# Integral manifolds of a general model of evolutionary processes with impulse effect

Aulbach B., Van Minh N., Zabreiko P.P.

Department of Mathematics, University of Augsburg, D-8900 Augsburg, Germany; Department of Mathematics, University of Hanoi, Khoa Toan Dai hoc Tong hop, Hanoi, Viet Nam; Department of Mathematics and Mechanics, Belarussian State University, Minsk, 220080, Belarus

Abstract: [No abstract available]

Author Keywords: asymptotic phase; Cocycle; exponential dichotomy; exponential n-splitting; structural stability; topological equivalence; topological reducibility

Index Keywords: Convergence of numerical methods; Differential equations; Equivalence classes; Function evaluation; Graphic methods; Integral equations; Mathematical operators; Nonlinear equations; Perturbation techniques; Stability; Theorem proving; Topology; Asymptotic phase; Cocycle; Exponential dichotomy; Exponential n splitting; Impulse effect; Lipschitz constant; Structural stability; Topological equivalence; Topological reducibility; Mathematical models

Year: 1994

Source title: Nonlinear Analysis

Volume: 23

Issue: 2

Page : 197-214

Cited by: 1

Link: Scorpus Link

Correspondence Address: Aulbach, B.; Department of Mathematics, University of Augsburg, D-8900 Augsburg, Germany

ISSN: 0362546X

CODEN: NOAND

Language of Original Document: English

Abbreviated Source Title: Nonlinear Analysis

Document Type: Article

Source: Scopus

Authors with affiliations:

1. Aulbach, B., Department of Mathematics, University of Augsburg, D-8900 Augsburg, Germany
2. Van Minh, N., Department of Mathematics, University of Hanoi, Khoa Toan Dai hoc Tong hop, Hanoi, Viet Nam
3. Zabreiko, P.P., Department of Mathematics and Mechanics, Belarussian State University, Minsk, 220080, Belarus