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International Researcher IDs

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 1994 - 1998

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1990 - 1993

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 1983 - 1986

Academic Titles / Tasks

Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Matematik Bölümü, 1998 - Continues

Academic and Administrative Experience

Ondokuz Mayıs University, 2019 - Continues

Ondokuz Mayıs University, 2016 - Continues

Ondokuz Mayıs University, 2017 - 2020

Ondokuz Mayıs University, 2013 - 2014

Ondokuz Mayıs University, 2012 - 2012

Courses

Kısmi Diferansiyel Denklemler I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2014 - 2015

Diferansiyel Denklemler, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2015 - 2016

Nümerik Analize Giriş, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

Vektörel Analiz II, Undergraduate, 2019 - 2020

Diferansiyel Denklemler II, Postgraduate, 2019 - 2020

Vektörel Analiz I, Undergraduate, 2019 - 2020

Diferansiyel Denklemler I, Postgraduate, 2019 - 2020

DİFERANSİYEL DENKLEMLER I-II, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016

Bitirme Çalışması, Undergraduate, 2018 - 2019

DİFERANSİYEL DENKLEMLER, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015

VEKTÖREL ANALİZ I-II, Undergraduate, 2018 - 2019

KISIMI DİFERANSİYEL DENKLEMLER I, Undergraduate, 2017 - 2018

UYGULAMALI MATEMATİK, Undergraduate, 2016 - 2017, 2014 - 2015

NÜMERİK ANALİZ I, Doctorate, 2015 - 2016
DİFERENSİYEL DENKLEMLER I, Postgraduate, 2014 - 2015

Advising Theses

Nihat A., Çeşitli güçlü konveks fonksiyonlar için integral eşitsizlikleri, Doctorate, A.KÜBRA(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Trace Formula for Discontinuous Eigenvalue Problem**
HIRA F., ALTINIŞIK N.
FILOMAT, vol.31, no.8, pp.2425-2431, 2017 (SCI-Expanded)
- II. **Sturm-Liouville problem with moving discontinuity points**
HIRA F., ALTINIŞIK N.
BOUNDARY VALUE PROBLEMS, vol.2015, pp.1-20, 2015 (SCI-Expanded)
- III. **Sampling theory for Sturm-Liouville problem with boundary and transmission conditions containing an eigenparameter**
Hira F., Altınışik N.
ZEITSCHRIFT FÜR ANGEWANDTE MATHEMATIK UND PHYSIK, vol.66, no.4, pp.1737-1749, 2015 (SCI-Expanded)
- IV. **Dirac System with Discontinuities at Two Points**
Hira F., Altınışik N.
ABSTRACT AND APPLIED ANALYSIS, vol.2014, 2014 (SCI-Expanded)
- V. **Sampling theorems for Sturm-Liouville problem with moving discontinuity points**
Hira F., Altınışik N.
BOUNDARY VALUE PROBLEMS, vol.2014, 2014 (SCI-Expanded)
- VI. **Asymptotic formulas for eigenfunctions of the Sturm-Liouville problems with eigenvalue parameter in the boundary conditions**
Altınışik N., Mukhtarov O. S., Kadakal M.
KUWAIT JOURNAL OF SCIENCE & ENGINEERING, vol.39, no.1A, pp.1-17, 2012 (SCI-Expanded)
- VII. **Eigenvalues and eigenfunctions of discontinuous Sturm-Liouville problems with eigenparameter dependent boundary conditions**
Altınışik N., Kadakal M., Mukhtarov O.
ACTA MATHEMATICA HUNGARICA, vol.102, no.1-2, pp.159-175, 2004 (SCI-Expanded)
- VIII. **Eigenvalues and eigenfunctions of discontinuous Sturm-Liouville problems with eigenparameter in the boundary conditions**
Mukhtarov O., Kadakal M., Altınışik N.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.34, no.3, pp.501-516, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Regularized trace formula for Sturm-Liouville problem with retarded argument on quadratically eigenparameter-dependent boundary condition**
Hira F., Altınışik N.
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.12, no.2, pp.516-523, 2022 (ESCI)
- II. **Different Solution Method for Fuzzy Boundary Value Problem with Fuzzy Parameter**
CEYLAN T., ALTINIŞIK N.
International Journal of Mathematical Combinatorics, vol.1, no.1, pp.11-29, 2021 (Peer-Reviewed Journal)

