. However, there are few theorems that provide information for the case of diffeomorphisms. In this talk, we will review some of the known results and explain the main difficulties that appear when trying to adapt the usual techniques to the study of center Lyapunov exponents of partially hyperbolic diffeomorphisms.