

Prof. AHMET SİNAN ÖZKAN

Personal Information

Email: sozkan@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/sozkan>

Education Information

Doctorate, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, Turkey 2006 - 2010

Post Graduate, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, Turkey 2003 - 2005

Under Graduate, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, Turkey 1998 - 2002

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2013 - Continues

Assistant Professor, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2010 - 2013

Research Assistant, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2003 - 2010

Professional Experience

Head of Department, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2011 - 2013

Courses

Zaman Skalasında Dinamik Denklemler-II, Post Graduate, 2018 - 2019

Dinamik Equations on time scales 2, Doctorate, 2018 - 2019

Kısmi Diferansiyel Denklemler - II, Under Graduate, 2018 - 2019

Uzmanlık Alan Dersi, Post Graduate, 2019 - 2020

Kısmi Diferansiyel Denklemler - I, Under Graduate, 2019 - 2020

Diferansiyel Denklemler, Under Graduate, 2019 - 2020

Kompleks Değişkenli Fonks. - I, Under Graduate, 2019 - 2020

Dynamic Equations on Time Scales 1, Doctorate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Zaman Skalasında Dinamik Denklemler I, Post Graduate, 2019 - 2020

Seminer Dersi, Doctorate, 2019 - 2020

Uzmanlık Alan Dersi, Doctorate, 2019 - 2020

Kısmi Diferansiyel Denklemler - II, Under Graduate, 2018 - 2019

Seminer Dersi, Post Graduate, 2018 - 2019

Bitirme Ödevi/Tezi, Under Graduate, 2018 - 2019

Kısmi Diferansiyel Denklemler - I, Under Graduate, 2018 - 2019

Genel Matematik - II, Under Graduate, 2016 - 2017

Genel Matematik - II, Under Graduate, 2016 - 2017
Mühendislik Matematiği, Under Graduate, 2017 - 2018
Genel Matematik - I, Under Graduate, 2016 - 2017
Ters Problemlerde İleri Konular, Doctorate, 2016 - 2017
Analiz - II, Under Graduate, 2015 - 2016
Analiz - II, Under Graduate, 2015 - 2016
Strum-Liouville Operatörler İçin Ters Problemler, Post Graduate, 2015 - 2016
Analiz - I, Under Graduate, 2015 - 2016
Sınır Koşulları Parametreye Bağlı Sturm-Liouville Problemleri, Post Graduate, 2015 - 2016
Analiz - I, Under Graduate, 2015 - 2016
Matematikte Seçme Konular, Post Graduate, 2014 - 2015
Diferansiyel Denklemler, Under Graduate, 2015 - 2016
Ters Problemlerde İleri Konular, Doctorate, 2014 - 2015
Sınır Koşulları Parametreye Bağlı Sturm-Liouville Problemleri, Post Graduate, 2014 - 2015
Sturm Liouville Operatörler İçin Düz Problem, Post Graduate, 2013 - 2014
Lineer Cebir - II, Under Graduate, 2012 - 2013
Genel Matematik - II, Under Graduate, 2012 - 2013
Analitik Geometri - I, Under Graduate, 2013 - 2014
Lineer Cebir - II, Under Graduate, 2012 - 2013
Analitik Geometri - I, Under Graduate, 2013 - 2014
Genel Matematik - II, Under Graduate, 2012 - 2013
Genel Matematik - I, Under Graduate, 2013 - 2014
Cebire Giriş, Under Graduate, 2013 - 2014
Genel Matematik, Under Graduate, 2013 - 2014
Analitik Geometri - II, Under Graduate, 2012 - 2013
Analitik Geometri - II, Under Graduate, 2012 - 2013
Genel Matematik, Under Graduate, 2013 - 2014
Cebire Giriş, Under Graduate, 2013 - 2014
Genel Matematik - I, Under Graduate, 2012 - 2013
Lineer Cebir - I, Under Graduate, 2012 - 2013
Genel Matematik - I, Under Graduate, 2012 - 2013
Lineer Cebir - I, Under Graduate, 2012 - 2013
Diferansiyel Denklemler, Under Graduate, 2010 - 2011
Matematik - II, Associate Degree, 2010 - 2011
Matematik - I, Associate Degree, 2010 - 2011
Matematik - II, Associate Degree, 2010 - 2011
Matematik - II, Associate Degree, 2010 - 2011
Matematik - I, Associate Degree, 2010 - 2011
Soyut Matematik, Under Graduate, 2010 - 2011
Matematik - II, Associate Degree, 2010 - 2011
Matematik - II, Associate Degree, 2010 - 2011
Matematik - II, Associate Degree, 2010 - 2011
Matematik - I, Associate Degree, 2010 - 2011

