

Prof. BAKİ KESKİN

Personal Information

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Education Information

Doctorate, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2001 - 2007

Post Graduate, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1997 - 2000

Under Graduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1991 - 1996

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Aralığın iç noktasında süreksizliğe sahip ikinci mertebeden singüler operatörler için düz ve ters problemler, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2007

Post Graduate, Fourier serilerinin toplanabilirliği üzerine, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2000

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2019 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, 2013 - 2019

Assistant Professor, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2007 - 2013

Research Assistant, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Matematik Bölümü, 1997 - 2007

Professional Experience

Dean, Sivas Cumhuriyet University, Mimarlık, Güzel Sanatlar ve Tasarım Fakültesi, 2019 - Continues

Vice Dean, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, 2016 - 2019

Director of Vocational School, Sivas Cumhuriyet Üniversitesi, Kangal Meslek Yüksekokulu, 2010 - 2012

Courses

Genel Matematik - II, Under Graduate, 2018 - 2019
Matematik - II, Under Graduate, 2018 - 2019
Aralıkta süreksizliğe Sahip Bazı Difer. Oper. İçin Spektral Problemler, Doctorate, 2018 - 2019
Seminer Dersi, Doctorate, 2018 - 2019
Uzmanlık Alan Dersi, Post Graduate, 2019 - 2020
Analiz-I, Under Graduate, 2019 - 2020
Analiz-II, Under Graduate, 2018 - 2019
Uzmanlık Alan Dersi, Doctorate, 2019 - 2020
Genel Matematik - I, Under Graduate, 2018 - 2019
Dirac Operatörleri İçin Düz ve Ters Spektral Problemler, Doctorate, 2018 - 2019
Analiz - I, Under Graduate, 2018 - 2019
Bitirme Ödevi/Tezi, Under Graduate, 2018 - 2019
Genel Matematik - I, Under Graduate, 2018 - 2019
Matematik - I, Under Graduate, 2018 - 2019
Genel Matematik - II, Under Graduate, 2017 - 2018
Seminer Dersi, Post Graduate, 2017 - 2018
Diferansiyel Denklemler, Under Graduate, 2016 - 2017
Diferansiyel Denklemler, Under Graduate, 2016 - 2017
Diferansiyel Denk., Under Graduate, 2016 - 2017
Diferansiyel Denklemler, Under Graduate, 2017 - 2018
Genel Matematik - II, Under Graduate, 2015 - 2016
Genel Matematik - II, Under Graduate, 2015 - 2016
Genel Matematik - I, Under Graduate, 2016 - 2017
Genel Matematik - II, Under Graduate, 2015 - 2016
Strum-Liouville Operatörler İçin Ters Problemler, Post Graduate, 2015 - 2016
Mühendislik Matematiği, Under Graduate, 2015 - 2016
Mühendislik Matematiği, Under Graduate, 2015 - 2016
Genel Matematik - I, Under Graduate, 2015 - 2016
Genel Matematik - I, Under Graduate, 2015 - 2016
Kısmi Diferansiyel Denklemler - II, Under Graduate, 2013 - 2014
Kısmi Diferansiyel Denklemler - II, Under Graduate, 2013 - 2014
Kompleks Değ. Fonk. II, Under Graduate, 2012 - 2013
Kısmi Diferansiyel Denklemler - I, Under Graduate, 2013 - 2014
Olasılık ve İstatistik - II, Under Graduate, 2012 - 2013
Kompleks Değ. Fonk. II, Under Graduate, 2012 - 2013
Olasılık Ve İstatistik II, Under Graduate, 2012 - 2013
Olasılık Ve İstatistik II, Under Graduate, 2012 - 2013
Kısmi Diferansiyel Denklemler - I, Under Graduate, 2013 - 2014
Kompleks Değişkenli Fonksiyonlar- II, Under Graduate, 2012 - 2013
Kompleks Değişkenli Fonksiyonlar- II, Under Graduate, 2012 - 2013
Olasılık ve İstatistik - II, Under Graduate, 2012 - 2013
Kompleks Değişkenli Fonksiyonlar- I, Under Graduate, 2012 - 2013
Analitik Geometri - II, Under Graduate, 2011 - 2012
Olasılık ve İstatistik - I, Under Graduate, 2012 - 2013
Analitik Geometri - I, Under Graduate, 2012 - 2013
Analitik Geometri - II, Under Graduate, 2011 - 2012
Olasılık Ve İstatistik I, Under Graduate, 2012 - 2013
Kompleks Değ. Fonk. I, Under Graduate, 2012 - 2013
Kompleks Değişkenli Fonksiyonlar- I, Under Graduate, 2012 - 2013
Olasılık ve İstatistik - I, Under Graduate, 2012 - 2013
Olasılık Ve İstatistik I, Under Graduate, 2012 - 2013

