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Address: Hacettepe Üniversitesi Eğitim Fakültesi Matematik ve Fen Bilimleri Eğitimi Bölümü Matematik Eğitimi ABD

Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Matematik, Turkey 2001 - 2007

Postgraduate, Hacettepe University, Fen Fakültesi, Matematik, Turkey 1998 - 2001

Undergraduate, Hacettepe University, Eğitim Fakültesi, Turkey 1993 - 1998

Foreign Languages

German, C1 Advanced

English, B2 Upper Intermediate

Dissertations

Doctorate, Doku Uzaylarının Kompaktlaştırmaları, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2007

Postgraduate, Metriklenabilir Topolojik Uzaylar, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2001

Research Areas

Mathematics, Computer Science, General Topology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2015 - Continues

Assistant Professor, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2012 - 2015

Lecturer PhD, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2007 - 2012

Research Assistant, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 1998 - 2007

Courses

Analitik Geometri II, Undergraduate, 2017 - 2018

Soyut Matematik II, Undergraduate, 2017 - 2018

Analitik Geometri I, Undergraduate, 2017 - 2018
Soyut Matematik I, Undergraduate, 2017 - 2018
Diferensiyel Geometri, Undergraduate, 2017 - 2018
Analiz III, Undergraduate, 2017 - 2018
Analiz IV, Undergraduate, 2017 - 2018

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunma, Matematik, June, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fuzzy rough set models over two universes using textures**
DİKER M., Ugur A. A.
FUZZY SETS AND SYSTEMS, vol.442, pp.155-195, 2022 (Journal Indexed in SCI)
- II. **Generalized textural rough sets: Rough set models over two universes**
ALTAY UĞUR A., DİKER M.
INFORMATION SCIENCES, vol.521, pp.398-421, 2020 (Journal Indexed in SCI)
- III. **Textural formal context**
DİKER M., Ugur A., Bayhan S.
INTERNATIONAL JOURNAL OF APPROXIMATE REASONING, vol.114, pp.182-203, 2019 (Journal Indexed in SCI)
- IV. **Dicovering approximation spaces and definability**
DİKER M., Ugur A. A.
INTERNATIONAL JOURNAL OF APPROXIMATE REASONING, vol.101, pp.255-275, 2018 (Journal Indexed in SCI)
- V. **Textures and dynamic relational systems**
Ugur A.
INTERNATIONAL JOURNAL OF MACHINE LEARNING AND CYBERNETICS, vol.9, no.5, pp.881-891, 2018 (Journal Indexed in SCI)
- VI. **Textural unit operations in rough set theory**
DİKER M., UGUR A. A. , Bayhan S.
INFORMATION SCIENCES, vol.418, pp.153-168, 2017 (Journal Indexed in SCI)
- VII. **A note on dynamic relational systems**
Ugur A.
INFORMATION SCIENCES, vol.293, pp.327-337, 2015 (Journal Indexed in SCI)
- VIII. **Textures and covering based rough sets**
DİKER M., UGUR A. A.
INFORMATION SCIENCES, vol.184, no.1, pp.44-63, 2012 (Journal Indexed in SCI)
- IX. **USE OF COMPUTER ALGEBRA SYSTEMS IN MATHEMATICS TEACHING AT UNIVERSITY: A TEACHING EXPERIMENT**
DOST Ş., SAGLAM Y., UGUR A. A.
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, no.40, pp.140-151, 2011 (Journal Indexed in SSCI)
- X. **Interior and closure operators on texture spaces-II: Dikranjan-Giuli closure operators and Hutton algebras**
DİKER M., DOST Ş., UGUR A. A.
FUZZY SETS AND SYSTEMS, vol.161, no.7, pp.954-972, 2010 (Journal Indexed in SCI)
- XI. **Interior and closure operators on texture spaces-I: Basic concepts and Cech closure operators**
DİKER M., DOST Ş., UGUR A. A.
FUZZY SETS AND SYSTEMS, vol.161, no.7, pp.935-953, 2010 (Journal Indexed in SCI)

XII. STONE-CECH COMPACTIFICATIONS OF DITOPOLOGICAL TEXTURE SPACES

UGUR A. A. , DİKER M.

