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Biography

Publications

56. Ünver, M., Olgun, M., and Garg, H., An information measure based extended VIKOR method in intuitionistic fuzzy valued neutrosophic value setting for multi-criteria group decision making. Sci. Iran. <https://doi.org/10.24200/SCI.2022.60039.6562>

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53. Aydoğan, B., Olgun, M., Smarandache, F., and Ünver, M., A decision-making approach incorporating TODIM method and sine entropy in q -rung picture fuzzy set setting, J. Appl. Math. 2024, 3798588.

52. Ünver, M., Türkarslan, E., Ye, J. and Olgun, M. Linguistic single and interval-valued hybrid intuitionistic fuzzy multi-sets and applications to multi-criteria group decision making. J. Mult.-Valued Log. Soft Comput. 2023, 41(1-2), 1-20.

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- 39.** Garg, H., Olgun, M., Türkarslan, E. and Ünver, M., A Choquet integral based cosine similarity measure for interval-valued Intuitionistic fuzzy sets and an application to pattern recognition, *Lobachevskii J. Math.* 2022, 43, 2444–2452.
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11. Özçelik, G., Ünver, M. and Gencer, C., Evaluation of the global warming impacts using a hybrid method based on fuzzy techniques: A case study in Turkey, Gazi J. Sci. 29 (4), 883-894, 2016.
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7. Ünver, M., Abel transforms of positive linear operators on weighted spaces, Bull. Belg. Math. Soc., 21 (5), 813-822, 2014.
6. Orhan, C. and Ünver, M., Matrix characterization of A-statistical convergence of double sequences, Acta Math. Hungar. 143 (1), 159-175, 2014.
5. Ünver, M., Khan, M. K. and Orhan, C., A -distributional summability in topological spaces, Positivity, 18 (1), 131-145, 2014.
4. Ünver, M., Abel transforms of positive linear operators, ICNAAM 2013. AIP Conference Proceedings, 1558, 1148-1151, 2013.
3. Ünver, M., Characterization of multidimensional A-strong convergence, Studia Sci. Math. Hungar., 50 (1), 17-25, 2013.
2. Ünver, M., Inclusion results for four dimensional Cesàro submethods, Stud. Univ. Babeș-Bolyai Math. 58 (1), 43-54, 2013.
1. Sakaoğlu, İ. and Ünver, M., Statistical approximation for multivariable integrable functions, Miskolc Math. Notes 13 (2), 485-491, 2012.

Book Chapters:

4. Türkarslan, E., Olgun, M., Ünver, M. and Yardimci, Ş., q-Rung Orthopair Fuzzy Points and Applications to q-Rung Orthopair Fuzzy Topological Spaces and Pattern Recognition, Advances in Topology and Their Interdisciplinary Applications, Springer, 245-259, 2023.
3. Türkarslan, E., Ünver, M. and Olgun, M., A vector valued similarity measure based on the Choquet integral for intuitionistic fuzzy sets and its application to pattern recognition, Lecture Notes in Networks and Systems, Springer, 84-92, 2022.
2. Türkarslan, E., Olgun, M., Ünver, M. and Yardimci, Ş., Some trigonometric similarity measures based on Choquet integral for Pythagorean fuzzy sets and its applications to pattern recognition, Pythagorean Fuzzy Sets: Theory and Applications, Springer, 83-105, 2021.
1. Türkarslan, E., Olgun, M., Ünver, M. and Yardimci, Ş., 2-Additive Choquet cosine similarity measures for simplified neutrosophic sets and applications to medical diagnosis, Decision-Making with Neutrosophic Set: Theory and Applications in Knowledge Management, Nova Science Publishers, 259-281, 2021.

