

Prof. EMEL KIZILKAYA AYDOĞAN

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 32481

Email: ekaydogan@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/ekaydogan/>

International Researcher IDs

ORCID: 0000-0003-0927-6698

Publons / Web Of Science ResearcherID: HJZ-4847-2023

Yoksis Researcher ID: 190655

Education Information

Post Doctorate, University of Florida, Industrial Engineering, Operational Research, United States Of America 2010 - 2011

Doctorate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2004 - 2008

Postgraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2002 - 2003

Dissertations

Doctorate, VERİ MADENCİLİĞİNDE SINIFLANDIRMA PROBLEMLERİ İÇİN EVRİMSEL ALGORİTMA TABANLI YENİ BİR YAKLAŞIM : ROUGH-MEP ALGORİTMASI, Gazi Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, 2008

Postgraduate, BASIT U TİPİ MONTAJ HATTI DENGELEME PROBLEMİ İÇİN BİR EN KISA YOL MODELİ, Gazi Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, 2003

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Evolutionary Computing, Industrial Engineering, Optimization Theory and Methods, Multiobjective Optimization, Heuristic Methods, Production Planning and Control, Scheduling, Decision Theory, Multi Criteria Decision Making, Decision Support Systems, Supply Chain and Logistics Management, Network Design, Engineering and Technology

Academic Titles / Tasks

Professor, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2017 - Continues

Associate Professor, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2012 - 2017

Academic and Administrative Experience

Erciyes University, 2022 - Continues

Head of Department, Erciyes University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2021 - Continues

Erciyes University, 2020 - Continues

Assistant Director of the Institute, Erciyes University, Fen Bilimleri Enstitüsü, --, 2016 - 2022

Kayseri University, 2016 - 2019

Erciyes Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, 2016 - 2018

Erciyes Üniversitesi, Develi H.S.M.Y.O., Lojistik, 2009 - 2018

Erciyes University, 2016 - 2017

Erciyes University, 2013 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The selection of washing machine programs with fuzzy dematel and moora-ratio multi-criteria decision-making methods considering environmental and cost criteria**
Fidan F. Ş., KIZILKAYA AYDOĞAN E., UZAL N.
Desalination and Water Treatment, vol.317, 2024 (SCI-Expanded)
- II. **Robust Multicriteria Sustainability Assessment in Urban Transportation**
GÜLÇİMEN S., KIZILKAYA AYDOĞAN E., UZAL N.
Journal of Urban Planning and Development, vol.149, no.2, 2023 (SCI-Expanded)
- III. **Integrated mixed-model assembly line balancing and parts feeding with supermarkets**
DELİCE Y., KIZILKAYA AYDOĞAN E., Himmetoğlu S., ÖZCAN U.
CIRP Journal of Manufacturing Science and Technology, vol.41, pp.1-18, 2023 (SCI-Expanded)
- IV. **The impact of organic cotton use and consumer habits in the sustainability of jeans production using the LCA approach**
ŞENER FİDAN F., KIZILKAYA AYDOĞAN E., UZAL N.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, no.4, pp.8853-8867, 2023 (SCI-Expanded)
- V. **Predicting quality parameters of denim fabrics using developed ANN based Artificial Bee Colony algorithm**
Katircioğlu G., KIZILKAYA AYDOĞAN E., DELİCE Y., AKGÜL E.
Journal of the Textile Institute, 2023 (SCI-Expanded)
- VI. **Parallel assembly lines worker assignment and balancing problem: A mathematical model and an artificial bee colony algorithm**
Özcan U., Kızılıkaya Aydoğan E., Himmetoğlu S., Delice Y.
APPLIED SOFT COMPUTING, vol.130, 2022 (SCI-Expanded)
- VII. **Use of Topsis Method for Designing Different Textile Products in Coloration via Natural Source "Madder"**
AKGÜL E., BAHTİYARİ M. İ., KIZILKAYA AYDOĞAN E., BENLİ H.
JOURNAL OF NATURAL FIBERS, vol.19, no.14, pp.8993-9008, 2022 (SCI-Expanded)
- VIII. **Green building envelope designs in different climate and seismic zones: Multi-objective ANN-based genetic algorithm**
Himmetoğlu S., Delice Y., Kızılıkaya Aydogan E., Uzal B.
SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, vol.53, 2022 (SCI-Expanded)
- IX. **An application of fuzzy linguistic summarization and fuzzy association rule mining to Kansei Engineering: a case study on cradle design**
AKGÜL E., DELİCE Y., KIZILKAYA AYDOĞAN E., BORAN F. E.
Journal of Ambient Intelligence and Humanized Computing, vol.13, no.5, pp.2533-2563, 2022 (SCI-Expanded)
- X. **SOME SCHEDULING PROBLEMS WITH SUM OF LOGARITHM PROCESSING TIMES BASED LEARNING EFFECT AND EXPONENTIAL PAST SEQUENCE DEPENDENT DELIVERY TIMES**
TOKSARI M. D., KIZILKAYA AYDOĞAN E., ATALAY B., Sari S.
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, vol.18, no.3, pp.1795-1807, 2022 (SCI-Expanded)
- XI. **Investigation of different denim fabrics with fabric touch tester and sensory evaluation**
AKGÜL E., KIZILKAYA AYDOĞAN E., SİNANOĞLU C.
JOURNAL OF NATURAL FIBERS, vol.19, no.13, pp.5551-5565, 2022 (SCI-Expanded)
- XII. **Life cycle sustainability assessment of a light rail transit system: Integration of environmental,**

