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Personal Information

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International Researcher IDs

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ScopusID: 55763879600

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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (Dr), Turkey 2010 - 2015

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2006 - 2012

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Endüstri Mühendisliği (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2004 - 2008

Research Areas

Linear Programming, Global Optimization, Heuristic Methods, Integer and Mixed Integer Programming, Network Design

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ, 2021 - Continues

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ, 2020 - 2021

Research Assistant PhD, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ, 2015 - 2020

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ, 2010 - 2015

Courses

Computer Integrated Manufacturing, Undergraduate, 2022 - 2023

Bilgisayar Programlama III, Undergraduate, 2017 - 2018

Sezgisel Algoritmala Giriş, Undergraduate, 2017 - 2018

Forecasting Methods, Undergraduate, 2017 - 2018

Jury Memberships

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, March, 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization Models for Long-Term Planning of Municipal Solid Waste Management Systems: A Review with An Emphasis on Mass Balances**
Korucu M. K., Kucukoglu İ.
JOURNAL OF ENVIRONMENTAL INFORMATICS, vol.43, no.1, pp.1-15, 2024 (SCI-Expanded)
- II. **A new hybrid genetic algorithm to optimize distribution and operational plans for cross-docking satellites**
KÜÇÜKOĞLU İ., ÖZTÜRK N.
SOFT COMPUTING, vol.27, no.24, pp.18723-18738, 2023 (SCI-Expanded)
- III. **The traveling purchaser problem with fast service option**
KÜÇÜKOĞLU İ.
COMPUTERS & OPERATIONS RESEARCH, vol.141, 2022 (SCI-Expanded)
- IV. **The electric vehicle routing problem and its variations: A literature review**
Kucukoglu İ., Dewil R., Cattrysse D.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.161, 2021 (SCI-Expanded)
- V. **A hybrid meta-heuristic algorithm for vehicle routing and packing problem with cross-docking**
Küçükoğlu İ., Öztürk N.
JOURNAL OF INTELLIGENT MANUFACTURING, vol.30, no.8, pp.2927-2943, 2019 (SCI-Expanded)
- VI. **Hybrid simulated annealing and tabu search method for the electric travelling salesman problem with time windows and mixed charging rates**
KÜÇÜKOĞLU İ., Dewil R., Cattrysse D.
EXPERT SYSTEMS WITH APPLICATIONS, vol.134, pp.279-303, 2019 (SCI-Expanded)
- VII. **A Critical Review of Multi-hole Drilling Path Optimization**
Dewil R., KÜÇÜKOĞLU İ., Luteyn C., Cattrysse D.
ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING, vol.26, no.2, pp.449-459, 2019 (SCI-Expanded)
- VIII. **Adaptive Electromagnetic Field Optimization Algorithm for the Solar Cell Parameter Identification Problem**
KÜÇÜKOĞLU İ.
INTERNATIONAL JOURNAL OF PHOTOENERGY, vol.2019, 2019 (SCI-Expanded)
- IX. **Application of the artificial neural network method to detect defective assembling processes by using a wearable technology**
KÜÇÜKOĞLU İ., ATICI ULUSU H., GÜNDÜZ T., Tokcalar O.
JOURNAL OF MANUFACTURING SYSTEMS, vol.49, pp.163-171, 2018 (SCI-Expanded)
- X. **Two-stage optimisation method for material flow and allocation management in cross-docking networks**
KÜÇÜKOĞLU İ., ÖZTÜRK N.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.55, no.2, pp.410-429, 2017 (SCI-Expanded)
- XI. **A genetic algorithm for minimizing energy consumption in warehouses**
ENE YALÇIN S., KÜÇÜKOĞLU İ., AKSOY A., ÖZTÜRK N.
ENERGY, vol.114, pp.973-980, 2016 (SCI-Expanded)
- XII. **A hybrid metaheuristic algorithm for the green vehicle routing problem with a heterogeneous fleet**
ENE YALÇIN S., KÜÇÜKOĞLU İ., AKSOY A., ÖZTÜRK N.
INTERNATIONAL JOURNAL OF VEHICLE DESIGN, vol.71, pp.75-102, 2016 (SCI-Expanded)
- XIII. **An advanced hybrid meta-heuristic algorithm for the vehicle routing problem with backhauls and time windows**
KÜÇÜKOĞLU İ., ÖZTÜRK N.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.86, pp.60-68, 2015 (SCI-Expanded)
- XIV. **A memory structure adapted simulated annealing algorithm for a green vehicle routing problem**
KÜÇÜKOĞLU İ., ENE YALÇIN S., AKSOY A., ÖZTÜRK N.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.5, pp.3279-3297, 2015 (SCI-Expanded)

