

Assoc. Prof. KEMAL SUBULAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-2090-2019

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Yoksis Researcher ID: 202113

Biography

Kemal Subulan, 1987 yılında Alaçatı, İzmir'de doğdu. İzmir Atatürk Anadolu lisesinden 2006 yılında mezun oldu. Lisans eğitimini, Dokuz Eylül Üniversitesi Mühendislik Fakültesi Endüstri Mühendisliği Bölümünde, 2010 yılında mühendislik fakültesi birinciliği ve bölüm birinciliği dereceleri ile tamamladı. 2012 yılında yüksek lisans eğitimini tamamlayarak aynı anabilim dalında doktora programına başladı. Lisans üstü eğitimleri sırasında, TÜBİTAK yurt içi yüksek lisans ve doktora bursu almaya hak kazandı. Birçok uluslararası bilimsel dergi ve hakemli kongrelerde makaleleri yayımlandı. Birçok uluslararası Dergide hakemlik görevinde bulundu. Yaptığı uluslararası bilimsel çalışmalarla TÜBİTAK ve Dokuz Eylül Üniversitesinden yayın teşvik ödülleri almıştır. Çalışma alanları, yöneylem araştırması, lojistik ve tedarik zinciri yönetimi, bulanık mantık, meta-sezgisel algoritmalar ve yapay zeka gibi konular üzerinde yoğunlaşmaktadır. 2020 yılından beri Dokuz Eylül Üniversitesi Endüstri Mühendisliği Bölümünde Doçent Doktor olarak çalışmalarını sürdürmekte olup, aynı zamanda LOGO Yazılım & Netsis Kurumsal Kaynak Planlaması (ERP) laboratuvarının sorumluluğunu üstlenmektedir.

Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2012 - 2016

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2006 - 2010

Dissertations

Doctorate, Fleet planning and network optimization in supply chains under uncertain environments, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2016

Postgraduate, Modelling strategic and tactical planning problems in closed-loop supply chains under crisp and fuzzy environments, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 2012

Research Areas

Industrial Engineering, Stochastic Modeling, Optimization Theory and Methods, Production Planning and Control, Quality and Reliability, Supply Chain and Logistics Management, Engineering and Technology

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2023 - Continues

Courses

Kariyer Planlama, Undergraduate, 2023 - 2024
M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2018 - 2019
M.Sc. Thesis (Güz Yarıyılı), Postgraduate, 2023 - 2024, 2019 - 2020
Kalite Kontrol, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018
Tesis Tasarımı ve Malzeme Aktarma Sistemleri, Undergraduate, 2023 - 2024
İstatistik 1, Undergraduate, 2023 - 2024
Optimization Software, Postgraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020
Seminer, Undergraduate, 2023 - 2024, 2022 - 2023
Bitirme Projesi, Undergraduate, 2023 - 2024, 2022 - 2023
M.Sc. Thesis, Postgraduate, 2022 - 2023, 2021 - 2022, 2018 - 2019
M.Sc. Seminar, Postgraduate, 2021 - 2022, 2018 - 2019
Bitirme Projesi, Undergraduate, 2021 - 2022
Kalite Planlama ve Kontrol, Undergraduate, 2021 - 2022
Tesis Tasarımı ve Malzeme Aktarma Sistemleri, Undergraduate, 2022 - 2023
İstatistik - 1, Undergraduate, 2022 - 2023
Seminer, Undergraduate, 2021 - 2022
Bitirme Projesi, Undergraduate, 2021 - 2022
Thesis, Postgraduate, 2020 - 2021
Seminar, Postgraduate, 2020 - 2021
Research, Postgraduate, 2020 - 2021
Bitirme Projesi (Güz Yarıyılı), Undergraduate, 2019 - 2020, 2018 - 2019
M.Sc. Research (Bahar Yarıyılı), Postgraduate, 2019 - 2020
M.Sc. Research (Güz Yarıyılı), Postgraduate, 2019 - 2020
M.Sc. Thesis (Bahar Yarıyılı), Postgraduate, 2019 - 2020
Kurumsal Kaynak Planlaması (Bahar Yarıyılı), Undergraduate, 2019 - 2020, 2018 - 2019
Kurumsal Kaynak Planlaması (Güz Yarıyılı), Undergraduate, 2019 - 2020, 2018 - 2019
Seminer (Güz Yarıyılı), Undergraduate, 2019 - 2020, 2018 - 2019
Bitirme Projesi (Bahar Yarıyılı), Undergraduate, 2019 - 2020, 2018 - 2019
M.Sc. Seminar (Güz Yarıyılı), Postgraduate, 2019 - 2020
İstatistik 1, Undergraduate, 2019 - 2020, 2018 - 2019
Seminer (Bahar Yarıyılı), Undergraduate, 2019 - 2020, 2018 - 2019
Kurumsal Kaynak Planlaması, Undergraduate, 2017 - 2018

