

TABLE OF CONTENTS

Volume 2 Number 10

October 2011

No Degeneracy of the Ground State for the Impact Parameter Model

H. C. Merino, J. H. Arredondo.....1191

Self-Similar Solution of Heat and Mass Transfer of Unsteady Mixed Convection Flow on a Rotating Cone Embedded in a Porous Medium Saturated with a Rotating Fluid

S. M. Al-Harbi.....1196

Pulsed Sound Waves in a Compressible Fluid

P. Hillion.....1204

A Parametric Linearization Approach for Solving Zero-One Nonlinear Programming Problems

A. M. Vaziri, A. V. Kamyad, S. Efatti.....1207

Strong Convergence of an Iterative Method for Generalized Mixed Equilibrium Problems and Fixed Point Problems

L. J. Chen, J. H. Huang.....1213

On Canard Homoclinic of a Liénard Perturbation System

M. Hayashi.....1221

Generalization of Certain Subclasses of Multivalent Functions with Negative Coefficients Defined by Cho-Kwon-Srivastava Operator

E. A. Elrifai, H. E. Darwish, A. R. Ahmed.....1225

Multiobjective Nonlinear Symmetric Duality Involving Generalized Pseudoconvexity

M. Abd El-H. Kassem.....1236

High Accuracy Arithmetic Average Discretization for Non-Linear Two Point Boundary Value Problems with a Source Function in Integral Form

R. K. Mohanty, D. Dhall.....1243

A New Definition for Generalized First Derivative of Nonsmooth Functions

A. V. Kamyad, M. H. N. Skandari, H. R. Erfanian.....1252

Convergence Rates of Density Estimation in Besov Spaces

H. Y. Wang.....1258

The Maximum Size of an Edge Cut and Graph Homomorphisms

S. H. Fan, H. J. Lai, J. Zhou.....1263

Further Results on Pair Sum Labeling of Trees

R. Ponraj, J. V. X. Parthipan.....1270

Joint Bidding under Capacity Constraints

B. De Otto-López.....1279

Existence and Uniqueness of Solution for a Fractional Order Integro-Differential Equation with Non-Local and Global Boundary Conditions

M. Fatemi, N. Aliev, S. Shahmorad.....1292

Optimal Implementation of Two FIFO-Queues in Single-Level Memory

E. A. Aksenova, A. V. Sokolov.....1297

Independence of the Residual Quadratic Sums in the Dispersion Equation with Noncentral χ^2 -Distribution

N. I. Sidnyaev, K. S. Andreytseva.....1303

A Note on Change Point Detection Using Weighted Least Square

R. Habibi.....1309

The figure on the front cover is from the article published in *Applied Mathematics*, 2011, Vol. 2, No. 10, pp. 1297-1302 by Elena A. Aksenova and Andrew V. Sokolov.