

On the rigidity of u-Gibbs measures for partially hyperbolic diffeomorphisms in dimension three

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We review some recent advances on the problem of determining when a Gibbs u-state for an Anosov diffeomorphism of the three-dimensional torus with expanding center is an SRB measure. This is joint work with Sylvain Crovisier, Martin Leguil, Davi Obata and Bruno Santiago.

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