Assoc. Prof. ŞAMİL AKÇAĞIL

Personal Information

Office Phone: +90 228 214 1654
Email: samil.akcagil@bilecik.edu.tr
Web: https://avesis.bilecik.edu.tr/samil.akcagil

International Researcher IDs
ScholarID: 3sUdG90AAAAJ
ORCID: 0000-0002-8510-9683
Publons / Web Of Science ResearcherID: AAR-6373-2020
ScopusID: 55567221700
Yoksis Researcher ID: 28630

Education Information

Doctorate, Sakarya University, Institute Of Science, Uygulamalı Matematik (Dr), Turkey 2009 - 2013
Postgraduate, Balikesir University, Institute Of Science, Matematik (Yl) (Tezli), Turkey 2001 - 2005
Undergraduate, Balikesir University, Necatibey Faculty Of Education, Department Of Mathematics And Science Teaching, Turkey 1995 - 2000

Dissertations

Doctorate, Lineer olmayan sobolev türü kısmi türevli diferansiyel denklemlerin Tanh-Coth yöntemi ile çözümü, Sakarya University, Fen Bilimleri Enstitüsü, Uygulamalı Matematik (Dr), 2013
Postgraduate, Fibonacci sayıları ve altın oran, Balikesir University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), 2005

Academic and Administrative Experience

Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2020 - Continues
Bilecik Seyh Edebali University, 2010 - 2010

Courses

FİN151 TİCARİ MATEMATİK, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018
MAT122 MATEMATİK-II, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2012 - 2013, 2011 - 2012, 2010 -

2011, 2009 - 2010
MAT121 MATEMATİK-I, Associate Degree, 2019 - 2020, 2018 - 2019, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
İST110 İSTATİSTİK, Associate Degree, 2019 - 2020, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
İSL105 GENEL MATEMATİK, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
İSL201 İSTATİSTİK, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
MAT102 MATEMATİK-II, Undergraduate, 2013 - 2014
MAT101 MATEMATİK-I, Undergraduate, 2013 - 2014
MAT125 GENEL MATEMATİK, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011
MAT123 MATEMATİK, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

I.   **On the relations between some well-known methods and the projective Riccati equations**
     Akçağll Ş.
     Open Physics, vol.18, no.1, pp.613-618, 2020 (SCI-Expanded)
II. **Unification of all hyperbolic tangent function methods**
     Gözüklzll Ö. F., Akcağll Ş., Aydemir T.
     Open Physics, vol.14, no.1, pp.524-541, 2016 (SCI-Expanded)
III. **The tanh-coth method for some nonlinear pseudoparabolic equations with exact solutions**
     Gözükizil Ö. F., Akçağil Ş.
     Advances in Difference Equations, vol.2013, 2013 (SCI-Expanded)
IV. **Travelling wave solutions to the Benney-Luke and the higher-order improved boussinesq equations of Sobolev type**
     Gözükizil Ö. F., Akçağil Ş.
     Abstract and Applied Analysis, vol.2012, 2012 (SCI-Expanded)

Articles Published in Other Journals

I.   **Comparative Analysis of Exact Solutions for the Phi-four Equation**
     AKÇAĞIL Ş.
     Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.9, no.3, pp.496-500, 2019 (Peer-Reviewed Journal)
II. **Travelling Wave Solutions for the Long–Short–Wave Interaction System Using the Unified Method**
     AKÇAĞIL Ş.
     Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.7, no.1, pp.133-143, 2018 (Peer-Reviewed Journal)
III. **A new Application of the unified method**
     AKÇAĞIL Ş., AYDEMİR T.
     New Trends in Mathematical Sciences, vol.6, no.1, pp.166-180, 2018 (Peer-Reviewed Journal)
IV. **Exact travelling wave solutions of nonlinear pseudoparabolic equations by using the G′/G Expansion Method**
     AKÇAĞIL Ş., AYDEMİR T., GÖZÜKIZIL Ö. F.
     New Trends in Mathematical Sciences, vol.4, no.4, pp.51-66, 2016 (Peer-Reviewed Journal)
V.   **The Tanh-Coth Method for Two System of Sobolev Type Equations In Mathematical Physics**
     AKÇAĞIL Ş., GÖZÜKIZIL Ö. F.
     Manas Journal of Engineering, vol.4, no.1, pp.52-62, 2016 (Peer-Reviewed Journal)
VI. **New exact solutions for the Khokhlov-Zabolotskaya-Kuznetsov, the Newell-Whitehead-Segel and theRabinovich wave equations by using a newmodification of the tanh-coth method**
     AKÇAĞIL Ş., AYDEMİR T.
     COGENT MATHEMATICS, vol.3, no.1, pp.1-12, 2016 (ESCI)

VII. **Comparison between the new (G′/G) expansion method and the extended homogeneous balance method**
AKÇAĞIL Ş., AYDEMİR T., GÖZÜKIZIL Ö. F.
New Trends in Mathematical Sciences, vol.3, no.4, pp.223-236, 2015 (Peer-Reviewed Journal)

VIII. **Travelling wave solutions for the coupled IBq equations by using the tanh-coth method**
Gozukizil O. F., AKÇAĞIL Ş.
Journal of Applied Mathematics, vol.2014, 2014 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **The link between some well known methods and the projective Riccati equations**
AKÇAĞIL Ş.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 10 - 13 March 2019

II. **Comparative Analysis of Exact Solutions for the Phi-four Equation**
AKÇAĞIL Ş.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 2018, 20 - 24 June 2018

III. **A NEW EFFECTIVE METHOD TO SOLVE NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS: THE UNIFIED METHOD**
AKÇAĞIL Ş., AYDEMİR T., GÖZÜKIZIL Ö. F.
INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, 12 - 15 July 2016

IV. **New Exact Solutions for the Khoklov-Zabolotskaya-Kuznetsov, the Newell-Whitehead-Segel and the Rabinovich wave equations**
AKÇAĞIL Ş., AYDEMİR T.
2nd INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, 3 - 06 July 2015

V. **Comparison between the (G'xx/G) - expansion method and the modifed extended tanh method**
AKÇAĞIL Ş., AYDEMİR T.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELING, 8 - 12 June 2015

VI. **Travelling Wave Solutions to the Benney-Luke and the Higher-Order Improved Boussinesq Equations of Sobolev Type**
GÖZÜKIZIL Ö. F., AKÇAĞIL Ş.
INTERNATIONAL EURASIANCONFERENCE ONMATHEMATICAL SCIENCES ANDAPPLICATIONS, 3 - 07 September 2012

VII. **The tanh{coth method for some nonlinear pseudoparabolic equations with exact solutions**
GÖZÜKIZIL Ö. F., AKÇAĞIL Ş.
International Congress in Honour of Professor Hari M.Srivastava, 23 - 26 August 2012

VIII. **Exact Solutions of Benjamin-Bona-Mahony-Burgers Type Nonlinear Pseudo-Parabolic Equations**
GÖZÜKIZIL Ö. F., AKÇAĞIL Ş.
INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND ALGEBRA, 20 - 24 June 2012