

Asst. Prof. İBRAHİM ADALAR

Personal Information

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2013 - 2018

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2011 - 2013

Postgraduate, Sivas Cumhuriyet University, Eğitim Fakültesi, Orta Öğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 2003 - 2008

Dissertations

Doctorate, Sturm-Liouville operatörünün özdeğerleri ile asal sayılar arasındaki ilişki, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2018

Postgraduate, Sturm-Liouville operatörü için ters problemlerin nümerik yöntemlerle çözümü, Sivas Cumhuriyet Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2013

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Zara Veysel Dursun Uygulamalı Bilimler Yüksekokulu, SİGORTACILIK BÖLÜMÜ, 2018 - Continues

Lecturer, Sivas Cumhuriyet University, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Muhasebe Ve Vergi, 2010 - 2018

Academic and Administrative Experience

Head of Department, Sivas Cumhuriyet University, Zara Veysel Dursun Uygulamalı Bilimler Yüksekokulu, Sigortacılık Ve Risk Yönetimi Bölümü, 2019 - 2020

Sivas Cumhuriyet Üniversitesi, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Muhasebe Ve Vergi Bölümü, 2017 - 2018

Courses

Matematik - II, Undergraduate, 2018 - 2019, 2019 - 2020

Aktüerya Matematiği, Undergraduate, 2019 - 2020

Finans Matematiği, Undergraduate, 2018 - 2019, 2019 - 2020

Matematik - I, Undergraduate, 2019 - 2020

Olasılık Teorisi, Undergraduate, 2018 - 2019, 2019 - 2020

Jury Memberships

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Sivas Cumhuriyet Üniversitesi, January, 2021

Academic Staff Examination, Academic Staff Examination, Sivas Cumhuriyet Üniversitesi, June, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Inverse nodal problem for Dirac operator with integral type nonlocal boundary conditions**
Özkan A. S. , Adalar İ.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.0, pp.1-8, 2022 (Journal Indexed in SCI)
- II. **SPECTRAL PROBLEMS FOR STURM-LIOUVILLE OPERATOR WITH EIGENPARAMETER BOUNDARY CONDITIONS ON TIME SCALES**
Adalar İ.
Filomat, vol.36, no.8, 2022 (Journal Indexed in SCI Expanded)
- III. **Determination of a differential pencil from interior spectral data on a union of two closed intervals**
ADALAR İ.
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.1, pp.377-386, 2022 (Journal Indexed in SCI)
- IV. **HOCHSTADT-LIEBERMAN TYPE THEOREMS FOR A DIFFUSION OPERATOR ON A TIME SCALE**
ADALAR İ.
QUAESTIONES MATHEMATICAE, 2021 (Journal Indexed in SCI)
- V. **Inverse problems for a conformable fractional Sturm-Liouville operator**
Adalar İ., Özkan A. S.
Journal of Inverse and Ill-Posed Problems, vol.28, pp.775-782, 2020 (Journal Indexed in SCI)
- VI. **An interior inverse Sturm-Liouville problem on a time scale**
Adalar İ., Özkan A. S.
ANALYSIS AND MATHEMATICAL PHYSICS, vol.10, no.4, 2020 (Journal Indexed in SCI)
- VII. **Half-inverse Sturm-Liouville problem on a time scale**
Özkan A. S. , Adalar İ.
INVERSE PROBLEMS, vol.36, no.2, 2020 (Journal Indexed in SCI)
- VIII. **EIGENVALUES OF STURM-LIOUVILLE OPERATORS AND PRIME NUMBERS**
AMİROV R., ADALAR İ.
ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **IRRATIONAL NUMBERS AND STURM-LIOUVILLE PROBLEMS**
Adalar İ.
The Mathematics Student, vol.91, no.4, 2022 (Refereed Journals of Other Institutions)
- II. **A Uniqueness Theorem For Inverse Sturm-Liouville Problem**
Adalar İ.
APPLIED MATHEMATICS E-NOTES, vol.21, pp.97-102, 2021 (Journal Indexed in ESCI)
- III. **On Mochizuki-Trooshin Theorem for Sturm-Liouville Operators**
ADALAR İ.
Cumhuriyet Science Journal, vol.40, no.1, pp.108-116, 2019 (Refereed Journals of Other Institutions)
- IV. **Eigenvalues of diffusion operators and Prime numbers**
Amirov R., Adalar İ.
Cumhuriyet Science Journal, vol.38, no.3, pp.488-491, 2017 (Refereed Journals of Other Institutions)

V. GENELLEŞTİRİLMİŞ EULER SABİTİ İLE ARDIŞIK ASALLAR ARASINDAKİ İLİŞKİ

ADALAR İ.

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.25, pp.479-489, 2009 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Half-Inverse Problem for a Quadratic Pencil of Sturm-Liouville Operator with Eigenparameter Dependent Boundary Condition**
Adalar İ.
5th International Conference on Computational Mathematics and Engineering Sciences, Van, Turkey, 8 - 10 June 2021, pp.85
- II. **A Uniqueness Theorem for a Diffusion Operator with the Spectral Parameter in Boundary Conditions on a Compact Set**
Adalar İ.
7th IFS and Contemporary Mathematics Conference, Mersin, Turkey, 25 - 29 May 2021, pp.155
- III. **INVERSE PROBLEM FOR A FRACTIONAL STURM-LIOUVILLE OPERATOR WITH THE SYMMETRIC POTENTIAL**
Adalar İ.
2ND INTERNATIONAL CONGRESS ON MATHEMATICS AND GEOMETRY, Ankara, Turkey, 20 May 2021, pp.212-213
- IV. **Inverse-Nodal Problem for a Discontinuous Sturm-Liouville Operator**
Adalar İ.
International Congress of Engineering and Natural Sciences Studies, Ankara, Turkey, 7 - 09 May 2021, pp.121
- V. **Ambartzumyan's theorem with eigenparameter in the boundary conditions on closed sets**
Adalar İ.
4th INTERNATIONAL CONFERENCE ON MATHEMATICS "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 27 - 30 October 2020, pp.215
- VI. **AMBARZUMYAN-TYPE THEOREM FOR CONFORMABLE STURM-LIOUVILLE PROBLEM**
Adalar İ.
7th International Congress on Fundamental and Applied Sciences, Pristine, Kosovo, 06 October 2020, pp.46

Scientific Refereeing

FILOMAT, Journal Indexed in SCI-E, July 2022

FILOMAT, Journal Indexed in SCI-E, March 2022

Palestine Journal of Mathematics, Other Indexed Journal, August 2021

APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B, Journal Indexed in SCI-E, May 2021

INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, February 2021

Cumhuriyet Science Journal, National Scientific Refreed Journal, January 2021

BULLETIN OF THE IRANIAN MATHEMATICAL SOCIETY, Journal Indexed in SCI-E, November 2020

Cumhuriyet Science Journal, National Scientific Refreed Journal, September 2020

Cumhuriyet Science Journal, National Scientific Refreed Journal, December 2019

Citations

Total Citations (WOS):15

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