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Biography

BOOK CHAPTERS:

5. Bozyigit , M. C., Ünver, M., and Olgun, M., Circular Pythagorean fuzzy Choquet integral operators and applications to multi-criteria decision making, Intelligent and Fuzzy Systems, Lecture Notes in Networks and Systems, Springer, 635–643, 2024.
4. Türkarıslan, E., Olgun, M., Ünver, M. and Yardımcı, 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. Türkarıslan, 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, Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation, Springer, 84-92, 2022.
2. Türkarıslan, E., Olgun, M., Ünver, M. and Yardımcı, 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. Türkarıslan, E., Olgun, M., Ünver, M. and Yardımcı, 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.

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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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12. Atlıhan, Ö., Ünver, M. and Duman, O., Korovkin theorems on weighted spaces: Revisited, *Period. Math. Hung.* 75 (2), 201-209, 2017.
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.
10. Yurdakadim, T. and Ünver, M., Some results concerning the summability of spliced sequences, *Turkish J. Math.*, 40, 1134-1143, 2016.
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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. Babe,s-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.

Education Information

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

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Courses

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

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Analiz III, Undergraduate, 2022 - 2023

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Bitirme Projesi, Undergraduate, 2021 - 2022

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

Graduation Project, Undergraduate, 2021 - 2022
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Calculus 2, Undergraduate, 2015 - 2016
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Advising Theses

Ünver M., Genelleştirilmiş Choquet integral tabanlı bulanık bilgi ölçüleri ve bazı uygulamaları, Doctorate, M.CAN(Student), 2024
Ünver M., Ye J., TUTARLI BULANIK KÜMELER VE KARAR VERME UYGULAMALARI, Doctorate, E.TÜRKARSLAN(Student), 2023
Ünver M., Rasgele vektör dizilerinin zayıf a-düzgün integrallenebilirliği, Doctorate, H.ULUÇAY(Student), 2023
ÜNVER M., Ideal convergence in uniform spaces, Postgraduate, Y.ARAT(Student), 2020
ÜNVER M., Bulanık ölçünün belirlenmesinde karşılaşılan hesaplama çabasını azaltmaya duyarlı yaklaşımlar, Postgraduate, E.TÜRKARSLAN(Student), 2017
ÜNVER M., Rasgele değişken dizilerinin a-düzgün 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. **Parametric picture fuzzy cross-entropy measures based on d-Choquet integral for building material recognition**
BOZYİĞİT M. C., OLGUN M., ÜNVER M., Söylemez D.
Applied Soft Computing, vol.166, 2024 (SCI-Expanded)
- II. **Developing Industry 4.0-based e-waste management: a decision-aided tool equipped with continuous function-valued intuitionistic fuzzy sets**
AYDOĞAN B., ÖZÇELİK G., ÜNVER M.
International Journal of Environmental Science and Technology, 2024 (SCI-Expanded)
- III. **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)
- IV. **Circular Pythagorean Fuzzy Sets and Applications to Multi-Criteria Decision Making**
BOZYIĞIT M. C., OLGUN M., ÜNVER M.
INFORMATICA, vol.34, no.4, pp.713-742, 2023 (SCI-Expanded)
- V. **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)
- VI. **Consistency fuzzy cross entropy based VIKOR approach for multi-criteria decision making**
Türkarşlan E., Ye J., ÜNVER M., OLGUN M.
Iranian Journal of Fuzzy Systems, vol.20, no.4, pp.39-56, 2023 (SCI-Expanded)
- VII. **Uniform integrability of sequences of random elements with respect to weak topologies and weak integrals**
Uluçay H., ÜNVER M.
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- VIII. **Some Korovkin type approximation applications of power series methods**
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- IX. **Some results concerning ideal and classical uniform integrability and mean convergence**
Al Hayek N., Ordonez Cabrera M., Rosalsky A., ÜNVER M., Volodin A.
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- X. **Q-Rung Orthopair Picture Fuzzy Topological Spaces and Parameter-Dependent Continuity: Control System Applications**
ÜNVER M., OLGUN M.
Mathematical Problems in Engineering, vol.2023, 2023 (SCI-Expanded)
- XI. **Linguistic Single and Interval-valued Hybrid Intuitionistic Fuzzy Multi-sets and Applications to Multi-criteria Group Decision Making**
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- XIV. **Single and Interval-Valued Hybrid Enthalpy Fuzzy Sets and a TOPSIS Approach for Multicriteria Group Decision Making**
OLGUN M., Turkarşlan E., Ye J., ÜNVER M.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2022, 2022 (SCI-Expanded)
- XV. **Intuitionistic fuzzy-valued neutrosophic multi-sets and numerical applications to classification**
ÜNVER M., Turkarşlan E., Celik N., OLGUN M., Ye J.
COMPLEX & INTELLIGENT SYSTEMS, vol.8, pp.1703-1721, 2022 (SCI-Expanded)
- XVI. **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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- XVII. **Consistency Fuzzy Sets and a Cosine Similarity Measure in Fuzzy Multiset Setting and Application to Medical Diagnosis**
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MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2021, 2021 (SCI-Expanded)
- XVIII. **Pythagorean fuzzy points and applications in pattern recognition and Pythagorean fuzzy topologies**
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- SOFT COMPUTING, vol.25, no.7, pp.5225-5232, 2021 (SCI-Expanded)
- XXIX. **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**
Cabrera M. O., Rosalsky A., ÜNVER M., Volodin A.
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- XX. **A Cosine Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Applications to Pattern Recognition**
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ÜNVER M., SAĞIROĞLU PEKER S.
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- XXIII. **Pythagorean fuzzy topological spaces**
OLGUN M., ÜNVER M., YARDIMCI Ş.
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- XXIV. **Statistical Convergence with Respect to Power Series Methods and Applications to Approximation Theory**
ÜNVER M., ORHAN C.
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Uluçay H., ÜNVER M.
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SAĞIROĞLU PEKER S., ÜNVER M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.4, pp.889-896, 2018 (SCI-Expanded)
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- XXVIII. **Korovkin theorems on weighted spaces: revisited**
ATLIHAN Ö. G., ÜNVER M., DUMAN O.
PERIODICA MATHEMATICA HUNGARICA, vol.75, no.2, pp.201-209, 2017 (SCI-Expanded)
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ÜNVER M., Uluçay H.
POSITIVITY, vol.21, no.4, pp.1261-1272, 2017 (SCI-Expanded)
- XXX. **Korovkin Type Theorems for Cheney-Sharma Operators via Summability Methods**
Soylemez D., ÜNVER M.
RESULTS IN MATHEMATICS, vol.72, no.3, pp.1601-1612, 2017 (SCI-Expanded)
- XXXI. **Some results concerning the summability of spliced sequences**
YURDAKADİM T., ÜNVER M.
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 Ünver M., Khan M. K., Orhan C.
 POSITIVITY, no.1, pp.131-145, 2014 (SCI-Expanded)
- XXXVI. **Characterization of multidimensional A-strong convergence**
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III. An Identification of a Fuzzy Measure which is Subadditive over Singletons