- economic, and social impacts**
 Gülçimen S., Aydogan E., Uzal N.
 INTEGRATED ENVIRONMENTAL ASSESSMENT AND MANAGEMENT, vol.17, no.5, pp.1070-1082, 2021 (SCI-Expanded)
- XIII. **Multi-dimensional Sustainability Evaluation of Indigo Rope Dyeing with a life cycle approach and hesitant fuzzy analytic hierarchy process**
 Fidan F. S., Kızılkaya Aydoğan E., Uzal N.
 Journal of Cleaner Production, vol.309, 2021 (SCI-Expanded)
- XIV. **An integrated life cycle assessment approach for denim fabric production using recycled cotton fibers and combined heat and power plant**
 Fidan F., Aydoğan E., UZAL N.
 Journal of Cleaner Production, vol.287, 2021 (SCI-Expanded)
- XV. **PSACONN mining algorithm for multi-factor thermal energy-efficient public building design**
 HİMMETOĞLU S., DELİCE Y., Aydoğan E.
 Journal of Building Engineering, vol.34, 2021 (SCI-Expanded)
- XVI. **Rough Kansei Mining Model for Market-Oriented Product Design**
 AKGÜL E., ÖZMEN M., SİNANOĞLU C., Aydogan E. K.
 MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2020, 2020 (SCI-Expanded)
- XVII. **Robust multi-criteria decision making methodology for real life logistics center location problem**
 Özmen M., Kızılkaya Aydogan E.
 Artificial Intelligence Review, vol.53, pp.725-751, 2020 (SCI-Expanded)
- XVIII. **Churn prediction in Turkey's telecommunications sector: A proposed multiobjective-cost-sensitive ant colony optimization**
 Özmen M., Kızılkaya Aydogan E., Delice Y., Toksarı M. D.
 Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, vol.10, no.1, 2020 (SCI-Expanded)
- XIX. **CBR-PSO: cost-based rough particle swarm optimization approach for high-dimensional imbalanced problems**
 Aydogan E. K., Özmen M., Delice Y.
 Neural Computing and Applications, vol.31, pp.6345-6363, 2019 (SCI-Expanded)
- XX. **Balancing stochastic U-lines using particle swarm optimization**
 Aydogan E., Delice Y., Ozcan U., Gencer C., Bali O.
 JOURNAL OF INTELLIGENT MANUFACTURING, vol.30, pp.97-111, 2019 (SCI-Expanded)
- XXI. **An ant colony optimisation algorithm for balancing two-sided U-type assembly lines with sequence-dependent set-up times**
 Delice Y., Aydoğan E. K., Söylemez I., Özcan U.
 Sadhana - Academy Proceedings in Engineering Sciences, vol.43, no.12, 2018 (SCI-Expanded)
- XXII. **Optimization of the Murata Vortex Spinning machine parameters by the SMAA-MOORA approach**
 Kızılkaya Aydoğan E.
 Industria Textila, vol.68, pp.323-331, 2017 (SCI-Expanded)
- XXIII. **THE STOCHASTIC VIKOR METHOD AND ITS USE IN REVERSE LOGISTIC OPTION SELECTION PROBLEM**
 Aydogan E., Özmen M.
 RAIRO-OPERATIONS RESEARCH, vol.51, pp.375-389, 2017 (SCI-Expanded)
- XXIV. **Balancing two-sided U-type assembly lines using modified particle swarm optimization algorithm**
 Delice Y., Aydogan E., Ozcan U., Ilkay M. S.
 4OR, vol.15, pp.37-66, 2017 (SCI-Expanded)
- XXV. **A modified particle swarm optimization algorithm to mixed-model two-sided assembly line balancing**
 Delice Y., Aydogan E., Ozcan U., Ilkay M. S.
 Journal of Intelligent Manufacturing, vol.28, pp.23-36, 2017 (SCI-Expanded)
- XXVI. **Developing a Decision-Support System for Waste Management in Aluminum Production**
 Özmen M., Aydogan E., Ateş N., Uzal N.
 ENVIRONMENTAL MODELING & ASSESSMENT, vol.21, pp.803-817, 2016 (SCI-Expanded)

