

Doç.Dr. ABDÜLKADİR DOĞAN

Kişisel Bilgiler

E-posta: abdukkadir.dogan@agu.edu.tr

Web: <https://avesis.agu.edu.tr/abdukkadir.dogan>

Eğitim Bilgileri

Post Doktora, The University Of Tennessee At Chattanooga, Fen Bilimleri Enstitüsü, Matematik, Amerika Birleşik Devletleri 2009 - 2009

Post Doktora, University Of Leicester, Fen Bilimleri Enstitüsü, Matematik, İngiltere 2001 - 2001

Doktora, University Of Wales, Bangor, Bilgisayar Bilimleri Fakültesi, Uygulamalı Matematik, İngiltere 1994 - 1997

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Türkiye 1989 - 1993

Lisans, Hacettepe Üniversitesi, Fen Fakültesi, Matematik, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Petrov Galerkin Finite Element Methods, University Of Wales, Bangor, Applied Mathematics, Mathematics, 1997

Yüksek Lisans, Klasik Fuzzy Ölçümleri ve Sugeno Fuzzy Ölçümleri Arasındaki İlişkiler, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 1993

Araştırma Alanları

Matematik, Diferansiyel denklemler, Sayısal Analiz, Temel Bilimler

Akademik İdari Deneyim

Abdullah Gül Üniversitesi, Bilgisayar Bilimleri Fakültesi, Uygulamalı Matematik, 2012 - 2015

Verdiği Dersler

Differential Equations, Lisans, 2016 - 2017

Discrete Mathematics, Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Existence results for a class of boundary value problems for fractional differential equations
DOĞAN A.

TURKISH JOURNAL OF MATHEMATICS, cilt.45, sa.3, ss.1149-1165, 2021 (SCI İndekslerine Giren Dergi)

- II. **Existence of positive solutions for nonlinear multipoint p-Laplacian dynamic equations on time scales**
DOĞAN A.
TURKISH JOURNAL OF MATHEMATICS, cilt.44, sa.3, ss.676-697, 2020 (SCI İndekslerine Giren Dergi)
- III. **Solutions to nonlinear second-order three-point boundary value problems of dynamic equations on time scales**
DOĞAN A.
TURKISH JOURNAL OF MATHEMATICS, cilt.43, sa.3, ss.1276-1295, 2019 (SCI İndekslerine Giren Dergi)
- IV. **Positive solutions of nonlinear multi-point boundary value problems**
DOĞAN A.
POSITIVITY, cilt.22, sa.5, ss.1387-1402, 2018 (SCI İndekslerine Giren Dergi)
- V. **POSITIVE SOLUTIONS OF THE p-LAPLACIAN DYNAMIC EQUATIONS ON TIME SCALES WITH SIGN CHANGING NONLINEARITY**
DOĞAN A.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2018 (SCI İndekslerine Giren Dergi)
- VI. **On the existence of positive solutions of the p-Laplacian dynamic equations on time scales**
DOĞAN A.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.40, sa.12, ss.4385-4399, 2017 (SCI İndekslerine Giren Dergi)
- VII. **TRIPLE POSITIVE SOLUTIONS OF m-POINT BOUNDARY VALUE PROBLEM ON TIME SCALES WITH p-LAPLACIAN**
DOĞAN A.
BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, cilt.43, sa.2, ss.373-384, 2017 (SCI İndekslerine Giren Dergi)
- VIII. **EIGENVALUE PROBLEMS FOR SINGULAR MULTI-POINT DYNAMIC EQUATIONS ON TIME SCALES**
DOĞAN A.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2017 (SCI İndekslerine Giren Dergi)
- IX. **Eigenvalue problems for nonlinear third-order m-point p-Laplacian dynamic equations on time scales**
DOĞAN A.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.39, sa.7, ss.1634-1645, 2016 (SCI İndekslerine Giren Dergi)
- X. **Multiple positive solutions of nonlinear m-point dynamic equations for p-Laplacian on time scales**
DOĞAN A.
TURKISH JOURNAL OF MATHEMATICS, cilt.40, sa.5, ss.941-959, 2016 (SCI İndekslerine Giren Dergi)
- XI. **THE EXISTENCE OF POSITIVE SOLUTIONS FOR A SEMIPOSITONE SECOND-ORDER m-POINT BOUNDARY VALUE PROBLEM**
DOĞAN A.
DYNAMIC SYSTEMS AND APPLICATIONS, cilt.24, sa.4, ss.419-427, 2015 (SCI İndekslerine Giren Dergi)
- XII. **On the existence of positive solutions for the second-order boundary value problem**
Dogan A.
APPLIED MATHEMATICS LETTERS, cilt.49, ss.107-112, 2015 (SCI İndekslerine Giren Dergi)
- XIII. **ON THE EXISTENCE OF POSITIVE SOLUTIONS FOR THE ONE-DIMENSIONAL p-LAPLACIAN BOUNDARY VALUE PROBLEMS ON TIME SCALES**
DOĞAN A.
DYNAMIC SYSTEMS AND APPLICATIONS, cilt.24, sa.3, ss.295-303, 2015 (SCI İndekslerine Giren Dergi)
- XIV. **TRIPLE POSITIVE SOLUTIONS FOR m-POINT BOUNDARY-VALUE PROBLEMS OF DYNAMIC EQUATIONS ON TIME SCALES WITH p-LAPLACIAN**
Dogan A.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2015 (SCI İndekslerine Giren Dergi)

