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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-1249-2018

Yoksis Researcher ID: 6435

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1983 - 1987

Postgraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1981 - 1983

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1976 - 1980

Dissertations

Doctorate, Lineer Olmayan Diferensiyel Denklemlerin Çözümlerinin Sınırlı Olması Durumu, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 1987

Postgraduate, Diferensiyel Denklemlerde Matematiksel Modeller, Ankara University, Fen Fakültesi, Matematik Bölümü, 1983

Research Areas

Mathematics, Differential Equations, Functional Equations

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2001 - Continues

Professor, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 1998 - 2000

Associate Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 1992 - 1998

Assistant Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 1988 - 1992

Research Assistant, Ankara University, Fen Fakültesi, Matematik Bölümü, 1981 - 1987

Academic and Administrative Experience

Dean, Ankara University, 2015 - 2017

Ankara University, 2009 - 2015

Kocaeli University, 1999 - 2001

Kocaeli University, 1998 - 2001

Kocaeli University, 1999 - 2000

Courses

Diferensiyel Denklemler II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Differential Equations II, Postgraduate, 2022 - 2023, 2021 - 2022
Diferensiyel Denklemler II, Undergraduate, 2022 - 2023, 2021 - 2022
Diferensiyel Denklemler I, Undergraduate, 2022 - 2023
Diferensiyel Denklemler I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Differential Equations I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Fark Denklemleri II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Fark Denklemleri I, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
Fark Denklemleri, Postgraduate, 2013 - 2014
Salınım Teorisi, Postgraduate, 2008 - 2009

Advising Theses

BEREKETOĞLU H., İntegro fark denklemlerinin zayıf lineer olmayan analizi, Doctorate, M.EMRE(Student), 2020
BEREKETOĞLU H., Parçalı sürekli argümentli kısmi türevli denklemler, Doctorate, M.LAFICI(Student), 2017
BEREKETOĞLU H., Neutral Gecikmeli Fark Denklemleri Üzerine, Doctorate, V.KUTAY(Student), 2016
BEREKETOĞLU H., Fark denklemlerinde sınır değer problemleri, Postgraduate, M.EMRE(Student), 2014
BEREKETOĞLU H., Parçalı sürekli argümentli impulsiv diferensiyel denklemler, Doctorate, G.SEHAN(Student), 2013
BEREKETOĞLU H., Fark denklemleri, Postgraduate, V.KUTAY(Student), 2010
BEREKETOĞLU H., Parçalı sürekli argümentli diferensiyel denklemler, Postgraduate, G.SEHAN(Student), 2008
BEREKETOĞLU H., Impulsiv gecikmeli diferensiyel denklemler, Doctorate, F.KARAKOÇ(Student), 2007
BEREKETOĞLU H., Lineer olmayan fark denklemleri için impulsiv sınır değer problemi, Doctorate, A.HUSEYNOV(Student), 2005
BEREKETOĞLU H., Birinci basamaktan gecikmeli diferensiyel denklemlerin salınım teorisi, Postgraduate, N.TOPSAKAL(Student), 2003
BEREKETOĞLU H., Gecikmeli diferensiyel denklemlerin asimptotik kararlılığı, Postgraduate, F.KARAKOÇ(Student), 2002
BEREKETOĞLU H., Gecikmeli diferensiyel denklemler ve kararlılık teorisi, Postgraduate, İ.SAKINÇ(Student), 2002
BEREKETOĞLU H., İkinci mertebeden lineer olmayan diferensiyel denklemler için bir impulsiv sınır değer problemi, Postgraduate, A.HUSEYNOV(Student), 2002
BEREKETOĞLU H., Diferensiyel denklemlerin salınımlı çözümleri, Postgraduate, S.KAYA(Student), 1998
BEREKETOĞLU H., Üçüncü basamaktan lineer olmayan diferansiyel denklemlerin global asimptotik stabilitesi, Postgraduate, G.GÜRSOY(Student), 1998
BEREKETOĞLU H., Diferensiyel denklemlerde lineer ve lineer olmayan sistemlerin stabilitesi, Postgraduate, A.CEYHAN(Student), 1994

Published journal articles indexed by SCI, SSCI, and AHCI

- Some results on a first-order neutral differential equation with piecewise constant mixed arguments**
KAVGACI M. E., Al Obaidi H., BEREKETOĞLU H.
Periodica Mathematica Hungarica, vol.87, no.1, pp.265-277, 2023 (SCI-Expanded)