- XXVII. **MOORA-BASED TAGUCHI OPTIMIZATION FOR SELECTION OF MURATA VORTEX SPINNER MACHINE PARAMETERS**
 AKGÜL E., KIZILKAYA AYDOĞAN E., Akay D., TÜRKSOY H. G.
TEKSTİL VE KONFEKSİYON, vol.26, no.3, pp.249-255, 2016 (SCI-Expanded)
- XXVIII. **Stochastic two-sided U-Type assembly line balancing: A genetic algorithm approach**
 Delice Y., Aydogan E., Ozcan U.
International Journal of Production Research, vol.54, pp.3429-3451, 2016 (SCI-Expanded)
- XXIX. **A new model suggestion to estimate the probability value in occupational health and safety risk assessment**
 BIYIKLI O., Aydogan E.
Applied Mathematics and Information Sciences, vol.10, no.2, pp.663-671, 2016 (SCI-Expanded)
- XXX. **TWO NEW METHOD FOR MULTI CRITERIA STOCHASTIC DECISION MAKING: SMAA-GRA AND SMAA-DEMATEL-GRA**
 Kizilkaya Aydogan E.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.30, no.4, pp.627-640, 2015 (SCI-Expanded)
- XXXI. **TWO NEW METHOD FOR MULTI CRITERIA STOCHASTIC DECISION MAKING: SMAA-GRA AND SMAA-DEMATEL-GRA**
 KIZILKAYA AYDOĞAN E., ÖZMEN M.
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- XXXII. **A Method Based on SMAA-Topsis for Stochastic Multi-Criteria Decision Making and a Real-World Application**
 Okul D., Gencer C., Aydogan E.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING, vol.13, no.5, pp.957-978, 2014 (SCI-Expanded)
- XXXIII. **A combined approach for fuzzy multi-objective multiple knapsack problems for defence project selection.**
 Bakırlı B. B., Gencer C., Aydogan E.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.65, no.7, pp.1001-1016, 2014 (SCI-Expanded)
- XXXIV. **Editorial: New Developments In Scheduling Problems**
 TOKSARI M. D., Oron , KIZILKAYA AYDOĞAN E., Barbosa .
THESCIENTIFICWORLDJOURNAL, vol.2014, pp.1-2, 2014 (SCI-Expanded)
- XXXV. **hGA: Hybrid genetic algorithm in fuzzy rule-based classification systems for high-dimensional problems**
 Aydogan E. K., Karaoglan I., Pardalos P. M.
APPLIED SOFT COMPUTING, vol.12, pp.800-806, 2012 (SCI-Expanded)
- XXXVI. **Performance measurement model for Turkish aviation firms using the rough-AHP and TOPSIS methods under fuzzy environment**
 Aydogan E. K.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, pp.3992-3998, 2011 (SCI-Expanded)
- XXXVII. **AHP MODEL FOR TRANSITION FROM IPv4 TO IPv6**
 Kizilkaya Aydogan E.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.26, no.3, pp.701-709, 2011 (SCI-Expanded)
- XXXVIII. **Evaluation of a light machine gun using analytic network process**
 Aydogan E. K., Gencer C., Aytıirk S.
Defence Science Journal, vol.59, pp.273-283, 2009 (SCI-Expanded)
- XXXIX. **A decision support system for locating VHF / UHF radio jammer systems on the terrain**
 Gencer C., KIZILKAYA AYDOĞAN E., Celik C.
INFORMATION SYSTEMS FRONTIERS, vol.10, pp.111-124, 2008 (SCI-Expanded)