- XV. **Existence of Countably Many Positive Solutions for Nonlinear Boundary Value Problems on Time Scales**
Dogan A.
APPLIED MATHEMATICS & INFORMATION SCIENCES, cilt.8, sa.5, ss.2177-2187, 2014 (SCI İndekslerine Giren Dergi)
- XVI. **EXISTENCE OF POSITIVE SOLUTIONS FOR p -LAPLACIAN AN m -POINT BOUNDARY VALUE PROBLEM INVOLVING THE DERIVATIVE ON TIME SCALES**
Dogan A.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2014 (SCI İndekslerine Giren Dergi)
- XVII. **Existence of multiple positive solutions for p -Laplacian multipoint boundary value problems on time scales**
Dogan A.
ADVANCES IN DIFFERENCE EQUATIONS, 2013 (SCI İndekslerine Giren Dergi)
- XVIII. **EXISTENCE OF THREE POSITIVE SOLUTIONS FOR AN m -POINT BOUNDARY-VALUE PROBLEM ON TIME SCALES**
Dogan A.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2013 (SCI İndekslerine Giren Dergi)
- XIX. **HIGHER-ORDER SINGULAR MULTI-POINT BOUNDARY-VALUE PROBLEMS ON TIME SCALES**
DOĞAN A., Graef J. R. , Kong L.
PROCEEDINGS OF THE EDINBURGH MATHEMATICAL SOCIETY, cilt.54, ss.345-361, 2011 (SCI İndekslerine Giren Dergi)
- XX. **Higher order semipositone multi-point boundary value problems on time scales**
Dogan A., Graef J. R. , Kong L.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, cilt.60, sa.1, ss.23-35, 2010 (SCI İndekslerine Giren Dergi)
- XXI. **Numerical integration of the RLW equation using cubic splines**
Irk D., Dag W., Dogan A.
ANZIAM JOURNAL, cilt.47, ss.131-142, 2005 (SCI İndekslerine Giren Dergi)
- XXII. **Application of Galerkin's method to equal width wave equation**
DOĞAN A.
APPLIED MATHEMATICS AND COMPUTATION, cilt.160, sa.1, ss.65-76, 2005 (SCI İndekslerine Giren Dergi)
- XXIII. **A Galerkin finite element approach to Burgers' equation**
DOĞAN A.
APPLIED MATHEMATICS AND COMPUTATION, cilt.157, sa.2, ss.331-346, 2004 (SCI İndekslerine Giren Dergi)
- XXIV. **Galerkin method for the numerical solution of the RLW equation using quadratic B-splines**
Saka B., Dag I., DOĞAN A.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.81, sa.6, ss.727-739, 2004 (SCI İndekslerine Giren Dergi)
- XXV. **Numerical investigation of heat and mass transfer in a metal hydride bed**
DOĞAN A., Kaplan Y., Veziroğlu T. N.
APPLIED MATHEMATICS AND COMPUTATION, cilt.150, sa.1, ss.169-180, 2004 (SCI İndekslerine Giren Dergi)
- XXVI. **B-spline collocation methods for numerical solutions of the RLW equation**
Dag I., DOĞAN A., Saka B.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, cilt.80, sa.6, ss.743-757, 2003 (SCI İndekslerine Giren Dergi)
- XXVII. **Numerical solution of RLW equation using linear finite elements within Galerkin's method**
DOĞAN A.
APPLIED MATHEMATICAL MODELLING, cilt.26, sa.7, ss.771-783, 2002 (SCI İndekslerine Giren Dergi)
- XXVIII. **Numerical solution of regularized long wave equation using Petrov-Galerkin method**
DOĞAN A.
COMMUNICATIONS IN NUMERICAL METHODS IN ENGINEERING, cilt.17, sa.7, ss.485-494, 2001 (SCI İndekslerine Giren Dergi)

XXIX. A Petrov-Galerkin finite element scheme for Burgers' equation

Gardner L. R. , Gardner G., DOĞAN A.