- II. **On a Partial Differential Equation with Piecewise Constant Mixed Arguments**
Buyukkahraman M. L., BEREKETOĞLU H.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.44, no.6, pp.1791-1801, 2020 (SCI-Expanded)
- III. **Oscillation of first-order differential equations with several non-monotone retarded arguments**
BEREKETOĞLU H., KARAKOÇ F., SEYHAN ÖZTEPE G., Stavroulakis I. P.
GEORGIAN MATHEMATICAL JOURNAL, vol.27, no.3, pp.341-350, 2020 (SCI-Expanded)
- IV. **BEHAVIOR OF SOLUTIONS OF A NONLINEAR IMPULSIVE SYSTEM WITH PIECEWISE CONSTANT MIXED ARGUMENTS**
Buyukkahraman M. L., SEYHAN ÖZTEPE G., BEREKETOĞLU H.
MISKOLC MATHEMATICAL NOTES, vol.21, no.2, pp.733-746, 2020 (SCI-Expanded)
- V. **Oscillation of a nonlinear impulsive differential equation system with piecewise constant argument**
KARAKOÇ F., ÜNAL A., BEREKETOĞLU H.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2018, 2018 (SCI-Expanded)
- VI. **Dynamical effects of nonlocal interactions in discrete-time growth-dispersal models with logistic-type nonlinearities**
Aydogmus O., Kang Y., KAVGACI M. E., BEREKETOĞLU H.
ECOLOGICAL COMPLEXITY, vol.31, pp.88-95, 2017 (SCI-Expanded)
- VII. **QUALITATIVE PROPERTIES OF A THIRD-ORDER DIFFERENTIAL EQUATION WITH A PIECEWISE CONSTANT ARGUMENT**
Bereketoğlu H., Lafci M., Seyhan Öztepe G.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, vol.2017, 2017 (SCI-Expanded)
- VIII. **On the Oscillation of a Third Order Nonlinear Differential Equation with Piecewise Constant Arguments**
BEREKETOĞLU H., Lafci M., SEYHAN ÖZTEPE G.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.14, no.3, 2017 (SCI-Expanded)
- IX. **Behavior of the Solutions of a Partial Differential Equation with a Piecewise Constant Argument**
BEREKETOĞLU H., Lafci M.
FILOMAT, vol.31, no.19, pp.5931-5943, 2017 (SCI-Expanded)
- X. **ASYMPTOTIC CONVERGENCE OF SOLUTIONS OF A SCALAR q -DIFFERENCE EQUATION WITH DOUBLE DELAYS**
Bereketoglu H., KAVGACI M. E., Oztepe G.
ACTA MATHEMATICA HUNGARICA, vol.148, no.2, pp.279-293, 2016 (SCI-Expanded)
- XI. **Asymptotic constancy for a system of impulsive pantograph equations**
Bereketoglu H., KARAKOÇ F.
ACTA MATHEMATICA HUNGARICA, vol.145, no.1, pp.68-79, 2015 (SCI-Expanded)
- XII. **On a certain impulsive differential system with piecewise constant arguments**
LAFCI M., BEREKETOĞLU H.
Mathematical Sciences, vol.8, no.1, 2014 (SCI-Expanded)
- XIII. **Asymptotic constancy for impulsive differential equations with piecewise constant argument**
Bereketoğlu H., Seyhan Öztepe G.
BULLETIN MATHEMATIQUE DE LA SOCIETE DES SCIENCES MATHEMATIQUES DE ROUMANIE, vol.57, no.2, pp.181-192, 2014 (SCI-Expanded)
- XIV. **CONVERGENCE OF THE SOLUTION OF AN IMPULSIVE DIFFERENTIAL EQUATION WITH PIECEWISE CONSTANT ARGUMENTS**
BEREKETOĞLU H., SEYHAN ÖZTEPE G.
MISKOLC MATHEMATICAL NOTES, vol.14, no.3, pp.801-815, 2013 (SCI-Expanded)
- XV. **Oscillation of nonlinear impulsive differential equations with piecewise constant arguments**
KARAKOÇ F., Unal A., BEREKETOĞLU H.
ELECTRONIC JOURNAL OF QUALITATIVE THEORY OF DIFFERENTIAL EQUATIONS, no.49, pp.1-12, 2013 (SCI-Expanded)

