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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1989 - 1993

Postgraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1986 - 1989

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1982 - 1986

Research Areas

Mathematics

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2015 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2010 - 2015

Academic and Administrative Experience

BAP Coordinator, Ankara University, 2015 - 2020

Ankara University, 2010 - 2013

Deputy Head of Department, Ankara University, 2008 - 2012

Courses

Undergraduate

Fonksiyonel Analiz, Undergraduate, 2022 - 2023

SOYUT MATEMATİK II, Undergraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Fonksiyonel Analize Giriş, Undergraduate, 2021 - 2022

Bitirme Projesi, Undergraduate, 2021 - 2022

SOYUT MATEMATİK I, Undergraduate, 2022 - 2023, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006,

2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

FONKSİYONEL ANALİZ I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012

FONKSİYONEL ANALİZ II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012

MATEMATİK II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

MATEMATİK I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

UZMANLIK ALAN DERSİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Supervised Theses

Yardımcı Ş., Pisagor bulanık kümeler için benzerlik ölçüleri ve bazı karar verme uygulamaları, Postgraduate, B.AYDOĞAN(Student), 2022

YARDIMCI Ş., Yarım eksende spektral tekilliğe sahip sıçrama koşullu Sturm-Liouville operatörleri, Doctorate, İ.ERDAL(Student), 2018

YARDIMCI Ş., Impulsive Sturm-Liouville operators with spectral singularities on the semi-axis, Doctorate, İ.Erdal(Student), 2018

YARDIMCI Ş., Differential operators generated by the system of differential equations with general boundary conditions, Doctorate, Ç.CAN(Student), 2018

YARDIMCI Ş., Matris katsayılı fark operatörleri, Postgraduate, E.YILDIRIM(Student), 2014

YARDIMCI Ş., Diferensiyel operatörler için Weyl teorisi, Postgraduate, İ.ERDAL(Student), 2013

YARDIMCI Ş., Üstel integral fonksiyonların düzgün yakınsaklığı, Postgraduate, Ç.CAN(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spliced sequences and summability with a rate**
Yardımcı Ş., Gülfırat M.
Positivity, vol.27, no.1, 2023 (SCI-Expanded)
- II. **Pythagorean fuzzy points and applications in pattern recognition and Pythagorean fuzzy topologies**
OLGUN M., ÜNVER M., YARDIMCI Ş.
SOFT COMPUTING, vol.25, no.7, pp.5225-5232, 2021 (SCI-Expanded)
- III. **Pythagorean fuzzy topological spaces**
OLGUN M., ÜNVER M., YARDIMCI Ş.
COMPLEX & INTELLIGENT SYSTEMS, vol.5, no.2, pp.177-183, 2019 (SCI-Expanded)
- IV. **Investigation of an impulsive Sturm-Liouville operator on semi axis**
YARDIMCI Ş., ERDAL İ.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.48, no.5, pp.1409-1416, 2019 (SCI-Expanded)
- V. **Spectral properties of an impulsive Sturm-Liouville operator**
Bayram E., Erdal İ., Yardımcı Ş.
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2018, 2018 (SCI-Expanded)
- VI. **On the structure of discrete spectrum of a non-selfadjoint system of differential equations with integral boundary condition**
YARDIMCI Ş., KIR ARPAT E., Can C.
JOURNAL OF MATHEMATICAL CHEMISTRY, vol.55, no.5, pp.1202-1212, 2017 (SCI-Expanded)
- VII. **A note on spectral properties of a Dirac system with matrix coefficient**
AYGAR KÜÇÜKEVCİLİOĞLU Y., BAYRAM E., YARDIMCI Ş.

- JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.10, no.4, pp.1459-1469, 2017 (SCI-Expanded)
- VIII. **Numerical computation and properties of the two dimensional exponential integrals**
YARDIMCI Ş., OLGUN M., Can C.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, no.2, pp.483-495, 2016 (SCI-Expanded)
- IX. **Nonlinear fourth order boundary value problem**
YARDIMCI Ş., Ugurlu E.
BOUNDARY VALUE PROBLEMS, vol.2014, pp.1-10, 2014 (SCI-Expanded)
- X. **Uniform convergence and the properties of the exponential and generalized exponential integral functions**
BAYRAM E., YARDIMCI Ş.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.111, no.16, pp.2471-2473, 2010 (SCI-Expanded)
- XI. **A note on the spectral singularities of non-selfadjoint matrix-valued difference operators**
YARDIMCI Ş.
Journal of Computational and Applied Mathematics, vol.234, no.10, pp.3039-3042, 2010 (SCI-Expanded)
- XII. **The Knopp and statistical α -cores of sequences**
YARDIMCI Ş.
Mathematical Communications, vol.14, no.2, pp.299-305, 2009 (SCI-Expanded)
- XIII. **sigma-core and I-core of bounded sequences**
Demirci K., Yardimci Ş.
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, vol.290, no.2, pp.414-422, 2004 (SCI-Expanded)
- XIV. **Banach and statistical cores of bounded sequences**
Orhan C., Yardimci Ş.
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.54, no.1, pp.65-72, 2004 (SCI-Expanded)
- XV. **Core equality theorems for real bounded sequences**
Yardimci Ş.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.31, no.2, pp.129-135, 2000 (SCI-Expanded)
- XVI. **Core theorems for real bounded sequences**
Yardimci Ş.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.27, no.9, pp.861-867, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **EIGENVALUES AND SCATTERING PROPERTIES OF DIFFERENCE OPERATORS WITH IMPULSIVE CONDITION**
Erdal İ., Yardimci Ş.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.1, pp.663-671, 2019 (ESCI)
- II. **PRINCIPAL FUNCTIONS OF IMPULSIVE DIFFERENCE OPERATORS ON SEMI AXIS**
YARDIMCI Ş., ERDAL İ.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.2, pp.1797-1810, 2019 (ESCI)
- III. **STRONG CONVERGENCE IN TOPOLOGICAL SPACES**
ÜNVER M., YARDIMCI Ş.
METHODS OF FUNCTIONAL ANALYSIS AND TOPOLOGY, vol.24, no.1, pp.82-90, 2018 (ESCI)
- IV. **Statistical limit points of sequences on intuitionistic fuzzy normed spaces**
KARAKUŞ S., DEMİRCİ K., YARDIMCI Ş.
Journal of Concrete and Applicable Mathematics, vol.6, no.4, pp.375-386, 2008 (Peer-Reviewed Journal)
- V. **σ -Core for real bounded sequences**
YARDIMCI Ş.

Books

- I. **q-Rung Orthopair Fuzzy Points and Applications to q-Rung Orthopair Fuzzy Topological Spaces and Pattern Recognition**
TÜRKARSLAN E., ÜNVER M., OLGUN M., YARDIMCI Ş.
in: Advances in Topology and Their Interdisciplinary Applications, Santanu Acharjee, Editor, Springer Nature Singapore Pte Ltd., pp.245-259, 2023
- II. **Some Trigonometric Similarity Measures Based on the Choquet Integral for Pythagorean Fuzzy Sets and Applications to Pattern Recognition**
Türkarslan E., Olgun M., Ünver M., Yardımcı Ş.
in: Some Trigonometric Similarity Measures Based on the Choquet Integral for Pythagorean Fuzzy Sets and Applications to Pattern Recognition, Harish Garg, Editor, Springer Nature, Singapore, pp.83-104, 2021
- III. **2-additive choquet cosine similarity measures for simplified neutrosophic sets and applications to medical diagnosis**
Türkarslan E., Olgun M., Ünver M., Yardımcı Ş.
in: 2-additive choquet cosine similarity measures for simplified neutrosophic sets and applications to medical diagnosis, Harish Garg, Editor, NOVA Science Publishers Inc. , New York, pp.259-281, 2021

Activities in Scientific Journals

Communications Series A1: Mathematics and Statistics, Editor, 2015 - Continues

Metrics

Publication: 38

Citation (WoS): 70

Citation (Scopus): 49

H-Index (WoS): 4

H-Index (Scopus): 4