cases	doc_1		doc_2		decision	id
	authors	• Isabel Fernandez • Pablo Mira	**authors**	• Isabel Fernandez • Pablo Mira	DUPLICATES	124
	title	Constant mean curvature surfaces in 3-dimensional Thurston geometries	**title**	Constant mean curvature surfaces in 3-dimensional Thurston geometries		
	publication_date	2010-04-27 00:00:00	**publication_date**	2010-04-27 10:17:33+00:00		
	source	SupportedSources.INTERNET_ARCHIVE	**source**	SupportedSources.ARXIV		
	journal		**journal**	Invited contribution to the Proceedings of ICM 2010		
	volume		**volume**			
	doi		**doi**			
	urls	• https://archive.org/download/arxiv-1004.4752/1004.4752.pdf	**urls**	• http://arxiv.org/pdf/1004.4752v1 • http://arxiv.org/abs/1004.4752v1 • http://arxiv.org/pdf/1004.4752v1		
	id	id7135597286022955052	**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. R3, H3, S3, H2 \times R, S2 \times R, the Heisenberg space Nil3, the universal cover of PSL2(R) and the Lie group Sol3. 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. R3, H3, S3, H2 \times R, S2 \times R, the Heisenberg space Nil3, the universal cover of PSL2(R) and the Lie group Sol3. 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**			