- XVI. **On a second order differential equation with piecewise constant mixed arguments**
Bereketoglu H., Seyhan G., KARAKOÇ F.
CARPATHIAN JOURNAL OF MATHEMATICS, vol.27, no.1, pp.1-12, 2011 (SCI-Expanded)
- XVII. **Convergence of solutions of nonhomogeneous linear difference systems with delays**
BEREKETOĞLU H., Huseynov A.
Acta Applicandae Mathematicae, vol.110, no.1, pp.259-269, 2010 (SCI-Expanded)
- XVIII. **Oscillatory and Periodic Solutions of Impulsive Differential Equations with Piecewise Constant Argument**
KARAKOÇ F., BEREKETOĞLU H., SEYHAN ÖZTEPE G.
ACTA APPLICANDAE MATHEMATICAE, vol.110, no.1, pp.499-510, 2010 (SCI-Expanded)
- XIX. **Advanced Impulsive Differential Equations with Piecewise Constant Arguments**
Bereketoglu H., Seyhan G., Ogun A.
MATHEMATICAL MODELLING AND ANALYSIS, vol.15, no.2, pp.175-187, 2010 (SCI-Expanded)
- XX. **Boundary value problems for nonlinear second-order difference equations with impulse**
Bereketoglu H., Huseynov A.
Applied Mathematics and Mechanics (English Edition), vol.30, no.8, pp.1045-1054, 2009 (SCI-Expanded)
- XXI. **Some results for linear impulsive DELAY differential equations**
Karakoç F., Bereketoglu H.
Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis, vol.16, no.3, pp.313-326, 2009 (SCI-Expanded)
- XXII. **Solutions of delay differential equations by using differential transform method**
Karakoç F., Bereketoglu H.
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, vol.86, no.5, pp.914-923, 2009 (SCI-Expanded)
- XXIII. **Asymptotic constancy for impulsive delay differential equations**
Bereketoglu H., Karakoç F.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.17, no.1, pp.71-83, 2008 (SCI-Expanded)
- XXIV. **On positive solutions for a nonlinear boundary value problem with impulse**
Bereketoglu H., Huseynov A.
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.56, no.1, pp.247-265, 2006 (SCI-Expanded)
- XXV. **ASYMPTOTIC CONSTANCY FOR NONHOMOGENEOUS LINEAR DIFFERENTIAL EQUATIONS WITH UNBOUNDED DELAYS**
Bereketoglu H., Pituk M.
DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS, pp.100-107, 2003 (SCI-Expanded)
- XXVI. **On the boundedness of the solutions of a third-order nonlinear differential equation**
Bereketoglu H., Gyori I.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.6, no.2, pp.263-270, 1997 (SCI-Expanded)
- XXVII. **Global asymptotic stability in a nonautonomous Lotka-Volterra type system with infinite delay**
Bereketoglu H., Gyori I.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.210, no.1, pp.279-291, 1997 (SCI-Expanded)
- XXVIII. **On the periodic solutions of certain class of seventh-order differential equations**
BEREKETOĞLU H.
Periodica Mathematica Hungarica, vol.24, no.1, pp.13-22, 1992 (SCI-Expanded)
- XXIX. **ON THE INSTABILITY OF TRIVIAL SOLUTIONS OF A CLASS OF 8TH-ORDER DIFFERENTIAL-EQUATIONS**
BEREKETOĞLU H.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.22, no.3, pp.199-202, 1991 (SCI-Expanded)

Articles Published in Other Journals

- I. **Oscillation and Periodicity of a Second Order Impulsive Delay Differential Equation with a Piecewise**

Constant Argument

S. Oztepe G., Karakoç F., Bereketoğlu H.

Communications in Mathematics, vol.25, no.2, pp.89-98, 2017 (Scopus)