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), Turkey 2009 - 2013
Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Turkey 2007 - 2009
Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitim Programı, Ankara Üniversitesi, 2022

Dissertations

Doctorate, Çift diziler için A-kuvvetli yakınsaklık karakterizasyonu, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Dr), 2013

Postgraduate, Toplanabilirlik alanlarının çarpan uzayları, Ankara University, Fen Bilimleri Enstitüsü, Matematik (Yıl) (Tezli), 2009

Research Areas

Fuzzy Sets and Systems, Multi Criteria Decision Making, Functional Analysis, Probability Theory, Stochastic Processes

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2024 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2017 - 2024

Assistant Professor, Ankara University, Fen Fakültesi, Matematik Bölümü, 2015 - 2017

Research Assistant, Ankara University, Fen Fakültesi, Matematik Bölümü, 2009 - 2015

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ankara University, Fen Fakültesi, Matematik Bölümü, 2023 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ankara University, Fen Fakültesi, Matematik Bölümü, 2022 - 2023

Courses

Calculus II (Food Eng.+Geophysics Eng.), Undergraduate, 2022 - 2023

Calculus II (Food Eng+Geophysics Eng.), Undergraduate, 2021 - 2022

Calculus II, Undergraduate, 2022 - 2023

Analiz III, Undergraduate, 2022 - 2023

İleri Analiz I, Undergraduate, 2022 - 2023

Bitirme Projesi, Undergraduate, 2021 - 2022

Advanced Mathematical Analysis, Undergraduate, 2021 - 2022

Calculus II (Physics Eng.+Chemistry), Undergraduate, 2021 - 2022

Graduation Project, Undergraduate, 2021 - 2022

FONKSİYONEL ANALİZ 1, Postgraduate, 2017 - 2018, 2016 - 2017

ANALYSİS 1, Undergraduate, 2017 - 2018, 2016 - 2017

CALCULUS 1, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

MATEMATİK 1, Undergraduate, 2017 - 2018, 2015 - 2016

FONKSİYONEL ANALİZ 2, Postgraduate, 2016 - 2017

ANALYSİS 2, Postgraduate, 2016 - 2017

Lineer Cebir, Undergraduate, 2016 - 2017

MATEMATİK 2, Postgraduate, 2016 - 2017

Matematik 2, Undergraduate, 2015 - 2016

Calculus 2, Undergraduate, 2015 - 2016

İleri Analiz 2, Undergraduate, 2015 - 2016

Advising Theses

Ünver M., Ye J., TUTARLI BULANIK KÜMELER VE KARAR VERME UYGULAMALARI, Doctorate, E.TÜRKARSLAN(Student), 2023

ÜNVER M., Ideal convergence in uniform spaces, Postgraduate, Y.ARAT(Student), 2020

ÜNVER M., Bulanık ölçünün belirlenmesinde karşılaşılan hesaplama çabasını azaltmaya duyarlı yaklaşım, Postgraduate, E.TÜRKARSLAN(Student), 2017

ÜNVER M., Rasgele değişken dizilerinin a-düzen integrallenebilirliği, Postgraduate, H.ULUÇAY(Student), 2016

Jury Memberships

Post Graduate, Post Graduate, Kırıkkale Üniversitesi, December, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, July, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, April, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. An extended EDAS method with circular intuitionistic fuzzy value features and its application to multi-criteria decision-making process

Garg H., ÜNVER M., OLGUN M., Türkarslan E.

Artificial Intelligence Review, vol.56, pp.3173-3204, 2023 (SCI-Expanded)

- II. Circular Pythagorean Fuzzy Sets and Applications to Multi-Criteria Decision Making

BOZYİĞİT M. C., OLGUN M., ÜNVER M.

INFORMATICA, vol.34, no.4, pp.713-742, 2023 (SCI-Expanded)

- III. Continuous Function Valued q-Rung Orthopair Fuzzy Sets and an Extended TOPSIS

ÜNVER M., OLGUN M.

International Journal of Fuzzy Systems, vol.25, no.6, pp.2203-2217, 2023 (SCI-Expanded)

- IV. Consistency fuzzy cross entropy based VIKOR approach for multi-criteria decision making

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- V. Uniform integrability of sequences of random elements with respect to weak topologies and weak integrals

Uluçay H., ÜNVER M.

Hacettepe Journal of Mathematics and Statistics, vol.52, no.1, pp.91-102, 2023 (SCI-Expanded)

- VI. Some Korovkin type approximation applications of power series methods

Uluçay H., ÜNVER M., Soylemez D.

