

Personal Information

Birthyear: 1987

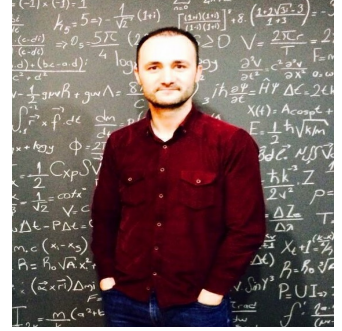
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Education Information

Doctorate, Karadeniz Technical University, Fenbilimleri Enstitüsü, Matematik, Turkey 2012 - 2017

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2010 - 2012

Under Graduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2008 - 2012

Under Graduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Matematik Öğretmenliği, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Akademik Düzeyde Araştırma Projesi Hazırlama Eğitimi, Karadeniz Teknik Üniversitesi-TÜBİTAK, 2014

Dissertations

Doctorate, Sınırlı Kafesler Üzerinde Uninormların Karakterizasyonu ve Uninormdan Elde Edilen U-Kısmen Sıra, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 2017

Post Graduate, Aggregation Functions, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2012

Research Areas

Mathematics, General Algebraic Systems, Group Theory and Generalizations, Special Functions, Natural Sciences

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 2020 - Continues
Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 2018 - 2020
Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Matematik, 2017 - 2018
Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2010 - 2017

Academic and Administrative Experience

Karadeniz Technical University, Fen Fakültesi, Matematik Bölümü, 2019 - Continues

Courses

Lattice Ordered Monoids, Doctorate, 2020 - 2021
Orderings on Fuzzy Conjunctions, Post Graduate, 2020 - 2021
Triangular Norms, Doctorate, 2019 - 2020
Aggregation Functions, Doctorate, 2020 - 2021
Linear Algebra, Under Graduate, 2020 - 2021
Mathematics-II, Under Graduate, 2019 - 2020
Master Thesis, Post Graduate, 2018 - 2019
Differential Equations, Under Graduate, 2019 - 2020
Linear Algebra-I, Under Graduate, 2019 - 2020
Matrix Algebra, Under Graduate, 2019 - 2020
Linear Algebra-II, Under Graduate, 2018 - 2019
Mathematics-II, Under Graduate, 2018 - 2019
Graduation Work, Under Graduate, 2018 - 2019
Mathematics-II, Under Graduate, 2018 - 2019
Mathematics-I, Under Graduate, 2018 - 2019
Fuzzy Implications, Doctorate, 2017 - 2018
Linear Algebra-I, Under Graduate, 2018 - 2019
Linear Algebra, Under Graduate, 2017 - 2018
Seminar-I, Under Graduate, 2018 - 2019
Lattice Theory, Doctorate, 2017 - 2018
Graduation Work, Under Graduate, 2017 - 2018
Business Mathematics-I, Under Graduate, 2018 - 2019
Differential Equations, Under Graduate, 2018 - 2019
Linear Algebra, Under Graduate, 2018 - 2019
Master Thesis, Post Graduate, 2018 - 2019
Seminar-II, Under Graduate, 2017 - 2018
Basic Algebraic Structures, Under Graduate, 2017 - 2018
Mathematics-I, Under Graduate, 2017 - 2018
Mathematics-II, Under Graduate, 2017 - 2018
Seminar, Post Graduate, 2017 - 2018
Mathematics-I, Under Graduate, 2017 - 2018
Seminar-I, Under Graduate, 2017 - 2018
Mathematics-I, Under Graduate, 2017 - 2018
Mathematics-I, Under Graduate, 2017 - 2018
Mathematics-I, Under Graduate, 2017 - 2018