- XL. **Mining classification rules with Reduced MEPAR-miner Algorithm**
 Aydogan E. K., Gencer C.
 Applied Mathematics and Computation, vol.195, pp.786-798, 2008 (SCI-Expanded)
- XLI. **Chemical agent detector placement methodology**
 GENCER C., KIZILKAYA AYDOĞAN E., Soydemir .
 APPLIED MATHEMATICS AND COMPUTATION, vol.195, pp.542-557, 2008 (SCI-Expanded)
- XLII. **A new intuitional algorithm for solving heterogeneous fixed fleet routing problems: Passenger pickup algorithm**
 Gencer C., Top I., Aydogan E.
 APPLIED MATHEMATICS AND COMPUTATION, vol.181, no.2, pp.1552-1567, 2006 (SCI-Expanded)
- XLIII. **A shortest route formulation of simple U-type assembly line balancing problem**
 Gokcen H., Agpak K., Gencer C., Kizilkaya E.
 APPLIED MATHEMATICAL MODELLING, vol.29, pp.373-380, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Developed ABCLASS-Miner Classification Algorithm Based Rule Extraction for Denim Fabrics**
 Katircioglu G., KIZILKAYA AYDOĞAN E., AKGÜL E., DELİCE Y.
 GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.37, no.1, pp.326-337, 2024 (ESCI)
- II. **A NEW MATHEMATICAL MODEL FOR PARALLEL ASSEMBLY LINE BALANCING PROBLEM WITH ERGONOMIC CONSTRAINTS: ERGOPALBP**
 DELİCE Y., KIZILKAYA AYDOĞAN E., HİMMETOĞLU S.
 Mühendislik Bilimleri ve Tasarım Dergisi, 2023 (Peer-Reviewed Journal)
- III. **A Mathematical Model and An Industrial Application for Green Vehicle Routing Problem with the Heterogeneous Fleet and Capacity Constraints**
 Akcakoca A. E., HİMMETOĞLU S., DELİCE Y., KIZILKAYA AYDOĞAN E.
 JOURNAL OF POLYTECHNIC-POLITEKNIK DERGİSİ, 2023 (ESCI)
- IV. **Rough-AHP and MOORA-based Taguchi Optimization for Mixture Proportion of Building Concrete**
 Himmetoğlu S., Kızılkaya Aydoğan E., Ozcan F., Karahan O., Atış C. D.
 JOURNAL OF POLYTECHNIC-POLITEKNIK DERGİSİ, 2021 (ESCI)
- V. **Life Cycle Assessment for Neutralization process in Textile Wastewater Treatment Plant**
 ŞENER FİDAN F., KIZILKAYA AYDOĞAN E., UZAL N.
 Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2021 (Peer-Reviewed Journal)
- VI. **KANSEİ VE TEMEL BİLEŞENLER ANALİZİ TABANLI BEŞİK TASARIM STRATEJİLERİİNİN OLUŞTURULMASI**
 AKGÜL E., DELİCE Y., KIZILKAYA AYDOĞAN E., SİNANOĞLU C.
 Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.2, pp.850-856, 2019 (Peer-Reviewed Journal)
- VII. **Fuzzy Rough Approach for Telecommunication Sector Churn Prediction Attribute Reduction**
 ÖZMEN M., KIZILKAYA AYDOĞAN E.
 Journal of Turkish Operations Management, pp.78-82, 2018 (Peer-Reviewed Journal)
- VIII. **FEATURE SELECTION APPLICATION FOR DEMAND FORECASTING IN FURNITURE INDUSTRY**
 ÖZMEN M., KIZILKAYA AYDOĞAN E., HİMMETOĞLU S., DELİCE Y.
 Journal of Turkish Operations Management, pp.74-77, 2018 (Peer-Reviewed Journal)
- IX. **TELEKOMÜNİKASYON SEKTÖRÜNDE PSO İLE MÜŞTERİ SEGMENTASYONU**
 ÖZMEN M., DELİCE Y., KIZILKAYA AYDOĞAN E.
 Bilişim Teknolojileri Dergisi, 2018 (Peer-Reviewed Journal)
- X. **Telekomünikasyon Sektöründe PSO ile Müşteri Bölümlemesi**
 Özmen M., Delice Y., Kızılkaya Aydoğan E.
 BİLİŞİM TEKNOLOJİLERİ DERGİSİ, vol.11, no.2, pp.163-173, 2018 (Peer-Reviewed Journal)
- XI. **KANSEI EVALUATION WITH ROUGH SETS THEORY FOR NEWPRODUCT DEVELOPMENT**

