

Kişisel Bilgiler

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Araştırma Alanları

Doğrusal Programlama, Sezgisel Yöntemler, Tamsayı ve Karışık Tamsayı Programlama, Üretim Planlaması ve Kontrolü, Karar Destek Sistemleri, Tedarik Zinciri ve Lojistik Yönetimi

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Eco-efficiency maturity model: a practical assessment tool for managers**
Gungor B., FELEKOĞLU B., TAŞAN A. S.
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, cilt.25, ss.5087-5121, 2023 (SCI-Expanded)
- II. **An integrated fleet planning model with empty vehicle repositioning for an intermodal transportation system**
BAYKASOĞLU A., DUDAKLI N., SUBULAN K., TAŞAN A. S.
OPERATIONAL RESEARCH, cilt.22, sa.3, ss.2063-2098, 2022 (SCI-Expanded)
- III. **Genetic algorithm based approaches to solve the order batching problem and a case study in a distribution center**
CERGİBOZAN Ç., TAŞAN A. S.
JOURNAL OF INTELLIGENT MANUFACTURING, cilt.33, sa.1, ss.137-149, 2022 (SCI-Expanded)
- IV. **Order batching operations: an overview of classification, solution techniques, and future research**
CERGİBOZAN Ç., TAŞAN A. S.
JOURNAL OF INTELLIGENT MANUFACTURING, cilt.30, sa.1, ss.335-349, 2019 (SCI-Expanded)
- V. **A review of fleet planning problems in single and multimodal transportation systems**
BAYKASOĞLU A., SUBULAN K., TAŞAN A. S., DUDAKLI N.
TRANSPORTMETRICA A-TRANSPORT SCIENCE, cilt.15, sa.2, ss.631-697, 2019 (SCI-Expanded)
- VI. **Modeling and solving assembly line design problems by considering human factors with a real-life application**
BAYKASOĞLU A., ÖZMEHMET TAŞAN S., TAŞAN A. S., DEMİRKOL AKYOL Ş.
HUMAN FACTORS AND ERGONOMICS IN MANUFACTURING & SERVICE INDUSTRIES, cilt.27, sa.2, ss.96-115, 2017 (SCI-Expanded)
- VII. **A fuzzy goal programming model to strategic planning problem of a lead/acid battery closed-loop supply chain**
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- VIII. **A case-oriented approach to a lead/acid battery closed-loop supply chain network design under risk**

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JOURNAL OF MANUFACTURING SYSTEMS, cilt.37, ss.340-361, 2015 (SCI-Expanded)

