Asst. Prof. SEDA ÖZTÜRK

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Karadeniz Technical University, -, Matematik, Turkey 2013 - 2017
Postgraduate, Karadeniz Technical University, -, Matematik, Turkey 2011 - 2013
Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Matematik , Turkey 2007 - 2011

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Karadeniz Teknik Üniversitesi Uzaktan Eğitim Uygulama ve Araştırma Merkezi: Yeni Normalde
Akademisyenler İçin Uzaktan Eğitimde Kişisel Verilerin ve Gizliliğin Korunması, Karadeniz Teknik Üniversitesi, 2021
Vocational Training, Araştırma Kalitesi ve Performans: InCites&Journal Citation Report, Web of Science Group, A
Clarivate Analytics Company , 2020
Vocational Training, Research Quality and Performance: InCites&Journal Citation Reports, Web of Science Group,A
Clarivate Analytics Company , 2020
Education Management and Planning, TÜBİTAK Fen ve Mühendislik Bilimlerinde Araştırma Projesi Hazırlama Eğitimi,
Karadeniz Technical University-TUBITAK, 2015

Dissertations

Doctorate, Kongrüans Alt Gruplarının Grafları, Karadeniz Technical University, Fen Fakültesi, Matematik, 2017
Postgraduate, Kompleks Hilbert Uzaylarında (R,+) Grubunun Periyodik Sürekli Üniter Gösterimlerine Göre Dik
İzdüşümler, Karadeniz Technical University, Fen Fakültesi, Matematik, 2013

Research Areas

General Topology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 2020 - Continues
Assistant Professor, University Of Eurasia, Faculty Of Economics And Administrative Sciences, Department Of Banking
And Finance, 2018 - 2020

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Karadeniz Technical University, Fen Fakültesi, Matematik, 2022 - Continues
Director of Vocational School, University Of Eurasia, Vocational School, 2018 - 2020

Courses

Mathematics I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
Mathematics II, Undergraduate, 2023 - 2024, 2022 - 2023
Genel Topoloji, Undergraduate, 2023 - 2024, 2021 - 2022
Matematik I, Undergraduate, 2024 - 2025
Calculus on Manifolds, Postgraduate, 2024 - 2025
Seminer I, Undergraduate, 2024 - 2025
Matematik I, Undergraduate, 2024 - 2025
Mathematics I, Undergraduate, 2023 - 2024, 2022 - 2023
Bitirme Çalışması, Undergraduate, 2022 - 2023, 2020 - 2021
Seminer II, Undergraduate, 2022 - 2023, 2021 - 2022
Mathematics II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
İLERİ TOPOLOJİ, Postgraduate, 2022 - 2023
Mathematics II, Undergraduate, 2021 - 2022, 2020 - 2021
Mathematics I, Undergraduate, 2022 - 2023
Matematik I, Undergraduate, 2021 - 2022
Genel Matematik, Undergraduate, 2021 - 2022
Matematik I, Undergraduate, 2021 - 2022, 2020 - 2021
Mathematics, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A Generalization of the Suborbital Graphs Generating Fibonacci Numbers for the Subgroup Gamma(3)**
    Öztürk S.
    FILOMAT, vol.34, no.2, pp.631-638, 2020 (SCI-Expanded)
II. **On Periodic Solutions To Nonlinear Differential Equations In Banach Spaces**
    Cavus A., Khadjiev D., Ozturk S.
    FILOMAT, vol.30, no.4, pp.1069-1076, 2016 (SCI-Expanded)
III. **On A Characterization of Compactness and the Abel-Poisson Summability of Fourier Coefficients In Banach Spaces**
    ÖZTÜRK S.
    FILOMAT, vol.30, no.4, pp.1061-1068, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **Fibonacci Numbers Sequence Derived From Suborbital Graphs for the Modular Group Γ**

Öztürk S.

Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.11, no.2, pp.308-315, 2024 (Peer-Reviewed Journal)

II. **Solutions of congruence equations via an imprimitive action of some modular subgroups**

Öztürk S., Kesicioğlu Y., Şengül H.

Advanced Studies: Euro-Tbilisi Mathematical Journal , vol.16, no.3, pp.139-143, 2023 (ESCI)

III. **More Fibonacci Numbers Arising from the Suborbital Graphs for the Congruence Subgroup Gamma 0(n/h)**

Öztürk S.

AIP CONFERENCE PROCEEDINGS, vol.1863, pp.3000161-3000166, 2017 (Peer-Reviewed Journal)

IV. **Some compactness tests in Banach spaces by Cesaro means of Fourier coefficients**

Öztürk S.

