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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2020 - Devam Ediyor

Yüksek Lisans, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2017 - 2020

Lisans Çift Anadal, Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Endüstri

Mühendisliği, Türkiye 2015 - 2018

Lisans, Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği,

Türkiye 2012 - 2017

Yaptığı Tezler

Yüksek Lisans, Multi-objective decision-making approach for nuclear power plant installation, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, 2020

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Galatasaray Üniversitesi, Mühendislik Ve Teknoloji Fakültesi, Endüstri Mühendisliği, 2019 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- Spherical bipolar fuzzy weighted multi-facility location modeling for mobile COVID-19 vaccination clinics**
Çakır E., Taş M. A., Ulukan H. Z.
Journal Of Intelligent & Fuzzy Systems, cilt.0, sa.0, ss.1-14, 2022 (Hakemli Dergi)
- Intuitionistic fuzzy multi-objective milk-run modelling under time window constraints**
Çakır E., Ulukan H. Z., Kahraman C., Ölçer Sağlam C., Kuleli Pak B., Pekcan B.
Journal Of Intelligent & Fuzzy Systems, cilt.0, sa.0, ss.1-16, 2022 (Hakemli Dergi)

- III. **Time-dependent Dijkstra's algorithm under bipolar neutrosophic fuzzy environment**
Çakır E., Ulukan H. Z. , Acarman T.
Journal Of Intelligent & Fuzzy Systems, cilt.0, sa.0, ss.1-10, 2022 (Hakemli Dergi)
- IV. **A Hybrid Kruskal's Algorithm Based on Intuitionistic Fuzzy with Hamacher Aggregation Operator for Road Planning**
Çakır E., Ulukan H. Z.
International Journal of Fuzzy Systems, 2021 (Hakemli Dergi)
- V. **Fuzzy multi-objective decision making approach for nuclear power plant installation**
ÇAKIR E., Ulukan Z.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, cilt.39, sa.5, ss.6339-6350, 2020 (Hakemli Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Covid-19 Geçici Aşılama Kliniklerinin Atanmasına Sezgisel Bir Yaklaşım**
Çakır E., Taş M. A.
European Journal of Science and Technology, cilt.34, ss.360-366, 2022 (Hakemli Dergi)
- II. **Circular Intuitionistic Fuzzy Multi-Criteria Decision Making Methodology**
Çakır E., Taş M. A.
Avrupa Bilim ve Teknoloji Dergisi, sa.28, ss.900-905, 2021 (Hakemli Dergi)
- III. **Green Supplier Selection Using Game Theory Based on Fuzzy SWARA**
Taş M. A. , Çakır E.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, ss.1-14, 2021 (Hakemli Dergi)
- IV. **SPHERICAL FUZZY SWARA-MARCOS APPROACH FOR GREEN SUPPLIER SELECTION**
Taş M. A. , Çakır E., Ulukan H. Z.
3C Tecnología, ss.115-133, 2021 (Hakemli Dergi)
- V. **WEB CONFERENCING SOFTWARE SELECTION WITH INTERVAL-VALUED FUZZY PARAMETERIZED INTUITIONISTIC FUZZY SOFT SETS**
Çakır E., Ulukan H. Z.
3C Tecnología, ss.53-65, 2021 (Hakemli Dergi)
- VI. **KÜRESEL BULANIK KÜMELER İLE GÜVENİLİRLİK ANALİZİ**
Çakır E., Ulukan H. Z.
Mühendislik ve Tasarım Bilimleri Dergisi, cilt.9, sa.1, ss.230-239, 2021 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **A Hybrid Fuzzy MCDM Approach for Sustainable Health Tourism Sites Evaluation**
Taş M. A. , Çakır E.
Handbook of Research on Advances and Applications of Fuzzy Sets and Logic, Said Broumi, Editör, IGI Global, Tunis, ss.77-104, 2022
- II. **Digitalization on Aviation 4.0: Designing a Scikit-Fuzzy Control System for In-Flight Catering Customer Satisfaction**
Çakır E., Ulukan H. Z.
Intelligent and Fuzzy Techniques in Aviation 4.0, Kahraman C., Aydın S., Editör, Springer, London/Berlin , London, ss.123-146, 2022
- III. **Bipolar Neutrosophic Fuzzy Dijkstra Algorithm and Its Application**
Çakır E., Ulukan H. Z.
Intelligent and Fuzzy Techniques: Smart and Innovative Solutions, Kahraman C., Cevik Onar S., Oztaysi B., Sari I., Cebi S., Tolga A., Editör, Springer-Verlag , Zürich, ss.311-318, 2020
- IV. **A* Algorithm Under Single-Valued Neutrosophic Fuzzy Environment**

