

Proof of the Verjovsky Conjecture

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In the 1970s Alberto Verjovsky conjectured that every codimension one Anosov flow on a manifold of dimension greater than three is orbit equivalent to a suspension of a hyperbolic toral automorphism. In this talk, we prove that this conjecture is true. This, in particular, gives a complete classification of such Anosov flows and gives topological obstruction for a smooth manifold to support such a system.