

CONTENTS

Vol. 36 No. 10 Oct. 2015 (Monthly)

Unsteady mixed convection flow over stretching sheet in presence of chemical reaction
and heat generation or absorption with non-uniform slot suction or injection (1253)
R. RAVINDRAN, N. SAMYUKTHA

Effect of slip velocity on Casson thin film flow and heat transfer due to unsteady
stretching sheet in presence of variable heat flux and viscous dissipation..... (1273)
A. M. MEGAHED

Throughflow and g-jitter effects on binary fluid saturated porous medium (1285)
P. KIRAN

General investigation for longitudinal wave propagation under magnetic field
effect via nonlocal elasticity..... (1305)
U. GÜVEN

Note on characteristics of homogeneous-heterogeneous reaction in flow of Jeffrey fluid (1319)
M. FAROOQ, A. ALSAEDI, T. HAYAT

Design optimization of unsteady airfoils with continuous adjoint method (1329)
Liang FANG, Xiaowei LI

Optimal bounded control for maximizing reliability of Duhem hysteretic systems (1337)
Ming XU, Xiaoling JIN, Yong WANG, Zhilong HUANG

Determination of elastic and plastic mechanical properties of dentin based on
experimental and numerical studies..... (1347)
Xingguo LI, Bingbing AN, Dongsheng ZHANG

Relations between cubic equation, stress tensor decomposition, and von Mises
yield criterion..... (1359)
Haoyuan GUO, Liyuan ZHANG, Yajun YIN, Yongxin GAO

Convergence analysis on Browder-Tikhonov regularization for second-order evolution
hemivariational inequality (1371)
Yibin XIAO, Guoji TANG, Xianjun LONG, Nanjing HUANG

ISSN 0253-4827
CN 31-1650/O1



ISSN 0253-4827
 10>
9 770253 482151