

Geometry, Topology and Dynamics Seminar

Proper actions versus uniform embeddings

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Abstract: Whenever a finitely generated group G acts properly discontinuously by isometries on a metric space X , there is an induced uniform embedding (a Lipschitz and uniformly proper map) $f: G \rightarrow X$ given by mapping G to an orbit. I will talk about some examples of groups which uniformly embed into a contractible n -manifold but do not act on a contractible n -manifold.

Monday, January 28 at 3:00 PM in 636 SEO