

Assoc. Prof. ABDULLAH ERGÜN

Personal Information

Email: aergun@cumhuriyet.edu.tr

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

International Researcher IDs

ORCID: 0000-0002-2795-8097

Yoksis Researcher ID: 111672

Education Information

Doctorate, Tokat Gaziosmanpaşa University, Faculty Of Arts And Sciences, Turkey 2010 - 2015

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 2003 - 2006

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Matematik Bölümü, Turkey 1997 - 2001

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Differential Equations, Integral Equations, Operators

Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Sivas Teknik Bilimler Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2016 - Continues

Lecturer, Sivas Cumhuriyet University, Sivas Teknik Bilimler Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2002 - 2016

Academic and Administrative Experience

Director of Vocational School, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, İmranlı Myo, 2020 - Continues

Head of Department, Sivas Cumhuriyet University, Sivas Teknik Bilimler Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2016 - Continues

Assistant Director of Vocational School, Sivas Cumhuriyet University, Sivas Teknik Bilimler Meslek Yüksekokulu, Ulaştırma Hizmetleri, 2015 - 2019

Courses

Matematik - I, Associate Degree, 2019 - 2020

Matematik - II, Associate Degree, 2018 - 2019

Matematik - II, Associate Degree, 2018 - 2019

Matematik - I, Associate Degree, 2019 - 2020
 Matematik - II, Associate Degree, 2017 - 2018
 Matematik - II, Associate Degree, 2017 - 2018
 Matematik - I, Associate Degree, 2018 - 2019
 Matematik - I, Associate Degree, 2017 - 2018
 Matematik - II, Associate Degree, 2016 - 2017
 Matematik - I, Associate Degree, 2017 - 2018
 Matematik - I, Associate Degree, 2017 - 2018
 Matematik - II, Associate Degree, 2016 - 2017
 Matematik - II, Associate Degree, 2011 - 2012
 Matematik - II, Associate Degree, 2011 - 2012
 Genel Matematik, Undergraduate, 2010 - 2011
 Matematik - I, Undergraduate, 2007 - 2008
 Matematik - I, Undergraduate, 2007 - 2008
 Matematik II, Undergraduate, 2005 - 2006
 Matematik II, Undergraduate, 2005 - 2006
 Matematik-II, Undergraduate, 2005 - 2006
 Matematik IV, Undergraduate, 2005 - 2006
 Matematik, Associate Degree, 2005 - 2006
 Matematik, Associate Degree, 2005 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A half-inverse problem for singular diffusion operator with certain boundary conditions**
 ERGÜN A., AMİROV R.
 NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.38, no.4, pp.916-927, 2022 (SCI-Expanded)
- II. **Half inverse problem for diffusion operators with jump conditions dependent on the spectral parameter**
 ERGÜN A., AMİROV R.
 NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.38, no.3, pp.577-590, 2022 (SCI-Expanded)
- III. **Half-inverse problems for the quadratic pencil of the Sturm-Liouville equations with impulse**
 AMİROV R., ERGÜN A., DURAK S.
 NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, vol.37, no.1, pp.915-924, 2021 (SCI-Expanded)
- IV. **INVERSE PROBLEM FOR SINGULAR DIFFUSION OPERATOR**
 ERGÜN A.
 MISKOLC MATHEMATICAL NOTES, vol.22, no.1, pp.173-192, 2021 (SCI-Expanded)
- V. **A HALF-INVERSE PROBLEM FOR THE SINGULAR DIFFUSION OPERATOR WITH JUMP CONDITIONS**
 Ergün A.
 Miskolc Mathematical Notes, vol.2, no.21, pp.805-821, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Asymptotics of Eigenvalues of the Matrix Diffusion Operators**
 Ergün A.
 Fundamentals of Contemporary Mathematical Sciences, vol.2, no.1, pp.1-7, 2021 (Peer-Reviewed Journal)
- II. **The Multiplicity of Eigenvalues of A Vectorial Singular Diffusion Equation with Discontinuous Conditions**
 Ergün A.
 Eastern Anatolian Journal of Science, vol.6, no.2, pp.22-34, 2020 (Peer-Reviewed Journal)

- III. **Half inverse problems for the impulsive singular diffusion operator**
Amirov R., Ergün A.
Turkihs Journal of Science, vol.5, no.3, pp.186-198, 2020 (Peer-Reviewed Journal)
- IV. **The multiplicity of eigenvalues of a vectorial diffusion equations with discontinuous function inside a finite interval**
Ergün A.
Turkish Journal of Science, vol.5, no.2, pp.73-84, 2020 (Peer-Reviewed Journal)
- V. **PROPERTIES OF THE SPECTRUM FOR THE SINGULAR DIFFUSION OPERATOR**
ERGÜN A., AMİROV R.
Asian Journal of Mathematics and Computer research, vol.2, no.26, pp.74-87, 2019 (Peer-Reviewed Journal)
- VI. **Direct and Inverse problems for diffusion operator with discontinuity points**
ERGÜN A., AMİROV R.
Journal of Applied and Engineering Mathematics, vol.9, no.1, pp.9-21, 2019 (ESCI)
- VII. **Integral Representation for Solution of Discontinuous Diffusion Operator with Jump Conditions**
ERGÜN A.
Cumhuriyet Science Journal, vol.39, no.4, pp.842-863, 2018 (Peer-Reviewed Journal)
- VIII. **Integral representation for the Solutions Diffusion Equation with Discontinuity Function at Interval**
ERGÜN A., AMİROV R.
Asian Journal of Mathematics and Computer Research, vol.23, no.3, pp.124-140, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **HALF INVERSE PROBLEMS FOR THE IMPULSE QUADRATIC PENCIL WITH THE DISCONTINUITY COEFFICIENT**
Ergün A., Amirov R.
ICMRS2020-3RD INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES: CURRENT TRENDS AND DEVELOPMENTS, Antalya, Turkey, 20 - 22 November 2020, pp.73-74
- II. **The multiplicity of eigenvalues of a vectorial singular diffusion equations with discontinuous conditions**
ERGÜN A., AMİROV R.
2nd INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES, Antalya, Turkey, 27 - 30 April 2019, pp.1-19
- III. **Inverse problems for diffusion operator with discontinuity function**
Ergün A.
ISMS-International Symposium on Multidisciplinary Studies, Paris, France, 26 - 27 June 2018, pp.3-4
- IV. **ON GLM TYPE MAIN INTEGRAL EQUATION FOR SINGULAR STURM-LIOUVILLE OPERATOR WHICH HAS DISCONTINUOUS COEFFICIENT**
Topsakal N., Amirov R., Ergün A.
EJONS International Congress on Mathematic, Engineering and Natural Sciences-III, Mardin, Turkey, 21 - 22 April 2018, pp.1-2
- V. **ARALIKTA SÜREKSİZLİK FONKSİYONUNA SAHİP DİFÜZYON DENKLEMİNİN ÇÖZÜMLERİ İÇİN İNTEGRAL GÖSTERİLİM**
Ergün A., Amirov R.
1. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, İstanbul, Turkey, 2 - 03 March 2018, no.36934, pp.43-46

Metrics

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

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