- XV. A differential evolution approach for the vehicle routing problem with backhauls and time windows
KÜÇÜKOĞLU İ., ÖZTÜRK N.
JOURNAL OF ADVANCED TRANSPORTATION, vol.48, no.8, pp.942-956, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. Soğuk Zincir Lojistiğinde Gezgin Satın Alıcı Problemi İçin İki Aşamalı Bir Yöntem
KÜÇÜKOĞLU İ.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.10, no.3, pp.929-942, 2022 (Peer-Reviewed Journal)
- II. Application of Precedence Constrained Travelling Salesman Problem Model for Tool Path Optimization in CNC Milling Machines
KÜÇÜKOĞLU İ., GÜNDÜZ T., Balkancioğlu F., Topal E. C., Sayim O.
An International Journal of Optimization and Control: Theories Applications (IJOCTA), vol.9, no.3, pp.59-68, 2019 (Scopus)
- III. İç Lojistik Sisteminde Malzeme Tedariği İçin Geliştirilmiş Matematiksel Modelleme Yaklaşımı: Bir Uygulama
Küçükoğlu İ., Yağmahan B., Çağlıyan M. S., Yıldız A., Aktokluk D.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.23, no.4, pp.159-176, 2018 (Peer-Reviewed Journal)
- IV. Application of Goal Programming Integrated Multi-Criteria Decision Making Approaches for the Stock Area Selection Problem of an Automotive Company
Küçükoğlu İ., Yağmahan B., Onaylı A., Çayhan E. D., Ünal M.
INTERNATIONAL JOURNAL OF SUPPLY CHAIN MANAGEMENT, vol.6, no.3, pp.187-198, 2017 (Scopus)
- V. Heuristic and Genetic Algorithm Approaches to the Real-World University Examination Timetabling Problem
KÜÇÜKOĞLU İ., YURTKURAN A.
Global Journal of Business, Economics and Management, vol.7, no.1, pp.143-151, 2017 (Peer-Reviewed Journal)
- VI. A mathematical model for truck-door assignment and product placement problem in cross-docking center
Küçükoğlu İ., Öztürk N.
Global Journal of Business, Economics and Management, vol.7, no.1, pp.135-142, 2017 (Peer-Reviewed Journal)
- VII. A mathematical model for the route optimization of service vehicles
Küçükoğlu İ., Zümbülova D., Reyhan K., Görgülü S., Öztürk N.
Global Journal of Business, Economics and Management, vol.7, no.1, pp.152-158, 2017 (Peer-Reviewed Journal)
- VIII. The Effects of Crossdock Shapes on Material Handling Costs
KÜÇÜKOĞLU İ.
International Journal of Computational Engineering Research, vol.6, no.10, pp.1-5, 2016 (Peer-Reviewed Journal)
- IX. Differential Evolution Algorithm for Gear Ratio Optimization of Vehicles
KÜÇÜKOĞLU İ.
International Journal of Engineering Research and Application, vol.6, no.10, pp.29-33, 2016 (Peer-Reviewed Journal)
- X. Heterojen Filoya Sahip Elektrikli Araçların Rota Optimizasyonu
Küçükoğlu İ., Öztürk N.
CBU Journal of Science, vol.12, no.3, pp.525-533, 2016 (Peer-Reviewed Journal)
- XI. Integrated Emission and Fuel Consumption Calculation Model for Green Supply Chain Management
Aksoy A., Küçükoğlu İ., Ene S., Öztürk N.
PROCEDIA SOCIAL AND BEHAVIORAL SCIENCES, vol.109, no.1, pp.1106-1109, 2014 (Peer-Reviewed Journal)
- XII. A Linear Programming Approach for Parallel Cell Scheduling with Sequence Dependent Setup Times
Yıldız T., Özalp B. T., Küçükoğlu İ., Yurtkuran A., Öztürk N.
AMERICAN JOURNAL OF OPERATIONS RESEARCH, vol.4, no.3, pp.155-163, 2014 (Peer-Reviewed Journal)
- XIII. Simulated Annealing Approach for Transportation Problem of Cross Docking Network Design

