



DynamIST

On volume preserving almost Anosov flows

Henk Bruin

Faculty of Mathematics, University of Vienna

Host: Vadim Kaloshin

We call a flow on a compact manifold "almost Anosov" if the Anosov property of being hyperbolic everywhere is violated at (a finite collection of) periodic solutions. In this talk, I will present results on what happens if the flow (on a 3-manifold) preserves volume and has a periodic orbit of neutral saddle type. Asymptotics of the resulting intermittent behaviour can be accurately estimated and give rise to (non-standard) Central Limit Theorem or Stable Laws for such flows.

Monday, February 28, 2022 03:30pm - 04:30pm

IST Austria, Mondi 2



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