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					DUPLICATES	123
	authors	<ul style="list-style-type: none">Fernandez, IsabelMira, Pablo	authors	<ul style="list-style-type: none">Isabel FernandezPablo Mira		
	title	Constant mean curvature surfaces in 3-dimensional Thurston geometries	title	Constant mean curvature surfaces in 3-dimensional Thurston geometries		
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	id	id2766188591804336891	id	id6904848641054008612		
	abstract	This is a survey on the global theory of constant mean curvature surfaces in Riemannian homogeneous 3-manifolds. These ambient 3-manifolds include the eight canonical Thurston 3-dimensional geometries, i.e. R^3 , H^3 , S^3 , $H^2 \times R$, $S^2 \times R$, the Heisenberg space Nil^3 , the universal cover of $PSL_2(R)$ and the Lie group Sol^3 . We will focus on the problems of classifying compact CMC surfaces and entire CMC graphs in these spaces. A collection of important open problems of the theory is also presented	abstract	This is a survey on the global theory of constant mean curvature surfaces in Riemannian homogeneous 3-manifolds. These ambient 3-manifolds include the eight canonical Thurston 3-dimensional geometries, i.e. R^3 , H^3 , S^3 , $H^2 \times R$, $S^2 \times R$, the Heisenberg space Nil^3 , the universal cover of $PSL_2(R)$ and the Lie group Sol^3 . We will focus on the problems of classifying compact CMC surfaces and entire CMC graphs in these spaces. A collection of important open problems of the theory is also presented.		
	versions		versions			