cases	doc_1		doc_2		decision	id
	authors	• HIRSCH, M. • WEINSTEIN, A.	**authors**	• Morris W. Hirsch • Alan Weinstein	DUPLICATES	995
	title	Fixed points of analytic actions of supersoluble Lie groups on compact surfaces	**title**	Fixed points of analytic actions of supersoluble Lie groups on compact surfaces		
	publication_date	2001-11-28 00:00:00	**publication_date**	2000-02-02 00:58:37+00:00		
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	urls	• https://www.cambridge.org/core/services/aop-cambridge-core/content/view/S0143385701001845 • http://dx.doi.org/10.1017/s0143385701001845	**urls**	• http://arxiv.org/pdf/math/0002013v2 • http://arxiv.org/abs/math/0002013v2 • http://arxiv.org/pdf/math/0002013v2		
	id	id2172591591964788788	**id**	id1983101105544585847		
	abstract		**abstract**	We show that every real analytic action of a connected supersoluble Lie group on a compact surface with nonzero Euler characteristic has a fixed point. This implies that E. Lima's fixed point free C^{∞} action on S^2 of the affine group of the line cannot be approximated by analytic actions. An example is given of an analytic, fixed point free action on S^2 of a solvable group that is not supersoluble.		
	versions		**versions**			