

Asst. Prof. GÜLTEKİN SOYLU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAB-2134-2021

Yoksis Researcher ID: 128373

Education Information

Doctorate, Akdeniz University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 2001 - 2008

Postgraduate, Akdeniz University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 1999 - 2001

Undergraduate, Istanbul Technical University, İşletme Fakültesi, Endüstri Mühendisliği, Turkey 1990 - 1999

Foreign Languages

English, B2 Upper Intermediate

German, C1 Advanced

Dissertations

Doctorate, Bulanık Reel Eksen Üzerine, Akdeniz University, Institute of Science, Matematik Bölümü, 2008

Postgraduate, Bulanık Ölçümler Üzerine, Akdeniz University, Institute of Science, Matematik Bölümü, 2001

Research Areas

Mathematics, General Topology, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Akdeniz University, Faculty Of Science, Department Of Mathematics, 2018 - Continues

Assistant Professor, Akdeniz University, Faculty Of Science, Department Of Mathematics, 2009 - 2018

Research Assistant, Akdeniz University, Faculty Of Science, Department Of Mathematics, 1999 - 2009

Academic and Administrative Experience

Akdeniz University, Faculty of Science, 2011 - 2013

Courses

Sayısal Analiz 2, Undergraduate, 2019 - 2020, 2020 - 2021
Bitirme Çalışması 2, Undergraduate, 2019 - 2020, 2020 - 2021
Mathematics 2 İÖ, Undergraduate, 2020 - 2021
Mathematics 2, Undergraduate, 2019 - 2020, 2020 - 2021
Mathematics 1 İÖ, Undergraduate, 2020 - 2021
Bitirme Çalışması 1, Undergraduate, 2019 - 2020, 2020 - 2021
Calculus 2, Undergraduate, 2019 - 2020
Latis Teorisi 2, Postgraduate, 2019 - 2020
Sayısal Analiz 1, Undergraduate, 2019 - 2020, 2020 - 2021
Mathematics 1, Undergraduate, 2019 - 2020, 2020 - 2021
Calculus 1, Undergraduate, 2019 - 2020
Latis Teorisi 1, Postgraduate, 2019 - 2020
Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019
Sayısal Analiz II, Undergraduate, 2018 - 2019
Nümerik Analiz II, Postgraduate, 2018 - 2019
Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019
Bitirme Çalışması I, Undergraduate, 2014 - 2015, 2018 - 2019
Seminer II, Postgraduate, 2018 - 2019
Mathematics II, Undergraduate, 2018 - 2019
Mathematics I, Undergraduate, 2018 - 2019
Topolojiden Seçme Konular, Undergraduate, 2016 - 2017
Danışmanlık, Doctorate, 2016 - 2017
Bitirme Çalışması II, Undergraduate, 2016 - 2017
Topoloji II, Undergraduate, 2017 - 2018
Sayısal Analiz I, Undergraduate, 2015 - 2016, 2016 - 2017
Sayısal Analiz II, Undergraduate, 2016 - 2017
Fuzzy Kümeler Kuramı, Undergraduate, 2016 - 2017
Mathematics II, Undergraduate, 2016 - 2017
Bitirme Çalışması I, Undergraduate, 2015 - 2016, 2016 - 2017
Uzmanlık Alan Dersi, Doctorate, 2016 - 2017
Diferansiyel Denklemler, Undergraduate, 2016 - 2017
Topoloji I, Undergraduate, 2016 - 2017
Danışmanlık, Postgraduate, 2016 - 2017
Sayısal Analiz, Undergraduate, 2015 - 2016
Fuzzy Kümeler Kuramı, Undergraduate, 2015 - 2016
İleri Topoloji I, Postgraduate, 2015 - 2016
Topoloji II, Postgraduate, 2015 - 2016
Topoloji II, Undergraduate, 2015 - 2016
Metrik Uzaylar ve Topoloji, Undergraduate, 2016 - 2017
Bitirme Çalışması II, Undergraduate, 2013 - 2014, 2014 - 2015
Latis Teori II, Postgraduate, 2014 - 2015
Sayısal Analiz II, Undergraduate, 2014 - 2015
Metrik Uzaylar ve Topoloji, Undergraduate, 2014 - 2015
Topoloji II, Undergraduate, 2013 - 2014
Belirtisiz Kümeler II, Doctorate, 2013 - 2014
Topoloji II, Postgraduate, 2013 - 2014
Bitirme Çalışması II, Undergraduate, 2013 - 2014
Latis Teori I, Postgraduate, 2014 - 2015
Topoloji, Vektör Uzayları I, Postgraduate, 2014 - 2015