Advising Theses

ÖZKAN A. S. , Zaman skalasında birinci ve ikinci mertebeden doğrusal dinamik denklemler, Post Graduate, G.AYDEMİR(Student), 2017
ÖZKAN A. S. , Sınır koşulları Nevanlinna tipinde fonksiyon içeren sınır-değer problemleri, Post Graduate, M.NAİMOĞLU(Student), 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **An interior inverse Sturm-Liouville problem on a time scale**
Adalar İ., Özkan A. S.
ANALYSIS AND MATHEMATICAL PHYSICS, vol.10, 2020 (Journal Indexed in SCI)
- II. **Half-inverse Sturm-Liouville problem on a time scale**
Özkan A. S. , Adalar İ.
Inverse Problems, vol.36, pp.1-8, 2020 (Journal Indexed in SCI)
- III. **Inverse problems for a conformable fractional Sturm-Liouville operator**
Adalar İ., ÖZKAN A. S.
Journal of Inverse and Ill-Posed Problems, 2020 (Journal Indexed in SCI Expanded)
- IV. **Boundary-value problem for a class of second-order parameter-dependent dynamic equations on a time scale**
Özkan A. S.
Mathematical Methods In The Applied Sciences, vol.43, pp.1-7, 2020 (Journal Indexed in SCI)
- V. **Ambarzumyan-type theorems on a time scale**
ÖZKAN A. S.
JOURNAL OF INVERSE AND ILL-POSED PROBLEMS, vol.26, pp.633-637, 2018 (Journal Indexed in SCI)
- VI. **Inverse nodal problems for Dirac-type integro-differential operators**
Keskin B., Ozkan A. S.
JOURNAL OF DIFFERENTIAL EQUATIONS, vol.263, pp.8838-8847, 2017 (Journal Indexed in SCI)
- VII. **STURM-LIOUVILLE OPERATOR WITH PARAMETER-DEPENDENT BOUNDARY CONDITIONS ON TIME SCALES**
Ozkan A. S.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2017 (Journal Indexed in SCI)
- VIII. **Inverse nodal problems for Sturm-Liouville equation with eigenparameter-dependent boundary and jump conditions**
Ozkan A. S. , KESKİN B.
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, vol.23, pp.1306-1312, 2015 (Journal Indexed in SCI)
- IX. **Discontinuous Sturm-Liouville Problems with Eigenvalue Dependent Boundary Condition**
Amirov R., Ozkan A. S.
MATHEMATICAL PHYSICS ANALYSIS AND GEOMETRY, vol.17, pp.483-491, 2014 (Journal Indexed in SCI)
- X. **Half-inverse Sturm-Liouville problem with boundary and discontinuity conditions dependent on the spectral parameter**
Ozkan A. S.
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, vol.22, pp.848-859, 2014 (Journal Indexed in SCI)
- XI. **UNIQUENESS OF THE SOLUTION OF HALF INVERSE PROBLEM FOR THE IMPULSIVE STURM LIOUVILLE OPERATOR**
Ozkan A. S. , KESKİN B., ÇAKMAK Y.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.50, pp.499-506, 2013 (Journal Indexed in SCI)
- XII. **Double Discontinuous Inverse Problems for Sturm-Liouville Operator with Parameter-Dependent Conditions**
Ozkan A. S. , Keskin B., Cakmak Y.
ABSTRACT AND APPLIED ANALYSIS, 2013 (Journal Indexed in SCI)
- XIII. **Uniqueness theorems for an impulsive Sturm-Liouville boundary value problem**
Ozkan A. S. , Keskin B.
APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B, vol.27, pp.428-434, 2012 (Journal

