

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2023

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Matematik (YI), Turkey 2015 - 2018

Undergraduate, Kocaeli University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2010 - 2015

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mathematics, General Topology

Academic Titles / Tasks

Research Assistant, Kocaeli University, Fen Bilimleri Enstitüsü, 2016 - Continues

Courses

Matematik I, Undergraduate, 2023 - 2024

Öğretmenlik Uygulaması, Undergraduate, 2023 - 2024

Mesleki İngilizce III, Undergraduate, 2023 - 2024

Mühendislik Matematik, Undergraduate, 2023 - 2024

Matematik I, Undergraduate, 2023 - 2024

Matematik I, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Information Measures on Linear Diophantine Fuzzy Soft Sets with Their Applications to the Medical Diagnosis**

- Aldemir B., Aydoğdu E., Güner E., Aygün H.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.0, no.0, pp.1-33, 2024 (SCI-Expanded)
- II. **Complex spherical fuzzy TOPSIS based on entropy**
AYDOĞDU E., GÜNER E., Aldemir B., AYGÜN H.
Expert Systems with Applications, vol.215, 2023 (SCI-Expanded)
- III. **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, vol.0, no.0, pp.1-33, 2023 (SCI-Expanded)
- IV. **Fuzzy Partial Metric Spaces and Fixed Point Theorems**
AYGÜN H., GÜNER E., Minana J., Valero O.
MATHEMATICS, vol.10, no.17, 2022 (SCI-Expanded)
- V. **Spherical fuzzy soft sets: Theory and aggregation operator with its applications**
GÜNER E., AYGÜN H.
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.19, no.2, pp.83-97, 2022 (SCI-Expanded)
- VI. **A new approach to fuzzy partial metric spaces**
GÜNER E., AYGÜN H.
Haceteppe Journal of Mathematics and Statistics, vol.51, no.6, pp.1563-1576, 2022 (SCI-Expanded)
- VII. **A fixed point principle in ordered metric spaces and applications to rational type contractions**
Eroğlu I., GÜNER E., AYGÜN H., Valero O.
AIMS Mathematics, vol.7, no.7, pp.13573-13594, 2022 (SCI-Expanded)
- VIII. **On 2S-metric spaces**
ÇETKİN V., GÜNER E., AYGÜN H.
SOFT COMPUTING, vol.24, no.17, pp.12731-12742, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Aggregation of Fuzzy Metric Spaces: A Fixed Point Theorem**
GÜNER E., AYGÜN H.
WSEAS TRANSACTIONS ON MATHEMATICS, vol.23, 2024 (Scopus)
- II. **A comparative study on the generalized spherical fuzzy Einstein aggregation operators**
Güner E., Aygün H.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.37, no.1, pp.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, vol.19, 2023 (Peer-Reviewed Journal)
- IV. **On Partial Fuzzy Metric-Preserving Functions**
GÜNER E., AYGÜN H.
International Journal of Nonlinear Analysis and Applications, 2023 (Peer-Reviewed Journal)
- 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, vol.13, no.2, pp.480-490, 2023 (ESCI)
- VI. **On b_2 -Metric Spaces**
GÜNER E., AYGÜN H.
Konuralp Journal of Mathematics, vol.9, no.1, pp.33-39, 2021 (Peer-Reviewed Journal)
- 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, vol.10, no.4, pp.2889-2900, 2020 (Peer-Reviewed Journal)
- 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 BILIMLERI DERGISI,
vol.36, no.2, pp.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 BILIMLERI DERGISI,
vol.9, no.3, pp.285-293, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. New advances in the study of fixed point results on fuzzy partial metric spaces

GÜNER E.

Iberoamerican and Pan Pacific International Conference on Topology and its Applications, United States Of
America, 11 - 14 September 2023

II. On strong fuzzy partial metric spaces

GÜNER E., AYGÜN H.

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

III. 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), Spain,
12 - 14 July 2023

IV. 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, Turkey,
21 June 2022

V. 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, Turkey,
21 June 2022

VI. 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, Turkey, 23 May 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, Turkey, 01 February 2022

VIII. 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, Turkey, 01 February 2022

IX. 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, Turkey, 10
- 12 September 2021

X. 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 August
2020

- XI. **FIXED POINT THEOREMS ON PARTIAL FUZZY METRIC SPACES**
ALDEMİR B., GÜNER E., AYDOĞDU E., AYGÜN H.
4th INTERNATIONAL MARMARA SCIENCES CONGRESS, 19 - 20 June 2020
- XII. **Some Properties of Partial Fuzzy Metric Topology**
AYDOĞDU E., ALDEMİR B., GÜNER E., AYGÜN H.
Advances in Intelligent Systems and Computing, 21 - 23 July 2020, vol.1197, pp.1267
- XIII. **On 2-Fuzzy Metric Spaces**
GÜNER E., AYGÜN H.
Advances in Intelligent Systems and Computing, 21 - 23 July 2020
- XIV. **Güçlü b2-Metrik Uzaylar**
GÜNER E., AYGÜN H.
14. Ankara Matematik Günleri Sempozyumu, Turkey, 28 - 29 June 2019
- XV. **2-metrik Uzaylarda Meir-Keeler Tipindeki Daralma Dönüşümleri**
GÜNER E., ÇETKİN V., AYGÜN H.
International Marmara Science and Social Sciences Congress, 23 - 25 November 2018
- XVI. **On intuitionistic fuzzy 2-metric spaces**
GÜNER E., ÇETKİN V., AYGÜN H.
3rd International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- XVII. **Intuitionistic Fuzzy 2-Metric Spaces: Fixed Point Theorems**
ÇETKİN V., GÜNER E., AYGÜN H.
2018 International Conference on Topology and Its Applications, Nafpaktos, Greece, 7 - 11 July 2018
- XVIII. **2-Metric Spaces in the Soft Universe**
GÜNER E., ÇETKİN V., AYGÜN H.
2018 International Conference on Topology and Its Applications, Nafpaktos, Greece, 7 - 11 July 2018
- XIX. **ON FUZZY 2-METRIC SPACES**
ÇETKİN V., GÜNER E., AYGÜN H.
3rd International Conference on Computational Mathematics and Engineering Sciences, 4 - 06 May 2018
- XX. **Soft fixed point theorems in terms of soft altering distance function**
GÜNER E., ÇETKİN V., AYGÜN H.
International Conference on Applied Analysis and Mathematical Modeling, 3 - 07 July 2017
- XXI. **On some fixed point theorems in soft metric spaces**
ÇETKİN V., GÜNER E., AYGÜN H.
International Conference on Mathematics and Engineering, 10 - 12 May 2017

Mobility Activity

Erasmus Programme, Internship, Universitat de les Illes Balears, Spain, 2021 - 2021

Metrics

Publication: 39

Citation (WoS): 45

Citation (Scopus): 55

H-Index (WoS): 3

H-Index (Scopus): 3

Scholarships

TUBITAK 2214A International Research Fellowship Programme for PhD Students, TUBITAK, 2022 - 2022

TUBITAK 2211 PhD Scholarship Programs, TUBITAK, 2018 - 2021