- Küçükoğlu İ., Öztürk N.
 PROCEDIA SOCIAL AND BEHAVIORAL SCIENCES, vol.109, no.1, pp.1180-1184, 2014 (Peer-Reviewed Journal)
- XIV. A mathematical model for two dimensional loading problem in cross docking network design
 KÜÇÜKOĞLU İ., AKSOY A., ENE S., ÖZTÜRK N.
 MATHEMATICAL AND COMPUTATIONAL APPLICATIONS, vol.18, no.3, pp.273-282, 2013 (Peer-Reviewed Journal)
- XV. A mathematical model for two dimensional loading problem in cross docking network design
 KÜÇÜKOĞLU İ., AKSOY A., ENE S., ÖZTÜRK N.
 Mathematical Applications, vol.18, no.3, pp.273-282, 2013 (Scopus)
- XVI. A Green Capacitated Vehicle Routing Problem with Fuel Consumption Optimization Model
 Küçükoğlu İ., Ene S., Aksoy A., Öztürk N.
 International Journal of Computational Engineering Research, vol.3, no.7, pp.16-23, 2013 (Peer-Reviewed Journal)
- XVII. A green capacitated vehicle routing problem with fuelconsumption optimization model
 KÜÇÜKOĞLU İ., ENE S., AKSOY A., ÖZTÜRK N.
 International Journal of Computational Engineering Research, vol.3, no.7, pp.16-23, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Binary Satin Bowerbird Optimizer for the SetCovering Problem
 KÜÇÜKOĞLU İ.
 in: Lecture Notes in Management and Industrial Engineering-Industrial Engineering in the Digital Disruption Era,
 Çalışır Fethi, Korhan Orhan, Editor, Springer, Cham, pp.73-86, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. Otomobil Sürücülerinin Zihinsel İş Yüklerinin Araştırılması
 Atıcı-Ulusu H., TAŞKAPILIOĞLU Ö., KÜÇÜKOĞLU İ., İDE D., GÜNDÜZ T.
 29. Ulusal Ergonomi Kongresi, Çanakkale, Turkey, 12 - 14 October 2023
- II. Simulated Annealing for the Traveling Purchaser Problem in Cold Chain Logistics
 Küçükoğlu İ., Cattrysse D., Vansteenwegen P.
 IMSS'23 12th International Symposium on Intelligent Manufacturing and Service Systems, Sakarya, Turkey, 26 - 28 May 2023, pp.259-274
- III. A Tabu Search Algorithm for the Traveling Purchaser Problem with Transportation Time Limit
 Küçükoğlu İ., Vansteenwegen P., Cattrysse D.
 14th International Conference on Computational Logistics, Berlin, Germany, 6 - 08 September 2023, pp.248-259
- IV. Binary Satin Bowerbird Optimizer for the Set Covering Problem
 KÜÇÜKOĞLU İ.
 GJCIE 2019: Global Joint Conference on Industrial Engineering and Its Application Areas, Gazimagusa, Cyprus (Kktc), 2 - 03 September 2019, pp.11
- V. Fabrika İçi Malzeme Tedariği Sisteminin Geliştirilmesi: Bir Otomotiv Yan Sanayi Firmasında Uygulama
 KÜÇÜKOĞLU İ., YAĞMAHAN B., ÇAĞLIYAN M. S., YILDIZ A., AKTOCLUK D.
 7. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Bursa, Turkey, 3 - 05 May 2018
- VI. A Decision Support System for the Order Picking Operations in a Spare Part Warehouse: A Case Study in an Automotive Company
 Atmaca Ö. F., Özsipahi Y., Yaşar A., KÜÇÜKOĞLU İ., İNKAYA T.
 LM-SCM 2018: 16th International Logistics and Supply Chain Congress, Denizli, Turkey, 18 - 20 October 2018, pp.104
- VII. Electromagnetic Field Optimization for Turkey's Transportation Energy Demand Estimation
 YURTKURAN A., KÜÇÜKOĞLU İ.