Kompleks Değ. Fonk. I, Under Graduate, 2012 - 2013
Analitik Geometri - I, Under Graduate, 2012 - 2013
Analitik Geometri II, Under Graduate, 2010 - 2011
Genel Matematik - II, Under Graduate, 2010 - 2011
Analitik Geometri II, Under Graduate, 2010 - 2011
Analitik Geometri I, Under Graduate, 2010 - 2011
Kompleks Değişkenli Fonks. - II, Under Graduate, 2010 - 2011
Diferansiyel Denk., Under Graduate, 2010 - 2011
Analitik Geometri I, Under Graduate, 2010 - 2011
Kompleks Değişkenli Fonks. - I, Under Graduate, 2009 - 2010
Diferansiyel Denklemler - II, Under Graduate, 2009 - 2010
Genel Matematik - I, Under Graduate, 2010 - 2011
Diferansiyel Denklemler, Under Graduate, 2009 - 2010
Diferansiyel Denklemler II, Under Graduate, 2009 - 2010
Nümerik Analiz, Under Graduate, 2009 - 2010
Diferansiyel Denklemler I, Under Graduate, 2009 - 2010
Diferansiyel Denklemler - I, Under Graduate, 2009 - 2010
Matematik V, Under Graduate, 2007 - 2008
Diferansiyel Denklemler, Under Graduate, 2007 - 2008
Nümerik Analiz, Under Graduate, 2007 - 2008
Diferansiyel Denklemler Ve Lineer Cebir, Under Graduate, 2007 - 2008
Diferansiyel Denklemler Ve Lineer Cebir, Under Graduate, 2007 - 2008
Genel Matematik - II, Under Graduate, 2007 - 2008
Nümerik Analiz, Under Graduate, 2007 - 2008
Genel Matematik II, Under Graduate, 2007 - 2008
Analitik Geometri, Under Graduate, 2007 - 2008
Diferansiyel Denklemler, Under Graduate, 2007 - 2008

Advising Theses

Keskin B., Bir sınıf diferansiyel operatör için ters nodal problemler, Post Graduate, F.ERDEM(Student), 2019
KESKİN B., İntegro-dirac diferensiyel operatörü için ters nodal problemler, Post Graduate, H.DİLARA(Student), 2018
KESKİN B., Impulsive dirac operatörü için spektral problemler, Post Graduate, K.KÖSEOĞLU(Student), 2014
KESKİN B., Aralıkta süreksizlik noktalarına sahip dirac operatörü için spektral problemler, Post Graduate, A.YASİN(Student), 2014
Keskin B., Özkan A. S. , Diferansiyel operatörlerin bir sınıfı için spektral problemler, Post Graduate, E.ARACI(Student), 2013
KESKİN B., Sınır koşulları parametreye bağlı süreksiz Sturm-Liouville operatörleri için spektral problemler, Post Graduate, N.YALÇIN(Student), 2011

Jury Memberships

Appointment Academic Staff, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, May, 2020
Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, March, 2020
Appointment Academic Staff, Appointment Academic Staff, Erciyes Üniversitesi, January, 2020
Appointment Academic Staff, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, January, 2020
Associate Professor Exam, Associate Professor Exam, Erciyes Üniversitesi, August, 2019
Associate Professor Exam, Associate Professor Exam, Yıldız Teknik Üniversitesi, August, 2019
Associate Professor Exam, Associate Professor Exam, Karabük Üniversitesi, August, 2019

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

- I. **Inverse problems for one dimensional conformable fractional Dirac type integro differential system**
KESKİN B.
INVERSE PROBLEMS, vol.36, 2020 (Journal Indexed in SCI)
- II. **Reconstruction of the Volterra-type integro-differential operator from nodal points**
KESKİN B.
BOUNDARY VALUE PROBLEMS, 2018 (Journal Indexed in SCI)
- III. **Reconstruction of the Dirac-Type Integro-Differential Operator From Nodal Data**
KESKİN B., Tel H. D.
NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, vol.39, pp.1208-1220, 2018 (Journal Indexed in SCI)
- IV. **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)
- V. **Inverse problems for impulsive Dirac operators with spectral parameters contained in the boundary and multitransfer conditions**
Keskin B.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.38, pp.3339-3345, 2015 (Journal Indexed in SCI)
- VI. **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)
- VII. **Inverse spectral problems for impulsive Dirac operators with spectral parameters contained in the boundary and discontinuity conditions polynomially**
Keskin B.
NEURAL COMPUTING & APPLICATIONS, vol.23, pp.1329-1333, 2013 (Journal Indexed in SCI)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)