AIP CONFERENCE PROCEEDINGS, vol.1676, pp.200691-200696, 2015 (Scopus)

V. **The orthogonal projections with respect to a periodic continuous unitary representation of the group ($\mathbb{R}$,+) on a complex Hilbert space**

Öztürk S.

AIP CONFERENCE PROCEEDINGS, vol.1611, no.1, pp.276-282, 2014 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **On parabolic class number of some homogeneous principal congruence subgroup of the modular group**

Öztürk S.

The 7th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas , Antalya, Turkey, 26 - 29 October 2024, pp.315

II. **Solutions of some special congruence equations by permutation groups**

Öztürk S.

The 7th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas, Antalya, Turkey, 26 - 29 October 2024, pp.314

III. **Solving Congruence Equations through Imprimitive Action**

Öztürk S.

7th International HYBRID Conference on Mathematical Advances and Applications, İstanbul, Turkey, 8 - 11 May 2024, pp.164

IV. **Solutions of Congruence Equations via An Imprimitive Action of Some Modular Subgroups**

Öztürk S., Kesicioğlu Y., Şengül H.

2nd INTERNATIONAL E-CONFERENCE ON MATHEMATICAL AND STATISTICAL SCIENCES: A SELCUK MEETING, Konya, Turkey, 5 - 07 June 2023, pp.181

V. **A Special Number Sequence Derived From Suborbital Graphs for the Modular Group Γ**

Öztürk S.

Mediterranean International Conference of Pure & Applied Mathematics and Related Areas 2022, Antalya, Turkey, 27 October 2022, pp.205

VI. **Graflar ve Fibonacci Dizisi**

Öztürk S.

Prof. Dr. Cemil YAPAR Anısına Ulusal Matematik ve İstatistik Sempozyumu, Ordu, Turkey, 10 - 11 December 2021, pp.43

VII. **Some Results On Suborbital Graphs**

Öztürk S.

The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Antalya, Turkey, 26 October 2018, pp.132-135

VIII. **A Generalization of the Suborbital Graphs Generating Fibonacci Numbers for the Subgroup Γ3**

Öztürk S.

The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Antalya, Turkey, 26 October 2018, pp.43

IX. **Some Number Theoretical Results Related To The Suborbital Graphs For The Congruence Subgroup Gamma0-(n/h))**
Öztürk S.
3rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference , Mersin, Turkey, 29 August 2016, pp.53

X. **On The Existence of Periodic Solutions To Some Non-Linear Differential Equations in Banach Spaces**
Çavuş A., Khadjıev D., Öztürk S.
International Conference on Advancement In Mathematical Sciences, Antalya, Turkey, 05 November 2015, pp.88

XI. **On Periodic Solutions to Nonlinear Differential Equations In Banach Spaces**
Çavuş A., Khadjıev D., Öztürk S.
The 28 Th International Conference Of Jangjeon Mathematical Society, Antalya, Turkey, 15 May 2015, pp.64

XII. **On A Characterization Of Compactness And The Abel-Poisson Summability Of Fourier Coefficients In Banach Spaces**
Öztürk S.
The 28th International Conference Of Jangjeon Mathematical Society, Antalya, Turkey, 15 May 2015, pp.65

XIII. **The Abel-Poisson Summability Of Fourier Series In A Banach Space With Respect To A Continuous Linear Representation**
Öztürk S.
International Congress in Honour of Professor Ravi P. Agarwal, Bursa, Turkey, 23 June 2014, pp.82

XIV. **On Periodic Solutions of Nonlinear Differential Equations in Banach Spaces**
Çavuş A., Khadjıev D., Öztürk S.
International Congress In Honour Of Professor Ravi P. Agarwal, Bursa, Turkey, 23 June 2014, pp.88

XV. **The Orthogonal Projections With Respect To a Periodic Continuous Unitary Representations Of (R, +) Group On Complex Hilbert Spaces**
Öztürk S.
Algerian-Turkish International days on Mathematics 2013, İstanbul, Turkey, 12 September 2013, pp.113-114

Metrics

Publication: 23

Scholarships

2211-A Genel Yurt İçi Doktora Burs Programı , TUBITAK, 2013 - 2017

Awards

Öztürk S., Young Scientist Excellence Award , The 28Th International Conference Of The Jangjeon Mathematical Society, May 2015
Öztürk S., Lisans Bölüm Birinciliği, Karadeniz Teknik Üniversitesi/ Fen Fakültesi/ Matematik Bölümü, June 2011