

Asst. Prof. FUNDA BABAARSLAN

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 178321

Education Information

Doctorate, Erciyes University, Fen Fakültesi, Matematik Bölümü, Turkey 2011 - 2016

Postgraduate, Erciyes University, Fen Fakültesi, Matematik Bölümü, Turkey 2009 - 2011

Undergraduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Fuzzy sayıların çift dizilerinin alphası ile, dereceden istatistiksel yakınsaklığı, Erciyes University, Fen Fakültesi, Matematik Bölümü, 2016

Postgraduate, Fuzzy sayı dizilerinin lacunary istatistiksel yakınsaklığı, Erciyes University, Fen Fakültesi, Matematik Bölümü, 2011

Research Areas

Sequences, Series, Summability, Functional Analysis, General Mathematics

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2017 - Continues

Lecturer, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2011 - 2017

Academic and Administrative Experience

Head of Department, Yozgat Bozok University, Fen-Edebiyat Fakültesi, Matematik, 2018 - Continues

Courses

BULANIK KÜME TEORİSİ II, Postgraduate, 2019 - 2020
BİTİRME TEZİ II, Undergraduate, 2019 - 2020, 2016 - 2017, 2011 - 2012
BULANIK KÜME TEORİSİ I, Postgraduate, 2019 - 2020, 2018 - 2019
UZMANLIK ALAN DERSİ-I, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
UZMANLIK ALAN DERSİ II, Postgraduate, 2019 - 2020, 2017 - 2018
OLASILIK VE İSTATİSTİK 2, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2011 - 2012
BİTİRME TEZİ I, Undergraduate, 2019 - 2020, 2011 - 2012
OLASILIK VE İSTATİSTİK 1, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2012 - 2013
ANALİZ IV, Undergraduate, 2019 - 2020, 2016 - 2017, 2015 - 2016
TEZ ÇALIŞMASI, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
ANALİZ III, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016
NORMLU UZAYLAR I, Undergraduate, 2018 - 2019, 2017 - 2018
İLERİ ANALİZ, Postgraduate, 2018 - 2019, 2017 - 2018
MATEMATİK I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
NORMLU UZAYLAR II, Undergraduate, 2017 - 2018
YÜKSEK MATEMATİK II, Undergraduate, 2017 - 2018, 2016 - 2017, 2012 - 2013
ANALİZ II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
DİZİ UZAYLARI VE MATRİS DÖNÜŞÜMLERİ II, Postgraduate, 2017 - 2018
BİTİRME TEZİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2012 - 2013
ANALİZ I, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
MATEMATİK II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2011 - 2012
İLERİ ANALİZ II, Postgraduate, 2017 - 2018
YÜKSEK MATEMATİK I, Undergraduate, 2017 - 2018, 2012 - 2013, 2011 - 2012
FONKSİYONEL ANALİZ II, Undergraduate, 2016 - 2017
MATEMATİK-1, Undergraduate, 2016 - 2017, 2015 - 2016
FONKSİYONEL ANALİZ 1, Undergraduate, 2016 - 2017
DİFERANSİYEL DENKLEMLER II, Undergraduate, 2015 - 2016, 2014 - 2015
DİFERANSİYEL DENKLEMLER I, Undergraduate, 2015 - 2016, 2013 - 2014
MATEMATİK, Undergraduate, 2014 - 2015, 2012 - 2013, 2011 - 2012
MATEMATİK-2, Undergraduate, 2012 - 2013
MÜHENDİSLİK İÇİN OLASILIK TEORİSİ, Undergraduate, 2012 - 2013, 2011 - 2012
MATEMATİK 1, Undergraduate, 2012 - 2013, 2011 - 2012
DİFERANSİYEL DENKLEMLER, Undergraduate, 2012 - 2013
LİNEER UZAYLAR I, Undergraduate, 2012 - 2013
DİFERANSİYEL DENKLEMLER, Undergraduate, 2011 - 2012
GENEL MATEMATİK 1, Undergraduate, 2011 - 2012
METRİK UZAY, Undergraduate, 2011 - 2012
GENEL MATEMATİK-2, Undergraduate, 2011 - 2012
MÜHENDİSLİK MATEMATİĞİ 1, Undergraduate, 2011 - 2012

