

Lect. ALİ SEVİMLİCAN

Personal Information

Email: ali.sevimlican@deu.edu.tr

Web: <https://avesis.deu.edu.tr/ali.sevimlican>

International Researcher IDs

ORCID: 0000-0003-4232-5519

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

PROJECT (DİPLOMA PROJESİ), Undergraduate, 2015 - 2016, 2014 - 2015

MATEMATİK III, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014

LİNEAR ALGEBRA, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014

PARTİAL DİFFERENTIAL EQUATIONS, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014

CALCULUS III, Undergraduate, 2015 - 2016
MATEMATİK II, Undergraduate, 2015 - 2016
APPLIED MATHEMATICS I, Undergraduate, 2015 - 2016, 2014 - 2015
APPLIED MATHEMATICS II, Undergraduate, 2014 - 2015, 2013 - 2014
MATEMATİK I, Undergraduate, 2014 - 2015, 2013 - 2014
DIFFERENTIAL EQUATIONS I, Undergraduate, 2014 - 2015, 2013 - 2014

Advising 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 Electrodynamical System**
Valery Y., SEVİMLİCAN A.
Selçuk Journal Of Applied Mathematics, 2001 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- 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