Advising Theses

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

- I. **The implications obtained by two given implications on bounded lattices**
KARAÇAL F., KESİCİOĞLU M. N. , ERTUĞRUL Ü.
INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, vol.50, no.3, pp.281-299, 2021 (Journal Indexed in SCI)
- II. **Generalized convex combination of implications on bounded lattices**
Kesicioğlu M. N. , Ertuğrul Ü., Karaçal F.
IRANIAN JOURNAL OF FUZZY SYSTEMS, vol.17, pp.75-91, 2020 (Journal Indexed in SCI)
- III. **Ordinal sums of triangular norms on bounded lattices**
Ertuğrul Ü., Yeşilyurt M.
Information Sciences, vol.517, pp.198-216, 2020 (Journal Indexed in SCI)
- IV. **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)
- V. **Some new construction methods for t-norms on bounded lattices**
ERTUĞRUL Ü., Kesicioğlu M. N. , KARAÇAL F.
INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, vol.48, no.7, pp.775-791, 2019 (Journal Indexed in SCI)
- VI. **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)
- VII. **CONSTRUCTION METHODS FOR UNI-NULLNORMS AND NULL-UNINORMS ON BOUNDED LATTICE**
ERTUĞRUL Ü., Kesicioğlu M. N. , Karacal F.
KYBERNETIKA, vol.55, no.6, pp.994-1015, 2019 (Journal Indexed in SCI)
- VIII. **AN EXTENSION METHOD FOR T-NORMS ON SUBINTERVALS TO T-NORMS ON BOUNDED LATTICES**
KARAÇAL F., ERTUĞRUL Ü., Kesicioğlu M. N.
KYBERNETIKA, vol.55, no.6, pp.976-993, 2019 (Journal Indexed in SCI)
- IX. **Construction of nullnorms on bounded lattices and an equivalence relation on nullnorms**
ERTUĞRUL Ü.
FUZZY SETS AND SYSTEMS, vol.334, pp.94-109, 2018 (Journal Indexed in SCI)
- X. **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)
- XI. **Characterization of uninorms on bounded lattices**
KARAÇAL F., ERTUĞRUL Ü., Mesiar R.
FUZZY SETS AND SYSTEMS, vol.308, pp.54-71, 2017 (Journal Indexed in SCI)
- XII. **NOTES ON LOCALLY INTERNAL UNINORM ON BOUNDED LATTICES**
ÇAYLI G. D. , ERTUĞRUL Ü., KÖROĞLU T., KARAÇAL F.
KYBERNETIKA, vol.53, no.5, pp.911-921, 2017 (Journal Indexed in SCI)
- XIII. **Some properties of K_{\leq} set**
KARAÇAL F., İNCE M. A. , ERTUĞRUL Ü.
New Trends in Mathematical Science, vol.4, no.4, pp.239, 2016 (Journal Indexed in SCI)
- XIV. **Ordering based on uninorms**
ERTUĞRUL Ü., KESICIOGLU M. N. , KARAÇAL F.
INFORMATION SCIENCES, vol.330, pp.315-327, 2016 (Journal Indexed in SCI)
- XV. **Modified Ordinal Sums of Triangular Norms and Triangular Conorms on Bounded Lattices**
ERTUĞRUL Ü., KARAÇAL F., MESIAR R.
INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, vol.30, no.7, pp.807-817, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **2-Uninormlar Üzerinde Denklik Bağntısı ve Kıyaslanamayan Elemanların Kümesi**
ERTUĞRUL Ü.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, no.2, pp.309-317, 2018 (Other Refereed National Journals)
- II. **An order UV obtained by uninorm and nullnorm**
ERTUĞRUL Ü.
New Trends in Mathematical Science, vol.2, no.5, pp.47-52, 2017 (Refereed Journals of Other Institutions)
- III. **Ordering based 2-uninorm on bounded lattice**
Ertuğrul Ü., Kesicioğlu M. N. , Karaçal F.
New Trends In Mathematical Sciences, vol.5, no.1, pp.287-293, 2017 (Refereed Journals of Other Institutions)
- IV. **Some properties of orders generated by uninorm and 2-uninorm**
ERTUĞRUL Ü.
New Trends in Mathematical Science, vol.1, no.5, pp.280-288, 2017 (Refereed Journals of Other Institutions)
- V. **Associative monotonic commutative operator (AMC) UV**
ERTUĞRUL Ü.
Communication in Mathematical Modeling and Applications, vol.2, no.1, pp.23-28, 2017 (Refereed Journals of Other Institutions)
- VI. **A way to obtain 2-uninorm on bounded lattice from uninorms defined on subintervals of bounded lattice**
ERTUĞRUL Ü.
New Trends in Mathematical Science, vol.2, no.5, pp.1-9, 2017 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Uninormların Karakterizasyonu ve Uninormdan Elde Edilen U-Kısmen Sıra**
ERTUĞRUL Ü.
LAP LAMBERT Academic Publishing, 2017
- II. **Birleştirme Fonksiyonları ve Bazı Özellikleri**
ERTUĞRUL Ü.
LAP LAMBERT Academic Publishing, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Properties of The Pre-orders Obtained by Some Topological Closure Operators**
Karaçal F., Ertuğrul Ü., Kesicioğlu M. N.
4th International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, İstanbul, Turkey, 27 - 30 October 2020, pp.605-613
- II. **A Review on Construction Methods of Triangular Norms on Bounded Lattices**
Yeşilyurt M., Ertuğrul Ü.
7th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, Muğla, Turkey, 25 - 28 September 2020, pp.122
- III. **Some Remarks on Triangular Norms on Bounded Lattices**
Yeşilyurt M., Ertuğrul Ü.
3rd International Conference on Pure and Applied Mathematics (ICPAM-2020), Van, Turkey, 3 - 05 September 2020, pp.115
- IV. **A Construction Method for t-norms on Bounded Lattices**
KARAÇAL F., ERTUĞRUL Ü., Kesicioğlu M. N.

