International Journal of Modeling and Optimization

CONTENTS

Volume 4, Number 4, August 2014

Mathematics and Modeling
Mathematical Modeling and Stability Analysis of the Brain Tumor Glioblastoma Multiforme (GBM)257 <i>F. Bozkurt</i>
CFD Modeling of Meat and Bone Meal Combustion in a Rotary Cement Kiln
On Solvents of Matrix Polynomials
Uncertainty and Sensitivity Analysis for a Model of an Electric Submersible Pump Lifted Oil Field278 Roshan Sharma and Bjørn Glemmestad
A Note on Two Point Taylor Expansion III
Comparison of Adomian Decomposition Method and Taylor Matrix Method in Solving Different Kinds of Partial Differential Equations
A New General Approach to Vector Valued Stochastic Integration
On the Solution of Nonlinear Time-Fractional Generalized Burgers Equation by Homotopy Analysis Method and Modified Trial Equation Method
High Order Compact Splitting Method for Stochastic Nonlinear Schrödinger Equation
Exact Solutions of Time-Fractional KdV Equations by Using Generalized Kudryashov Method315 Hasan Bulut, Yusuf Pandir, and Seyma Tuluce Demiray
Relations between Lambda-Statistical Limit İnferior and Limit Superior for Sequences of Fuzzy Numbers321 <i>F. Berna Benli</i>
Physics and Mechanics
The Claim that Neumann's Induction Law Is Consistent with Ampère's Law Rejected
Analysis of Fluid-Epsilon Oscillation with Simple Harmonic Oscillation

336
342