- III. **Bulanık Parametrelili İkinci Mertebeden Bulanık Sınır Değer Problemi**
ALTINIŞIK N., CEYLAN T.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.1, pp.584-594, 2020 (Peer-Reviewed Journal)
- IV. **Two point fuzzy boundary value problem with eigenvalue parameter contained in the boundary condition**
CEYLAN T., ALTINIŞIK N.
Malaya Journal of Matematik, vol.6, no.4, pp.766-773, 2018 (Peer-Reviewed Journal)
- V. **Eigenvalue problem with fuzzy coefficients of boundary conditions**
CEYLAN T., ALTINIŞIK N.
Scholars Journal of Physics, Mathematics and Statistics, vol.5, no.2, pp.187-193, 2018 (Peer-Reviewed Journal)
- VI. **The examination of eigenvalues and eigenfunctions of the Sturm-Liouville Fuzzy problem according to boundary conditions**
GÜLTEKİN ÇİTİL H., ALTINIŞIK N.
International Journal of Mathematical Combinatorics, vol.1, pp.51-60, 2018 (Peer-Reviewed Journal)
- VII. **FUZZY EIGENVALUE PROBLEM WITH EIGENVALUE PARAMETER CONTAINED IN THE BOUNDARY CONDITION**
CEYLAN T., Altınışik N.
JOURNAL OF SCIENCE AND ARTS, no.3, pp.589-602, 2018 (ESCI)
- VIII. **THE EIGENVALUES AND THE EIGENFUNCTIONS OF THE STURM-LIOUVILLE FUZZY PROBLEM WITH FUZZY COEFFICIENT BOUNDARY CONDITIONS**
ÇİTİL H. G., Altınışik N.
JOURNAL OF SCIENCE AND ARTS, no.4, pp.947-958, 2018 (ESCI)
- IX. **On the Eigenvalues and the Eigenfunctions of the Sturm-Liouville Fuzzy Boundary Value Problem**
GÜLTEKİN ÇİTİL H., ALTINIŞIK N.
Journal of Mathematical and Computational Science, vol.7, no.4, pp.786-805, 2017 (Peer-Reviewed Journal)
- X. **Eigenvalue problem for discontinuous Dirac system with eigenparameter in a transmission condition**
HIRA F., ALTINIŞIK N.
General Mathematics Notes, vol.31, no.1, pp.72-84, 2015 (Peer-Reviewed Journal)
- XI. **Eigenvalue problem with moving discontinuity points**
HIRA F., ALTINIŞIK N.
Journal of Advances in Mathematics, vol.9, no.2, pp.2000-2010, 2014 (Peer-Reviewed Journal)
- XII. **Asymptotic expansion formulas for eigenvalues and eigenfunctions of the discontinuous boundary value problem with transmission condition**
GÜLTEKİN H., ALTINIŞIK N.
JOURNAL OF MATHEMATICAL AND COMPUTATIONAL SCIENCE, vol.4, no.2, pp.384-399, 2014 (Peer-Reviewed Journal)
- XIII. **On boundary value problems for second order fuzzy linear differential equations with constant coefficients**
GÜLTEKİN H., ALTINIŞIK N.
Journal of Advances in Mathematics, vol.8, no.3, pp.1613-1631, 2014 (Peer-Reviewed Journal)
- XIV. **Expansion theorems for discontinuous Sturm Liouville problem**
HIRA F., ALTINIŞIK N.
Journal of Mathematical and Computational Science, vol.4, no.2, pp.335-349, 2014 (Peer-Reviewed Journal)
- XV. **On solution of two-point fuzzy boundary value problems**
GÜLTEKİN ÇİTİL H., ALTINIŞIK N.
Bulletin of Society for Mathematical Services and Standards, vol.3, no.2, pp.43-53, 2014 (Peer-Reviewed Journal)
- XVI. **Bir süreksiz Sturm Liouville probleminin Green fonksiyonu Rezolvent operatörü ve kendine eşlenikliği**
Mukhtarov F. Ş., ALTINIŞIK N., KADAKAL M.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.5, no.1, pp.85-102, 2012 (Peer-Reviewed Journal)
- XVII. **A Statistical Analysis Of The Solvency Of Life Insurance Companies**

ALTINIŞIK N., MUKHTAROV O. S.

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, vol.4, no.2, pp.173-180, 2003 (Peer-Reviewed Journal)

- XVIII. **Sınır şartlarında özdeğer parametre bulunduran süreksiz Sturm Liouville probleminin bazı spektral özellikleri**

MUHTAROĞLU O., KADAKAL M., ALTINIŞIK N.