Çakır E., Ulukan H. Z.

Intelligent and Fuzzy Techniques: Smart and Innovative Solutions , Kahraman C.,Cevik Onar S.,Oztaysi B.,Sari I.,Cebi S.,Tolga A., Editör, Springer, London/Berlin , Zürich, ss.302-310, 2020

V. **A S-QFD Approach with Bipolar Fuzzy Hamacher Aggregation Operators and Its Application on E-Commerce**

Çakır E., Ulukan H. Z.

Information Processing and Management of Uncertainty in Knowledge-Based Systems, Marie-Jeanne LesotSusana VieiraMarek Z. ReformatJoão Paulo CarvalhoAnna WilbikBernadette Bouchon-MeunierRonald R. Yager, Editör, Springer-Verlag , Zürich, ss.577-587, 2020

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A New Weighting Method in Fuzzy Multi-criteria Decision Making: Selected Element Reduction Approach (SERA)**
Çakır E., Taş M. A. , Demircioğlu M. E.
2022 NORTH AMERICAN FUZZY INFORMATION PROCESSING SOCIETY CONFERENCE NAFIPS'2022, Halifax, Kanada, 31 Mayıs - 03 Haziran 2022, ss.1-6
- II. **Circular Intuitionistic Fuzzy Analytic Hierarchy Process for Remote Working Assessment in Covid-19**
Çakır E., Taş M. A.
International Conference on Intelligent and Fuzzy Systems INFUS 2022, İzmir, Türkiye, 01 Temmuz 2022, ss.1-8
- III. **Intuitionistic Fuzzy Selected Element Reduction Approach (IF-SERA) on Service Quality Evaluation of Digital Suppliers**
Çakır E., Taş M. A. , Demircioğlu M. E.
International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems IPMU 2022, Milan, İtalya, 11 - 15 Temmuz 2022, ss.141-150
- IV. **A New Circular Intuitionistic Fuzzy MCDM: A Case of Covid-19 Medical Waste Landfill Site Evaluation**
Çakır E., Taş M. A. , Ulukan H. Z.
IEEE 21st International Symposium on Computational Intelligence and Informatics (CINTI 2021), Budapest, Macaristan, 18 - 20 Kasım 2021, ss.1-5
- V. **Locating Cell on Wheels in Emergency Using Fuzzy COCOSO and Weighted Minimax Methods**
Çakır E., Taş M. A. , Ulukan H. Z.
LMSCM2021 19th International Logistics and Supply Chain Congress, Gaziantep, Türkiye, 21 - 22 Ekim 2021, ss.1
- VI. **Neutrosophic Fuzzy MARCOS Approach for Sustainable Hybrid Electric Vehicle Assessment**
Çakır E., Taş M. A. , Ulukan H. Z.
IEEE SMC 2021, Melbourne, Avustralya, 17 - 20 Ekim 2021, ss.1-6
- VII. **Ranking Triangular and Trapezoidal Fuzzy MARCOS Methods on Road Risk**
Taş M. A. , Çakır E.
Conference: 6 th online Forum on Research and Technologies for Society and Industry (IEEE RTSI 2021)At, Naples, İtalya, 6 - 09 Eylül 2021, ss.370-375
- VIII. **Circular Intuitionistic Fuzzy Sets in Multi criteria Decision Making**
Çakır E., Taş M. A. , Ulukan H. Z.
11th Conference on Theory and Applications of Soft Computing, Computing with Words and Perceptions, ICSCCW 2021, Antalya, Türkiye, 23 - 24 Ağustos 2021, ss.1-8
- IX. **Cylindrical Neutrosophic Single-Valued Fuzzy MCDM Approach on Electric Vehicle Charging Station Relocation with Time-Dependent Demand**
Çakır E., Taş M. A. , Ulukan H. Z.
INFUS 2021: Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation , İstanbul, Türkiye, 24 - 26 Ağustos 2021, cilt.308, ss.355-363
- X. **A Fuzzy Modeling for Time Constrained Vehicle Routing Problem**
Çakır E., Ulukan H. Z. , Kahraman C.