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- VII. Some results concerning ideal and classical uniform integrability and mean convergence

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- XIII. **A NEW VERSION OF UNIFORM INTEGRABILITY VIA POWER SERIES SUMMABILITY METHODS***
CABRERA M. O. R. D. O. N. E. Z., ROSALSKY A., UNVER M., VOLODIN A.
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MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2021, 2021 (SCI-Expanded)
- XV. **Pythagorean fuzzy points and applications in pattern recognition and Pythagorean fuzzy topologies**
OLGUN M., ÜNVER M., YARDIMCI Ş.
SOFT COMPUTING, vol.25, no.7, pp.5225-5232, 2021 (SCI-Expanded)
- XVI. **On the concept of B-statistical uniform integrability of weighted sums of random variables and the law of large numbers with mean convergence in the statistical sense**
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- XIX. **Distance of convergence in measure on spaces of measurable functions**
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- XX. **Pythagorean fuzzy topological spaces**
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 Uluçay H., ÜNVER M.
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- XXV. **Compactly uniform Bochner integrability of random elements**
 ÜNVER M., Uluçay H.
POSITIVITY, vol.21, no.4, pp.1261-1272, 2017 (SCI-Expanded)
- XXVI. **Korovkin theorems on weighted spaces: revisited**
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- XXVIII. **Some results concerning the summability of spliced sequences**
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TURKISH JOURNAL OF MATHEMATICS, vol.40, no.5, pp.1134-1143, 2016 (SCI-Expanded)
- XXIX. **Abel summability in topological spaces**
 ÜNVER M.
MONATSHEFTE FÜR MATHEMATIK, vol.178, no.4, pp.633-643, 2015 (SCI-Expanded)
- XXX. **Abel transforms of convolution operators**
 ATLIHAN Ö. G., ÜNVER M.
GEORGIAN MATHEMATICAL JOURNAL, vol.22, no.3, pp.323-329, 2015 (SCI-Expanded)
- XXXI. **Abel transforms of positive linear operators on weighted spaces**
 Unver M.
BULLETIN OF THE BELGIAN MATHEMATICAL SOCIETY-SIMON STEVIN, no.5, pp.813-822, 2014 (SCI-Expanded)
- XXXII. **\mathbf{A}-distributional summability in topological spaces**
 Unver M., Khan M. K., Orhan C.
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- XXXIII. **Characterization of multidimensional \mathbf{A}-strong convergence**
 ÜNVER M.
Studia Scientiarum Mathematicarum Hungarica, vol.50, no.1, pp.17-25, 2013 (SCI-Expanded)
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- XXXV. **Statistical approximation for multivariable integrable functions**
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Articles Published in Other Journals

- I. **Parametric circular intuitionistic fuzzy information measures and multi-criteria decision making with extended TOPSIS**
 BOZYİĞİT M. C., ÜNVER M.
GRANULAR COMPUTING, vol.9, no.2, 2024 (ESCI)