- AKGÜL E., KIZILKAYA AYDOĞAN E., SİNANOĞLU C.
International Journal of Mechanical And Production Engineering, vol.5, pp.103-105, 2017 (Peer-Reviewed Journal)
- XII. **Attribute Reduction in Stochastic Information Systems Based on ?-Dominance**
KIZILKAYA AYDOĞAN E., ÖZMEN M.
INTERNATIONAL JOURNAL OF INFORMATICS TECHNOLOGIES, vol.10, no.2, pp.211-219, 2017 (Peer-Reviewed Journal)
- XIII. **Cost Sensitive Feature Selection in Decision-Theoretic Rough Set Models for Customer Churn Prediction: The Case of Telecommunication Sector Customers**
KIZILKAYA AYDOĞAN E., ÖZMEN M., DELİCE Y.
International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering, vol.4, no.4, pp.163-167, 2016 (Peer-Reviewed Journal)
- XIV. **NÖROERGONOMİ VE TEMEL UYGULAMA ALANLARI**
Biyikli Ö., KIZILKAYA AYDOĞAN E.
Süleyman Demirel Üniversitesi Mühendislik Bilimleri ve Tasarım Dergisi, vol.3, no.3, pp.173-179, 2015 (Peer-Reviewed Journal)
- XV. **A New Integrated Fuzzy Multi-Criteria Decision Model for Performance Evaluation**
KIZILKAYA AYDOĞAN E., demirtaş ö., dağdeviren m.
Business and Management Studies, vol.1, no.1, pp.38-55, 2015 (Scopus)
- XVI. **A Hybrid Moora Fuzzy Algorithm For Special Education and Rehabilitation Center Selection**
Özçelik G., KIZILKAYA AYDOĞAN E., GENCER C.
Journal of Military and Information Science, vol.2, no.3, pp.53, 2014 (Peer-Reviewed Journal)
- XVII. **An algorithm predicting upper level icing potential by fuzzy set theory and an application with this algorithm for Turkey**
gencer c., KIZILKAYA AYDOĞAN E., karah ç.
The Open Industrial and Manufacturing Engineering Journal, vol.3, pp.7-12, 2010 (Scopus)
- XVIII. **İnsansız hava araçlarının rota planlaması için bir karar destek sistemi**
gencer c., KIZILKAYA AYDOĞAN E., kocabas s.
Kara Harp Okulu Savunma Bilimleri Dergisi, vol.8, no.1, pp.59-73, 2009 (Scopus)
- XIX. **Analitik hiyerarşi prosesi ile hafif makinelî tüfek seçimi**
gencer c., KIZILKAYA AYDOĞAN E., aytürk s.
Kara Harp Okulu Savunma Bilimleri Dergisi, vol.7, no.2, pp.87-106, 2008 (Scopus)
- XX. **Veri Madenciliği Teknikleri İle Bir Kozmetik Markanın Ayrılan Müşteri Analizi ve Müşteri Bölümlenmesi**
KIZILKAYA AYDOĞAN E., gencer c., akbulut s.
Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.26, no.1, pp.42-56, 2008 (Peer-Reviewed Journal)
- XXI. **Kaba küme yaklaşımı kullanılarak veri madenciliği problemlerinde sınıflandırma amaçlı yapılmış olan çalışmalar**
KIZILKAYA AYDOĞAN E., gencer c.
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Books & Book Chapters

- I. **Havacılıkta Lojistik ve Bakım Faaliyetleri**
KIZILKAYA AYDOĞAN E., DELİCE Y., HİMMETOĞLU S.
in: Havacılık Yönetimi ve Çağdaş Yaklaşımlar, Demirtaş Özgür, Editor, Nobel Akademik Yayıncılık, pp.47-65, 2023
- II. **ÜRETİMDE DİJİTAL DÖNÜŞÜM**
KIZILKAYA AYDOĞAN E., DELİCE Y., HİMMETOĞLU S.
in: DİJİTALLEŞME VE DİJİTAL DÖNÜŞÜM ÜZERİNE GÜNCEL ARAŞTIRMALAR, DUMRUL Cüneyt, KILIÇARSLAN Zerrin, DUMRUL Yasemin, Editor, Ekin Yayınevi, pp.90-111, 2023
- III. **Recent Progress on Life Cycle Sustainability Assessment in Textile Industry: Applications for**

