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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAP-6251-2021

ScopusID: 57222140901

Yoksis Researcher ID: 283845

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mathematics, Turkey 2020 - 2024

Undergraduate, Anadolu University, İşletme Fakültesi, İşletme Bölümü, Turkey 2019 - 2023

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mathematics, Turkey 2017 - 2020

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathemeatics, Turkey 2014 - 2017

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Pedagojik Formasyon Eğitimi, YILDIZ TEKNİK ÜNİVERSİTESİ/Eğitim Fakültesi, 2018

Dissertations

Doctorate, A New Genetic Algorithm Proposal with Dynamic Structure: Selection Operator Decider Genetic Algorithm (SODGA) and an Application on Asymmetric Capacitated Vehicle Routing Problem, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mathematics, 2024

Postgraduate, Some Multi Criteria Decision Making Approaches Based on Interval Type 2 Fuzzy Sets and Applications, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mathematics, 2020

Research Areas

Management, Quantitative Methods, Numerical Algorithms, Evolutionary Computing, Industrial Engineering, Multi Criteria Decision Making, Mathematics, Computer Science, Optimization, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2024 - Continues
Research Assistant PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2024 - 2024
Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2018 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Passenger satisfaction assessment in the aviation industry using Type-2 fuzzy TOPSIS**
Usun S., Akn Bař S., Meniz B., Özkök B.
Journal of Air Transport Management, vol.119, 2024 (SSCI)
- II. **Genetic Algorithm Optimization with Selection Operator Decider**
Meniz B., Tiryaki F.
Arabian Journal for Science and Engineering, 2024 (SCI-Expanded)
- III. **Vaccine selection for COVID-19 by AHP and novel VIKOR hybrid approach with interval type-2 fuzzy sets.**
Meniz B., Özkan E. M.
Engineering applications of artificial intelligence, vol.119, pp.105812, 2023 (SCI-Expanded)
- IV. **A Note on Fuzzy Cosine Function**
Meniz B.
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS, vol.24, no.1, pp.216-217, 2022 (SCI-Expanded)
- V. **An advanced TOPSIS method with new fuzzy metric based on interval type-2 fuzzy sets**
MENİZ B.
Expert Systems with Applications, vol.186, 2021 (SCI-Expanded)
- VI. **Multilevel AHP approach with interval type-2 fuzzy sets to portfolio selection problem**
Meniz B., Bas S. A., Ozkok B. A., Tiryaki F.
Journal of Intelligent and Fuzzy Systems, vol.40, no.5, pp.8819-8829, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Genetic algorithm approach to asymmetric capacitated vehicle routing: A case study on bread distribution in Istanbul, Türkiye**
Meniz B., Tiryaki F.
DECISION SCIENCE LETTERS, vol.13, no.3, pp.605-616, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Comparative Analysis of Interpolation Methods**
Altun D., Meniz B.
International Conference on Mathematics and Mathematics Education (ICMME-2024), Nevşehir, Turkey, 3 - 05 October 2024, pp.103-104
- II. **Evaluating the Video Communication Platforms with Fuzzy Linguistic based Mathematical Analysis**
Meniz B., Altun D.
International Conference on Mathematics and Mathematics Education (ICMME-2024), Nevşehir, Turkey, 3 - 05 October 2024, pp.223-224
- III. **Havalimanı Hizmet Memnuniyetinin Makine Öğrenmesi Teknikleri Kullanılarak Değerlendirilmesi**
Öztürk Uşun S., Özkök B., Akn Bař S., Meniz B.
42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03

November 2023, pp.101

- IV. **Havayolu Endüstrisinde Yolcu Memnuniyetinin Bulanık Çok Kriterli Karar Verme Teknikleri Kullanılarak Değerlendirilmesi**
Özkök B., Öztürk Uşun S., Meniz B., Akın Baş S.
42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03 November 2023, pp.102
- V. **Lineer Kesirli Programlama İle Perakende Sektöründe Çevre Dostu Araç Rotalama Uygulaması**
Akın Baş S., Özkök B., Meniz B., Öztürk Uşun S.
42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03 November 2023, pp.124
- VI. **Genetik Algoritmada Yeni Bir Seçilim Yaklaşımı Ve Kapasiteli Araç Rotalama Problemi Örneklemesi**
Meniz B., Tiryaki F.
42. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Gaziantep, Turkey, 1 - 03 November 2023, pp.96
- VII. **Mobile app evaluation application with AHP method based on interval type-2 fuzzy sets**
Meniz B., Tiryaki F.
5th International Conference on Analysis and Applied Mathematics, ICAAM 2020, Mersin, Turkey, 23 - 30 September 2020, vol.2325
- VIII. **INTERVAL TYPE-2 FUZZY AHP METHOD WITH MULTILEVEL HIERARCHICAL STRUCTURE: AN APPLICATION ON CAR SELECTION**
Meniz B., Tiryaki F.
3. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, İstanbul, Turkey, 12 - 13 March 2020, pp.54
- IX. **A RISK ASSESSMENT APPLICATION COMPARISON WITH INTERVAL TYPE-2 FUZZY TOPSIS METHOD**
Meniz B., Tiryaki F.
3. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, İstanbul, Turkey, 12 - 13 March 2020, pp.53

Supported Projects

TİRYAKİ F., MENİZ B., Project Supported by Higher Education Institutions, Dinamik Yapıda Yeni Bir Genetik Algoritma Önerisi: Seçilim Operatörü Kararlı Genetik Algoritma (SOKGA) ve Asimetrik Kapasiteli Araç Rotalama Problemi Üzerine Bir Uygulama, 2023 - 2024

Scientific Refereeing

INTERNATIONAL JOURNAL OF FUZZY SYSTEM APPLICATIONS, Other Indexed Journal, October 2024

IEEE ACCESS, Journal Indexed in SCI-E, September 2024

HELIYON, Journal Indexed in SCI-E, August 2024

IEEE ACCESS, Journal Indexed in SCI-E, August 2024

INTERNATIONAL JOURNAL OF FUZZY SYSTEM APPLICATIONS, Other Indexed Journal, July 2024

INTERNATIONAL JOURNAL OF FUZZY SYSTEM APPLICATIONS, Other Indexed Journal, January 2024

INFORMATION SCIENCES, Journal Indexed in SCI-E, December 2023

ANNALS OF OPERATIONS RESEARCH, Journal Indexed in SCI-E, July 2023

FUZZY SETS AND SYSTEMS, Journal Indexed in SCI-E, April 2023

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, Journal Indexed in SCI-E, December 2022

INFORMATION SCIENCES, Journal Indexed in SCI-E, December 2022

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, Journal Indexed in SCI-E, October 2022

JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS, Journal Indexed in SCI-E, October 2022

International Journal of Fuzzy System Applications, Other Indexed Journal, May 2022
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Journal Indexed in SCI-E, May 2022
International Journal of Fuzzy System Applications, Other Indexed Journal, April 2022
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Journal Indexed in SCI-E, June 2021
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Journal Indexed in SCI-E, May 2021

Metrics

Publication: 16

Citation (WoS): 76

Citation (Scopus): 76

H-Index (WoS): 3

H-Index (Scopus): 3