Doç. Dr. EZGİ ERDOĞAN

Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAM-9717-2020
ScopusID: 57069737200
Yoksis Araştırmacı ID: 186281

Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 2013 - 2018
Yüksek Lisans, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Mühendisliği (Yl) (Tezli), Türkiye 2010 - 2013
Lisans, Sakarya Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2006 - 2010

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Zero-Product Preserving Operators and Product-Factorability of Bilinear Maps, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2018
Yüksek Lisans, Yeni bir operatörün bazı uzaylardaki spektral analizi, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Mühendisliği (Yl) (Tezli), 2013

Araştırma Alanları

Fonksiyonel Analiz , Operatör Kuramı, Ölçüm ve İntegrasyon

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2021 - Devam Ediyor
Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2021
Araştırmacı, Universidad Politecnica de Valencia, 2016 - 2017

Verdiği Dersler

Analiz II, Lisans, 2020 - 2021

Analiz I, Lisans, 2020 - 2021

Topluma Hizmet Uygulamaları, Lisans, 2019 - 2020, 2018 - 2019

Matematik II, Lisans, 2019 - 2020

Matematik I, Lisans, 2019 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Approximation of Almost Diagonal Non-linear Maps by Lattice Lipschitz Operators**
    Arnau R., Calabuig J. M., ERDOĞAN E., Sánchez Pérez E. A.
    Bulletin of the Brazilian Mathematical Society, cilt.55, sa.1, 2024 (SCI-Expanded)

II. **Extension procedures for lattice Lipschitz operators on Euclidean spaces**
    Arnau R., Calabuig J., ERDOĞAN E., Sánchez Pérez E. A.
    Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas, cilt.117, sa.2, 2023 (SCI-Expanded)

III. **CONVOLUTION-FACTORABLE MULTILINEAR OPERATORS**
    ERDOĞAN E.
    Revista de la Union Matematica Argentina, cilt.65, sa.1, ss.103-117, 2023 (SCI-Expanded)

IV. **Index spaces and standard indices in metric modelling***
    ERDOĞAN E., Ferrer-Sapena A., Jimenez-Fernandez E., Sanchez-Perez E. A.
    NONLINEAR ANALYSIS-MODELLING AND CONTROL, cilt.27, ss.803-822, 2022 (SCI-Expanded)

V. **Approximate Diagonal Integral Representations and Eigenmeasures for Lipschitz Operators on Banach Spaces**
    ERDOĞAN E., Sanchez Perez E. A.
    MATHEMATICS, cilt.10, sa.2, 2022 (SCI-Expanded)

VI. **Factorization of multilinear operators defined on products of function spaces**
    ERDOĞAN E.
    LINEAR & MULTILINEAR ALGEBRA, cilt.70, sa.2, ss.177-202, 2022 (SCI-Expanded)

VII. **Eigenmeasures and stochastic diagonalization of bilinear maps**
    ERDOĞAN E., Sanchez Perez E. A.
    MATHEMATICAL METHODS IN THE APPLIED SCIENCES, cilt.44, sa.6, ss.5021-5039, 2021 (SCI-Expanded)

VIII. **Self-defined information indices: application to the case of university rankings**
    Ferrer-Sapena A., Erdogan E., Jimenez-Fernandez E., Sanchez-Perez E. A., Peset F.
    SCIENTOMETRICS, cilt.124, sa.3, ss.2443-2456, 2020 (SCI-Expanded)

IX. **Integral representation of product factorable bilinear operators and summability of bilinear maps on C(K)-spaces**
    ERDOĞAN E., Sánchez Pérez E.
    JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, cilt.483, sa.2, 2020 (SCI-Expanded)

X. **Product factorability of integral bilinear operators on Banach function spaces**
    ERDOĞAN E., Sánchez Pérez E., GÖK Ö.
    Positivity, cilt.23, sa.3, ss.671-696, 2019 (SCI-Expanded)

XI. **Convolution factorability of bilinear maps and integral representations**
    ERDOĞAN E., GÖK Ö.
    INDAGATIONES MATHEMATICAE-NEW SERIES, cilt.29, sa.5, ss.1334-1349, 2018 (SCI-Expanded)

XII. **Convolution-continuous bilinear operators acting on Hilbert spaces of integrable functions**
    ERDOĞAN E., Calabuig J. M., Sánchez Perez E. A.
    ANNALS OF FUNCTIONAL ANALYSIS, cilt.9, ss.166-179, 2018 (SCI-Expanded)

XIII. **Operator ideal of s-type operators using weighted mean sequence space**
    ERDOĞAN E., KARAKAYA V.
    CARPATHIAN JOURNAL OF MATHEMATICS, cilt.33, sa.3, ss.311-318, 2017 (SCI-Expanded)

XIV. **Notes on the spectral properties of the weighted mean difference operator G (u, v; δ) over the sequence space ℓ1**
KARAKAYA V., ERDOĞAN E.
Acta Mathematica Scientia, cilt.36, sa.2, ss.477-486, 2016 (SCI-Expanded)

XV. **NOTES ON THE SPECTRAL PROPERTIES OF THE WEIGHTED MEAN DIFFERENCE OPERATOR G (u, v; Delta) OVER THE SEQUENCE SPACE l(1)**
KARAKAYA V., ERDOĞAN E.
ACTA MATHEMATICA SCIENTIA, cilt.36, sa.2, ss.477-486, 2016 (SCI-Expanded)