Advising Theses

- SOYLU G., Esnek Kümeler ve Topolojisi Üzerine, Doctorate, M.Çerçi(Student), 2018
SOYLU G., Aralık Aritmetiği Üzerine, Doctorate, E.Nori(Student), 2017
SOYLU G., Bulanık Aritmetik Üzerine, Postgraduate, S.Aydemir(Student), 2013
SOYLU G., Karmaşık interval aritmetik ve karmaşık fuzzy aritmetik üzerine, Postgraduate, S.İnci(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A note on a note to the finite T-sum of L-R fuzzy numbers and further considerations**
SOYLU G.
Fuzzy Sets and Systems, vol.443, pp.52-57, 2022 (Peer-Reviewed Journal)
- II. **Fuzzy arithmetic with product t-norm**
SOYLU G., ASLAN M.
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.18, no.6, pp.185-197, 2021 (Peer-Reviewed Journal)
- III. **Improved Arithmetic of Complex Fans**
SOYLU G.
ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE, vol.47, no.2, 2021 (Peer-Reviewed Journal)
- IV. **An effective method for division of rectangular intervals**
Mahmood E. M. N. , SOYLU G.
AIMS MATHEMATICS, vol.5, no.6, pp.6355-6372, 2020 (Peer-Reviewed Journal)
- V. **A New Approach to Fuzzy Metric Spaces and Their Similarity-Based Construction**
SOYLU G., GÜLOĞLU M.
JOURNAL OF FUNCTION SPACES, vol.2016, 2016 (Peer-Reviewed Journal)
- VI. **E-VAGUE POSITIVE CLASS**
Soylu G.
INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS, vol.17, no.1, pp.137-146, 2009 (Peer-Reviewed Journal)
- VII. **Similarity-based fuzzy limits**
Soylu G.
FUZZY SETS AND SYSTEMS, vol.159, no.24, pp.3380-3387, 2008 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **On Complex Interval Arithmetic Using Polar Form**
M.NORI MAHMOOD E. A. W. E. B. , SOYLU G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.35, no.1, pp.132-146, 2022 (Peer-Reviewed Journal)
- II. **Kuratowski Theorems in Soft Topology**
Soylu G., Çerçi M.
adıyaman üniversitesi fen bilimleri dergisi, vol.10, no.1, pp.273-284, 2020 (Peer-Reviewed Journal)
- III. **M-E Vague Absolute Value Functions**
SOYLU G.
Proceedings of the 16th International Conference of the JMS, vol.1, no.1, pp.167-175, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Farklı Esnek Nokta Yaklaşımları ve Sonuçları**

Soylu G., Çerçi M.

32. ULUSAL MATEMATİK SEMPOZYUMU, Samsun, Turkey, 31 August - 03 September 2019, pp.110

II. Some Extreme Cases in Sector Arithmetic

SOYLU G.

7th International Eurasian Conference on Mathematical Sciences and Applications, KİEV, Ukraine, 28 - 31 August 2018

III. Relations Between I-fuzzy subtopological spaces subconvergence spaces

GÜLOĞLU M., SOYLU G.

International Conference on Topology and Its Applications, Ankara, Turkey, 6 - 11 July 2009, pp.20

IV. Relations between I fuzzy subtopological spaces and subconvergence spaces

GÜLOĞLU M., SOYLU G.

International Conference on Topology and its Applications, Ankara, Turkey, 6 - 11 June 2009

V. Fuzzy Triangular Equality

SOYLU G.

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

Scientific Refereeing

Iranian Journal of Fuzzy Systems, SCI Journal, February 2009

Information Sciences, SCI Journal, January 2009

Information Sciences, SCI Journal, December 2008

Information Sciences, SCI Journal, July 2008

Metrics

Publication: 16

Citation (WoS): 3

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

7th International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Kyiv, Ukraine, 2018

Int Conf on Topology and its Applications, Attendee, Ankara, Turkey, 2011

20th Int Congress of JMS, Attendee, Bursa, Turkey, 2008

Artistic Activity

SOYLU G., 8. Geometri Sempozyumu (Düzenleme Kurulu Üyesi), April 2010