- IX. **Designing an environmentally conscious tire closed-loop supply chain network with multiple recovery options using interactive fuzzy goal programming**
Subulan K., Taşan A. S., Baykasoğlu A.
Applied Mathematical Modelling, cilt.39, sa.9, ss.2661-2702, 2015 (SCI-Expanded)
- X. **Evaluating the bond strength between concrete substrate and repair mortars with full-factorial analysis**
TOSUN FELEKOĞLU K., FELEKOĞLU B., TAŞAN A. S., FELEKOĞLU B.
COMPUTERS AND CONCRETE, cilt.12, sa.5, ss.651-668, 2013 (SCI-Expanded)
- XI. **Taguchi method for analyzing the tactical planning model in a closed-loop supply chain considering remanufacturing option**
SUBULAN K., TAŞAN A. S.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, cilt.66, ss.251-269, 2013 (SCI-Expanded)
- XII. **REALIZING ARTIFICIAL IMMUNE SYSTEM IN A MULTI AGENT SIMULATION ENVIRONMENT AND AN APPLICATION TO TRAVELLING SALESMEN PROBLEM**
BAYKASOĞLU A., Saltabas A., TAŞAN A. S., SUBULAN K.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.27, sa.4, ss.901-909, 2012 (SCI-Expanded)
- XIII. **A genetic algorithm based approach to vehicle routing problem with simultaneous pick-up and deliveries**
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COMPUTERS & INDUSTRIAL ENGINEERING, cilt.62, sa.3, ss.755-761, 2012 (SCI-Expanded)
- XIV. **Fuzzy mixed integer programming model for medium-term planning in a closed-loop supply chain with remanufacturing option**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **A Hybrid Approach for Delivery Operations: Special Case of Biobjective TRP Considering Environmental Constraints**
Cergibozan Ç., Taşan A. S.
PROELIUM, cilt.8, sa.3, ss.31-41, 2019 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Solving the Linear Ordering Problem Using a Genetic Algorithm with Local Search**
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New Global Perspectives on Industrial Engineering and Management, Josefa Mula, Rafael Barbastefano, Manuel Díaz-Madroñero, Raúl Poler, Editör, Springer International Publishing, ss.135-141, 2019
- II. **Tourist Route Planning with a Metaheuristic Approach**
CERGİBOZAN Ç., TAŞAN A. S.
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- I. **A FUZZY-STOCHASTIC MATHEMATICAL PROGRAMMING APPROACH FOR AN INTEGRATED LOT-SIZING AND SUPPLIER SELECTION PROBLEM WITH QUANTITY DISCOUNTS AND BACKORDERING OPTIONS**
VAROL B., SUBULAN K., TAŞAN A. S.
5th International Conference on Computational Mathematics and Engineering Sciences, Van, Türkiye, 08 Haziran 2021
- II. **A VIKOR-based Approach for Detergent Selection Problem from Sustainability Perspective**
GÜNGÖR B., TAŞAN A. S.
Izmir Democracy University International Engineering Symposium, 12 Aralık 2020
- III. **Factors Affecting the Adoption of Technological Service Innovation**
DÜZENLİ Ö., FELEKOĞLU B., TAŞAN A. S.
25th IJCIEOM - International Joint Conference on Industrial Engineering and Operations Management, 15 - 17 Temmuz 2019
- IV. **Data Analysis for Prediction of Forest Fire**
GÜLEL M., TAŞAN A. S.
25th IJCIEOM - International Joint Conference on Industrial Engineering and Operations Management, 15 - 17 Temmuz 2019
- V. **Vehicle Routing Problem in Bicycle Sharing System**
ÖSKEN Ö., TAŞAN A. S.
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- VI. **Solving the Linear Ordering Problem Using a Genetic Algorithm with Local Search**
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- VII. **Choosing the most effective networking strategy and practice for open innovation**
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- VIII. **Hybrid approach for delivery operations: Special case of biobjective trp considering environmental constraints**
CERGİBOZAN Ç., TAŞAN A. S.
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- IX. **Local search based strategies to solve the order batching problem**
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- X. **Tourist Route Planning with a Metaheuristic Approach**
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- XI. **An ant colony optimization algorithm with dynamic local search for the traveling salesman problem**
CERGİBOZAN Ç., TAŞAN A. S.
The 5th International Symposium on Engineering, Artificial Intelligence Applications (ISEAIA 2017), 1 - 03 Kasım 2017, ss.32
- XII. **A Decision Support System Based on a Fuzzy-Stochastic Mathematical Program for Intermodal Fleet Planning Problems**
BAYKASOĞLU A., SUBULAN K., TAŞAN A. S., DUDAKLI N., TURAN M., ÇELİK E., ÜLKER Ö.
The 5th International Fuzzy Systems Symposium (FUZZYSS'17), Ankara, Türkiye, 14 - 15 Ekim 2017, ss.94

- XIII. **Trafik Etkisini Dikkate Alan Bir Araç Rotalama Problemi**
KÖROĞLU C., TAŞAN A. S.
18. Uluslararası Ekonometri Yöneylem Araştırması ve İstatistik Sempozyumu, 5 - 07 Ekim 2017, ss.229
- XIV. **Performance Evaluation of Ant Colony Optimization Techniques for Tsp**
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18. Uluslararası Ekonometri Yöneylem Araştırması ve İstatistik Sempozyumu, Trabzon, Türkiye, 5 - 07 Ekim 2017, ss.214
- XV. **Variable Neighborhood Search Algorithm for Examining Input-Output Tables in Linear Ordering Problem**
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- XVI. **Hybridization of max min ant system and variable neighbourhood search for the single row facility layout problem**
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29th Conference of the European Chapter on Combinatorial Optimization, Budapest, Macaristan, 26 - 28 Mayıs 2016
- XVII. **Performance Measurement of Total Productive Maintenance in a Production Company**
TAŞAN A. S., BOZTUĞ U. A.
9th International Conference on Industrial Engineering and Industrial Management, XXII International Conference on Industrial Engineering and Operations Management, International IIE Conference 2015, Aveiro, Portekiz, 6 - 08 Temmuz 2015
- XVIII. **A New Mixed Integer Programming Model for Strategic and Tactical Fleet Planning Problems in Intermodal Transportation Networks with a Real Life Application**
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- XIX. **Dağıtıcı rotalama problemi için melez bir metasezgisel algoritma ve örnek bir uygulama**
CERGİBOZAN Ç., TAŞAN A. S.
Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM) 35. Ulusal Kongresi, Ankara, Türkiye, 9 - 11 Eylül 2015
- XX. **A Mathematical Model Proposal for Fleet Planning Problem of a Real Life Intermodal Transportation Network**
DUDAKLI N., BAYKASOĞLU A., SUBULAN K., TAŞAN A. S., KAPLAN M. C., TURAN M.
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- XXI. **Bi objective TSP with Nature Inspired Metaheuristics**
CERGİBOZAN Ç., TAŞAN A. S.
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- XXII. **Stratejik ve Taktiksel Filo Yönetimi Üzerine Literatür Araştırması ve Bir Lojistik Firmasından Uygulama Örnekleri**
BAYKASOĞLU A., DUDAKLI N., SUBULAN K., TAŞAN A. S., KAPLAN M. C., TURAN M.
IV. Ulusal Lojistik ve Tedarikçi Zinciri Kongresi, Gümüşhane, Türkiye, 21 - 23 Mayıs 2015
- XXIII. **A Mathematical Programming Model for Multi Mode Load Planning**
DUDAKLI N., SUBULAN K., BAYKASOĞLU A., TAŞAN A. S.
XVI. International Symposium on Econometrics, Operations Research and Statistics, Türkiye, 7 - 12 Mayıs 2015
- XXIV. **A Genetic Algorithm Based Approach for the Order Batching Problem**
TAŞAN A. S., CERGİBOZAN Ç.
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- XXV. **Hybrid Genetic Algorithm for the Single Row Facility Layout Problem**
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XXVI. OTOMOBİL KABLO DEMETİ ÜRETİMİNDE ERGONOMİK RİSK FAKTÖRLERİNİ DİKKATE ALAN MONTAJ HATTI Dengeleme

