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Title:

**Hyperbolicity far from homoclinic bifurcations
(II): uniform hyperbolicity**

Abstract:

We present a joint work with S.Crovisier.

Any diffeomorphism on a compact manifold can be C^1 -approximated by a diffeomorphism exhibiting a homoclinic bifurcation (a homoclinic tangency or a heterodimensional cycle) or by a diffeomorphism which is essentially hyperbolic (it has a finite number of hyperbolic attractors with an open and dense basin of attraction).