

Assoc. Prof. MÜCAHİDE NESİBE KESİCİOĞLU

Personal Information

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Address: Recep tayyip erdogan universitesi fen edebiyat fakültesi matematik bölümü

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2006 - 2012

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2003 - 2006

Under Graduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Matematik, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, T-normlardan Elde Edilen T-kismen sıra, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2012

Post Graduate, Involatif *-antiotomorfizm invaryantlı Von-Neumann eş sabiti, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2006

Research Areas

Mathematics, General Algebraic Systems, Natural Sciences

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2016 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2016

Research Assistant PhD, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2012 - 2012

Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2008 - 2012

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2005 - 2008

Courses

Fuzzy Gerektirmeleri, Post Graduate, 2019 - 2020, 2020 - 2021

Fuzzy Gerektirmeleri Üretme Yöntemleri, Doctorate, 2020 - 2021

Sayılar Teorisi, Under Graduate, 2020 - 2021

Yarı Grup Teorisi, Doctorate, 2020 - 2021

Lineer Cebir-II, Under Graduate, 2019 - 2020

Modül Teorisi, Under Graduate, 2019 - 2020
Değişmeli Halkalar ve Modüller, Doctorate, 2019 - 2020
Elemantar Sayı Kuramı, Under Graduate, 2020 - 2021
Kafes Teorisi, Post Graduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
Üçgensel Normlar, Post Graduate, 2018 - 2019, 2020 - 2021
Mühendislik Matematiği-II, Under Graduate, 2018 - 2019
Lineer Cebir-I, Under Graduate, 2019 - 2020
Kafes Teorisine Giriş, Under Graduate, 2019 - 2020
Soyut Cebir-II, Under Graduate, 2018 - 2019
İleri Cebir, Post Graduate, 2018 - 2019
Soyut Cebir-I, Under Graduate, 2018 - 2019
Mühendislik Matematiği-I, Under Graduate, 2018 - 2019
Matematik-II, Under Graduate, 2017 - 2018
Soyut Matematik-II, Under Graduate, 2017 - 2018
Genel Matematik-II, Under Graduate, 2017 - 2018
Soyut Matematik-I, Under Graduate, 2017 - 2018
Genel Matematik-I, Under Graduate, 2017 - 2018
Matematik-I, Under Graduate, 2017 - 2018

Advising Theses

Kesicioğlu M. N. , Rezidual gerektirmelerden ve ordinal toplam gerektirmelerden elde edilen sıralamalar, Post Graduate, F.Çoğalmış(Student), 2020
Kesicioğlu M. N. , Sınırlı Kafesler Üzerinde Gerektirmelerden Elde Edilen Kısmen Sıralama, Post Graduate, B.KARA(Student), 2019

Jury Memberships

Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, July, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, January, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, July, 2019
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2019
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, May, 2019
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, June, 2018
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, January, 2018
Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, January, 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The implications obtained by two given implications on bounded lattices**
Karaçal F., Kesicioğlu M. N. , Ertuğrul Ü.
INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, vol.1, no.1, pp.1-19, 2021 (Journal Indexed in SCI Expanded)
- II. **Generalized convex combination of implications on bounded lattices**
KESİCİOĞLU M. N. , ERTUĞRUL Ü., KARAÇAL F.
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.17, no.6, pp.75-91, 2020 (Journal Indexed in SCI)
- III. **Generalized convex combination of triangular norms on bounded lattices**
KARAÇAL F., Nesibe Kesicioğlu M., ERTUĞRUL Ü.
INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, vol.49, no.3, pp.277-301, 2020 (Journal Indexed in SCI)

