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International Researcher IDs

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ScopusID: 56971548600

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Education Information

Doctorate, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2013 - 2017

Postgraduate, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2011 - 2013

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2004 - 2008

Dissertations

Doctorate, OLUŞUM TÜRÜ DİFERENSİYEL DENKLEMLERİN SİMETRİ İNDİRGENELERİ, KORUNUM KANUNLARI VE TAM ÇÖZÜMLERİ, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2017

Postgraduate, İkinci mertebeden lineer olmayan adi diferensiyel denklemlerin simetri indirgemeleri, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2013

Academic and Administrative Experience

Bilecik Seyh Edebali University, 2019 - 2019

Courses

Matematik, Undergraduate, 2018 - 2019, 2017 - 2018

Diferensiyel Denklemler, Undergraduate, 2018 - 2019

Nümerik Analiz, Undergraduate, 2018 - 2019, 2017 - 2018

Adi Diferensiyel Denklemlerin Simetri İndirgemeleri, Postgraduate, 2018 - 2019

Kısmi Türevli Diferensiyel Denklemler, Undergraduate, 2018 - 2019

Matematik ve Hayat, Undergraduate, 2018 - 2019

Matematik II, Undergraduate, 2018 - 2019, 2017 - 2018

Bilgisayar Programlama I, Undergraduate, 2018 - 2019, 2017 - 2018

Bilgisayar Uygulamaları, Undergraduate, 2018 - 2019, 2017 - 2018

Matematik I, Undergraduate, 2018 - 2019

Kısmi Diferensiyel Denklemlerin Uygulamaları, Postgraduate, 2018 - 2019

Bilgisayar Programlama II, Undergraduate, 2018 - 2019, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Logarithmic $(1 + 1)$ $\boldsymbol{\{(1+1)\}}$ -Dimensional KdV-Like and $(2 + 1)$ $\boldsymbol{\{(2+1)\}}$ -Dimensional KP-Like Equations: Lie Group Analysis, Conservation Laws and Double Reductions**
Burak Giresunlu A., YAŞAR E., Rashid Adem A.
International Journal of Nonlinear Sciences and Numerical Simulation, 2019 (SCI-Expanded)
- II. **On the exact solutions, lie symmetry analysis, and conservation laws of Schamel–Korteweg–de Vries equation**
GİRESUNLU İ. B., SAĞLAM ÖZKAN Y., YAŞAR E.
Mathematical Methods in the Applied Sciences, vol.40, no.11, pp.3927-3936, 2017 (SCI-Expanded)
- III. **First integrals and analytical solutions of the nonlinear fin problem with temperature-dependent thermal conductivity and heat transfer coefficient**
YAŞAR E., Yildirim Y., Giresunlu İ. B.
Pramana - Journal of Physics, vol.87, no.2, 2016 (SCI-Expanded)
- IV. **The $(G'/G, 1/G)$ -expansion method for solving nonlinear space-time fractional differential equations**
YAŞAR E., Giresunlu İ. B.
Pramana - Journal of Physics, vol.87, no.2, 2016 (SCI-Expanded)
- V. **Lie symmetry reductions, exact solutions and conservation laws of the third order variant boussinesq system**
YAŞAR E., Giresunlu İ. B.
Acta Physica Polonica A, vol.128, no.3, pp.252-255, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analytical Rational Solitons of the Modified Lakshmanan-Porsezian-Daniel Equation**
GİRESUNLU İ. B., YILDIZ B.
Universal Journal of Mathematics and Applications, vol.6, no.2, pp.53-64, 2023 (Scopus)
- II. **Symmetry Reductions, Exact Solutions and Conservation Laws for the Coupled Nonlinear Klein-Gordon System**
YAŞAR E., GİRESUNLU İ. B.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.13, pp.593-599, 2017 (Peer-Reviewed Journal)
- III. **Exact Traveling Wave Solutions and Conservation Laws of $(2+1)$ Dimensional Konopelchenko Dubrovsky System**
YAŞAR E., GİRESUNLU İ. B.
International Journal of Nonlinear Science, vol.22, no.2, pp.118-128, 2016 (Peer-Reviewed Journal)
- IV. **First integrals and exact solutions for path equation describing minimum drag work**
GİRESUNLU İ. B., YAŞAR E.
Int. J. of Adv. in Aply. Math. and Mech., vol.2, no.4, pp.41-52, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On the Lie Symmetry Analysis and Group Invariant Solutions of Some Logarithmic Evolution Equations**
GİRESUNLU İ. B., YAŞAR E., Adem A. R.
INTERNATIONAL WORKSHOP ON MATHEMATICAL METHODS IN ENGINEERING, Ankara, Turkey, 27 - 29 April 2017
- II. **Exact Solutions Lie Symmetry Analysis and Conservation Laws of Shamel Korteweg de Vries Equation by Using Some Methods**

SAĞLAM ÖZKAN Y., GİRESUNLU İ. B., YAŞAR E.

7th European Congress of Mathematics, Berlin, Germany, 18 - 22 July 2016

III. Exact traveling wave solutions of Konopelchenko Dubrovsky system by using G G 1 G expansion method

GİRESUNLU İ. B., YAŞAR E.

International Conference on Quantum Science and Applications, Eskişehir, Turkey, 25 - 27 May 2016

IV. Exact Solutions of Nonlinear Space Time Fractional Differential Equations using G G 1 G expansion Method

GİRESUNLU İ. B., YAŞAR E.

ICAAM 2015, 8 - 12 June 2015

V. On the Null Forms Integrating Factors and First Integrals to Path Equations

GİRESUNLU İ. B., YAŞAR E.

International Congress in Honour of Professor Ravi P. Agarwal, 23 - 26 June 2014

VI. Application of Lambda Symmetry Method for Some Second Order Ordinary Differential Equations
YAŞAR E., GİRESUNLU İ. B., SAN S.

International Congress in Honour of Professor H. M. Srivastava, 23 - 26 August 2012