- II. **Oscillation of a class of second order neutral difference equations with delays**
Vildan K., BEREKETOĞLU H.
Bulletin of Mathematical Analysis and Applications, vol.6, no.2, pp.23-31, 2014 (ESCI)
- III. **Convergence in an impulsive advanced differential equations with piecewise constant argument**
Seyhan Öztepe G., Bereketoğlu H.
BULLETIN OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.4, no.3, pp.57-70, 2012 (ESCI)
- IV. **Some results for linear impulsive delay differetial equations**
KARAKOÇ F., BEREKETOĞLU H.
Dynamics of Continuous, Discrete and Impulsive Systems Series A, vol.16, no.3, pp.313-326, 2009 (Peer-Reviewed Journal)
- V. **Some results on boundedness and stability of a third order differential equation with delay**
Karakoç F., Bereketoğlu H.
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI - MATEMATICA, vol.51, no.2, pp.245-258, 2005 (Peer-Reviewed Journal)
- VI. **Asymptotic stability in a fourth order delay differential equation**
Bereketoğlu H.
DYNAMIC SYSTEMS AND APPLICATIONS, vol.7, no.1, pp.105-115, 1998 (Peer-Reviewed Journal)
- VII. **Some results for a certain third order nonlinear differential equation**
Bereketoğlu H., Kart C.
Bull. Mathematique, Tome , vol.39, no.87, pp.77-83, 1996 (Peer-Reviewed Journal)
- VIII. **On the periodic solutions of certain class of eighth-order differential equations**
Bereketoğlu H.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.41, pp.55-65, 1992 (Peer-Reviewed Journal)
- IX. **Some oscillation theorems for perturbed nonlinear differential equations**
Bereketoğlu H., Çelebi O.
Pure Appl. Math. Sci., vol.33, pp.47-53, 1991 (Peer-Reviewed Journal)
- X. **On the boundedness and the stability of some differential equations of the fourth order**
Bereketoğlu H.
ANALELE STIINTIFICE ALE UNIVERSITATII AL I CUZA DIN IASI - MATEMATICA, vol.36, no.4, pp.371-378, 1990 (Scopus)
- XI. **On the boundedness of solutions of a certain differential equation of fourth-order**
Bereketoğlu H., Kart C.
JOURNAL OF KING SAUD UNIVERSITY - SCIENCE, vol.2, pp.169-182, 1990 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Diferensiyel Denklemler (TÜBA-TESEP BİLİMSEL TELİF ESER ÖDÜLÜ)**
Bereketoğlu H.
Nobel Akademi Yayıncılık, Ankara, 2021
- II. **Fark Denklemleri**
Bereketoğlu H., Kutay V.
Gazi Yayın Dağıtım, Ankara, 2011

Refereed Congress / Symposium Publications in Proceedings

I. First Order Neutral Differential Equations With Piecewise Constant Mixed Arguments

Kavgacı M. E., Bereketoğlu H., Al Obaidi H.

2nd International E-Conference on Mathematical and Statistical Sciences: A Selçuk Meeting, Konya, Turkey, 5 - 07 June 2023, pp.129

Activities in Scientific Journals

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Advisory Committee Member, 2014 - Continues

Memberships / Tasks in Scientific Organizations

American Mathematical Society, Member, 1998 - Continues, United States Of America

Türk Matematik Derneği, Member, 1997 - Continues, Turkey

Scientific Refereeing

APPLIED MATHEMATICS AND COMPUTATION, SCI Journal, May 2022

Tasks In Event Organizations

Bereketoğlu H., 3rd International Conference on Complex Dynamical Systems New Mathematical Concepts and Applications in Life Sciences, 24-26 November, 2014, TOBB University of Economics and Technology Ankara, Turkey,, Scientific Congress, Turkey, Kasım 2014

Bereketoğlu H., 9. Ankara Matematik Günleri, 12-13 Haziran 2014, Atılım Üniversitesi,, Scientific Congress, Turkey, Haziran 2014

Bereketoğlu H., Karakoç F., International Conference on Nonlinear Differential and Difference Equations: Recent Developments and Applications, Scientific Congress, Antalya, Turkey, Mayıs 2014

Bereketoğlu H., 8. Ankara Matematik Günleri, 13-14 Haziran 2013, Çankaya Üniversitesi, Scientific Congress, Turkey, Haziran 2013

Bereketoğlu H., 1st National Workshop on Complex Dynamical Systems and Their Applications, October 12-13.2012. TOBB University of Economics and Technology Ankara, Turkey, Scientific Congress, Turkey, Ekim 2012

Bereketoğlu H., 5. Ankara Matematik Günleri, 1-2 Haziran 2010, TOBB Ekonomi ve Teknoloji Üniversitesi, Scientific Congress, Turkey, Haziran 2010

Bereketoğlu H., International Conference of Mathematical Science, 04-10 August, 2009, Istanbul, Turkey, Scientific Congress, Turkey, Ağustos 2009

Bereketoğlu H., III. Ankara Matematik Günleri Sempozyumu, Ankara Üniversitesi, 22-23 Mayıs 2008, Scientific Congress, Turkey, Mayıs 2008

Metrics

Publication: 48

Citation (WoS): 293

Citation (Scopus): 336

H-Index (WoS): 9

H-Index (Scopus): 9

Congress and Symposium Activities

AMS - MAA 2015 Joint Mathematics Meetings, Attendee, Texas, United States Of America, 2015

Scholarships

Trinity University, Department of Mathematics, San Antonio, US, YOK, 2012 - 2012

Veszprem University, Department of Mathematics, Hungary, TUBITAK, 1996 - 1996

Indian Technology Institute of Bombay, India, Official Institutions of Foreign Countries, 1989 - 1990

Awards

Bereketođlu H., TÜBA-BİLİMSEL TELİF ESER ÖDÜLÜ, Türkiye Bilimler Akademisi, November 2022