

# **Arş.Gör.Dr. ELİF GÜNER**

## **Kişisel Bilgiler**

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## **Uluslararası Araştırmacı ID'leri**

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Publons / Web Of Science ResearcherID: F-4955-2018

ScopusID: 57217995771

Yoksis Araştırmacı ID: 247215

## **Eğitim Bilgileri**

Doktora, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2018 - 2023

Yüksek Lisans, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YL), Türkiye 2015 - 2018

Lisans, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2010 - 2015

## **Yabancı Diller**

İngilizce, B2 Orta Üstü

## **Araştırma Alanları**

Matematik, Genel Topoloji

## **Akademik Unvanlar / Görevler**

Araştırma Görevlisi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, 2016 - Devam Ediyor

## **Verdiği Dersler**

Matematik I, Lisans, 2023 - 2024

Öğretmenlik Uygulaması, Lisans, 2023 - 2024

Mesleki İngilizce III, Lisans, 2023 - 2024

Mühendislik Matematiği, Lisans, 2023 - 2024

Matematik I, Lisans, 2023 - 2024

Matematik I, Lisans, 2023 - 2024

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

### **I. Complex spherical fuzzy TOPSIS based on entropy**

AYDOĞDU E., GÜNER E., Aldemir B., AYGÜN H.

- Expert Systems with Applications, cilt.215, 2023 (SCI-Expanded)
- II. A Novel Entropy Measure with its Application to the COPRAS Method in Complex Spherical Fuzzy Environment**  
 Aydoğdu E., Aldemir B., Güner E., Aygün H.  
 INFORMATICA, cilt.0, sa.0, ss.1-33, 2023 (SCI-Expanded)
- III. Fuzzy Partial Metric Spaces and Fixed Point Theorems**  
 AYGÜN H., GÜNER E., Minana J., Valero O.  
 MATHEMATICS, cilt.10, sa.17, 2022 (SCI-Expanded)
- IV. Spherical fuzzy soft sets: Theory and aggregation operator with its applications**  
 GÜNER E., AYGÜN H.  
 IRANIAN JOURNAL OF FUZZY SYSTEMS, cilt.19, sa.2, ss.83-97, 2022 (SCI-Expanded)
- V. A new approach to fuzzy partial metric spaces**  
 GÜNER E., AYGÜN H.  
 Hacettepe Journal of Mathematics and Statistics, cilt.51, sa.6, ss.1563-1576, 2022 (SCI-Expanded)
- VI. A fixed point principle in ordered metric spaces and applications to rational type contractions**  
 Eroğlu I., GÜNER E., AYGÜN H., Valero O.  
 AIMS Mathematics, cilt.7, sa.7, ss.13573-13594, 2022 (SCI-Expanded)
- VII. On 2S-metric spaces**  
 ÇETKİN V., GÜNER E., AYGÜN H.  
 SOFT COMPUTING, cilt.24, sa.17, ss.12731-12742, 2020 (SCI-Expanded)

## Diger Dergilerde Yayınlanan Makaleler

- I. Aggregation of Fuzzy Metric Spaces: A Fixed Point Theorem**  
 GÜNER E., AYGÜN H.  
 WSEAS TRANSACTIONS ON MATHEMATICS, cilt.23, 2024 (Scopus)
- II. A comparative study on the generalized spherical fuzzy Einstein aggregation operators**  
 Güner E., Aygün H.  
 GAZI UNIVERSITY JOURNAL OF SCIENCE, cilt.37, sa.1, ss.393-413, 2024 (ESCI)
- III. Linear Diophantine Fuzzy Sets: Image Edge Detection Techniques based on Similarity Measures**  
 ALDEMİR B., GÜNER E., AYGÜN H.  
 WSEAS TRANSACTIONS ON SIGNAL PROCESSING, cilt.19, 2023 (Hakemli Dergi)
- IV. On Partial Fuzzy Metric-Preserving Functions**  
 GÜNER E., AYGÜN H.  
 International Journal of Nonlinear Analysis and Applications, 2023 (Hakemli Dergi)
- V. ON SOME TRIANGULAR INEQUALITIES AND APPLICATIONS IN 2-FUZZY METRIC SPACES**  
 GÜNER E., AYGÜN H.  
 Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, cilt.13, sa.2, ss.480-490, 2023 (ESCI)
- VI. On b\_2-Metric Spaces**  
 GÜNER E., AYGÜN H.  
 Konuralp Journal of Mathematics, cilt.9, sa.1, ss.33-39, 2021 (Hakemli Dergi)
- VII. Some Fixed Point Theorems in Partial Fuzzy Metric Spaces**  
 ALDEMİR B., GÜNER E., AYDOĞDU E., AYGÜN H.  
 Journal of the Institute of Science and Technology, cilt.10, sa.4, ss.2889-2900, 2020 (Hakemli Dergi)
- VIII. FIXED POINT RESULTS FOR (A)over-tilde-CONTRACTIONS IN SOFT METRIC SPACES**  
 GÜNER E., ÇETKİN V., AYGÜN H.  
 SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, cilt.36, sa.2, ss.315-323, 2018 (ESCI)
- IX. SOFT FIXED POINT THEOREMS IN TERMS OF SOFT ALTERING DISTANCE FUNCTION**

GÜNER E., ÇETKİN V., AYGÜN H.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ,  
cilt.9, sa.3, ss.285-293, 2018 (ESCI)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

### I. On strong fuzzy partial metric spaces

GÜNER E., AYGÜN H.

