

1. Justification of Macroscopic Boundary Conditions for One-Dimensional Nonlinear Non-stationary Moment System of Equations of Boltzmann

Sakabekov, A. (Satbayev University, Kazakhstan); Auzhani, Y. **Source:** *International Journal of Applied Physics and Mathematics*, v 10, n 1, p 8-15, Jan. 2020

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2. A Unified Approach to Integration Theory

Robdera, M.A. (University of Botswana, Department of Mathematics, Private Bag 0022, Botswana) **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 21-8, Jan. 2019

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3. STEAMS Methodology of Playing Strategic Empire Video Game

Chen, M. (Stanford OHS, San Jose, CA, United States) **Source:** *International Journal of Applied Physics and Mathematics*, v 10, n 4, p 153-9, 2020

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4. Characterizing the Spatial Distribution of Geolocated Categorical Values

Zufiria, P.J. (Universidad Politecnica de Madrid, ETSI Telecomunicacion, Spain); Hernaandez-Medina, M.A. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 47-53, Jan. 2019

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5. On Parallel Curves Obtained by a Space Curve in Minkowski Space

Sariaydin, M.T. (Selcuk University, Department of Mathematics, Turkey); Koumlrpinar, T. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 38-46, Jan. 2019

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6. On the Solution of KdV-Like Equations by the Optimal Perturbation Iteration Technique

Bildik, N. (Manisa Celal Bayar University, Department of Mathematics, Muradiye Campus, Turkey) **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 29-37, Jan. 2019

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7. Some Divisibility Traits on Valuated Binary Trees

Xingbo Wang (Foshan University, Department of Mechatronic Engineering, China); Hongqiang Guo **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 1-11, Jan. 2019

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8. Numerical simulation by high-order explicit finite difference method to solve the burgers equation

de Assis, L.H.P. (University of Satildeo Paulo, Environmental and Basic Sciences Department, Brazil); Romatildeo, E.C. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 3, p 135-43, July 2019

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9. Modelling of the Hand-Foot-Mouth-Disease with the Carrier Population

Ruzhang Zhao (Tsinghua University, Department of Mathematical Science, China); Lijun Yang **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 54-64, Jan. 2019

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10. Determination Optimal Indicators of Expressway Toll Plaza with M/G/1 Queue Model

Meilan Qiu (Huizhou University, School of Mathematics and Statistics, China); Dewang Li; Dazhuo Zhou **Source:** *International Journal of Applied Physics and Mathematics*, v 10, n 3, p 96-111, 2020

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11. The Stress State of a Finite Elastic Cylinder under Its Proper Weight

Anastasiia, F. (Odesa Mechnikov University, str. Dvoryanskaya, 2, Ukraine); Yuriy, P.; Natalya, V. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 65-71, Jan. 2019

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12. The Parallel Implementation of Simultaneous Methods for Finding the Polynomial Zeros

Kalluci, E. (University of Tirana, Department of Applied Mathematics, Albania); Hoxha, F.; Preni, B. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 2, p 111-18, April 2019

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13. Bilinear Robust H# Controller to Minimize HIV Concentration in Blood Plasma

Saputra, J. (Institut Teknologi Bandung, Industrial and Financial Mathematics Research Group, Indonesia); Saragih, R.; Handayani, D. **Source:** *International Journal of Applied Physics and Mathematics*, v 10, n 2, p 57-64, 2020

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14. Apparent Experimental Confirmation of Pseudoprotons and Their Application to New Clean Nuclear Energies

Santilli, R.M. (Thunder Energies Corporation, 1444 Rainville Rd, Tarpon Springs, FL 34689, United States) **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 2, p 72-100, April 2019

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15. Multi-scale Oscillation Modes and Secular Trend Analysis of Astronomical Historic Archives

Yongyan Zuo (Chongqing University of Arts and Sciences, China); Yunfang Cai; Yuanyong Liu; Xinan Tian; Jianmei An
Source: *International Journal of Applied Physics and Mathematics*, v 9, n 4, p 44-50, Oct. 2019

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16. Lognormal Distribution in Health Insurance: Interval Estimation Methods for the Average Cost and Correction of Truncated Values

Amorim, M. (University of Lisbon, Faculty of Sciences, Portugal); Fernandes, J.; Alpuim, T. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 2, p 101-10, April 2019

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17. Padeacute Approximation to the Solution of the Elliptical Kepler Equation

Alshaery, A. (King Abdulaziz University, Department of Mathematics, Saudi Arabia); Alsulami, A. **Source:** *International Journal of Applied Physics and Mathematics*, v 9, n 1, p 12-20, Jan. 2019

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