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IV. Distance of convergence in measure on L_0

SAĞIROĞLU PEKER S., ÜNVER M.

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V. 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

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- XIII. **Kompakt Düzgün İntegrallenebilir Rasgele Vektör Dizileri**
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- XV. **Generalization of A Strong Convergence in Hausdorff Spaces**
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- XVI. **Some Summability Properties of Sequences of Random Elements in Banach Spaces**
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- XVII. **A New Type of Compact Uniform Integrability in Banach Spaces**
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- XIX. **Identification of A Fuzzy Measure That Meets Redundancy Among Criteria in Multicriteria Decision Making Problems**
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- XX. **Rasgele Vektör Dizilerinin A kompakt Düzgün İntegrallenebilirliği**
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- XXII. **Summability of Spliced Sequences in Metric Spaces**
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- XXIII. **Abel Convergence of Convolution Operators**
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International Eurasian Conference on Mathematical Sciences and Applications, 31 August - 03 September 2015
- XXIV. **Matrix characterization of A statistical convergence of double sequences**
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- XXV. **A Fuzzy Integral Approach for Determining the Degree of Effect of the Global Warming on the Cities of Turkey**
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- XXVI. **Topolojik Uzaylarda A Dağılımsal Yakınsaklık**
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XXIX. Inclusion Results for Four Dimensional Cesaro Submethodsss

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Mathematical Analysis, Differential Equations and Their Applications, 04 September 2012

XXX. Cesaro and Abel Convergences of Double Sequeunces

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Conference on Summability and Applications, İstanbul, Turkey, 12 May 2011

Supported Projects

Olgun M., Yardımcı Ş., Ünver M., TÜBİTAK Project, Bulanık Kümeler İçin Bulanık İntegral Tabanlı Benzerlik Ölçüleri Ve Örüntü Tanıma Üzerine Uygulamaları, 2021 - 2022

ÜNVER M., TÜBİTAK Project, Vektör Değerli Ölçülebilir Fonksiyon Dizilerinin Toplanabilmesi, 2015 - 2016

ÜNVER M., OLGUN M., Project Supported by Higher Education Institutions, Bulanık Ölçünün Belirlenmesi İçin Hibrid Bir Metot, 2015 - 2016

Activities in Scientific Journals

LOBACHEVSKII JOURNAL OF MATHEMATICS, Committee Member, 2022 - Continues

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Assistant Editor/Section Editor, 2018 - Continues

Memberships / Tasks in Scientific Organizations

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

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Scientific Refereeing

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TÜBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

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