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Title:

Lyapunov stable classes and residual attractors

Abstract:

I will prove that for C^1 generic diffeomorphisms far away from homoclinic tangencies, every Lyapunov stable class is a residual attractor, i.e., there exists a neighborhood of this class such that it is the only Lyapunov stable class in this neighborhood.

(This is a joint work with Christian Bonatti, Ming Li and Dawei Yang)