- Environmental, Economic, and Social Impacts of Cotton and Its Derivatives**
ŞENER FİDAN F., KIZILKAYA AYDOĞAN E., UZAL N.
in: Progress on Life Cycle Assessment in Textiles and Clothing, Subramanian Senthilkannan Muthu, Editor, Springer, pp.163-197, 2023
- IV. THERMAL INSULATION CLUSTERING WITH MULTIDIMENSIONAL CLIMATE CHARACTERISTICS**
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in: SOSYAL BİLİMLER ALANINDA ULUSLARARASI ARAŞTIRMALAR, KILIÇ Samet, Editor, Eğitim Yayınevi, Konya, pp.167-185, 2021
- V. TODIM YÖNTEMİ VE TERSİNÉ LOJİSTİK OPSİYON SEÇİMİ UYGULAMASI**
Kızılkaya Aydoğan E., Özmen M.
in: ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ MS EXCEL ÇÖZÜMLÜ UYGULAMALAR, PROF. DR. MEHMET KABAK ve DOÇ. DR. YETKİN ÇINAR, Editor, Nobel Yayın Dağıtım, Ankara, pp.277-294, 2020
- VI. TELEKOMÜNİKASYON SEKTÖRÜNDE MÜŞTERİ KAYBI TAHMİNİ: BÜYÜK VE GERÇEK VERİ SETİ ÜZERİNDE ÖRNEK UYGULAMA**
Kızılkaya Aydoğan E., Özmen M., Delice Y.
in: YAPAY ZEKÂ VE BÜYÜK VERİ KİTAP SERİSİ 1 Yapay Zekâ ve Büyük Veri: Teknolojiler, Yaklaşımlar ve Uygulamalar, Prof. Dr. Şeref Sağıroğlu, Dr. Mustafa Umut Demirezen, Editor, Nobel Yayın Dağıtım, Ankara, pp.157-181, 2020
- VII. Veri Madenciliği Tabanlı Enerji Etkin Bina Yapı Kabuğu Tasarımı ve Örnek Bir Uygulama**
Himmetoğlu S., Delice Y., Kızılkaya Aydoğan E.
in: Yapay Zekâ ve Büyük Veri: Teknolojiler, Yaklaşımlar ve Uygulamalar, Şeref SAĞIROĞLU, Mustafa Umut DEMİREZEN, Editor, Nobel Yayınevi, Ankara, pp.311-342, 2020
- VIII. Baby Cradle Design with Kansei Knowledge Mining Based on Rough Set Theory**
Akgül E., Özmen M., Kızılkaya Aydoğan E., Sinanoğlu C.
in: Customer Oriented Product Design, CENGİZ KAHRAMAN, SELÇUK CEBİ, Editor, Springer, London/Berlin , London, pp.469-478, 2020
- IX. Travel and Tourism Competitiveness of Economies Around the World Using Rough SWARA and TODIM Method**
Kızılkaya Aydoğan E., Özmen M.
in: Strategic Innovative Marketing and Tourism, Androniki Kavoura Efstatios Kefallonitis Prokopios Theodoridis, Editor, Springer, London/Berlin , Berlin, pp.765-774, 2020
- X. : TELEKOMÜNİKASYON SEKTÖRÜNDE MÜŞTERİ KAYBI TAHMİNİ:BÜYÜK VE GERÇEK VERİ SETİ ÜZERİNDE ÖRNEK UYGULAMA**
KIZILKAYA AYDOĞAN E., ÖZMEN M., DELİCE Y.
in: Yapay Zeka ve Büyük Veri Kitap Serisi 1: YAPAY ZEKA VE BÜYÜK VERİ TEKNOLOJİLERİ VE YAKLAŞIMLARI, SAĞIROĞLU Şeref, DEMİREZEN Mustafa Umut, Editor, Nobel Yayınevi, Ankara, pp.287-310, 2020
- XI. Determination of Denim Fabric's Air Permeability with Image Processing Using Fuzzy C Means**
Katircioğlu G., KIZILKAYA AYDOĞAN E., ÖZMEN M., AKGÜL E.
in: Intelligent and Fuzzy Techniques in Big Data Analytics and Decision Making, Kahraman Cengiz, Cebi Selcuk, Onar Sezi Cevik, Oztaysi Basar, Tolga A. Cagri, Ucal Sari Irem, Editor, SPRINGER, pp.1208-1214, 2019
- XII. Fuzzy Combinatorial Optimization Problems**
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