

CONTENTS

Commenced in May 1980

Vol. 33 No. 2 Feb. 2012 (Monthly)

- Transition sets of bifurcations of dynamical systems with two state variables
with constraints (139)
Jun LI (李 军), Yu-shu CHEN (陈予恕)
- Finite-time stabilization of uncertain non-autonomous chaotic gyroscopes
with nonlinear inputs (155)
M. P. AGHABABA, H. P. AGHABABA
- Effects of renal artery stenosis on realistic model of abdominal aorta and renal arteries
incorporating fluid-structure interaction and pulsatile non-Newtonian blood flow (165)
Z. MORTAZAVINIA, A. ZARE, A. MEHDIZADEH
- Modified characteristic finite difference fractional step method for moving boundary value
problem of percolation coupled system (177)
Yi-rang YUAN (袁益让), Chang-feng LI (李长峰), Tong-jun SUN (孙同军)
- Numerical investigation of Dufour and Soret effects on unsteady MHD natural convection
flow past vertical plate embedded in non-Darcy porous medium (195)
M. Q. AL-ODAT, A. AL-GHAMDI
- Monolithic approach to thermal fluid-structure interaction with
nonconforming interfaces (211)
Liang YIN (殷 亮), Jun-cheng JIANG (蒋军成), Li-xiang ZHANG (张立翔)
- Eigenfunction expansion method of upper triangular operator matrix and application to
two-dimensional elasticity problems based on stress formulation (223)
EBURILITU (额布日力吐), ALATANCANG (阿拉坦仓)
- Metal-forming problems with combined hardening (233)
T. A. ANGELOV
- Anisotropic nonconforming Crouzeix-Raviart type FEM for second-order
elliptic problems (243)
Dong-yang SHI (石东洋), Chao XU (许 超)
- New exact penalty function for solving constrained finite min-max problems (253)
Cheng MA (马 骋), Xun LI (李 迅), Ka-Fai CEDRIC YIU (姚家暉),
Lian-sheng ZHANG (张连生)

ISSN 0253-4827
CN 31-1650/O1

ISSN 0253-4827

