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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Turkey 2012 - 2019
Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey 2010 - 2012
Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, BULANIK ESNEK METRİKLER TARAFINDAN ÜRETİLEN TOPOLOJİK YAPILAR, Kocaeli University, Fen Bilimleri Enstitüsü, 2019
Postgraduate, Üzerine olmayan asimptotik genişlemeyen üç dönüşüm için yeni bir yaklaşım metodu, Atatürk Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012

Research Areas

Mathematics, General Topology, Natural Sciences

Academic Titles / Tasks

Research Assistant, Kocaeli University, Matematik Bölümü, 2012 - Continues

Courses

LİNEER CEBİR, Undergraduate, 2019 - 2020
GENEL MATEMATİK, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Complex spherical fuzzy TOPSIS based on entropy**
AYDOĞDU E., GÜNER E., Aldemir B., AYGÜN H.
Expert Systems with Applications, vol.215, 2023 (SCI-Expanded)

II. **Construction of Fuzzy Topology by Using Fuzzy Metric**
AYGÜNOĞLU A., AYDOĞDU E., AYGÜN H.
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III. **Fuzzy Soft Metric and Fuzzifying Soft Topology Induced by Fuzzy Soft Metric**
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Articles Published in Other Journals

I. **The Space of Continuous Function Between Fuzzy Metric Spaces**
Aydoğdu E., Aygünoğlu A., Aygün H.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.5, pp.8-20, 2020 (Peer-Reviewed Journal)

II. **Some Fixed Point Theorems in Partial Fuzzy Metric Spaces**
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III. **FIXED POINTS OF MULTIVALUED NONEXPANSIVE MAPPINGS IN KOHLENBACH HYPERBOLIC SPACE**
GÜNDÜZ B., AYDOĞDU E., AYGÜN H.
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Refereed Congress / Symposium Publications in Proceedings

I. **Spherical Fuzzy Sets: AHP-COPRAS Method based on Hamacher Aggregation Operator**
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Studies on Scientific Developments in Geometry, Algebra, and Applied Mathematics, Turkey, 01 February 2022

II. **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

III. **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

IV. **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

V. **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

VI. **On the Construction of Fuzzy Topology induced by a Fuzzy Metric**
Aydoğdu E., Aygünoğlu A., Aygün H.
The Mediterranean International Conference of PureApplied Mathematics and Related Areas, Antalya, Turkey, 26 - 29 October 2018, pp.167-170

VII. **On Fuzzy Metric Space Of Continuous Function**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
International Conference on Recent Advances in Pure and Applied Mathematics, Trabzon, Turkey, 23 - 27 July

2018

VIII. **Fuzzy Topology Generated by Fuzzy Metric**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
2018 International Conference On Topology and its Applications, NAFPAKTOS, Greece, 7 - 11 June 2018

IX. **Convergence in Fuzzy Soft Metric Space**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
International Conference on Mathematics and Related Sciences, Antalya, Turkey, 30 April - 04 May 2018

X. **Some Properties of Fuzzy Soft Metric Spaces**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
International Conference on Mathematics and Related Sciences, Antalya, Turkey, 30 April - 04 May 2018, pp.132-133

XI. **Fuzzifying topology induced by fuzzy metric**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
5th International Fuzzy Systems Symposium, Ankara, Turkey, 14 - 15 October 2017

XII. **Soft Metric Spaces**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
"6th International Eurasian Conference on Mathematical Sciences and Applications, Budapest, Hungary, 15 - 18 August 2017

XIII. **Fuzzy Soft Metric And Fuzzifying Soft Topology Induced By Fuzzy Soft Metric**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
International Conference on Recent Advances in Pure and Applied Mathematics, Aydın, Turkey, 11 - 15 May 2017

XIV. **Soft Metric Spaces and Fixed Point Theorems on Soft Metric Spaces**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017

XV. **On Convergence and Continuity in Fuzzy Metric Spaces**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017

XVI. **On Lowen type fuzzy soft topological spaces**
AYGÜNOĞLU A., DİYARBAKIRLI E., AYGÜN H.
The 4th International Fuzzy Systems Symposium, 5 - 06 November 2015

XVII. **Soft Dönüşümlerde Sabit Nokta**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
27. Ulusal Matematik Sempozyumu, Turkey, 26 - 29 August 2014

XVIII. **STRONG AND WEAK CONVERGENCE THEOREMS OF NEW THREE STEP ITERATION PROCESSES FOR NONSELF ASYMPTOTICALLY NONEXPANSIVE MAPPINGS**
DİYARBAKIRLI E., ŞAHİN A., AKBULUT S.
XXIV. Ulusal Matematik Sempozyumu, Turkey, 7 - 10 September 2011

XIX. **Weak And Strong Convergence Of A Scheme With Errors For Two Nonself Asymptotically Quasi Nonexpansive Mappings**
ŞAHİN A., DİYARBAKIRLI E., AKBULUT S.
International Conference On Applied Analysis And Algebra, 29 June - 02 July 2011

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