10th International Summer School on Aggregation Functions (AGOP), Olomouc, Czech Republic, 1 - 04 July 2019, vol.981, pp.205-211

- V. **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
- VI. **On Nullnorms on Bounded Lattices**
ERTUĞRUL Ü.
ICRAPAM 2018 (International Conference on Recent Advances in Pure and Applied Mathematics, Trabzon, Turkey, 23 - 27 July 2018, pp.76
- 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 Topological Spaces Obtained From $C\{star\}_{U,A}$**
KARAÇAL F., ERTUĞRUL Ü., KESİCİOĞLU M. N.
International Symposium on Aggregation Structures (ISAS2018), Valladolid, Spain, 2 - 05 July 2018, pp.43
- IX. **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
- X. **A Survey on Order-equivalent Uninorms**
KESICIOGLU M. N. , ERTUĞRUL Ü., KARAÇAL F.
International Conferences on Algebraic Hyperstructures and Applications (AHA), İstanbul, Turkey, 24 - 27 July 2017, pp.43
- XI. **Some notes on locally internal uninorm on bounded lattices**
KÖROĞLU T., ÇAYLI G. D. , ERTUĞRUL Ü., KARAÇAL F.
International Conference on Mathematics and Mathematics Education (ICMME 2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.166-167
- XII. **Some Notes on Ordering Based On Uninorms**
ERTUĞRUL Ü., Kesicioğlu M. N. , KARAÇAL F.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.168-169
- XIII. **A Relationship Between Orders Obtained by Uninorms and T-norms (T-conorms)**
ERTUĞRUL Ü., KESICIOGLU M. N. , KARAÇAL F.
International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.43-44
- XIV. **Some Notes On Locally Internal Uninorm On Bounded Lattices**
KÖROĞLU T., ÇAYLI G. D. , ERTUĞRUL Ü., KARAÇAL F.
International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.166-167
- XV. **Some notes on locally internal uninorm on bounded lattices**
KÖROĞLU T., ÇAYLI G. D. , ERTUĞRUL Ü., KARAÇAL F.
International Conference on Mathematics and Mathematics Education, ICMME 2017, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.166-167
- XVI. **Ordinal sum of t-norms on bounded lattices**
KARAÇAL F., ERTUĞRUL Ü., ÇAYLI G. D.
An international symposium on aggregation and structures ISAS2016, Lüksemburg, Luxembourg, 5 - 08 July 2016, pp.51-52
- XVII. **Ordinal Sum of t-norms on Bounded Lattices**
KARAÇAL F., ERTUĞRUL Ü., ÇAYLI G. D.
An international symposium on aggregation and structures, ISAS 2016, Luxembourg, Luxembourg, 5 - 08 July 2016, pp.51-52

