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### Biyografi

#### 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. Türkarslan, E., Olgun, M., **Ünver, M.** and Yardımcı, S., 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.

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## **Yönetilen Tezler**

Ünver M., Genelleştirilmiş Choquet integral tabanlı bulanık bilgi ölçülerini ve bazı uygulamaları, Doktora, M.CAN(Öğrenci), 2024

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## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- 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, cilt.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.

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- 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.

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- IV. **Circular Pythagorean Fuzzy Sets and Applications to Multi-Criteria Decision Making**  
 BOZYİĞİT M. C., OLGUN M., ÜNVER M.  
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- V. **Continuous Function Valued  $q$ -Rung Orthopair Fuzzy Sets and an Extended TOPSIS**  
 ÜNVER M., OLGUN M.  
 International Journal of Fuzzy Systems, cilt.25, sa.6, ss.2203-2217, 2023 (SCI-Expanded)
- VI. **Consistency fuzzy cross entropy based VIKOR approach for multi-criteria decision making**  
 Türkarslan E., Ye J., ÜNVER M., OLGUN M.  
 Iranian Journal of Fuzzy Systems, cilt.20, sa.4, ss.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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 Al Hayek N., Ordóñez 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**  
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- XI. **Linguistic Single and Interval-valued Hybrid Intuitionistic Fuzzy Multi-sets and Applications to Multi-criteria Group Decision Making**  
 ÜNVER M., Türkarslan E., Ye J., OLGUN M.  
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- XII. **An extended TOPSIS and entropy measure based on Sugeno integral in Pythagorean fuzzy set setting**  
 Garg H., ÜNVER M., Aydoğán B., OLGUN M.  
 Journal of Intelligent and Fuzzy Systems, cilt.45, sa.2, ss.2537-2549, 2023 (SCI-Expanded)
- XIII. **On statistical convergence with respect to power series methods**  
 Unver M., Bayram N. S.  
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- XIV. **Single and Interval-Valued Hybrid Enthalpy Fuzzy Sets and a TOPSIS Approach for Multicriteria Group Decision Making**  
 OLGUN M., Turkarslan E., Ye J., ÜNVER M.  
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- XV. **Intuitionistic fuzzy-valued neutrosophic multi-sets and numerical applications to classification**  
 ÜNVER M., Turkarslan E., Celik N., OLGUN M., Ye J.  
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- 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**  
 Turkarslan E., Ye J., ÜNVER M., OLGUN M.  
 MATHEMATICAL PROBLEMS IN ENGINEERING, cilt.2021, 2021 (SCI-Expanded)
- XVIII. **Pythagorean fuzzy points and applications in pattern recognition and Pythagorean fuzzy topologies**  
 OLGUN M., ÜNVER M., YARDIMCI Ş.  
 SOFT COMPUTING, cilt.25, sa.7, ss.5225-5232, 2021 (SCI-Expanded)

