

## Res. Asst. PhD KADER ŞİMŞİR ACAR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: IQS-3308-2023

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### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik (Dr), Turkey 2017 - 2023

Postgraduate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2015 - 2017

Undergraduate, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2010 - 2014

### Certificates, Courses and Trainings

Vocational Training, Pedagogik Formasyon Programı, Uludag University, 2014

### Dissertations

Postgraduate, Hardy operatörünün diferensiyel denklemlere uygulaması, Yildiz Technical University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2017

### Research Areas

Multivariate Complex Functions and Analytic Spaces, Sequences, Series, Summability, Functional Analysis, Fourier Analysis, General Mathematics, Functions of a Complex Variable, Operators, Measure and Integration, Abstract Harmonic Analysis

### Academic Titles / Tasks

Research Assistant PhD, Istanbul Commerce University, Fen Bilimleri Enstitüsü, Matematik, 2019 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. On basicity of exponential and trigonometric systems in grand Lebesgue spaces

Ismailov M. I., ZEREN Y., Acar K., Aliyarova I. F.

Hacettepe Journal of Mathematics and Statistics, vol.51, no.6, pp.1577-1587, 2022 (SCI-Expanded)

## Papers Published in Refereed Scientific Meetings

- I. **On the basis property of a weighted exponential system in grand Lebesgue spaces**  
ZEREN Y., Ismailov M., ŞİMŞİR ACAR K.  
5th International ONLINE Conference on Mathematical Advances and Application, İstanbul, Turkey, 11 May 2022, pp.200
- II. **On a solvability for some variable exponent eigenvalue problem**  
ZEREN Y., AKIN L., ŞİMŞİR ACAR K., KAZAR C.  
International Conference on Mathematical Advances and Applications, 11 May 2018
- III. **On some compactness result in weighted variable exponent Lebesgue space**  
ZEREN Y., AKIN L., ŞİMŞİR ACAR K.  
Modern Problems of Mathematics and Mechanics, 6 - 08 December 2017
- IV. **A Variable Exponent Hardy's Inequality for Some Nonlinear Equation and Its Application**  
ŞİMŞİR ACAR K., ZEREN Y., MAMEDOV F.  
International Conference on Mathematics and Engineering, İstanbul, 10 - 12 May 2017

## Supported Projects

Zeren Y., Şimşek N., Akın L., Şirin F., Karaçam C., Other International Funding Programs, TÜBİTAK-ANAS ULUSLARARASI İKİLİ İŞBİRLİĞİ PROJESİ (Proje No: 118F447), 2020 - 2022

## Activities in Scientific Journals

İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, Assistant Editor/Section Editor, 2020 - Continues