

Table of Contents

Volume 6 Number 8
August 2018
Path Integral Quantization of Nonconservative Systems

- O. A. Jarab'ah, K. I. Nawafleh.....1637

Response Rate of a Static Charge outside a High-Dimensional Schwarzschild Black Hole

- M. Zhang.....1642

An Optimal Parallel Algorithm for Constructing a Spanning Tree on Proper Circle Trapezoid Graphs

- H. Honma, Y. Nakajima, S. Nagasaki, A. Sasaki.....1649

Geometrical and Numerical Approach to Solve Transonic Gas Equation

- S. H. Altoum.....1659

Bekenstein-Bound and Information-Based Approach

- B. Menin.....1675

Change in Entropy of Spinning Black Holes Due to Corresponding Change in Mass in AGN

- A. Kumari, S. Kumari, D. Mahto.....1686

Diversity of Interaction Solutions to the (2 + 1)-Dimensional Sawada-Kotera Equation

- R. Hu.....1692

Hopf Bifurcation Control in a Lorenz Type System

- P. E. Calderon-Saavedra, E. Munoz-Aguirre, J. Alvarez-Mena, S. Gomez-Perez.....1704

A Continuous Approach to Binary Quadratic Problems

- Z. Liu, Z. S. Yu, Y. L. Wang.....1720

Abundant Lump Solutions and Interaction Phenomena to the Kadomtsev-Petviashvili-Benjamin-Bona-Mahony Equation

- J. Q. Lü, S. Bilige, X. Q. Gao, Y. X. Bai, R. F. Zhang.....1733

Evolutions of the Ruled Surfaces via the Evolution of Their Directrix Using Quasi Frame along a Space Curve

- M. A. Soliman, N. H. Abdel-All, R. A. Hussien, T. Youssef.....1748