Advising Theses

Babaarslan F., ÇİFT BULANIK SAYI DİZİLERİNİN KABA İSTATİSTİKSEL YAKINSAKLIĞI, Postgraduate, M.EMİN(Student), 2023

Babaarslan F., Fuzzy sayı dizilerinin kaba λ -istatistiksel yakınsaklığı, Postgraduate, O.DEVECİ(Student), 2023

Babaarslan F., Fuzzy sayı dizilerinin kaba lacunary istatistiksel yakınsaklığı, Postgraduate, B.Ülkü(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ROUGH CONVERGENCE OF DOUBLE SEQUENCES OF FUZZY NUMBERS**
BABAARSLAN F., TUNCER A. N.
JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, vol.10, no.4, pp.1335-1342, 2020 (SCI-Expanded)
- II. **lambda-Statistical limit points of order beta of sequences of fuzzy numbers**
TUNCER A. N., BABAARSLAN F.
POSITIVITY, vol.19, no.2, pp.385-394, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Rough Ideal Convergence of Double Sequences of Fuzzy Numbers**
Babaarslan F., Çayar M. E.
Bozok Journal of Science, vol.2, no.1, pp.30-37, 2024 (Peer-Reviewed Journal)
- II. **ON THE STATISTICAL CONVERGENCE OF NESTED SEQUENCES OF SETS**
Albayrak H., Babaarslan F., Ölmez Ö., Aytar S.
Problemy Analiza, vol.11, no.29, pp.3-14, 2022 (ESCI)
- III. **STATISTICAL CONVERGENCE OF ORDER ALPHATİLDE OF DOUBLE SEQUENCES OF FUZZY NUMBERS**
Tuncer A. N., Babaarslan F.
Journal of Advanced Mathematical Studies, vol.11, no.1, pp.132-141, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Rough λ -Statistical Cluster Points of Sequences of Fuzzy Numbers**
Babaarslan F., Deveci O.
ICOMAA 2024 7th International HYBRID Conference on Mathematical Advances and Applications, İstanbul, Turkey, 8 - 11 May 2024, pp.94
- II. **SEQUENTIALLY CONTINUITY IN IDEAL TOPOLOGICAL SPACES**
Akiz H. F., Babaarslan F.
V. INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS , Nevşehir, Turkey, 5 - 07 November 2023, pp.712-718
- III. **ROUGH STATISTICAL CONVERGENCE OF DOUBLE SEQUENCES OF FUZZY NUMBERS**
Babaarslan F., Çayar M. E.
V. INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Nevşehir, Turkey, 5 - 07 November 2023, pp.706-711
- IV. **Rough Statistical Cluster Points of Sequences of Fuzzy Numbers**
Babaarslan F.
Western Balkan Conference on Mathematics and Applications, Prishtine, Kosovo, 1 - 03 September 2022, pp.52-53
- V. **Rough Lacunary Statistical Convergence of Sequences of Fuzzy Numbers**
Babaarslan F.
First Western Balkan Conference on Mathematics and Applications, Prishtine, Kosovo, 10 - 12 June 2021, pp.143-153
- VI. **Çift Fuzzy sayı dizilerinin alphantildeninci dereceden lambda istatistiksel yakınsaklığı**
Babaarslan F., Tuncer A. N.
12. Ankara Matematik Günleri, Ankara, Turkey, 25 - 26 May 2017, pp.78

Supported Projects

AKIZ H. F., BABAARSLAN F., Project Supported by Higher Education Institutions, İdeal Topolojik Uzaylarda Dizisel Süreklilik, 2023 - 2024

Metrics

Publication: 11

Citation (WoS): 2

H-Index (WoS): 1