- II. **Information Measures for Continuous Function-Valued q -Rung Orthopair Fuzzy Sets and an Extended TOPSIS**
ÜNVER M., Aydoğan B.
Journal of Uncertain Systems, vol.17, no.1, 2024 (Scopus)
- III. **A Decision-Making Approach Incorporating TODIM Method and Sine Entropy in $$q$-Rung Picture Fuzzy Set Setting$**
Aydogan B., OLGUN M., Smarandache F., ÜNVER M.
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Garg H., OLGUN M., ÜNVER M., Türkarslan E.
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- V. **A New Type of Neutrosophic Set in Pythagorean Fuzzy Environment and Applications to Multi-criteria Decision Making**
BOZYİĞİT M. C., OLGUN M., Smarandache F., ÜNVER M.
International Journal of Neutrosophic Science, vol.20, no.2, pp.107-134, 2023 (Scopus)
- VI. **A MULTI CRITERIA GROUP DECISION MAKING APPROACH BASED ON FUZZY MEASURE THEORY TO ASSESS THE DIFFERENT GENE REGIONS USED IN RODENT SPECIES**
Karacan G., ÜNVER M., Ponta M.
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.13, no.4, pp.1669-1688, 2023 (ESCI)
- VII. **A Choquet Integral Based Cosine Similarity Measure for Interval-Valued Intuitionistic Fuzzy Sets and an Application to Pattern Recognition**
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- XIV. **A PRE-SUBADDITIVE FUZZY MEASURE MODEL AND ITS THEORETICAL INTERPRETATION**
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- II. **A Vector Valued Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Application to Pattern Recognition**
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- II. **An Identification of a Fuzzy Measure which is Subadditive over Singletons**
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 The 5th International Fuzzy Systems Symposium, Ankara, Turkey, 14 - 15 October 2017
- III. **Distance of convergence in measure on L⁰**
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- IV. **Summability of Banach Space Valued Random Walks and Uniform Integrability**
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- VII. **Some New Type of Summability Methods Defined Via Bochner Integral for Random Elements**
ULUÇAY H., ÜNVER M.
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- VIII. **Statistical and Strong Convergences with Respect to Power Series Methods**
ORHAN C., ÜNVER M.
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- IX. **Can we measure the degree of Global Warming?**
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- X. **Necessary And Sufficient Conditions For A Set Function To Be A Fuzzy Measure That Is Subadditive For Singletons**
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- XII. **Kompakt Düzgün İntegrallenebilir Rasgele Vektör Dizileri**
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Ankara Üniversitesi Matematik Bölümü Haftalık Seminerleri, Ankara, Turkey, 07 December 2016
- XIII. **A Generalization of A Strong Convergence in Hausdorff Spaces**
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- XIV. **Generalization of A Strong Convergence in Hausdorff Spaces**
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- XV. **Some Summability Properties of Sequences of Random Elements in Banach Spaces**
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- XVI. **A New Type of Compact Uniform Integrability in Banach Spaces**
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- XVII. **Some Summability Results Concerning The Sequences of Random Elements in Banach Spaces**
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Uluçay H., ÜNVER M.
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- XX. **A Compactly Uniform Integrability of Sequences of Random Elements**
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International Conference on Recent Advances in Pure and Applied Mathematics, Bodrum, Turkey, 19 - 23 May 2016
- XXI. **Summability of Spliced Sequences in Metric Spaces**
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Fall Western Sectional Meeting, Fullerton, United States Of America, 23 - 24 October 2015

- XXII. **Abel Convergence of Convolution Operators**
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International Eurasian Conference on Mathematical Sciences and Applications, 31 August - 03 September 2015
- XXIII. **Matrix characterization of A statistical convergence of double sequences**
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- XXIV. **A Fuzzy Integral Approach for Determining the Degree of Effect of the Global Warming on the Cities of Turkey**
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- XXV. **Topolojik Uzaylarda A Dağılımsal Yakınsaklık**
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- XXVI. **Abel transforms of positive linear operators**
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11th International Conference of Numerical Analysis and Applied Mathematics 2013, ICNAAM 2013, Rhodes, Greece, 21 - 27 September 2013, vol.1558, pp.1148-1151
- XXVII. **A Distributional Convergence in Topological Spaces**
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- XXVIII. **Inclusion Results for Four Dimensional Cesaro Submethodss**
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Mathematical Analysis, Differential Equations and Their Applications, 04 September 2012
- XXIX. **Cesaro and Abel Convergences of Double Sequences**
ORHAN C., ÜNVER M.
Conference on Summability and Applications, İstanbul, Turkey, 12 May 2011

Activities in Scientific Journals

American Research Journals, Committee Member, 2015 - Continues
LOBACHEVSKII JOURNAL OF MATHEMATICS, Committee Member, 2022 - 2022
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
Assistant Editor/Section Editor, 2018 - 2022

Memberships / Tasks in Scientific Organizations

OpenStax, Member, 2020 - Continues, United States Of America
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Scientific Refereeing

TURKISH JOURNAL OF MATHEMATICS, Journal Indexed in SCI-E, December 2022
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022
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Metrics

Publication: 87
Citation (WoS): 297
Citation (Scopus): 323
H-Index (WoS): 10
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Congress and Symposium Activities

International Conference on Mathematics Statistics and Applied Science (ICMAS-22), Audience, Antwerp, Belgium, 2022
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