Indexed in SCI)

- XIV. **Spectral problem for a discontinuous integro-differential operator**
Keskin B., Ozkan A. S.
UKRAINIAN MATHEMATICAL JOURNAL, vol.64, pp.309-315, 2012 (Journal Indexed in SCI)
- XV. **Spectral problems for Sturm-Liouville operator with boundary and jump conditions linearly dependent on the eigenparameter**
Ozkan A. S. , Keskin B.
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, vol.20, pp.799-808, 2012 (Journal Indexed in SCI)
- XVI. **Inverse Sturm-Liouville problems with eigenvalue-dependent boundary and discontinuity conditions**
Ozkan A. S.
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, vol.20, pp.857-868, 2012 (Journal Indexed in SCI)
- XVII. **Inverse spectral problems for Dirac operator with eigenvalue dependent boundary and jump conditions**
Keskin B., Ozkan A. S.
ACTA MATHEMATICA HUNGARICA, vol.130, pp.309-320, 2011 (Journal Indexed in SCI)
- XVIII. **Direct and inverse problems for the Dirac operator with a spectral parameter linearly contained in a boundary condition**
Amirov R., Keskin B., Ozkan A. S.
UKRAINIAN MATHEMATICAL JOURNAL, vol.61, pp.1365-1379, 2009 (Journal Indexed in SCI)
- XIX. **Inverse problems for impulsive Sturm-Liouville operator with spectral parameter linearly contained in boundary conditions**
Amirov R., Ozkan A. S. , Keskin B.
INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS, vol.20, pp.607-618, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Parameter-Dependent Dirac Systems on Time Scales**
ÖZKAN A. S.
cumhuriyet science journal, vol.39, pp.864-870, 2018 (Refereed Journals of Other Institutions)
- II. **Ambarzumyan Type Theorems for a Class of Sturm-Liouville Problem**
ÖZKAN A. S. , ÇAKMAK Y.
Cumhuriyet Science Journal, vol.38, pp.396-399, 2017 (Refereed Journals of Other Institutions)
- III. **Inverse Nodal Problems for Impulsive Sturm-Liouville Equation with Boundary Conditions Depending on the Parameter**
KESKİN B., ÖZKAN A. S.
Advances in Analysis, vol.2, 2017 (Refereed Journals of Other Institutions)
- IV. **Inverse Problems for Dirac Operator with Boundary Conditions Involving A Herglotz-Nevanlinna function**
GÜLDÜ Y., ÖZKAN A. S.
Cumhuriyet Science Journal, vol.38, pp.204, 2017 (Refereed Journals of Other Institutions)
- V. **INVERSE NODAL PROBLEM FOR A STURM-LIOUVILLE OPERATOR WITH DISCONTINUOUS COEFFICIENT**
Ozkan A. S.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.66, pp.165-171, 2017 (Journal Indexed in ESCI)
- VI. **An Impulsive Sturm Liouville Problem with Boundary Conditions Containing Herglotz Nevanlinna Type Functions**
ÖZKAN A. S.
Applied Mathematics & Information Sciences, vol.9, pp.205-211, 2015 (Refereed Journals of Other Institutions)
- VII. **Half Inverse Problem for a Class of Differential Operator with Eigenvalue Dependent Boundary and**

Jump Conditions

ÖZKAN A. S.

Journal of Advanced Research in Applied Mathematics, vol.4, pp.43-49, 2012 (Refereed Journals of Other Institutions)

VIII. Inverse Problems for Impulsive Dirac Operators with Eigenvalue Dependent Boundary Condition

ÖZKAN A. S. , AMİROV R.

Journal of Advanced Research in Applied Mathematics, vol.3, pp.33-43, 2011 (Refereed Journals of Other Institutions)

IX. An interior inverse problem for the impulsive Dirac operator

ÖZKAN A. S. , AMİROV R.

Tamkang Journal of Mathematics, vol.42, 2011 (Refereed Journals of Other Institutions)

X. Inverse Spectral Problems for Discontinuous Sturm Liouville Operator with Eigenparameter Dependent Boundary Conditions

KESKİN B., ÖZKAN A. S. , YALÇIN N.

