	doc_1	doc_2	decision	id
cases			DUPLICATES	310

doc_1

authors	• Morris W. Hirsch • Alan Weinstein
title	Fixed points of analytic actions of supersoluble Lie groups on compact surfaces
publication_date	2000-02-02 00:58:37+00:00
source	SupportedSources.ARXIV
journal	None
volume	
doi	
urls	• http://arxiv.org/pdf/math/0002013v2 • http://arxiv.org/abs/math/0002013v2 • http://arxiv.org/pdf/math/0002013v2
id	id1983101105544585847
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	

doc_2

authors	• Morris W. Hirsch • Alan Weinstein
title	Fixed points of analytic actions of supersoluble Lie groups on compact surfaces
publication_date	2000-09-02 00:00:00
source	SupportedSources.INTERNET_ARCHIVE
journal	
volume	
doi	
urls	• https://archive.org/download/arxiv-math0002013/math0002013.pdf
id	id-7568512409088356886
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^âˆž 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	