
Open Sets of Axiom A Flows with Exponentially Mixing Attractors

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Abstract

I will discuss how, for any dimension $d \geq 3$, we may construct \mathcal{C}^1 -open subsets of the space of \mathcal{C}^3 vector fields such that the flow associated to each vector field is Axiom A and exhibits a non-trivial attractor which mixes exponentially with respect to the unique SRB measure. This is joint work with V. Araújo & P. Varandas.

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