QUAESTIONES MATHEMATICAE, vol.32, no.1, pp.15-33, 2009 (Journal Indexed in SCI)

XIII. A Wallman-type compactification of texture spaces

ALTAY A., Diker M.

FUZZY SETS AND SYSTEMS, vol.157, no.20, pp.2683-2705, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

I. An Approach for the Stone Cech Type Compactifications of Plain Texture Spaces.

ALTAY UĞUR A., DİKER M.

International J. Contemp. Math. Sciences, vol.3, no.7, pp.331-337, 2008 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. Textural Formal Concepts

DİKER M., ALTAY UĞUR A., Bayhan S.

The 12th International Conference on Scalable Uncertainty Management (SUM 2018, Milan, Italy, 3 - 05 October 2018)

II. Discovering Approximation Spaces

ALTAY UĞUR A., DİKER M.

12. International Scalable and Uncertainty Management, 3 - 05 October 2018

III. Textural Neighborhoods and Definability

BAYHAN S., DİKER M., ALTAY UĞUR A.

I. International Turkish Word Engineering and Science Congress (ITWESC-2017), Antalya, Turkey, 7 - 10 December 2017, pp.287

IV. Textural Neighbourhoods and Definability

BAYHAN S., DİKER M., ALTAY UĞUR A.

1. International Turkish Word Engineering and Sciences Congress, Antalya, Turkey, 7 - 10 December 2017, pp.287

V. Textural Unit Operations in Rough Set Theory

DİKER M., ALTAY UĞUR A., BAYHAN S.

International joint conference on rough sets, 7 - 12 October 2016

VI. Textures and Fuzzy Unit Operations in Rough Set Theory

DİKER M., ALTAY UĞUR A., BAYHAN S.

International Joint Conference on Rough Sets, 7 - 12 October 2016

VII. Rough Sets and Textural Neighbourhoods

DİKER M., UGUR A. A. , Bayhan S.

10th International Conference on Rough Sets and Knowledge Technology (RSKT) held as part of the International Joint Conference on Rough Sets (IJCRS), Tianjin, China, 20 - 23 November 2015, vol.9436, pp.202-213

VIII. Bilgisayar Cebiri Sistemlerinin Matematik Öğretimi ve Öğrenimi ile Bütünleştirilmesine Yönelik Bir Çalışma

DOST Ş., SAĞLAM Y., ALTAY UĞUR A.

Uluslararası Öğretmen Yetiştirme Politikaları ve Sorunları Sempozyumu II, 16 - 18 May 2010

IX. A NOTE ON DITOPOLOGICAL TEXTURE SPACES

UGUR A. A. , DİKER M.

22nd Summer Conference on Topology and Its Applications, Castello, Spain, 24 - 27 July 2007, vol.33, pp.211-213

X. A Stone Cech type compactification of texture spaces

ALTAY UĞUR A., DİKER M.

22nd Summer Conference on Topology and Its Applications July 24-27, 2007 Universidad Jaume I, Castellon, Spain.,

24 - 27 July 2007

Supported Projects

ALTAY UĞUR A., Project Supported by Higher Education Institutions, 2016 Uluslararası Ortak Kaba Küme Konferansı, 2016 - 2018

ALTAY UĞUR A., Project Supported by Higher Education Institutions, Eğitimde Yeni Yaklaşımlar Üzerine Uluslararası Konferansı, 2016 - 2016

DİKER M., ALTAY UĞUR A., BAYHAN S., Project Supported by Higher Education Institutions, Kaba Kümeler ve Dokusal Komşuluklar, 2015 - 2016

ALTAY UĞUR A., Project Supported by Higher Education Institutions, Kaba Kümeler üzerine 2015 Uluslararası Ortak Konferansı, 2015 - 2016

Edit Congress and Symposium Activities

THE 12TH INTERNATIONAL CONFERENCE ON SCALABLE UNCERTAINTY MANAGEMENT – MILAN, ITALY, OCTOBER 3-5, 2018, Attendee, Milan, Italy, 2018

THE 12TH INTERNATIONAL CONFERENCE ON SCALABLE UNCERTAINTY MANAGEMENT – MILAN, ITALY, OCTOBER 3-5, 2018, Attendee, Milan, Italy, 2018

Citations

Total Citations (WOS):83

h-index (WOS):4

Awards

ALTAY UĞUR A., Best Paper Award, International Rough Set Society, November 2015