

The Rovella attractor is a homoclinic class^{*†}

R. Metzger[‡] & C. Morales[§]

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Abstract

Rovella proved the existence of measure-persistent attractors for flows exhibiting a unique singularity with three real eigenvalues satisfying $\lambda_2 < \lambda_3 < 0 < \lambda_1 < -\lambda_3$ ([Ro]). In this presentation we prove that *most* of the attractors are in fact homoclinic classes.

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