- EURO 2018: 29th European Conference on Operational Research, Valencia, Spain, 8 - 11 July 2018
- VIII. **Electromagnetic Field Optimization Algorithm for the Photovoltaic Solar Cell Parameter Estimation Problem**
KÜÇÜKOĞLU İ., YURTKURAN A.
EURO 2018: 29th European Conference on Operational Research, Valencia, Spain, 8 - 11 July 2018
- IX. **Fuzzy Multi Criteria Decision Making Approach Integrated Mathematical Model for Examination Timetabling Problem**
KÜÇÜKOĞLU İ., YAĞMAHAN B., YURTKURAN A.
ICAME 2018: International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 27 - 29 June 2018
- X. **A Methodical Model Formulation for the Tool Path Optimization Problem in CNC Machines: A Case Study**
KÜÇÜKOĞLU İ., Balkancioğlu F., Topal E. C., Sayım Ö., GÜNDÜZ T.
ICAME 2018: International Conference on Applied Mathematics in Engineering, Balıkesir, Turkey, 27 - 29 June 2018
- XI. **Two Stage Optimization Approach for Siting Wind-Powered Charging Stations**
KÜÇÜKOĞLU İ., Dewil R., Catrysse D.
ICCE 2018: 16th International Conference on Clean Energy, Gazimagusa, Cyprus (Kktc), 9 - 11 May 2018
- XII. **Comparative Study of Physics-Inspired Meta-Heuristic Algorithms for the Solar Cell Parameter Identification Problem**
YURTKURAN A., KÜÇÜKOĞLU İ.
ICCE 2018: 16th International Conference on Clean Energy, Gazimagusa, Cyprus (Kktc), 9 - 11 May 2018
- XIII. **Elektrkli Kamyonların Rota Optimizasyonunda Kullanılacak Bir Matematiksel Model**
Aksoy A., Ene Yalçın S., Küçükoğlu İ., Öztürk N.
ULTZK 2018: 7. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Bursa, Turkey, 3 - 05 May 2018, pp.1-6
- XIV. **Fabrika İçi Malzeme Tedariği Sisteminin Geliştirilmesi: Bir Otomotiv Yan Sanayi Firmasında Uygulama**
Küçükoğlu İ., Yağmahan B., Çağlıyan M. S., Yıldız A., Aktokluk D.
ULTZK 2018: 7. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Bursa, Turkey, 3 - 05 May 2018, pp.376-383
- XV. **Application of the Artificial Neural Network Method to Detect Defective Assembling Processes by Using a Wearable Technology**
KÜÇÜKOĞLU İ., GÜNDÜZ T., Tokçalar Ö.
ISEAIA2017: 5th International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 1 - 03 November 2017
- XVI. **A Heuristic Approach for the Environmental Charging Station Scheduling Problem**
YURTKURAN A., KÜÇÜKOĞLU İ.
ISEAIA2017: 5th International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 1 - 03 November 2017
- XVII. **A Branch-and-Bound Intagrated Simulated Annealing for the Electric Vehicle Routing Problem with Time Windows**
KÜÇÜKOĞLU İ., Catrysse D.
CIE47: 47th International Conference on Computers and Industrial Engineering, Lisbon, Portugal, 11 - 13 October 2017
- XVIII. **"A Discrete Human Behavior-Based Approach for Vehicle Routing Problem of Multiple Cross-Docking Networks**
Küçükoğlu İ., Öztürk N.
CIE 47, 47th International Conference on Computers Industrial Engineering, Lisbon, Portugal, 11 - 13 October 2017
- XIX. **A Fuzzy C Means Clustering Approach for a Real Life Route Optimization of Service Vehicles**
Küçükoğlu İ., Zümbülöva D., Reyhan K., Görgülü S., Öztürk N.
ISEAIA 2016, 4th International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus

