cases	doc_1		doc_2		decision	id
	authors	• Parviz Ahmadi	**authors**	• Parviz Ahmadi	NOT DUPLICATES	1129
	title	Cohomogeneity One Three Dimensional Anti de Sitter Space, Proper and Nonproper Actions	**title**	Cohomogeneity One Dynamics on Three Dimensional Minkowski Space		
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	urls	• https://web.archive.org/web/20200930014426/https://arxiv.org/pdf/1410.2675v1.pdf	**urls**	• https://web.archive.org/web/20200916015112/https://arxiv.org/pdf/1410.2565v1.pdf		
	id	id2235465383056961792	**id**	id-909781605853479147		
	abstract	In this paper we give a classification of closed and connected Lie groups, up to conjugacy in Iso(adS_3), acting by cohomogeneity one on the three dimensional anti de sitter space adS_3. Then we determine causal characters of the orbits and the orbit spaces, up to homeomorphism, in both cases, proper and nonproper actions. When the action is proper, we show that there is no exceptional orbit and causal characters of the principal orbits are the same.	**abstract**	In this paper we give a classification of closed and connected Lie groups, up to conjugacy in Iso(R^3_1), acting by cohomogeneity one on the three dimensional Minkowski space R^3_1 in both cases, proper and nonproper actions. Then we determine causal characters of the orbits.		
	versions		**versions**			