论文

EXISTENCE OF SOLUTIONS FOR A CLASS OF SYSTEMS GOVERNED BY NONLINEAR DIFFERENTIAL INCLUSIONS

XIANG Xiaoling(1), WANG Yuandi(2),AHMED N. U.(3)

(1)Department of Mathematics, Guizhou University, Guiyang 550025, China;(2)Department of Mathematics, Guizhou University, Guiyang 550025, China;(3)Department of Mathematics and Deportment of Electrical Engineering,University of Ottawa, Ottawa, Canada

摘要   In this article we discuss the existence of solutions for a class of controlled systems governed by nonlinear differential inclusion where principal operator A is a nonlinear monotone operator. Using Galerkin approach and selection theorem we prove the existence of W_{pq}-solution.

关键词   Existence, dmerential inclusion, multifu

分类号

Key words   Existence   dmerential inclusion   multifunction   measurable selection   Banach space   optimal control

DOI:

通讯作者

扩展功能

本文信息

Supporting info

PDF(0KB)

[HTML全文](0KB)

参考文献

服务与反馈

把本文推荐给朋友

加入我的书架

加入引用管理器

复制索引

Email Alert

文章反馈

浏览反馈信息

相关信息

本刊中 包含“Existence, dmerential inclusion, multifu”的 相关文章

本文作者相关文章

· XIANG Xiaoling

· WANG Yuandi

· AHMED N U