Advising Theses

Subulan K., An integrated fleet sizing/composition and mix vehicle routing problem under uncertainty with an application in a partial freight transportation company, Postgraduate, M.Yıldız(Student), Continues

Subulan K., Multiple Objective Optimization Approach for Turkish Navy Personnel Planning Problem, Postgraduate,

C.Can(Student), Continues

Subulan K., An Optimization and Simulation-based Solution Approach for An Integrated Stock Allocation and Material Transfer Planning Problem in Warehouse of a White Appliance Manufacturing Company, Postgraduate, T.Yayıkçı(Student), Continues

Subulan K., Application of the Resource-Constrained Project Scheduling and Planning Problems in the Production of Seismic Isolators Using Mathematical Programming Approach, Postgraduate, A.WARIS(Student), 2023

Subulan K., Stokastik makine güvenilirliği ve bulanık talep bilgisi altında eşit olmayan alanlı departmanları içeren yetenek tabanlı dağıtık yerleşim düzeni tasarımı, Postgraduate, B.VAROL(Student), 2022

Subulan K., Bulanık-stokastik ortamlarda çok amaçlı ve çok modlu bir kaynak yatırımlı proje çizelgeleme problemi için kısıt programlama tabanlı bir dönüştürme yaklaşımı, Postgraduate, G.ÇAKIR(Student), 2021

Jury Memberships

Post Graduate, Post Graduate, Manisa Celal Bayar Üniversitesi, December, 2023

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, September, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Designing robust capability-based distributed machine layouts with random machine availability and fuzzy demand/process flow information**
Subulan K., Varol B., Baykasoğlu A.
SOFT COMPUTING, pp.1-39, 2024 (SCI-Expanded)
- II. **A case-oriented computational study for sustainable fleet planning in a battery closed-loop supply chain network under uncertainty**
Subulan K., Baykasoğlu A.
Engineering Computations (Swansea, Wales), vol.40, no.7-8, pp.1947-2008, 2023 (SCI-Expanded)
- III. **Unequal-area capability-based facility layout design problem with a heuristic decomposition-based iterative mathematical programming approach**
SUBULAN K., Varol B., BAYKASOĞLU A.
Expert Systems with Applications, vol.214, 2023 (SCI-Expanded)
- IV. **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, vol.22, no.3, pp.2063-2098, 2022 (SCI-Expanded)
- V. **Capability-based machine layout with a matheuristic-based approach**
BAYKASOĞLU A., SUBULAN K., Hamzadayı A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.198, 2022 (SCI-Expanded)
- VI. **A comparative study of modeling and solution approaches for the multi-mode resource-constrained discrete time–cost trade-off problem: Case study of an ERP implementation project**
Çakır G., Subulan K., Yıldız Ş. A., Hamzadayı A., Asilkefeli C.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.169, pp.1-27, 2022 (SCI-Expanded)
- VII. **Constraint programming-based transformation approach for a mixed fuzzy-stochastic resource investment project scheduling problem**
SUBULAN K., Cakir G.
SOFT COMPUTING, vol.26, no.5, pp.2523-2560, 2022 (SCI-Expanded)
- VIII. **Capability-based distributed layout formation with or without demand and process flow information**
BAYKASOĞLU A., SUBULAN K.
APPLIED SOFT COMPUTING, vol.94, 2020 (SCI-Expanded)
- IX. **An interval-stochastic programming based approach for a fully uncertain multi-objective and multi-**