XVI. **ON SPECTRAL PROPERTIES OF A NEW OPERATOR OVER SEQUENCE SPACES c AND c(0)**
ERDOĞAN E., KARAKAYA V.
ACTA MATHEMATICA SCIENTIA, cilt.34, sa.5, ss.1481-1494, 2014 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **Product Factorable Multilinear Operators defined on Sequence Spaces**
ERDOĞAN E.
Communications Faculty of Sciences University of Ankara SeriesSeries A1: Mathematics and Statistics, cilt.69, sa.2, ss.152-166, 2020 (Hakemli Dergi)

II. **ZERO PRODUCT PRESERVING BILINEAR OPERATORS ACTING IN SEQUENCE SPACES**
Erdogan E.
CARPATHIAN MATHEMATICAL PUBLICATIONS, cilt.12, sa.1, ss.55-68, 2020 (ESCI)

III. **Some Results on the Generalized Mellin Transforms and Applications**
ERDOĞAN E., Kocabaş S., DERNEK A. N.
Konuralp Journal of Mathematics, cilt.7, ss.175-181, 2019 (Hakemli Dergi)

IV. **IDENTITIES ON THE epsilon(4n,1)-INTEGRAL TRANSFORM**
Dernek N., Mansimli G., Erdogan E.
JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, cilt.8, sa.5, ss.75-85, 2017 (ESCI)

V. **IDENTITIES ON THE E4n 1-INTEGRAL TRANSFORM**
DERNEK A. N., MANSIMLI G., ERDOĞAN E.
Journal of Inequalities and Special Functions, cilt.8, ss.75-85, 2017 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **ON INEQUALITIES OF SOME INTEGRAL TRANSFORMS**
ALBAYRAK D., ERDOĞAN E., KARATAŞ H. B., UÇAR F.
10th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2021), 25 Ağustos 2021

II. **On Factorization of Multilinear Maps defined on Sequence Spaces by Zero Product Preservation**
ERDOĞAN E.
9th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2020), Üsküp, Makedonya, 25 - 28 Ağustos 2020

III. **Product factorability of zero product preserving multilinear maps**
ERDOĞAN E.
Infinite Dimensional Analysis and Topology IDAT2019, Ivano-Frankivsk, Ukrayna, 16 - 20 Ekim 2019

IV. **Factoring Bilinear Maps through Convolutio**
ERDOĞAN E., Sánchez Perez E. A., GÖK Ö.
VI. Kadın Matematikçiler Derneği Çalıştayı, Konya, Türkiye, 26 - 28 Nisan 2019

V. **Product Factorability of Bilinear Maps on Banach Function Spaces**
ERDOĞAN E., Sánchez Perez E. A.

Function Spaces XII, Krakov, Polonya, 9 - 13 Temmuz 2018

VI. **A Factorization of Zero Product Preserving Bilinear Maps**
ERDOĞAN E., Sánchez Perez E. A., GÖK Ö.
The 27th International Conference in Operator Theory, Temaşver, Romanya, 2 - 06 Temmuz 2018

VII. **Convolution factorability of zero product preserving bilinear maps**
ERDOĞAN E.
e Workshop on Infinite Dimensional Analysis on the occasion of the 60th birthday ofDomingo García, Valensiya, İspanya, 1 - 03 Şubat 2018

VIII. **s-sayıları ve multilineer operatörler**
ERDOĞAN E.
3. Marmara Matematik Günleri, İstanbul, Türkiye, 28 - 29 Eylül 2017

IX. **Convolution-continuous bilinear operators acting on Hilbert spaces of integrable functions**
ERDOĞAN E., Calabuig J. M., Sánchez Perez E. A.
Banach Spaces and Operator Theory with Applications, Poznan, Polonya, 03 Temmuz 2017 - 07 Ocak 2018, ss.36

X. **Some Results on the Generalized Mellin Transforms and Applications**
Kocabaş S., ERDOĞAN E., DERNEK A. N.
International Conference on Analysis and its Applications, Kırşehir, Türkiye, 12 - 15 Temmuz 2016

XI. **Operator Ideal of S Type Operators Using Weighted Mean Sequence Space**
ERDOĞAN E., KARAKAYA V.
International Conference on Analysis and its Applications, Kırşehir, Türkiye, 12 - 15 Temmuz 2016

XII. **On the Spectrum of the Product Operator W on the Sequence Space bv**
ERDOĞAN E., KARAKAYA V.
International Conferenceon Recent Advances in Pure and Applied Mathematics, (ICRAPAM 2014), Antalya, Türkiye, 6 - 09 Kasım 2014

XIII. **The Spectrum of a New Operator On a Certain Sequence Space**
ERDOĞAN E., KARAKAYA V.
Karatekin Mathematics Days (KMD-2014), Çankırı, Türkiye, 11 - 13 Haziran 2014

XIV. **Bazı Dizi Uzaylarındaki Spektral Analiz**
KARAKAYA V., ERDOĞAN E.
I. KADIN MATEMATIKÇILER DERNEĞİ ÇALIŞTAYI, Kocaeli, Türkiye, 2 - 04 Mayıs 2014

XV. **The Spectrum of Matrix Operators on a Difference Sequence Space of Weighted Means**
ERDOĞAN E., KARAKAYA V.
International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2012), Priştine, KOSOVA, 3 - 07 Eylül 2012

XVI. **The Fine Spectra of a New Operator W on Sequence Space c 0**
ERDOĞAN E., KARAKAYA V.
International Conference on Applied Analysis and Application (ICAAA-2012), İstanbul, Türkiye, 20 - 24 Haziran 2012

Metrikler

Yayın: 38
Atıf (WoS): 26
Atıf (Scopus): 24
H-İndeks (WoS): 3
H-İndeks (Scopus): 3

Akademi Dışı Deneyim

Universitad Politecnica de Valencia