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Title: Quasi-isometric embeddings inapproximable by Anosov representations into $SL(d, \mathbb{R})$.

Anosov representations were introduced by Labourie for fundamental groups of closed negatively curved Riemannian manifolds and further generalized by Guichard-Wienhard for more general Gromov hyperbolic groups. They form a stable class of discrete subgroups of Lie groups and today are recognized as a higher rank analogue of classical convex cocompact subgroups of simple rank 1 Lie groups. In this talk, we are going to exhibit examples of quasi-isometric embeddings of hyperbolic groups into $SL(d, \mathbb{R})$ (d greater or equal than 5) which fail to be algebraic limits of Anosov representations into $SL(d, \mathbb{R})$.