

## Asst. Prof. SEDA ÖZTÜRK

### Personal Information

**Email:** seda.ozturk@ktu.edu.tr

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### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2013 - 2017

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2011 - 2013

Under Graduate, 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

Post Graduate, 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

Director of Vocational School, University Of Eurasia, Vocational School, 2018 - 2020

## Courses

Mathematics II, Under Graduate, 2019 - 2020, 2020 - 2021

Bitirme Çalışması, Under Graduate, 2020 - 2021

Mathematics II, Under Graduate, 2020 - 2021

Mathematics, Under Graduate, 2020 - 2021

Mathematics I, Under Graduate, 2020 - 2021

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **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 (Refereed Journals of Other Institutions)
- II. **Some compactness tests in Banach spaces by Cesaro means of Fourier coefficients**  
Öztürk S.  
AIP Conference Proceedings, vol.1676, pp.200691-200696, 2015 (Refereed Journals of Other Institutions)
- III. **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, 2015 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **A Generalization of the Suborbital Graphs Generating Fibonacci Numbers for the Subgroup  $\Gamma_3$**   
Öztürk S.  
The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Antalya, Turkey, 26

October 2018, pp.43

- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **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

## Scholarships

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

KYK Lisansüstü Bursu (Yüksek Lisans), Other Government Agencies, 2012 - 2013

KYK Lisans Bursu, Other Government Agencies, 2009 - 2011

## 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