- (Kktc), 2 - 04 November 2016
- XX. **Hybrid Genetic Algorithm for Cross Docking Operations Management**
Küçükoğlu İ., Öztürk N.
ISEAIA 2016, 4th International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus
(Kktc), 2 - 04 November 2016
- XXI. **Web based meta heuristic approach for university timetabling problem**
YURTKURAN A., KÜÇÜKOĞLU İ.
Fourth International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 2 - 04 November 2016
- XXII. **Forecasting for Electric Energy Demand of Turkey by Artificial Neural Networks**
USTA Ö., ENE S., KÜÇÜKOĞLU İ., AKSOY A., ÖZTÜRK N.
ISEAIA 2016: Fourth International Symposium on Engineering, Artificial Intelligence Applications, Girne, Cyprus
(Kktc), 2 - 04 November 2016
- XXIII. **Forecasting the Electric Energy Demand of Turkey by Artificial Neural Networks**
Usta Ö., ENE S., KÜÇÜKOĞLU İ., AKSOY A., ÖZTÜRK N.
The Fourth International Symposium on Engineering, Artificial Intelligence and Applications (ISEAIA 2016), Girne, Cyprus (Kktc), 2 - 04 November 2016, pp.36
- XXIV. **Çoklu Çapraz Sevkiyat Şebekelerinde Araç Rotalama Problemi İçin Geliştirilmiş Matematiksel Model**
Küçükoğlu İ., Öztürk N.
ÜAS 2016: The Symposium on Production Research with International Participation, İstanbul, Turkey, 12 - 14 October 2016
- XXV. **Çoklu Çapraz Sevkiyat Merkezlerinde Araç Rotalama Problemi İçin Geliştirilmiş Matematiksel Model, A Mathematical Model For Vehicle Routing Problem of Multiple Cross-docking Networks**
Küçükoğlu İ., Öztürk N.
ÜAS 2016, Uluslararası Katılımlı 16. Üretim Araştırmaları Sempozyumu, İstanbul, Turkey, 12 - 14 October 2016
- XXVI. **A Mathematical Model Formulation for Vehicle Routing Problem of Electric Vehicles**
Küçükoğlu İ., Öztürk N.
AAT 2016, International Conference on Advances in Automotive Technologies, İstanbul, Turkey, 11 - 14 October 2016
- XXVII. **Gearbox Transmission Ratio Analysis for Fuel Economy on Vehicles**
KÜÇÜKOĞLU İ.
AAT 2016: International Conference on Advances in Automotive Technologies, İstanbul, Turkey, 11 - 14 October 2016
- XXVIII. **Hybrid Multi Criteria Decision Making Approach Based on Fuzzy AHP and Fuzzy TOPSIS Methods for the Stock Area Selection Problem**
KÜÇÜKOĞLU İ., YAĞMAHAN B., ONAYLI A., ÇAYHAN E. D., ÜNAL M.
Proceedings of the Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE 2016), 14 - 15 July 2016
- XXIX. **Three Meta Heuristic Algorithms for Efficient Truck Door Assignment and Product Placement Plans in Cross Docking Centers**
Küçükoğlu İ., Öztürk N.
GJCIE 2016, Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Turkey, 14 - 15 July 2016
- XXX. **Bir Otomotiv İşletmesinde Servis Araçları İçin Rota Optimizasyonu**
Zümbülöva D., Küçükoğlu İ., Reyhan K., Görgülü S., Öztürk N.
YAEM 2016: Yöneylem Araştırması ve Endüstri Mühendisliği 36. Ulusal Kongresi, İzmir, Turkey, 13 - 15 July 2016
- XXXI. **Stok Alanı Seçim ve Yerleşim Problemi İçin Geliştirilmiş Çok Kriterli Karar Verme Yöntemi ve Simülasyon Analizi Bir Uygulama**
ÇAYHAN E. D., ONAYLI A., ÜNAL M., KÜÇÜKOĞLU İ., YAĞMAHAN B.
YA/EM'2016-Yöneylem Araştırması/Endüstri Mühendisliği 36. Ulusal Kongresi, Turkey, 13 - 15 July 2016
- XXXII. **Integrated Optimization for Material Flow and Placement Problem in Cross Docking**