- XVIII. **On Uninorms on Bounded Lattices**
ERTUĞRUL Ü., KESICIOĞLU M. N. , KARAÇAL F.
International Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12 - 14 May 2016, pp.72
- XIX. **Üçgensel Normların (Konormların) Modife Edilmiş Ordinal Toplamları**
ERTUĞRUL Ü., KARAÇAL F., Mesiar R.
14. Matematik Sempozyumu, Niğde, Turkey, 14 - 16 May 2015, pp.101
- XX. **Characterization of Uninorms on Bounded Lattices**
KARAÇAL F., ERTUĞRUL Ü., Mesiar R.
International Symposium on Aggregation on Bounded Lattices, Bursa, Turkey, 16 - 20 June 2014, pp.23-25
- XXI. **Some Properties of K_{\leq} Set**
KARAÇAL F., İnce M. A. , ERTUĞRUL Ü.
International Congress in Honour of Professor Hari M.Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.74
- XXII. **Some Properties of K_{\leq} Set**
KARAÇAL F., İNCE M. A. , ERTUĞRUL Ü.
International Congress in Honour of Professor Hari M.Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.74

Scientific Refereeing

IEEE TRANSACTIONS ON FUZZY SYSTEMS, SCI Journal, June 2020
IRANIAN JOURNAL OF FUZZY SYSTEMS, Journal Indexed in SCI-E, June 2020
FUZZY SETS AND SYSTEMS, SCI Journal, April 2020
IEEE TRANSACTIONS ON FUZZY SYSTEMS, SCI Journal, October 2019
INTERNATIONAL JOURNAL OF APPROXIMATE REASONING, Journal Indexed in SCI-E, July 2019
International Journal of General Systems, SCI Journal, April 2019
International Journal of General Systems, SCI Journal, March 2019
Information Sciences, SCI Journal, December 2018
Gümüşhane Üniversitesi Fen bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, December 2018
Information Sciences, SCI Journal, December 2018
International Journal of General Systems, SCI Journal, November 2018
Fuzzy Sets and Systems, SCI Journal, August 2018

Tasks In Event Organizations

Ertuğrul Ü., ÇAYLI G. D. , OCAK F., International Symposium on Aggregation on Bounded Lattices (ABLAT), Scientific Congress, Trabzon, Turkey, Haziran 2014

Mobility Activity

Other, Workshop, Gran Sasso Science Institute, Italy, 2018 - 2018

Edit Congress and Symposium Activities

5Th INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM 2018), Attendee, Trabzon, Turkey, 2018
ISAS 2018: International Symposium on Aggregation and Structures, Attendee, Valladolid, Spain, 2018
International Conferences on Algebraic Hyperstructures and Applications (AHA 2017), Attendee, İstanbul, Turkey, 2017
International Conference on Mathematics and Mathematics Education (ICMME-2017), Attendee, Şanlıurfa, Turkey, 2017
International Conference on Mathematics and Mathematics Education (ICMME-2016), Attendee, Elazığ, Turkey, 2016

14. Matematik Sempozyumu, Attendee, Niğde, Turkey, 2015

Aggregation on Bounded Lattices(ABLAT), Attendee, Trabzon, Turkey, 2014

The International Congress in Honour of Professor Hari M. Srivastava, Attendee, Bursa, Turkey, 2012

Citations

Total Citations (WOS):133

h-index (WOS):6

Scholarships

2211-Doktora Bursu, TUBITAK, 2012 - 2017

2210-Yüksek Lisans Bursu, TUBITAK, 2010 - 2012

Awards

ERTUĞRUL Ü., 2010 OFMAE Matematik Öğretmenliği Bölüm İkinciliği, Fatih Eğitim Fakültesi, June 2010