XIV. 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)

XV. 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. **Inverse Nodal Problems for Dirac-Type Integro-Differential System with Boundary Conditions Polynomially Dependent on the Spectral Parameter**
KESKİN B., Dilara T. H.
Cumhuriyet Science Journal, vol.40, pp.875-885, 2019 (Refereed Journals of Other Institutions)
- II. **Uniqueness Theorems for Sturm-Liouville Operator with Parameter Dependent Boundary Conditions and Finite Number Of Transmission Conditions**
ÇAKMAK Y., KESKİN B.
Cumhuriyet Science Journal, vol.38, pp.535-543, 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. **Spectral problems for impulsive Dirac operators with spectral parameters entering via polynomials in the boundary and discontinuity conditions**
KESKİN B.
Applied Mathematical Sciences, vol.6, pp.1893-1899, 2012 (Refereed Journals of Other Institutions)
- V. **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)
- VI. **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)
- VII. **Bessel Potansiyelli Sturm Liouville Denklemlerinin Çözümleri İçin İntegral Gösterimleri**
AMİROV R., KESKİN B.
C.Ü. Fen Bilimleri Dergisi, vol.27, pp.39-61, 2006 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Inverse Nodal Problems for Dirac-Type Integro-Differential System with Boundary Conditions Polynomially Dependent on the Spectral Parameter**
KESKİN B.
International Conference on Mathematics and Mathematics Education(ICMME-2018), Ordu University, Ordu, 27-29 June 2018, Ordu, Turkey, 27 - 29 June 2018

- II. **Inverse Nodal Problems For Dirac Differential Operators With Discontinuity Conditions Inside The Interval**
KESKİN B.
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu University, Ordu, 27-29 June 2018, Ordu, Turkey, 27 - 29 June 2018
- III. **Reconstruction of Dirac-type integro-differential operators by nodal data**
KESKİN B., Tel H. D.
2nd International Science Symposium "Science Festival", Tiflis, Georgia, 5 - 08 September 2017
- IV. **Inverse nodal problems for convolution type integro-differential equation**
KESKİN B., Tel H. D.
2nd International Science Symposium "Science Festival", Tiflis, Georgia, 5 - 08 September 2017
- V. **Inverse Problem on Sturm-Liouville Operator with Parameter Dependent Boundary and Finite number of Transmission Conditions**
ÇAKMAK Y., KESKİN B.
International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017
- VI. **SPEKTRAL PARAMETREYE BAĞLI SINIR VE SONLU SAYIDA SÜREKSİZLİK KOŞULUNA SAHİP DIRAC OPERATÖRLERİ İÇİN TERS PROBLEMLER**
KESKİN B.
10. Ankara Matematik Günleri, Turkey, 11 June 2014 - 12 June 2015
- VII. **SINIR VE SÜREKSİZLİK KOŞULLARININ SPEKTRAL PARAMETREYİ İÇERDİĞİ DIRAC OPERATÖRLERİ İÇİN TERS PROBLEMLER**
KESKİN B.
7. Ankara Matematik Günleri, Turkey, 31 - 01 May 2012
- VIII. **SINIR KOŞULLARI ve SÜREKSİZLİK KOŞULLARI PARAMETREYE BAĞLI STURM-LIOUVILLE OPERATÖRÜ İÇİN SPEKTRAL PROBLEMLER**
KESKİN B.
5. Ankara Matematik Günleri, Turkey, 3 - 04 June 2010

Supported Projects

- Keskin B., Project Supported by Higher Education Institutions, Aralıkta Süreksizliğe Sahip Dirac Diferansiyel Sistemlerinin Çözümü İçin Asimtotik Yaklaşımlar, 2018 - 2019
- ÖZKAN A. S. , KESKİN B., 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
- KESKİN B., Project Supported by Higher Education Institutions, A tipi bireysel araştırma projesi 29 12 2015, 2015 - 2015

Activities in Scientific Journals

Cumhuriyet Science Journal, Editor, 2017 - Continues

Scientific Refereeing

- INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, SCI Journal, May 2020
- MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI Journal, December 2019
- APPLIED MATHEMATICS AND COMPUTATION, SCI Journal, June 2019
- MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI Journal, May 2019

MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI Journal, January 2018

INVERSE PROBLEMS, SCI Journal, November 2017

NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, Journal Indexed in SCI-E, June 2017

INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, SCI Journal, June 2013

MATHEMATICAL METHODS IN THE APPLIED SCIENCES, SCI Journal, June 2012

Citations

Total Citations (WOS):110

h-index (WOS):6