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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