

Huyi Hu (Michigan State University). *Infimum of entropy of hyperbolic attractors.*

Abstract. We show that any C^r uniformly hyperbolic attractor is path connected to (and therefore topologically conjugate to) a uniformly hyperbolic attractor in C^r topology that has arbitrarily small metric entropy with respect to the SRB measure of the attractor. Consequently, the same statement is true for Anosov diffeomorphisms.

This work is joint with Miaohua Jiang and Yunping Jiang.