- IV. **On the relationships between the orders induced by uninorms and nullnorms**
Kesicioglu M. N.
FUZZY SETS AND SYSTEMS, vol.378, pp.23-43, 2020 (Journal Indexed in SCI)
- V. **Ordering based on uni-nullnorms**
KESİCİOĞLU M. N. , Samli E.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.1, pp.645-663, 2020 (Journal Indexed in SCI)
- VI. **On orders induced by implications**
Kesicioglu M. N. , COGALMIS F.
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.16, no.6, pp.127-141, 2019 (Journal Indexed in SCI)
- VII. **Some new construction methods for t-norms on bounded lattices**
ERTUĞRUL Ü., Kesicioglu M. N. , KARAÇAL F.
INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, vol.48, no.7, pp.775-791, 2019 (Journal Indexed in SCI)
- VIII. **CONSTRUCTION METHODS FOR IMPLICATIONS ON BOUNDED LATTICES**
Kesicioglu M. N.
KYBERNETIKA, vol.55, no.4, pp.641-667, 2019 (Journal Indexed in SCI)
- IX. **SOME NOTES ON U-PARTIAL ORDER**
Kesicioglu M. N. , ERTUĞRUL Ü., KARAÇAL F.
KYBERNETIKA, vol.55, no.3, pp.518-530, 2019 (Journal Indexed in SCI)
- X. **CONSTRUCTION METHODS FOR UNI-NULLNORMS AND NULL-UNINORMS ON BOUNDED LATTICE**
ERTUĞRUL Ü., Kesicioglu M. N. , KARAÇAL F.
KYBERNETIKA, vol.55, no.6, pp.994-1015, 2019 (Journal Indexed in SCI)
- XI. **AN EXTENSION METHOD FOR T-NORMS ON SUBINTERVALS TO T-NORMS ON BOUNDED LATTICES**
KARAÇAL F., ERTUĞRUL Ü., Kesicioglu M. N.
KYBERNETIKA, vol.55, no.6, pp.976-993, 2019 (Journal Indexed in SCI)
- XII. **Some notes on the partial orders induced by a uninorm and a nullnorm in a bounded lattice**
Kesicioglu M. N.
FUZZY SETS AND SYSTEMS, vol.346, pp.55-71, 2018 (Journal Indexed in SCI)
- XIII. **About the Orders Induced by Implications Satisfying the Law of Importation**
Kesicioglu M. N.
INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS, vol.26, no.4,
pp.655-677, 2018 (Journal Indexed in SCI)
- XIV. **An equivalence relation based on the U-partial order**
Kesicioglu M. N. , ERTUĞRUL Ü., KARAÇAL F.
INFORMATION SCIENCES, vol.411, pp.39-51, 2017 (Journal Indexed in SCI)
- XV. **Representations by octonary quadratic forms with coefficients 1, 2, 3 or 6**
Alaca A., Kesicioglu M. N.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.13, no.3, pp.735-749, 2017 (Journal Indexed in SCI)
- XVI. **ABOUT THE EQUIVALENCE OF NULLNORMS ON BOUNDED LATTICE**
Kesicioglu M. N.
KYBERNETIKA, vol.53, no.5, pp.877-891, 2017 (Journal Indexed in SCI)
- XVII. **Ordering based on uninorms**
ERTUĞRUL Ü., Kesicioglu M. N. , KARAÇAL F.
INFORMATION SCIENCES, vol.330, pp.315-327, 2016 (Journal Indexed in SCI)
- XVIII. **Representations by octonary quadratic forms with coefficients 1, 3 or 9**
Alaca A., Kesicioglu M. N.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.11, no.8, pp.2353-2368, 2015 (Journal Indexed in SCI)
- XIX. **Order-equivalent triangular norms**
Kesicioglu M. N. , KARAÇAL F., MESIAR R.
FUZZY SETS AND SYSTEMS, vol.268, pp.59-71, 2015 (Journal Indexed in SCI)
- XX. **Ordering based on implications**
Kesicioglu M. N. , MESIAR R.

INFORMATION SCIENCES, vol.276, pp.377-386, 2014 (Journal Indexed in SCI)

XXI. On the property of T-distributivity

Kesicioglu M. N.

FIXED POINT THEORY AND APPLICATIONS, 2013 (Journal Indexed in SCI)

XXII. A T-PARTIAL ORDER OBTAINED FROM T-NORMS

KARAÇAL F., KESİCİOĞLU M. N.

KYBERNETIKA, vol.47, no.2, pp.300-314, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Ordering based 2-uninorm on bounded lattice

ERTUĞRUL Ü., KESİCİOĞLU M. N. , KARAÇAL F.

New Trends in Mathematical Science, vol.1, no.5, pp.289-295, 2017 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. SOME PROPERTIES OF THE PRE-ORDERS OBTAINED BY SOME TOPOLOGICAL CLOSURE OPERATORS

KARAÇAL F., ERTUĞRUL Ü., KESİCİOĞLU M. N.

4 th International Conference on Mathematics "An Istanbul Meeting For World Mathematicians", Turkey, 27 October 2020

II. EQUIVALENCE CLASSES OF IMPLICATIONS ON BOUNDED LATTICES

KARAÇAL F., KESİCİOĞLU M. N. , ERTUĞRUL Ü.

4 th International Conference Mathematics "An Istanbul Meeting For World Mathematicians, Turkey, 27 October 2020

III. A construction method for t-norms on bounded lattices

Karaçal F., Ertuğrul Ü., KESİCİOĞLU M. N.

International Summer School on Aggregation Operators, Olomouc, Czech Republic, 1 - 04 July 2019, pp.205-211

IV. On Some Properties of Generalized Convex Combination of Triangular Norms

KARAÇAL F., KESİCİOĞLU M. N. , ERTUĞRUL Ü.

10th International Summer School on Aggregation Functions (AGOP), Olomouc, Czech Republic, 1 - 04 July 2019, vol.981, pp.223-231

V. The Topological Spaces Obtained From $C_{\{U,A\}}$

KARAÇAL F., ERTUĞRUL Ü., KESİCİOĞLU M. N.

International Symposium on Aggregation Structures (ISAS2018), Valladolid, Spain, 2 - 05 July 2018, pp.43

VI. The Topological Spaces Induced from the Families of the Functions

KARAÇAL F., KESİCİOĞLU M. N. , ERTUĞRUL Ü.

International Symposium on Aggregation Structures (ISAS2018), Valladolid, Spain, 2 - 05 July 2018, pp.45

VII. Some Properties of the Equivalence Relations Induced by the U-partial Orders

KESİCİOĞLU M. N. , ERTUĞRUL Ü., KARAÇAL F.

