

Prof. ABDÜLKADİR AYGÜNOĞLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-5586-2018

Yoksis Researcher ID: 155807

Education Information

Doctorate, Kocaeli University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2007 - 2011

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2005 - 2007

Undergraduate, Kocaeli University, Fen-Edebiyat Fakültesi, Matematik Bölümü, Turkey 2000 - 2005

Dissertations

Doctorate, Esnek topolojik uzay, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2011

Postgraduate, Aralık değerli sezgisel bulanık topolojik uzaylar, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2007

Research Areas

Mathematics, General Topology, Natural Sciences

Academic Titles / Tasks

Professor, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 2021 - Continues

Associate Professor, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 2014 - Continues

Assistant Professor, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 2012 - 2013

Research Assistant, Kocaeli University, Fen Edebiyat Fakültesi, Matematik, 2005 - 2011

Academic and Administrative Experience

Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü, 2012 - Continues

Courses

Matematik II, Undergraduate, 2022 - 2023

Seminer I, Undergraduate, 2023 - 2024

Seminer II, Undergraduate, 2022 - 2023

Diferansiyel Geometri I, Undergraduate, 2023 - 2024

Lineer Cebir, Undergraduate, 2022 - 2023

Matematik I, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Construction of Fuzzy Topology by Using Fuzzy Metric**
AYGÜNOĞLU A., AYDOĞDU E., AYGÜN H.
FILOMAT, vol.34, no.2, pp.433-441, 2020 (SCI-Expanded)
- II. **Fuzzy Soft Metric and Fuzzifying Soft Topology Induced by Fuzzy Soft Metric**
AYGÜNOĞLU A., AYDOĞDU E., AYGÜN H.
FILOMAT, vol.33, no.2, pp.645-653, 2019 (SCI-Expanded)
- III. **A topological view on application of L-fuzzy soft sets: Compactness**
ÇETKİN V., AYGÜNOĞLU A., AYGÜN H.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.32, no.1, pp.781-790, 2017 (SCI-Expanded)
- IV. **On Soft Fuzzy Closure and Interior Operators**
ÇETKİN V., AYGÜNOĞLU A., AYGÜN H.
UTILITAS MATHEMATICA, vol.99, pp.341-367, 2016 (SCI-Expanded)
- V. **A new approach in handling soft decision making problems**
ÇETKİN V., AYGÜNOĞLU A., AYGÜN H.
JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, vol.9, no.1, pp.231-239, 2016 (SCI-Expanded)
- VI. **CATS of soft topological spaces**
ÇETKİN V., AYGÜNOĞLU A., AYGÜN H.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.30, no.4, pp.1903-1913, 2016 (SCI-Expanded)
- VII. **An introduction to fuzzy soft topological spaces**
AYGÜNOĞLU A., ÇETKİN V., AYGÜN H.
Hacettepe Journal Of Mathematics And Statistics, vol.43, pp.197-208, 2014 (SCI-Expanded)
- VIII. **Neighborhood structures of fuzzy soft topological spaces**
Varol B. P., AYGÜNOĞLU A., AYGÜN H.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.27, no.4, pp.2127-2135, 2014 (SCI-Expanded)
- IX. **On embedding problem of fuzzy number valued continuous functions**
AYGÜNOĞLU A., ÇETKİN V., AYGÜN H.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.25, no.1, pp.243-246, 2013 (SCI-Expanded)
- X. **Interval valued intuitionistic fuzzy subgroups based on interval valued double t norm**
AYGÜNOĞLU A., PAZAR VAROL B., ÇETKİN V., AYGÜN H.
Neural Computing & Applications, vol.21, pp.207-214, 2012 (SCI-Expanded)
- XI. **Some notes on soft topological spaces**
AYGÜNOĞLU A., AYGÜN H.
NEURAL COMPUTING & APPLICATIONS, vol.21, 2012 (SCI-Expanded)
- XII. **Introduction to fuzzy soft groups**
AYGÜNOĞLU A., AYGÜN H.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.58, no.6, pp.1279-1286, 2009 (SCI-Expanded)

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. **On vague soft groups**

PAZAR VAROL B., AYGÜNOĞLU A., AYGÜN H.

Annals of Fuzzy Mathematics and Informatics, vol.7, pp.205-218, 2014 (Peer-Reviewed Journal)

III. **On Fuzzy Soft Rings**

PAZAR VAROL B., AYGÜNOĞLU A., AYGÜN H.

Journal of Hyperstructures, vol.1, pp.1-15, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On the Construction of Fuzzy Topology induced by a Fuzzy Metric**
Aydoğdu E., Aygünoğlu A., Aygün H.
The Mediterranean International Conference of Pure Applied Mathematics and Related Areas, Antalya, Turkey, 26 - 29 October 2018, pp.167-170
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **Fuzzifying topology induced by fuzzy metric**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
5th International Fuzzy Systems Symposium, Ankara, Turkey, 14 - 15 October 2017
- VII. **Soft Metric Spaces**
AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.
"6th International Eurasian Conference on Mathematical Sciences and Applications, Budapest, Hungary, 15 - 18 August 2017
- VIII. **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
- IX. **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
- X. **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
- XI. **Intuitionistic Fuzzy Soft Neighborhoods**
PAZAR VAROL B., AYGÜNOĞLU A., AYGÜN H.
3rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference, Mersin, Turkey, 29 August 2016, pp.38
- XII. **On Lowen type fuzzy soft topological spaces**
AYGÜNOĞLU A., DİYARBAKIRLI E., AYGÜN H.
The 4th International Fuzzy Systems Symposium, 5 - 06 November 2015
- XIII. **Soft Dönüşümlerde Sabit Nokta**

AYDOĞDU E., AYGÜNOĞLU A., AYGÜN H.

27. Ulusal Matematik Sempozyumu, Turkey, 26 - 29 August 2014

XIV. **SOFT DÖNÜŞÜMLERDE SABİT NOKTA**

DİYARBAKIRLI E., AYGÜNOĞLU A., AYGÜN H.

27.Ulusal Matematik Sempozyumu, Turkey, 26 - 29 August 2014

XV. **Aralık Değerli Sezgisel Bulanık Küme Üzerinde Topoloji**

AYGÜNOĞLU A., AYGÜN H., PAZAR VAROL B.

II. Türk Dünyası Matematik Sempozyumu, Sakarya, Turkey, 04 July 2007 - 07 October 2009

XVI. **On embedding problem of fuzzy number valued continuous functions**

ÇETKİN V., AYGÜNOĞLU A., AYGÜN H.

1st International Fuzzy Systems Symposium, FUZZYS'xx09, 1 - 02 October 2009

XVII. **Interval valued L fuzzy Topological Groups**

PAZAR B., ÇETKİN V., AYGÜNOĞLU A., AYGÜN H.

The 20th International Congress of Jangjeon Mathematical Society, 21 - 23 August 2008

Metrics

Publication: 32

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