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Stewart Baldwin* (baldws1@auburn.edu), Department of Mathematics and Statistics, Auburn University, Auburn, AL 36849-5310. *Large Uniquely Homogeneous Spaces*. Preliminary report.

A topological space X is *uniquely homogeneous* if for every $a, b \in X$ there is *exactly one* homeomorphism $h : X \rightarrow X$ such that $h(a) = b$.

Theorem: There are arbitrarily large uniquely homogeneous Hausdorff spaces. In particular, every compact Hausdorff space can be embedded in a uniquely homogeneous Hausdorff space. (Received September 13, 2016)