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.6, no.1, pp.90-96, 2002 (Peer-Reviewed Journal)

- XIX. **Some intrinsic relation for an elastic line on a hypersurface in euclidean space**

Yılmaz M., ALTINIŞIK N.

BULLETIN OF PURE & APPLIED SCIENCES, SECTION E: MATHEMATICS, vol.19, no.2, pp.399-404, 2000 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Sturm Liouville Problem with Discontinuity Conditions at Several Points**

HIRA F., ALTINIŞIK N.

in: FIRST INTERNATIONAL CONFERENCE ON ANALYSIS AND APPLIED MATHEMATICS (ICAAM 2012), Ashyralyev, A ; Lukashov, A, Editor, American Institute of Physics, pp.126-129, 2012

- II. **Sturm Liouville problem with discontinuity conditions at several pointsA**

HIRA F., ALTINIŞIK N.

in: First International Conference on Analysis and Applied Mathematics, Ashyralyev Allaberen, Lukashov Alexey, Editor, American Institute of Physics, New York, pp.126-129, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Different Solution Method for Fuzzy Boundary Value Problem with Fuzzy Parameter**

CEYLAN T., ALTINIŞIK N.

4th INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 27 - 29 October 2020

- II. **Fuzzy eigenvalue problem with eigenvalue parameter contained in the boundary condition**

CEYLAN T., ALTINIŞIK N.

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

- III. **Fuzzy eigenvalue problem with fuzzy coefficients of boundary conditions**

CEYLAN T., ALTINIŞIK N.

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

- IV. **Two-Point Fuzzy Boundary Value Problems with Eigenvalue Parameter Contained in the Boundary Conditions**

CEYLAN T., ALTINIŞIK N.

The 5th International Fuzzy Systems Symposium (FUZZYSS 17), Ankara, Turkey, 14 - 15 October 2017

- V. **Homojen olmayan fuzzy Sturm-Liouville problemi**

GÜLTEKİN ÇİTİL H., ALTINIŞIK N.

30. Ulusal Matematik Sempozyumu, Ankara, Turkey, 6 - 09 September 2017

- VI. **Fuzzy Sturm-Liouville problems**

CEYLAN T., ALTINIŞIK N.

International Workshop on Mathematical Methods in Engineering, Ankara, Turkey, 27 - 29 April 2017

- VII. **Eigenvalues and eigenfunctions of Sturm Liouville problem with discontinuous at the neighborhood**

HIRA F., ALTINIŞIK N.

International Conference on Applied Analysis and Mathematical Modeling-ICAAMM 2013, İstanbul, Turkey, 2 - 05 June 2013

- VIII. **Sturm Liouville Problem with Discontinuity Conditions at Several Points**

Hıra F., Altınıřık N.

1st International Conference on Analysis and Applied Mathematics (ICAAM), Gümüşhane, Turkey, 18 - 21 October 2012, vol.1470, pp.126-129

- IX. **Birleřtirilmiř geiř řartlı sınır deęer probleminin özdeęer ve özfonksiyonlarının asimptotik açılımları**
HIRA F., ALTINIřIK N., MUHTAROęLU O.

XVI. Ulusal Mekanik Kongresi, Kayseri, Turkey, 22 - 26 June 2009

- X. **Birleřtirilmiř geiř řartlı süreksiz sınır deęer probleminin özdeęer ve özfonksiyonlarının asimptotik açılımları Kayseri**

HIRA F., ALTINIřIK N., MUHTAROęLU O.

XVI. ULUSAL MEKANİK KONGRESİ, Kayseri, Turkey, 10 - 12 June 2009

- XI. **Sınır řartlarında özdeęer parametresi bulunduran süreksiz Sturm-Liouville probleminin özfonksiyonları**

ALTINIřIK N., MUHTAROęLU O., KADAKAL M.

II. Türk Dünyası Matematik Sempozyumu, Sakarya, Turkey, 4 - 07 July 2007

- XII. **Sınır řartlarında özdeęer parametre bulunduran süreksiz katsayılı sınır deęer probleminin bazı spektral özellikleri**

MUHTAROęLU O., ALTINIřIK N.

I. Türk Dünyası Matematik Sempozyumu, Turkey, 29 June - 02 July 1999, vol.11, pp.303-312