

Asst. Prof. SEDA ÖZTÜRK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAS-4414-2020

ScopusID: 51764206400

Yoksis Researcher ID: 292579

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 II, Undergraduate, 2023 - 2024, 2022 - 2023

Genel Topoloji, Undergraduate, 2023 - 2024, 2021 - 2022

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

Mathematics I, Undergraduate, 2022 - 2023

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. **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)
- II. **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)

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

Öztürk S.

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

IV. **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. **Solutions of Congruence Equations via An Imprimitve 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

II. **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

III. **Graflar ve Fibonacci Dizisi**

Öztürk S.

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

IV. **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

V. **A Generalization of the Suborbital Graphs Generating Fibonacci Numbers for the Subgroup Γ_3**

Öztürk S.

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

VI. **Some Number Theoretical Results Related To The Suborbital Graphs For The Congruence Subgroup $\Gamma_0(n/h)$**

Öztürk S.

3rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference , Mersin, Turkey, 29 August 2016, pp.53

VII. **On The Existence of Periodic Solutions To Some Non-Linear Differential Equations in Banach Spaces**

Çavuş A., Khadjiev D., Öztürk S.

International Conference on Advancement In Mathematical Sciences, Antalya, Turkey, 05 November 2015, pp.88

VIII. **On Periodic Solutions to Nonlinear Differential Equations In Banach Spaces**

Çavuş A., Khadjiev D., Öztürk S.

The 28 Th International Conference Of Jangjeon Mathematical Society, Antalya, Turkey, 15 May 2015, pp.64

IX. **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

X. **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

XI. On Periodic Solutions of Nonlinear Differential Equations in Banach Spaces

Çavuş A., Khadjiev D., Öztürk S.

International Congress In Honour Of Professor Ravi P. Agarwal, Bursa, Turkey, 23 June 2014, pp.88

Metrics

Publication: 18

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