- Küçükoğlu İ., Öztürk N.
EURO 2016, 28th European Conference on Operational Research, Poznan, Poland, 3 - 06 July 2016
- XXXIII. **A mathematical model for truck door assignment and product placement problem in cross docking center**
Küçükoğlu İ., Öztürk N.
WCBEM 2016, 5th World Conference on Business, Economics and Management, Antalya, Turkey, 12 - 14 May 2016
- XXXIV. **Heuristic and genetic algorithm approaches to the real world university examination timetabling problem**
KÜÇÜKOĞLU İ., YURTKURAN A.
5th World Conference on Business, Economics and Management, Antalya, Turkey, 12 - 14 May 2016
- XXXV. **A mathematical model for the route optimization of service vehicles**
Küçükoğlu İ., Zümbülöva D., Reyhan K., Görgülü S., Öztürk N.
WCBEM 2016, 5th World Conference on Business, Economics and Management, Antalya, Turkey, 12 - 14 May 2016
- XXXVI. **Differential Evolution Algorithm To Solve Truck Dock Assignment Problem of Cross Docks**
Küçükoğlu İ., Öztürk N.
ISEAIA 2015, 3rd International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 4 - 06 November 2015
- XXXVII. **Sourcing Decision and Order Allocations with Fuzzy Demand**
Aksoy A., Ene S., Küçükoğlu İ., Öztürk N.
ISEAIA 2015: Third International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 4 - 06 November 2015, pp.31
- XXXVIII. **A Heuristic Algorithm Approach for the Green Vehicle Routing Problem with Cross Docking Center**
Küçükoğlu İ., Öztürk N.
ISEAIA 2015, 3rd International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 4 - 06 November 2015
- XXXIX. **Differential Evolution Algorithm to Solve Truck Door Assignment Problem of Cross Docks**
Küçükoğlu İ., Öztürk N.
ISEAIA 2015: Third International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 4 - 06 November 2015, pp.20
- XL. **Sourcing Decisions and Order Allocation with Fuzzy Demand**
Aksoy A., Ene S., Küçükoğlu İ., Öztürk N.
ISEAIA 2015, 3rd International Symposium on Engineering, Artificial Intelligence and Applications, Girne, Cyprus (Kktc), 4 - 06 November 2015
- XLI. **Discrete Particle Swarm Optimization Algorithm for Truck Door Assignment Problem in Crossdocks**
Küçükoğlu İ., Öztürk N.
LM-SCM 2015, XIII. International Logistics and Supply Chain Congress, İzmir, Turkey, 22 - 23 October 2015
- XLII. **Çapraz Sevkiyat Merkezlerinde Araç-Kapı Atama Problemi İçin Geliştirilmiş Parçacık Süre Optimizasyonu**
Küçükoğlu İ., Öztürk N.
YAEM 2015: Yöneylem Araştırması ve Endüstri Mühendisliği 35. Ulusal Kongresi, Ankara, Turkey, 9 - 11 September 2015
- XLIII. **A Differential Evolution Algorithm for Transportation Problem of Cross-Docking With Heterogeneous Fleet**
Küçükoğlu İ., Öztürk N.
LM-SCM 2014, XII. International Logistics and Supply Chain Congress, İstanbul, Turkey, 30 - 31 October 2014
- XLIV. **Multi Objective Sourcing Strategy design with Order Allocation Model**
ENE S., AKSOY A., KÜÇÜKOĞLU İ., ÖZTÜRK N.
Joint International Symposium on CIE44 and IMSS'14, 14 - 16 October 2014
- XLV. **A Simulated Annealing Algorithm for Vehicle Routing Problem With Cross-Docking**
Küçükoğlu İ., Öztürk N.
CIE'44 IMSS'14, 44th International Conference on Computers Industrial Engineering- 9th International Symposium

- on Intelligent Manufacturing and Service Systems, İstanbul, Turkey, 14 - 16 October 2014
- XLVI. **Çapraz Sevkiyat Şebekesinde Ulaştırma Problemi İçin Geliştirilmiş Tavlama Benzetimi Algoritması**
Küçükoğlu İ., Öztürk N.
YAEM 2014: Yöneylem Araştırması ve Endüstri Mühendisliği 34. Ulusal Kongresi, Bursa, Turkey, 25 - 27 June 2014
- XLVII. **Çapraz Sevkiyat Şebeke Tasarımında Toplam Yakıt Tüketimini Minimize Edecek Araç Seçim Stratejisi**
Küçükoğlu İ., Öztürk N.
OTEKON 2014: 7. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014
- XLVIII. **Heterojen Filolu Yeşil Araç Rotalama Optimizasyonu**
Ene Yalçın S., Küçükoğlu İ., Aksoy A., Öztürk N.
OTEKON 2014: 7. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014
- XLIX. **Simulated annealing approach for transportation problem of cross-docking network design**
KÜÇÜKOĞLU İ., ÖZTÜRK N.
2nd World Conference on Business, Economics and Management (BEM), Antalya, Turkey, 25 - 28 April 2013,
vol.109, pp.1180-1184
- L. **Integrated emission and fuel consumption calculation model for green supply chain management**
AKSOY A., KÜÇÜKOĞLU İ., ENE YALÇIN S., ÖZTÜRK N.
2nd World Conference on Business, Economics and Management (BEM), Antalya, Turkey, 25 - 28 April 2013,
vol.109, pp.1106-1109
- LI. **Yeşil Lojistik Prensiplerine Dayalı Araç Rotalama Optimizasyonu**
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