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.60, pp.15-25, 2011 (Refereed Journals of Other Institutions)

XI. Sınır Koşullarının Spektral Parametreyi İçerdiği Impulsive Sturm Liouville Sınır Değer Problemi İçin Düz ve Ters Problemler

AMİROV R., KESKİN B., ÖZKAN A. S.

C.Ü. Fen Bilimleri Dergisi, vol.27, pp.13-23, 2006 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Eigenvalues of a boundary value problem for the Diracsystem on a time scale

ÖZKAN A. S.

International Conference on Applied Mathematics, Modeling and Life Science Problems (ICAMLS'xx18), 3 - 05 October 2018

II. Parameter-Dependent Sturm-Liouville Problems on Time Scales

ÖZKAN A. S.

International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018

III. SINIR KOŞULLARI HERGLOTZ-NEVANLİNNATİPİNDE FONKSİYON BULUNDURAN DİRACOPERATÖRÜ İÇİN TERS PROBLEMLER

ÖZKAN A. S. , GÜLDÜ Y.

10. Ankara Matematik Günleri, Turkey, 11 - 12 June 2015

IV. GEÇİS KOSULLU STURM-LIOUVILLE OPERATÖRÜİÇİN TERS NODAL PROBLEM

ÖZKAN A. S.

10. Ankara Matematik Günleri, Turkey, 11 - 12 June 2015

V. Nodal noktalar ile Sturm-Liouville operatörününkatsayılarının belirlenmesi

ÖZKAN A. S. , KESKİN B.

9. Ankara Matematik Günleri, Turkey, 12 - 13 June 2014

VI. Uniqueness Theorems for an Impulsive Sturm-Liouville Boundary Value Problem

KESKİN B., ÖZKAN A. S.

International Conference on Applied Analysis and Algebra, 20 - 24 June 2012

VII. Half-Inverse Sturm-Liouville Problem with Boundary and Discontinuity Conditions Dependent on the Parameter

ÖZKAN A. S.

International Conference on Applied Analysis and Algebra, 20 - 24 June 2012

VIII. Süreksiz Sturm-Liouville Operatörleri içinYarı-Ters Problem

ÖZKAN A. S.

7.Ankara Matematik Günleri, Turkey, 31 May - 01 June 2012

- IX. **SINIR KOSULLARI ve SÜREKSİZLİK KOSULLARI PARAMETREYEBAĞLI STURM-LIOUVILLE OPERATÖRÜ İÇİN SPEKTRALPROBLEMLER**
ÖZKAN A. S. , KESKİN B.
5. ANKARA MATEMATİK GÜNLERİ, Turkey, 3 - 04 June 2010
- X. **SINIR KOŞULLARI PARAMETREYE BAĞLI DIRAC OPERATÖRLERİ**
ÖZKAN A. S. , AMİROV R.
5. Ankara Matematik Günleri, Turkey, 3 - 04 June 2010

Supported Projects

- Özkan A. S. , Project Supported by Higher Education Institutions, Zaman Skalasında Dirac Dinamik Denklemler sistemi ile Kurulan Parametreye Bağlı Sınır-Değer Problemlerinin Spektral Özellikleri, 2019 - 2019
- Özkan A. S. , Project Supported by Higher Education Institutions, Zaman Skalasında Parametreye Bağlı Sturm-Liouville Problemleri, 2018 - 2019
- KESKİN B., ÖZKAN A. S. , Project Supported by Higher Education Institutions, Süreksiz Katsayılı Sturm-Liouville operatörü için Ters Düğüm Problemi, 2016 - 2017
- ÖZKAN A. S. , KESKİN B., Project Supported by Higher Education Institutions, Konvolüsyon integro-diferansiyel operatörleri için ters nodal problemler, 2016 - 2017

Scientific Refereeing

- MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI Journal, June 2018
- QUAESTIONES MATHEMATICAE, National Scientific Refreed Journal, April 2018
- ADVANCES IN DIFFERENCE EQUATIONS, SCI Journal, March 2018

Citations

- Total Citations (WOS):120
- h-index (WOS):7