

Table of Contents

Volume 5 Number 3
March 2017
Generalization of the Force Approach to Radiation Reaction

- G. V. López.....569

Noncommutative-Geometry Inspired Charged Wormholes with Low Tidal Forces

- P. K. F. Kuhfittig, V. D. Gladney.....574

Physics on the Adiabatically Changed Finslerian Manifold and Cosmology

- A. A. Lipovka.....582

A Developed Material as a Nuclear Radiation Shield for Personal Wearing

- S. U. El-Kameesy, W. A. Kansouh, E. Salama, M. K. El-Mansy, S. A. El-Khateeb, R. M. Megahid.....596

Superconductor Hybrids-Electronic Paths to Quantum Computing

- H. Soller.....606

Numerical Solution of Differential Equations by Direct Taylor Expansion

- P. Mohazzabi, J. L. Becker.....623

Rethinking the Earth in the Solar System

- G. Donati.....631

Ground State Thermodynamic and Response Properties of Electron Gas in a Strong Magnetic and Electric Field: Exact Analytical Solutions for a Conventional Semiconductor and for Graphene

- G. Konstantinou, K. Moulopoulos.....639

The Use of Some of the Information Criterion in Determining the Best Model for Forecasting of Thalassemia Cases Depending on Iraqi Patient Data Using ARIMA Model

- R. S. A. Alsudani, J. C. Liu.....667

An Efficient Algorithm for the Numerical Computation of the Complex Eigenpair of a Matrix

- R. O. Akinola, K. Musa, I. A. Nyam, S. Y. Kutchin, K. V. Joshua.....680

The Analysis of Impact Factors of Foreign Investment Based on Relaxed Lasso

- Y. Q. He.....693

The Rational Solutions and the Interactions of the N-Soliton Solutions for Boiti-Leon-Manna-Pempinelli-Like Equation

- X. X. Liu, H. H. Dong, Y. Zhang, X. Chen.....700

**The Exact Rational Solutions to a Shallow Water Wave-Like Equation
by Generalized Bilinear Method**

M. Z. Wei, J. N. Cai.....715

**Research on the Influencing Factors of Personal Credit Based on a Risk Management
Model in the Background of Big Data**

X. M. Lv, J. B. Li, S. K. Zhang, Y. Li, C. Wang.....722

Riemann Hypothesis and Value Distribution Theory

J. H. Fei.....734

**The Impact of the Earth's Movement through the Space on
Measuring the Velocity of Light (Part Two)**

M. Čojanović.....741