

Table of Contents

Volume 8 Number 8

August 2020

Newtonian Gravitational Radiation and Waves

- G. V. López.....1449

Application of First-Order Differential Equation to Heat Convection in Fluid

- Z. Rehan.....1456

Double Elzaki Transform Decomposition Method for Solving Non-Linear Partial Differential Equations

- M. A. Hassan, T. M. Elzaki.....1463

Multiplicity of Solutions for Fractional Hamiltonian Systems under Local Conditions

- L. L. Wan.....1472

The Effect of Gold Salt Concentration in the Production of Gold Nanospheres

- S. J. Badi, E. K. Al-Shakarchi, S. J. Ahmed.....1487

Feinberg-Horodecki Exact Momentum States of Improved Deformed Exponential-Type Potential

- M. Farout, A. Bassalat, S. M. Ikhdaire.....1496

The Born-Oppenheimer Approximation Revisited

- H. Klar.....1507

New Exact Solutions for the Coupled Nonlinear Schrödinger Equations with Variable Coefficients

- Y. T. Qiu, P. Gao.....1515

Analytical Solution for Thermal Flutter of Laminates in Supersonic Speeds

- L. T. Dai, Q. Z. Sun.....1525

Energy Positions of the ${}^{1,3}D^e$ Rydberg Series of the He-Like Ions Up to the $N=9$ Threshold

- M. Dieng, B. Diop, M. Sow, Y. Gning, M. Biaye, A. S. Ndao, A. Wagué.....1535

Existence of Infinitely Many High Energy Solutions for a Fourth-Order Kirchhoff Type Elliptic Equation in \mathbb{R}^3

- T. Xiao, C. L. Gan, Q. F. Zhang.....1550

Preliminary Discussion on the Refinement Mesh Generation for Adaptive Analysis

- Q. Tang, Y. Ren.....1560

90% SNR Improvement with Multi-Port Hall Plates

U. Ausserlechner.....1568

Solution of Partial Derivative Equations of Poisson and Klein-Gordon with Neumann Conditions as a Generalized Problem of Two-Dimensional Moments

M. B. Pintarelli.....1606

Study on Emitted Radiations from Filament Bulb of Different Power

N. Rajendra.....1615

A Scheduling Strategy of Light Supplement in Agricultural Greenhouse Based on the Displacement of Light Source Group

B. C. Zeng, J. Lv, M. Y. Li.....1646

Invariant Subspaces and Exact Solutions to the Generalized Strongly Dispersive DGH Equation

X. X. Li, H. Z. Liu, L. N. Chang.....1654