INFUS 2021: Intelligent and Fuzzy Techniques for Emerging Conditions and Digital Transformation , İstanbul, Türkiye, 24 - 26 Ağustos 2021, cilt.307, ss.511-519

- XI. **Cylindrical Neutrosophic Fuzzy Heuristic Approach to Locate Mobile Pandemic Test Labs**
Çakır E., Taş M. A. , Ulukan H. Z.
2021 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2021), Luxembourg, Lüksemburg, 11 - 14 Temmuz 2021, ss.1-6
- XII. **Türkiye'deki Limanların Çevresel Sürdürülebilirlik Performanslarının Bulanık Çok Kriterli Karar Verme Metodu İle Değerlendirilmesi**
Taş M. A. , Çakır E., Ulukan H. Z.
40. Yöneyem Araştırması - Endüstri Mühendisliği Kongresi (YAEM 2021), İstanbul, Türkiye, 4 - 07 Temmuz 2021, ss.19
- XIII. **COVID-19 Geçici Test Laboratuvarları Yerleşimi İçin Bulanık Tabanlı Tasarruf Algoritması**
Çakır E., Taş M. A. , Ulukan H. Z.
40. Yöneyem Araştırması - Endüstri Mühendisliği Kongresi (YAEM 2021), İstanbul, Türkiye, 4 - 07 Temmuz 2021, ss.87
- XIV. **Shortest Fuzzy Hamiltonian Cycle on Transportation Network Using Minimum Vertex Degree and Time-dependent Dijkstra's Algorithm**
Çakır E., Ulukan H. Z. , Acarman T.
16th IFAC Symposium on Control in Transportation Systems, Lille, Fransa, 8 - 10 Haziran 2021, ss.348-353
- XV. **Fuzzy Linguistic Prolog on Route Prioritisation**
Çakır E.
29th Signal Processing and Communications Applications Conference (SIU 2021), İstanbul, Türkiye, 9 - 11 Haziran 2021, ss.1-4
- XVI. **Neutrosophic Fuzzy Weighted Saving Heuristic for COVID-19 Vaccination**
Çakır E., Taş M. A. , Ulukan H. Z.
2021 Systems and Information Engineering Design Symposium (SIEDS), Virginia, Amerika Birleşik Devletleri, 29 - 30 Nisan 2021, ss.1-5
- XVII. **An Intuitionistic Fuzzy MCDM Approach Adapted to Minimum Spanning Tree Algorithm for Spreading Content on Social Media**
ÇAKIR E., ULUKAN H. Z.
11th IEEE Annual Computing and Communication Workshop and Conference, CCWC 2021, Nevada, Amerika Birleşik Devletleri, 27 - 30 Ocak 2021, ss.174-179
- XVIII. **Spherical Fuzzy SWARA-MARCOS Approach for Green Supplier Selection**
Taş M. A. , Çakır E., Ulukan H. Z.
6th International Conference on Recent Trends in Computer Science and Electronics January 5-7, 2021, University of Hawaii, USA, Hawaii, Amerika Birleşik Devletleri, 5 - 07 Ocak 2021, ss.45
- XIX. **Web Conferencing Software Selection with IntervalValued Fuzzy Parameterized Intuitionistic Fuzzy Soft Sets**
Çakır E., Ulukan H. Z.
6th International Conference on Recent Trends in Computer Science and Electronics January 5-7, 2021, University of Hawaii, USA, Hawaii, Amerika Birleşik Devletleri, 5 - 07 Ocak 2021, ss.42
- XX. **A* Algorithm Under Single-Valued Neutrosophic Fuzzy Environment**
ÇAKIR E., ULUKAN H. Z.
International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Türkiye, 21 - 23 Temmuz 2020, ss.302-310
- XXI. **Bipolar Neutrosophic Fuzzy Dijkstra Algorithm and Its Application**
ÇAKIR E., ULUKAN H. Z.
International Conference on Intelligent and Fuzzy Systems, INFUS 2020, İstanbul, Türkiye, 21 - 23 Temmuz 2020, ss.311-318
- XXII. **Sustainable health tourism site selection with a fuzzy linguistic prolog**
ÇAKIR E., ULUKAN H. Z.

