

Asst. Prof. MEHMET KAYALAR

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 1998 - 2003

Postgraduate, Firat University, Institute Of Science, Matematik, Turkey 1995 - 1998

Undergraduate, Ataturk University, Fen-Edebiyat, Matematik, Turkey 1983 - 1988

Foreign Languages

English, B1 Intermediate

Dissertations

Postgraduate, STURM-LIOUVILLE OPERATÖRÜNÜN SPEKTRAL ANALİZİ, Firat University, Institute Of Science, 1998

Research Areas

Social Sciences and Humanities, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yildirim University, Meslek Yüksekokulu, Merkez Meslek Yüksekokulu, 2018 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Meslek Yüksekokulu, Merkez Meslek Yüksekokulu, 2006 - 2018

Assistant Professor, Ataturk University, Meslek Yüksekokulu, 2004 - 2006

Lecturer, Ataturk University, Meslek Yüksekokulu, 1993 - 2004

Academic and Administrative Experience

Head of Department, Erzincan Binali Yildirim University, Meslek Yüksekokulu, Tasarım Bölümü, 2018 - 2018

Head of Department, Erzincan Binali Yildirim University, Meslek Yüksekokulu, 2009 - 2018

Courses

GENELMATEMATİK, Associate Degree, 2021 - 2022
LİNEER CEBİR, Undergraduate, 2020 - 2021
MATEMATİK II, Associate Degree, 2017 - 2018
OPERATÖRLER TEORİSİ II, Postgraduate, 2010 - 2011
OPERATÖRLER TEORİSİ I, Postgraduate, 2009 - 2010
KOMPLEX FONKSİYONLAR TEORİSİ II, Undergraduate, 2008 - 2009
ANALİZ II, Undergraduate, 2008 - 2009
ANALİZ I, Undergraduate, 2008 - 2009
KOMPLEX FONKSİYONLAR TEORİSİ I, Undergraduate, 2008 - 2009

Advising Theses

Kayalar M., Regüler ve singüler diferansiyel operatörlerin spektral teorisi, Postgraduate, M.COŞKUN(Student), 2013

Articles Published in Other Journals

- I. **A uniqueness theorem for singular Sturm-liouville operator**
KAYALAR M.
Afrika Matematika, vol.34, no.3, 2023 (ESCI)
- II. **THE IMPORTANCE OF BLENDED LEARNING AND FLIPPED LEARNING IN MATHEMATICS EDUCATION DURING PANDEMIC**
KAYALAR M.
Indo-Asian Journal of Multidisciplinary Research (IAJMR), vol.6, no.6, pp.2154-2159, 2020 (Peer-Reviewed Journal)
- III. **Inverse Problem for Singular Sturm-Liouville operator**
KAYALAR M.
IOSR Journal of Mathematics, vol.13, no.4, pp.86-93, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **"On the inverse spectral problem for Sturm-Liouville operator having special singularity**
SAT M., Penahov E., KAYALAR M.
The 6th International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 11 - 13 July 2018, pp.1-8
- II. **A Hochstadt-Lieberman Theorem For Singular Sturm-Liouville Operator**
SAT M., KAYALAR M.
A Hochstadt-Lieberman Theorem For Singular Sturm-Liouville Operator, Baku, Azerbaijan, 1 - 03 July 2011, pp.268
- III. **On the Inverse Problem For Singular Sturm-Liouville Operator**
KAYALAR M., SAT M.
The 4th Congress Of The Turkic WorldMathematical Society(TWMS), Baku, Azerbaijan, 1 - 03 July 2011, pp.225
- IV. **A new approximation for singular inverse Sturm- Liouville problem**
BAS E., Panakhov E., KAYALAR M.
Of the third congress of the world mathematical society of Turkic countries, Almaty, Kazakhstan, 30 June - 04 July 2009, pp.183
- V. **On Inverse Problem For Singular Sturm-Liouville operator from two spectra**
Penahov E., Baş E., KAYALAR M.

II. Türk Dünyası Matematik Sempozyumu, Sakarya, Turkey, 6 - 10 June 2007, pp.99-100

VI. On the determination of the singular Sturm-Liouville operator from two spectra.

KAYALAR M., BAS E.

International conference on mathematics and mechanics devoted to the 5th anniversary from birthday of member of the correspondent of NSA, professor I.T Mamedov. National Academy of Sciences of Azerbaijan, Baku, Azerbaijan, 16 - 20 July 2005, pp.49

VII. Half inverse problem for canonical dirac systems on the finite interval

İÇ Ü., KAYALAR M.

. X international conference on mathematics and mechanics devoted to the 45th anniversary of Institute of mathematics and Mechanics . National Academy of Sciences of Azerbaijan, Baku, Azerbaijan, 12 - 16 July 2004, pp.151

VIII. 'Belirli aralıklarda çakışmayan iki spektraya göre tekil Sturm-Liouville operatörü için ters problem

Penahov E., KAYALAR M., Aydın M.

I. Turkish World Mathematics Symposium, Elazığ, Turkey, 4 - 07 September 1999, pp.172-173

Metrics

Publication: 11

Non Academic Experience

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M.E.B