

CONTENTS

Commenced in May 1980

Vol. 39 No. 10 Oct. 2018 (Monthly)

Effectiveness of Darcy-Forchheimer and nonlinear mixed convection aspects in stratified

Maxwell nanomaterial flow induced by convectively heated surface (1373)

T. HAYAT, S. NAZ, M. WAQAS, A. ALSAEDI

Stability of triple diffusive convection in a viscoelastic fluid-saturated porous layer (1385)

K. R. RAGHUNATHA, I. S. SHIVAKUMARA

Scattering of Tollmien-Schlichting waves as they pass over

forward-/backward-facing steps (1411)

Ming DONG, Anyong ZHANG

Natural convection of an alumina-water nanofluid inside an inclined wavy-walled cavity

with a non-uniform heating using Tiwari and Das' nanofluid model (1425)

M. A. SHEREMET, R. TRİMBAŞ, T. GROŞAN, I. POP

Control strategy of optimal deployment for spacecraft solar array system with

initial state uncertainty (1437)

Xinsheng GE, Qijia YAO, Liqun CHEN

Effects of stress dependent electrochemical reaction on voltage hysteresis of

lithium ion batteries (1453)

Haoliang LI, Yicheng SONG, Bo LU, Junqian ZHANG

Analytical solution of time fractional Cattaneo heat equation for

finite slab under pulse heat flux (1465)

Guangying XU, Jinbao WANG

Fracture mechanics analysis of delamination in a thermoelectric pn-junction

sandwiched by an insulating layer (1477)

Youjiang CUI, Kaifa WANG, Baoling WANG

Revisiting the elastic solution for an inner-pressured functionally graded

thick-walled tube within a uniform magnetic field (1485)

Libiao XIN, Yanbin LI, Dongmei PAN, Guansuo DAI, Chengjian JU

Decay rates of higher-order norms of solutions to the

Navier-Stokes-Landau-Lifshitz system (1499)

Ruiying WEI, Yin LI, Zheng'an YAO

ISSN 0253-4827

ISSN 0253-4827

CN 31-1650/O1