Developments of Artificial Intelligence Technologies in Computation and Robotics, Cologne, Germany, 18 - 21 Ağustos 2020, ss.1456-1463

XXIII. An interval type-2 fuzzy dynamic approach to replacement of server equipment

ÇAKIR E., ULUKAN H. Z.

2020 IEEE International Conference on Fuzzy Systems, FUZZ 2020, Glasgow, Birleşik Krallık, 19 - 24 Temmuz 2020

XXIV. A Fuzzy Linguistic Programming for Sustainable Ecotourism Activities

Çakır E., Ulukan H. Z.

IEEE CCWC 2020, Nevada, Amerika Birleşik Devletleri, 6 - 08 Ocak 2020, ss.121-126

XXV. A S-QFD approach with bipolar fuzzy hamacher aggregation operators and its application on e-commerce

ÇAKIR E., ULUKAN H. Z.

18th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2020, Lisbon, Portekiz, 15 - 19 Haziran 2020, ss.577-587

XXVI. Interval Type-2 Fuzzy Reliability Modeling for Recycling Facility

Çakır E., Ulukan H. Z.

2019 4th International Conference on System Reliability and Safety (ICSRS), Rome, İtalya, 20 - 22 Kasım 2019, ss.544-548

XXVII. A Fuzzy Logic Programming Environment for Recycling Facility Selection

Çakır E., Ulukan H. Z.

11th International Joint Conference on Computational Intelligence, Vienna, Avusturya, 17 - 19 Eylül 2019, ss.367-374

XXVIII. DUAL HESITANT PYTHAGOREAN FUZZY APPROACH FOR SUSTAINABLE ECOTOURISM SITE SELECTION

Çakır E., Ulukan H. Z.

ICDSBA 2019: The 3rd Annual International Conference on Data Science and Business Analytics, İstanbul, Türkiye, 11 - 12 Ekim 2019, ss.296-301

XXIX. Fuzzy Multi-Objective Decision Making Approach For Nuclear Power Plant Installation

Çakır E., Ulukan H. Z.

INFUS 2019, İstanbul, Türkiye, 23 - 25 Temmuz 2019, ss.1258-1265

Desteklenen Projeler

DEMİRCİOĞLU M. E. , ULUKAN H. Z. , ÇAKIR E., Yükseköğretim Kurumları Destekli Proje, Industrial Engineering applications on Fuzzy Logic Environment, 2022 - Devam Ediyor

ULUKAN H. Z. , ÇAKIR E., Yükseköğretim Kurumları Destekli Proje, Endüstri Mühendisliğinde Bulanık Küme Uygulamaları, 2020 - 2022

Metrikler

Yayın: 45