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.22, ss.99-109, 1997 (SCI İndekslerine Giren Dergi)

XXX. A least-squares finite element scheme for the RLW equation

Gardner L. R. , Gardner G., DOĞAN A.

COMMUNICATIONS IN NUMERICAL METHODS IN ENGINEERING, cilt.12, sa.11, ss.795-804, 1996 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Existence of positive solutions to multi-point third order problems with sign changing nonlinearities**
DOĞAN A., Graef J. R.
ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA, cilt.24, sa.1, ss.109-129, 2020 (ESCI İndekslerine Giren Dergi)
- II. **Three positive solutions of a three-point boundary value problem for the p-Laplacian dynamic equation on time scales**
DOĞAN A.
Communications in Optimization Theory, ss.1-13, 2018 (Diğer Kurumların Hakemli Dergileri)
- III. **On the existence of positive solutions for nonlinear three-point boundary value problem**
DOĞAN A.
Communications in Optimization Theory, 2018 (Diğer Kurumların Hakemli Dergileri)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **On the existence of positive solutions for nonlinear three point boundary value problem**
DOĞAN A.
2nd International Conference on Analysis and its Applications, 12 - 15 Temmuz 2016
- II. **Existence criteria of three positive solutions to boundary value problems for p Laplacian dynamic equations on time scales**
DOĞAN A.
3rd International Conference on Recent Advances in Pure and Applied Mathematics, 19 - 23 Mayıs 2016

Bilimsel Hakemlikler

Journal of Inequalities and Applications, SCI Kapsamındaki Dergi, Mayıs 2018

Electronic Journal of Differential Equations, SCI Kapsamındaki Dergi, Ekim 2017

Advances in Difference Equations, SCI Kapsamındaki Dergi, Şubat 2017

Dynamics of Continuous, Discrete and Impulsive Systems Series A Mathematical Analysis, SCI Kapsamındaki Dergi, Ağustos 2016

Boundary Value problems, SCI Kapsamındaki Dergi, Mayıs 2016

Bulletin of Iranian Mathematical Society, SCI Kapsamındaki Dergi, Mart 2015

Advances in Difference Equations, SCI Kapsamındaki Dergi, Mayıs 2014

Advances in difference Equations, SCI Kapsamındaki Dergi, Mart 2014

Computers and Mathematics with Applications, SCI Kapsamındaki Dergi, Haziran 2010

Applied Mathematical Modelling, SCI Kapsamındaki Dergi, Şubat 2010

Applied Mathematics and Computation, SCI Kapsamındaki Dergi, Mayıs 2005

Journal of Computational and Applied Mathematics, SCI Kapsamındaki Dergi, Mart 2004

Kongre ve Sempozyum Katılımı Faaliyetleri

2nd International Conference on Analysis on Analysis and its Applications, Katılımcı, Kırşehir, Türkiye, 2016
2 nd International Conference of Analysis and its Applications, July 12-15, 2016 at Ahi Evran University, Kırşehir, Katılımcı, Kırşehir, Türkiye, 2016
The 3rd International Conference on Recent Advances in Pure and Applied Mathematics, Katılımcı, Muğla, Türkiye, 2016
10th AIMS International Conference on Dynamical Systems, Differential Equations and Applications, July 7-11, 2014, Madrid, Spain, Katılımcı, Madrid, İspanya, 2014
9th AIMS International Conference on Dynamical Systems, Differential Equations and Applications, July 1-5, 2012, Orlando, Florida, USA, Katılımcı, Florida, Amerika Birleşik Devletleri, 2012
8th AIMS International Conference on Dynamical Systems, Differential Equations and Applications, May 25-28, 2010 Dresden, Germany, Katılımcı, Dresden, Almanya, 2010
Applications of Time Scales to Biology, Economics and Engineering, American Mathematical Society in San Francisco, Katılımcı, California, Amerika Birleşik Devletleri, 2010
4th International Conference of Applied Mathematics and Computing, Katılımcı, Plovdiv, Bulgaristan, 2007
Erasmus Teaching Mobility, Katılımcı, Trnava, Slovakya, 2007

Atıflar

Toplam Atıf Sayısı (WOS): 416
h-indeksi (WOS): 12

Burslar

Post doktora, Üniversite, 2009 - Devam Ediyor
Post doktora, NATO, 2001 - Devam Ediyor
Doktora bursu, Üniversite, 1993 - Devam Ediyor
Lisans bursu, Özel Kurum ve Organizasyonlar, 1986 - Devam Ediyor
Devlet parasız yatılı bursu, Milli Eğitim Bakanlığı, 1977 - Devam Ediyor