

INTEGRAL EQUATIONS METHOD IN STUDIES CONCERNING CERTAIN NONLINEAR SELFCONTROLLED SYSTEMS WITH HEREDITARY AND POLYWAVE OR POLYVIBRATING OPERATORS

U. D'AMBROSIO (1), R. CHALEAT (2), D. MANGERON (3), M. SHIMBO (4)

(1) Instituto de Matemática, Estatística e Ciência da Computação da Universidade Estadual de Campinas, São Paulo, Brasil; (2) Laboratoire de Mécanique Appliquée de l'Université de Besançon, France; (3) Polytechnic Institute of Jassy, Iasi, Socialist Republic of Romania. At present: Visiting Professor to the IMECC, Universidade Estadual de Campinas, SP, Brasil; (4) Division of Information Engineering, Hokkaido University, Japan

收稿日期 1979-6-20 修回日期 网络版发布日期 接受日期

摘要 This paper deals with the existence, uniqueness, approximate solutions and error evaluation theorems concerning a class of nonlinear selfcontrolled systems with hereditary and polywave or polyvibrating operators. Finally, a stability problem is discussed and a new approximate solutions construction method is briefly exposed.

关键词

分类号

Abstract

Key words

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 无 相关文章](#)
- ▶ 本文作者相关文章
 - [UDAMBROSIO](#)
 - [RCHALEAT](#)
 - [DMANGERONMSHIMBO](#)