- XIX. **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.  
TEST, cilt.30, sa.1, ss.83-102, 2021 (SCI-Expanded)
- XX. **A Cosine Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Applications to Pattern Recognition**  
OLGUN M., Türkarslan E., ÜNVER M., Ye J.  
INFORMATICA, sa.4, ss.849-864, 2021 (SCI-Expanded)
- XXI. **A new type of compact uniform integrability with application to degenerate mean convergence of weighted sums of Banach space valued random elements**  
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- XXII. **Distance of convergence in measure on spaces of measurable functions**  
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- XXV. **Lacunary Distributional Convergence in Topological Spaces**  
Uluçay H., ÜNVER M.  
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- XXVI. **Statistical convergence of sequences of sets in hyperspaces**  
SAĞIROĞLU PEKER S., ÜNVER M.  
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- XXVII. **A fuzzy measure theoretical approach for multi criteria decision making problems containing sub-criteria**  
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- XXVIII. **Korovkin theorems on weighted spaces: revisited**  
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- XXIX. **Compactly uniform Bochner integrability of random elements**  
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- XXX. **Korovkin Type Theorems for Cheney-Sharma Operators via Summability Methods**  
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- XXXI. **Some results concerning the summability of spliced sequences**  
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- XXXII. **Abel summability in topological spaces**  
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- XXXIII. **Abel transforms of convolution operators**  
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- XXXV.  **$\langle i \rangle A$ -distributional summability in topological spaces**  
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- XXXVI. **Characterization of multidimensional A-strong convergence**  
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- XXXVII. **Inclusion results for four dimensional Cesaro submethods**  
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- XXXVIII. **Statistical approximation for multivariable integrable functions**  
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- I. **Parametric circular intuitionistic fuzzy information measures and multi-criteria decision making with extended TOPSIS**  
 BOZYİĞİT M. C., ÜNVER M.  
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- II. **Information Measures for Continuous Function-Valued  $q$ -Rung Orthopair Fuzzy Sets and an Extended TOPSIS**  
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- III. **A Decision-Making Approach Incorporating TODIM Method and Sine Entropy in  $\langle i \rangle q$ -Rung Picture Fuzzy Set Setting**  
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- IV. **An extension of CODAS method for multi-criteria group decision making with complex intuitionistic fuzzy information via Dombi sine weighted arithmetic aggregation operators**  
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- V. **A New Type of Neutrosophic Set in Pythagorean Fuzzy Environment and Applications to Multi-criteria Decision Making**  
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- VI. **A MULTI CRITERIA GROUP DECISION MAKING APPROACH BASED ON FUZZY MEASURE THEORY TO ASSESS THE DIFFERENT GENE REGIONS USED IN RODENT SPECIES**  
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- VII. **A Choquet Integral Based Cosine Similarity Measure for Interval-Valued Intuitionistic Fuzzy Sets and an Application to Pattern Recognition**  
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- VIII. **Algebraic and Einstein weighted operators of neutrosophic enthalpy values for multi-criteria decision making in neutrosophic multi-valued set settings**  
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- IX. **Cosine and Cotangent Similarity Measures Based on Choquet Integral for Spherical Fuzzy Sets and Applications to Pattern Recognition**  
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- X. **q-Rung Orthopair Fuzzy Topological Spaces**  
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- XI. **Rates of Power Series Statistical Convergence of Positive Linear Operators and Power Series Statistical Convergence of q-Meyer-Konig and Zeller Operators**  
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- XII. **2-Additive Choquet Similarity Measures For Multi-Period Medical Diagnosis in Single-Valued Neutrosophic Set Setting**  
OLGUN M., Türkarslan E., ÜNVER M., Ye J.  
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- XIII. **Korovkin type approximation of Abel transforms of q-Meyer-Konig and Zeller operators**  
Soylemez D., ÜNVER M.  
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- XIV. **A PRE-SUBADDITIVE FUZZY MEASURE MODEL AND ITS THEORETICAL INTERPRETATION**  
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- XV. **Korovkin type Approximation of Abel transforms of q-Meyer-König and Zeller operators**  
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- XVI. **On the Concept of  $\langle i \rangle A \langle /i \rangle$ -Statistical Uniform Integrability and the Law of Large Numbers**  
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- XVII. **STRONG CONVERGENCE IN TOPOLOGICAL SPACES**  
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- XVIII. **Evaluation of the Global Warming Impacts Using a Hybrid Method Based on Fuzzy Techniques: A Case Study in Turkey**  
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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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- III. **Some Trigonometric Similarity Measures Based on the Choquet Integral for Pythagorean Fuzzy Sets and Applications to Pattern Recognition**  
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**IV. 2-additive choquet cosine similarity measures for simplified neutrosophic sets and applications to medical diagnosis**

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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

**I. Circular Pythagorean Fuzzy Choquet Integral Operators and Applications to Multi-criteria Decision Making**

BOZYİĞİT M. C., ÜNVER M., OLGUN M.

International Conference on Intelligent and Fuzzy Systems, INFUS 2024, Çanakkale, Türkiye, 16 - 18 Temmuz 2024, cilt.1090 LNNS, ss.635-643

**II. A Vector Valued Similarity Measure Based on the Choquet Integral for Intuitionistic Fuzzy Sets and Its Application to Pattern Recognition**

Türkarslan E., ÜNVER M., OLGUN M.

International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Türkiye, 24 - 26 Ağustos 2021, cilt.308, ss.84-92

**III. An Identification of a Fuzzy Measure which is Subadditive over Singletons**

TÜRKARSLAN E., ÜNVER M.

The 5th International Fuzzy Systems Symposium, Ankara, Türkiye, 14 - 15 Ekim 2017

**IV. Distance of convergence in measure on L<sub>0</sub>**

SAĞIROĞLU PEKER S., ÜNVER M.

The International Conference in Functional Analysis dedicated to the 125th anniversary of Stefan Banach, 18 - 23 Eylül 2017

**V. Summability of Banach Space Valued Random Walks and Uniform Integrability**

ÜNVER M.

3rd International Conference, Science, Ecology, Technology, 2017, Roma, İtalya, 14 - 16 Ağustos 2017

**VI. A theoretical approach to construct a subadditive fuzzy measure**

TÜRKARSLAN E., ÜNVER M.

3rd International Researchers, Statisticians and Young Statisticians Congress 2017, Konya, Türkiye, 24 - 26 Mayıs 2017

**VII. Some New Type of Summability Methods Defined Via Bochner Integral for Random Elements**

ULUÇAY H., ÜNVER M.

3rd International Researchers, Statisticians and Young Statisticians Congress 2017, Konya, Türkiye, 24 - 26 Mayıs 2017

**VIII. Statistical and Strong Convergences in Hausdorff Topological Spaces**

ÜNVER M., YARDIMCI S.

3rd International Researchers, Statisticians and Young Statisticians Congress 2017, Konya, Türkiye, 24 - 26 Mayıs 2017

**IX. Statistical and Strong Convergences with Respect to Power Series Methods**

ORHAN C., ÜNVER M.

3rd International Conference on Engineering and Natural Sciences, Budapest, Macaristan, 3 - 07 Mayıs 2017

**X. Can we measure the degree of Global Warming?**

ÜNVER M., ÖZÇELİK G.