International Symposium on Aggregation Structures (ISAS2018), Valladolid, Spain, 2 - 05 July 2018, pp.49

VIII. The Relationships Between The Orders Induced By Implications and Uninorms

KESİCİOĞLU M. N.

International Conferences on Algebraic Hyperstructures and Applications (AHA), İstanbul, Turkey, 24 - 27 July 2017, pp.42

IX. A Survey on Order-equivalent Uninorms"

KESİCİOĞLU M. N. , Ertuğrul Ü., Karaçal F.

International Conferences on Algebraic Hyperstructures and Applications (AHA), İstanbul, Turkey, 24 - 27 July 2017, pp.43

X. A Relationship Between Orders Obtained by Uninorms and T-norms (T-conorms)

Ertuğrul Ü., KESİCİOĞLU M. N. , Karaçal F.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.43-44

XI. Some Notes on Ordering Based On Uninorms

Ertuğrul Ü., KESİCİOĞLU M. N. , Karaçal F.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.168-169

XII. On Uninorms on Bounded Lattices

Ertuğrul Ü., KESİCİOĞLU M. N. , Karaçal F.

International Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12 - 14 May 2016, pp.72

XIII. About equivalence classes of triangular norms

KESİCİOĞLU M. N. , Karaçal F., Mesiar R.

International symposium on aggregation on bounded lattices,, Trabzon, Turkey, 16 - 20 June 2014, pp.37

XIV. The order generated by implications

KESİCİOĞLU M. N. , Mesiar R.

12 th international conference on fuzzy set theory and applications,, Liptovsky Jan, Slovakia, 26 - 31 January 2014, pp.66

XV. On the property of T-distributive

KESİCİOĞLU M. N.

International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.108

XVI. T-action on bounded lattices

Karaçal F., KESİCİOĞLU M. N.

Lattice-Valued Logic and Its Applications, 31 st Linz Seminar on Fuzzy Set Theory, Linz, Austria, 9 - 13 February 2010, pp.102

XVII. T-actions of Triangular Norms on Bounded Lattices

Karaçal F., KESİCİOĞLU M. N.

1 st International Fuzzy Systems Symposium, Ankara, Turkey, 1 - 02 October 2009, pp.1

XVIII. Reel W^* -Cebirleri İçin Von Neumann Eş Sabiti

KESİCİOĞLU M. N. , Kör T., Kesicioğlu Y.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, pp.458-472

Supported Projects

KESİCİOĞLU M. N. , Project Supported by Higher Education Institutions, Sınırlı Kafesler Üzerinde Gerektirme Üretme Yöntemleri, 2018 - 2020

KESİCİOĞLU M. N. , Project Supported by Higher Education Institutions, Kafesler Üzerinde Gerektirmelerden Elde Edilen Sıralama, 2015 - 2017

KESİCİOĞLU M. N. , Project Supported by Higher Education Institutions, Tam Kafesler Üzerinde Fuzzy Gerektirmeleri, 2013 - 2015

Edit Congress and Symposium Activities

4 th International Conference Mathematics "An Istanbul Meeting for World Mathematicians, Attendee, İstanbul, Turkey, 2020

International Summer School on Aggregation Operators, Attendee, Olomouc, Czech Republic, 2019

International Symposium on Aggregation Structures (ISAS 2018), Attendee, Valladolid, Spain, 2018

International Conferences on Algebraic Hyperstructures and Applications (AHA), Attendee, İstanbul, Turkey, 2017

International symposium on aggregation on bounded lattices, Attendee, Trabzon, Turkey, 2014

12 th international conference on fuzzy set theory and applications, Attendee, Bratislava, Slovakia, 2014

International Congress in Honour of Professor H. M. Srivastava, Attendee, Bursa, Turkey, 2012
31 st Linz Seminar on Fuzzy Set Theory, Attendee, Linz, Austria, 2010
1 st International Fuzzy Systems Symposium, Attendee, Ankara, Turkey, 2009
XIX. Ulusal Matematik Sempozyumu, Attendee, Kütahya, Turkey, 2006

Citations

Total Citations (WOS):160
h-index (WOS):6

Scholarships

Doktora sonrası araştırma bursiyeri, Slovak Teknik Üniversitesi, Slovakya, University, 2013 - 2013
Doktora sonrası araştırmacı, Slovakya Cumhuriyeti Ulusal Burs Programı (SAIA), 5 ay, Official Institutions of Foreign Countries, 2013 - 2013
Tübitak yurtiçi doktora bursiyeri, TÜBİTAK, 2006 - 2012
Erasmus Öğrenci Değişimi, Chemnitz, Almanya, 1 yıl, European Commission, 2006 - 2007

Awards

KESİCİOĞLU M. N. , Doktora sonrası araştırmacı, 3 ay, Carleton Üniversitesi, Kanada, June 2014
KESİCİOĞLU M. N. , Karadeniz Teknik Üniversitesi, Fen-Edebiyat Fakültesi Matematik Bölüm Birinciliği, Karadeniz Teknik Üniversitesi, July 2003