

SPATZIER

ANOSOV DIFFEOS

$TM = E^s + E^u$ Holm splitting

Classify Anosov diffeos

Codimension 1 Anosov on

$M = T_n$ on invariant manifold

\Downarrow Manning Franks
Newhouse

C^0 conjugacy to Algebraic examples.

No chance for better than C^0 -conjugacy

Faulstich & Jones examples

Characterization of Algebraic Anosov upto C^∞ diffeomorphism

C^∞ -splitting preserve affine structure $\Rightarrow C^\infty$ conjugate to Algebraic