3rd International Conference on Engineering and Natural Sciences, Budapest, Macaristan, 3 - 07 Mayıs 2017

**XI. Necessary And Sufficient Conditions For A Set Function To Be A Fuzzy Measure That Is Subadditive For Singletons**

- ÖZÇELİK G., ÜNVER M.  
3rd International Conference on Engineering and Natural Sciences, Budapest, Macaristan, 3 - 07 Mayıs 2017
- XII. **A Theoretical Approach for Identification of a Fuzzy Measure that is Subadditive over Singletons**  
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International Workshop, "Mathematical Methods in Engineering, MME-2017, Ankara, Türkiye, 27 - 29 Nisan 2017
- XIII. **Kompakt Düzgün İntegralebilir Rasgele Vektör Dizileri**  
ÜNVER M.  
Ankara Üniversitesi Matematik Bölümü Haftalık Seminerleri, Ankara, Türkiye, 07 Aralık 2016
- XIV. **A Generalization of A Strong Convergence in Hausdorff Spaces**  
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- XV. **Generalization of A Strong Convergence in Hausdorff Spaces**  
YARDIMCI Ş., ÜNVER M.  
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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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- XVIII. **Some Summability Results Concerning The Sequences of Random Elements in Banach Spaces**  
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- XIX. **Identification of A Fuzzy Measure That Meets Redundancy Among Criteria in Multicriteria Decision Making Problems**  
ÜNVER M., ÖZÇELİK G.  
VI Congress of Mathematicians of Macedonia, Ohrid, Makedonya, 15 - 18 Haziran 2016
- XX. **Rasgele Vektör Dizilerinin A kompakt Düzgün İntegralebilirliği**  
Uluçay H., ÜNVER M.  
11. Ankara Matematik Günleri, Ankara, Türkiye, 26 - 27 Mayıs 2016
- XXI. **A Compactly Uniform Integrability of Sequences of Random Elements**  
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International Conference on Recent Advances in Pure and Applied Mathematics, Bodrum, Türkiye, 19 - 23 Mayıs 2016
- XXII. **Summability of Spliced Sequences in Metric Spaces**  
ÜNVER M., YARDIMCI Ş., OLGUN M.  
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- XXIII. **Abel Convergence of Convolution Operators**  
GİRGIN ATLIHAN Ö., ÜNVER M.  
International Eurasian Conference on Mathematical Sciences and Applications, 31 Ağustos - 03 Eylül 2015
- XXIV. **Matrix characterization of A statistical convergence of double sequences**  
ÜNVER M., ORHAN C.  
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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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- XXVII. **Abel transforms of positive linear operators**  
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- XXVIII. **A Distributional Convergence in Topological Spaces**  
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- XXIX. **Inclusion Results for Four Dimensional Cesaro Submethodss**  
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- XXX. **Cesaro and Abel Convergences of Double Seqeunces**  
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### **Desteklenen Projeler**

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### **Bilimsel Dergilerdeki Faaliyetler**

LOBACHEVSKII JOURNAL OF MATHEMATICS, Editörler Kurulu Üyesi, 2022 - Devam Ediyor  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
Yardımcı Editör/Bölüm Editörü, 2018 - Devam Ediyor

### **Bilimsel Kuruluşlardaki Üyelikler / Görevler**

OpenStax, Üye, 2020 - Devam Ediyor , Amerika Birleşik Devletleri  
American Mathematical Society, Üye, 2022 - 2022, Amerika Birleşik Devletleri

### **Bilimsel Hakemlikler**

REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS, FÍSICAS Y NATURALES. SERIE A: MATEMÁTICAS, SCI  
Kapsamındaki Dergi, Aralık 2023  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Kapsamındaki Dergi, Aralık 2023  
SYMMETRY, SCI Kapsamındaki Dergi, Aralık 2023  
TURKISH JOURNAL OF MATHEMATICS, SCI-E Kapsamındaki Dergi, Aralık 2022  
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TÜBİTAK Projesi, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Ankara Üniversitesi, Türkiye, Ekim 2022  
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HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI-E Kapsamındaki Dergi, Temmuz 2022  
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Journal of Analysis, SCI-E Kapsamındaki Dergi, Mayıs 2022  
APPLIED GENERAL TOPOLOGY, ESCI Kapsamındaki Dergi, Mart 2022  
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, SCI-E Kapsamındaki Dergi, Şubat 2022  
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TÜBİTAK Projesi, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Ankara Üniversitesi, Türkiye, Şubat 2022

## **Metrikler**

Yayın: 90  
Atıf (WoS): 367  
Atıf (Scopus): 504  
H-İndeks (WoS): 12  
H-İndeks (Scopus): 13

## **Kongre ve Sempozyum Katılımı Faaliyetleri**

International Conference on Mathematics Statistics and Applied Science (ICMAS-22), İzleyici / Dinleyici, Antwerp, Belçika, 2022  
4th International Conference on Artificial Intelligence and Applied Mathematics in Engineering, İzleyici / Dinleyici, Baku, Azerbaycan, 2022