BAYKASOĞLU A., DEMİRKOL AKYOL Ş., TAŞAN A. S., ÖZMEHMET TAŞAN S., Çimen T., Özen B., Aktaş N., Tarkı G., Boz O.

19. ULUSAL ERGONOMİ KONGRESİ, Balıkesir, Türkiye, 27 - 29 Eylül 2013, ss.801-808

XXVII. An Ant Colony Optimization Algorithm for Traveling Salesman Problem

CERGİBOZAN Ç., TAŞAN A. S.

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XXVIII. Balancing assembly lines by considering ergonomic risk factors a preliminary case study

BAYKASOĞLU A., DEMİRKOL AKYOL Ş., TAŞAN A. S., ÖZMEHMET TAŞAN S., Aktaş N., Özen B., Boz O., Tarkı G., Çimen T.

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XXIX. A Multiple Objective Mathematical Programming Model for a Closed Loop Supply Chain Network Design under Uncertainty

SUBULAN K., BAYKASOĞLU A., ÖZSOYDAN F. B., TAŞAN A. S., SELİM H.

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XXX. A Hybrid Genetic Algorithm Based Approach for the Economic Lot Scheduling Problem

CERGİBOZAN Ç., TAŞAN A. S.

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XXXI. Otomobil Kablo Ağlarının Üretimi için Ergonomik Faktörleri Göz Önünde Bulunduran Montaj İstasyonu Tasarımı

BAYKASOĞLU A., ÖZMEHMET TAŞAN S., TAŞAN A. S., DEMİRKOL AKYOL Ş., Aktaş N., Özen B., Tarkı G., Boz O.

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XXXII. Klonal Seçim Algoritmasının Etmen Tabanlı Modelleme ve Benzetim Ortamında Realize Edilerek Oryantiring Problemine Uygulanması

BAYKASOĞLU A., SALTABAŞ A., SUBULAN K., TAŞAN A. S.

XII. Üretim Araştırmaları Sempozyumu (ÜAS2012), İzmir, Türkiye, 27 - 29 Eylül 2012, ss.1119-1129

XXXIII. An Application of Eco-Indicator 99 Methodology for Designing a Dynamic Green Tyre Closed-Loop Supply Chain Network with Multiple Recovery Options

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XXXIV. A Hybrid Genetic Algorithm for the Traveling Repairman Problem

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OR54 Operational Research Society Conference, Edinburgh, Saint Helena, 4 - 06 Eylül 2012, ss.82

XXXV. Reverse Logistics Network Design Model for Recycling and Retreading Process of Used Tires

SUBULAN K., TAŞAN A. S.

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XXXVI. Analyzing the effects of scrap, rework, random machine breakdowns and partial backordering on the economic production quantity model using Taguchi method

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XXXVII. Modeling and analyzing of a construction project considering resource allocation through a hybrid methodology: Petri Nets and fuzzy rule based systems

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- XXXVIII. **Modeling Medium Term Planning Problem in a Closed-Loop Supply Chain with Remanufacturing Option via Fuzzy Mixed-Integer Programming**
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- XXXIX. **A Reverse Logistics Network Design Model for Lead/Acid Battery Recycling**
SUBULAN K., TAŞAN A. S.
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- XL. **Akü Üretiminde Tersine Lojistik Faaliyetlerini Dikkate Alarak Orta Dönem Planlama Modelinin Geliştirilmesi**
SUBULAN K., TAŞAN A. S.
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- XLI. **Warm Up Period Determination for a Storage System Simulation Model Focusing on Material Handling Operations**
SUBULAN K., CERGİBOZAN Ç., TAŞAN A. S.
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- XLII. **A Medium Term Planning Model for a Lead/Acid Battery Closed-Loop Supply Chain**
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- XLIII. **A genetic algorithm based approach to vehicle routing problem with simultaneous pick-up and deliveries**
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