

Lect. ALİ SEVİMLİCAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: LXB-0504-2024

ScopusID: 35225296400

Yoksis Researcher ID: 171552

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2000 - 2007

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 1997 - 2000

Undergraduate, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, Turkey 1992 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Problems for hyperbolic equation systems, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2007

Postgraduate, A Structure of generalized solutions for hyperbolic equations, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2000

Research Areas

Mathematics, Differential Equations, Fourier Analysis, Integral Equations, Partial Differential Equations, Special Functions, Natural Sciences

Academic Titles / Tasks

Lecturer, Dokuz Eylul University, Fen Fakültesi, Matematik Bölümü, 2007 - Continues

Research Assistant, Dokuz Eylul University, Fen Ve Edebiyat Fakültesi, Matematik Pr. (İngilizce), 1992 - 1997

Courses

Undergraduate

PROJECT (DİPLOMA PROJESİ), Undergraduate, 2024 - 2025, 2022 - 2023
MATEMATİK III, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
LİNEAR ALGEBRA, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
PARTİAL DİFFERENTİAL EQUATİONS, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
CALCULUS III, Undergraduate, 2015 - 2016
MATEMATİK II, Undergraduate, 2015 - 2016
APPLİED MATHEMATİCS I, Undergraduate, 2015 - 2016, 2014 - 2015
APPLİED MATHEMATİCS II, Undergraduate, 2014 - 2015, 2013 - 2014
MATEMATİK I, Undergraduate, 2014 - 2015, 2013 - 2014
DİFFERENTİAL EQUATİONS I, Undergraduate, 2014 - 2015, 2013 - 2014

Supervised Theses

SEVİMLİCAN A., Yarı kristallerin elastığının çözümleri üzerine bazı matematiksel ilkeler, Postgraduate, M.DERYA(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **AN ANALYTIC METHOD FOR THE INITIAL VALUE PROBLEM OF THE ELECTRIC FIELD SYSTEM IN VERTICAL INHOMOGENEOUS ANISOTROPIC MEDIA**
Yakhno V., SEVİMLİCAN A.
APPLICATIONS OF MATHEMATICS, vol.56, no.3, pp.315-339, 2011 (SCI-Expanded)
- II. **Constructing approximate Green's function for a vector equation for the electric field using the variational iteration method**
Sevimlican A.
APPLIED MATHEMATICS LETTERS, vol.23, no.5, pp.533-536, 2010 (SCI-Expanded)
- III. **Solving an initial value problem in inhomogeneous electrically and magnetically anisotropic uniaxial media**
Yakhno V. G., Sevimlican A.
APPLIED MATHEMATICS AND COMPUTATION, vol.215, no.11, pp.3839-3850, 2010 (SCI-Expanded)
- IV. **An Approximation to Solution of Space and Time Fractional Telegraph Equations by He's Variational Iteration Method**
Sevimlican A.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2010, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Fundamental Solution of the Cauchy Problem for an Anisotropic Electrodynamic System**
Valery Y., SEVİMLİCAN A.
Selçuk Journal Of Applied Mathematics, 2001 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Elastodynamics of 3D Quasicrystals in Inhomogeneous Media**
SEVİMLİCAN A.
INTERNATIONAL CONFERENCE ON MATHEMATICS"An Istanbul Meeting for World Mathematicians", 3 - 05 July 2019, pp.66
- II. **Elastodynamics of 2D Quasicrystals in Inhomogeneous Media**

Dalyan M. D., SEVİMLİCAN A.

VI. Kadın Matematikçiler Derneği Çalıştayı, Konya, Turkey, 26 - 28 April 2019, pp.21

III. Quasicrystals

Dalyan M. D., SEVİMLİCAN A.

İzmir Mathematics Days 2018, İzmir, Turkey, 26 - 27 August 2018, pp.5

IV. Initial value problem for 2D quasicrystals in inhomogeneous media

Sevimlican A., Altunkaynak M., Akmaz H. K.

KaratekinMathematics Days (KMD 2014), Çankırı, Turkey, 11 - 13 June 2014

V. Initial Value Problem For the Vector Equation of Electric Field in Biaxial Media

Yakhno V., SEVİMLİCAN A.

Workshop on Diferantial Equations and Applications, Ankara, Turkey, 8 - 10 February 2007

VI. Initial value problem for electric field in anisotropic media

Yakhno V., SEVİMLİCAN A.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006

VII. A method for the recovery of the electric field vibration inside vertical inhomogenous anisotropic dielectrics Mathematical Methods in Engineering

Yakhno V., SEVİMLİCAN A.

Mathematical Methods in Engineering, 27 - 29 April 2006

VIII. Multi dimensional inverse problem for Maxwell s system with matrix dielectric permeability

Valery Y., SEVİMLİCAN A.

The First International Conference , Inverse problems: Modelling and Simulation, Fethiye, Turkey, 14 - 21 July 2002

Metrics

Publication: 13

Citation (WoS): 32

Citation (Scopus): 44

H-Index (WoS): 3

H-Index (Scopus): 3