IV International Conference on Mathematics and its Applications in Science and Engineering (ICMASE 2023),  
İspanya, 12 - 14 Temmuz 2023

### II. An application of linear Diophantine fuzzy sets to the edge detection techniques

ALDEMİR B., GÜNER E., AYGÜN H.

IV International Conference on Mathematics and its Applications in Science and Engineering (ICMASE 2023),  
İspanya, 12 - 14 Temmuz 2023

### III. Generalized spherical fuzzy topological spaces with their applications to the multi-criteria decision-making problems

GÜNER E., AYGÜN H.

6th International Conference on Mathematics "An Istanbul Meeting for World Mathematicians", İstanbul, Türkiye,  
21 Haziran 2022

### IV. An extension of TOPSIS method to the generalized spherical fuzzy environment

GÜNER E., AYGÜN H.

6th International Conference on Mathematics "An Istanbul Meeting for World Mathematicians", İstanbul, Türkiye,  
21 Haziran 2022

### V. Generalized Spherical Fuzzy Hamacher Aggregation Operators

GÜNER E., AYGÜN H.

1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences  
(ISCDFAMS -2022), Erzurum, Türkiye, 23 Mayıs 2022

### VI. Spherical Fuzzy Sets: AHP-COPRAS Method based on Hamacher Aggregation Operator

GÜNER E., ALDEMİR B., AYDOĞDU E., AYGÜN H.

Studies on Scientific Developments in Geometry, Algebra, and Applied Mathematics, Türkiye, 01 Şubat 2022

### VII. COPRAS Method Based on Entropy Measure under Complex Spherical Fuzzy Information

AYDOĞDU E., ALDEMİR B., GÜNER E., AYGÜN H.

Studies on Scientific Developments in Geometry, Algebra, and Applied Mathematics, Türkiye, 01 Şubat 2022

### VIII. Complex Spherical Fuzzy Topsis Method with Dombi Aggregation Operators

ALDEMİR B., GÜNER E., AYDOĞDU E., AYGÜN H.

1st INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES, Türkiye,  
10 - 12 Eylül 2021

### IX. Generalized spherical fuzzy Einstein aggregation operators: Application to multi-criteria group decision-making problems

GÜNER E., AYGÜN H.

9th INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, 25 - 28  
Ağustos 2020

### X. FIXED POINT THEOREMS ON PARTIAL FUZZY METRIC SPACES

ALDEMİR B., GÜNER E., AYDOĞDU E., AYGÜN H.

4th INTERNATIONAL MARMARA SCIENCES CONGRESS, 19 - 20 Haziran 2020

### XI. Some Properties of Partial Fuzzy Metric Topology

AYDOĞDU E., ALDEMİR B., GÜNER E., AYGÜN H.

Advances in Intelligent Systems and Computing, 21 - 23 Temmuz 2020, cilt.1197, ss.1267

### XII. On 2-Fuzzy Metric Spaces

GÜNER E., AYGÜN H.

Advances in Intelligent Systems and Computing, 21 - 23 Temmuz 2020

XIII. **Güçlü b2-Metrik Uzaylar**

GÜNER E., AYGÜN H.

14. Ankara Matematik Günleri Sempozyumu, Türkiye, 28 - 29 Haziran 2019

XIV. **2-metrik Uzaylarda Meir-Keeler Tipindeki Daralma Dönüşümleri**

GÜNER E., ÇETKİN V., AYGÜN H.

International Marmara Science and Social Sciences Congress, 23 - 25 Kasım 2018

XV. **On intuitionistic fuzzy 2-metric spaces**

GÜNER E., ÇETKİN V., AYGÜN H.

3rd International Conference on ComputationalMathematics and Engineering Sciences, 4 - 06 Mayıs 2018

XVI. **Intuitionistic Fuzzy 2-Metric Spaces: Fixed Point Theorems**

ÇETKİN V., GÜNER E., AYGÜN H.

2018 International Conference on Topology and Its Applications, Nafpaktos, Yunanistan, 7 - 11 Temmuz 2018

XVII. **2-Metric Spaces in the Soft Universe**

GÜNER E., ÇETKİN V., AYGÜN H.

2018 International Conference on Topology and Its Applications, Nafpaktos, Yunanistan, 7 - 11 Temmuz 2018

XVIII. **ON FUZZY 2-METRIC SPACES**

ÇETKİN V., GÜNER E., AYGÜN H.

3rd International Conference on ComputationalMathematics and Engineering Sciences, 4 - 06 Mayıs 2018

XIX. **Soft fixed point theorems in terms of soft altering distance function**

GÜNER E., ÇETKİN V., AYGÜN H.

International Confernce on Applied Analysis and Mathematical Modeling, 3 - 07 Temmuz 2017

XX. **On some fixed point theorems in soft metric spaces**

ÇETKİN V., GÜNER E., AYGÜN H.

International Conference on Mathematics and Engineering, 10 - 12 Mayıs 2017

## Akademik Dolaşım Faaliyetleri

Erasmus Programı, Staj, Universitat de les Illes Balears, İspanya, 2021 - 2021

## Metrikler

Yayın: 38

Atıf (WoS): 44

Atıf (Scopus): 54

H-İndeks (WoS): 3

H-İndeks (Scopus): 3

## Burslar

TUBITAK 2214A Yurt Dışı Doktora Sırası Araştırma Burs Programı, TÜBİTAK, 2022 - 2022

TUBITAK 2211 Yurt İçi Doktora Burs Programları, TÜBİTAK, 2018 - 2021