mode resource investment project scheduling problem with an application to ERP project implementation

SUBULAN K.

EXPERT SYSTEMS WITH APPLICATIONS, vol.149, 2020 (SCI-Expanded)

- X. **Scheduling multi-objective enterprise resource planning implementation projects under human resource constraints and uncertainty**
SUBULAN K.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.3, pp.1469-1485, 2020 (SCI-Expanded)
- XI. **Revenue management for make-to-order manufacturing systems with a real-life application**
BAYKASOĞLU A., SUBULAN K., Gucdemir H., DUDAKLI N., EREN AKYOL D.
ENGINEERING ECONOMIST, vol.65, no.1, pp.27-65, 2020 (SCI-Expanded)
- XII. **A fuzzy-stochastic optimization model for the intermodal fleet management problem of an international transportation company**
BAYKASOĞLU A., SUBULAN K.
TRANSPORTATION PLANNING AND TECHNOLOGY, vol.42, no.8, pp.777-824, 2019 (SCI-Expanded)
- XIII. **A direct solution approach based on constrained fuzzy arithmetic and metaheuristic for fuzzy transportation problems**
BAYKASOĞLU A., SUBULAN K.
SOFT COMPUTING, vol.23, no.5, pp.1667-1698, 2019 (SCI-Expanded)
- XIV. **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, vol.15, no.2, pp.631-697, 2019 (SCI-Expanded)
- XV. **Process mining based approach to performance evaluation in computer-aided examinations**
BAYKASOĞLU A., Ozbel B. K., DUDAKLI N., SUBULAN K., Senol M. E.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, no.5, pp.1841-1861, 2018 (SCI-Expanded)
- XVI. **Constrained fuzzy arithmetic approach to fuzzy transportation problems with fuzzy decision variables**
BAYKASOĞLU A., SUBULAN K.
EXPERT SYSTEMS WITH APPLICATIONS, vol.81, pp.193-222, 2017 (SCI-Expanded)
- XVII. **Metaheuristic-based simulation optimization approach to network revenue management with an improved self-adjusting bid price function**
SUBULAN K., BAYKASOĞLU A., EREN AKYOL D., YILDIZ G.
ENGINEERING ECONOMIST, vol.62, no.1, pp.3-32, 2017 (SCI-Expanded)
- XVIII. **A multi-objective sustainable load planning model for intermodal transportation networks with a real-life application**
BAYKASOĞLU A., SUBULAN K.
TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW, vol.95, pp.207-247, 2016 (SCI-Expanded)
- XIX. **A NEW MATHEMATICAL PROGRAMMING MODEL FOR LOAD PLANNING PROBLEMS IN INTERMODAL LOGISTICS NETWORKS**
Baykasoğlu A., Subulan K.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.2, pp.383-394, 2016 (SCI-Expanded)
- XX. **A new fuzzy linear assignment method for multi-attribute decision making with an application to spare parts inventory classification**
BAYKASOĞLU A., SUBULAN K., Karaslan F. S.
APPLIED SOFT COMPUTING, vol.42, pp.1-17, 2016 (SCI-Expanded)
- XXI. **A NEW MATHEMATICAL PROGRAMMING MODEL FOR LOAD PLANNING PROBLEMS IN INTERMODAL LOGISTICS NETWORKS**
BAYKASOĞLU A., SUBULAN K.

- JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.2, pp.383-394, 2016 (SCI-Expanded)
- XXII. **An analysis of fully fuzzy linear programming with fuzzy decision variables through logistics network design problem**
BAYKASOĞLU A., SUBULAN K.
KNOWLEDGE-BASED SYSTEMS, vol.90, pp.165-184, 2015 (SCI-Expanded)
- XXIII. **A case-oriented approach to a lead/acid battery closed-loop supply chain network design under risk and uncertainty**
SUBULAN K., BAYKASOĞLU A., ÖZSOYDAN F. B., TAŞAN A. S., SELİM H.
JOURNAL OF MANUFACTURING SYSTEMS, vol.37, pp.340-361, 2015 (SCI-Expanded)
- XXIV. **A fuzzy goal programming model to strategic planning problem of a lead/acid battery closed-loop supply chain**
SUBULAN K., TAŞAN A. S., BAYKASOĞLU A.
JOURNAL OF MANUFACTURING SYSTEMS, vol.37, pp.243-264, 2015 (SCI-Expanded)
- XXV. **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, vol.39, no.9, pp.2661-2702, 2015 (SCI-Expanded)
- XXVI. **An improved decoding procedure and seeker optimization algorithm for reverse logistics network design problem**
SUBULAN K., BAYKASOĞLU A., Saltabas A.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.27, no.6, pp.2703-2714, 2014 (SCI-Expanded)
- XXVII. **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, vol.66, pp.251-269, 2013 (SCI-Expanded)
- XXVIII. **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, vol.27, no.4, pp.901-909, 2012 (SCI-Expanded)
- XXIX. **A feasibility study using simulation-based optimization and Taguchi experimental design method for material handling-transfer system in the automobile industry**
SUBULAN K., ÇAKMAKÇI M.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.59, pp.433-443, 2012 (SCI-Expanded)
- XXX. **Fuzzy mixed integer programming model for medium-term planning in a closed-loop supply chain with remanufacturing option**
SUBULAN K., TAŞAN A. S., BAYKASOĞLU A.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.23, no.6, pp.345-368, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **An interval programming based approach for fully uncertain resource-constrained project scheduling problem considering project manager's attitude toward risk**
SUBULAN K.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.25, no.4, pp.481-497, 2019 (ESCI)
- II. **İntermodal taşımacılık sistemlerinde filo yönetimi**

Books & Book Chapters

- I. **An Improved Extension of Weighted Hierarchical Fuzzy Axiomatic Design: Sustainable Route Selection Problem in Intermodal Transportation Networks**
SUBULAN K., BAYKASOĞLU A.
in: Sustainable Production and Logistics, Özceylan, Eren; M. Gupta, Surendra, Editor, CRC Press, Boca Raton, pp.321-357, 2021
- II. **Development of a web-based decision support system for strategic and tactical sustainable fleet management problems in intermodal transportation networks**
Subulan K.
in: Lean and Green Supply Chain Management: Optimization Models and Algorithms, Turan Paksoy, Gerhard-Wilhelm Weber, Sandra Huber, Editor, Springer, London/Berlin, Berlin, pp.189-230, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **A fuzzy-stochastic programming approach for a resource-constrained project scheduling problem in the production of seismic isolators**
Subulan K., Waris Shafique A.
International IDU Engineering Symposium, İzmir, Turkey, 15 - 17 November 2023, pp.2
- II. **Compromise Programming Approach for a Novel Capability-Based Course Timetabling Problem with an Application to DEU Industrial Engineering Department**
Subulan K.
IES'23 International Engineering Symposium, İzmir, Turkey, 15 - 17 November 2023, pp.36-37
- III. **A Multiple Objective Optimization Model for a Novel Capability-Based University Course Timetabling Problem: A Case Study at Deu Industrial Engineering Department**
Subulan K., Gürsaç A.
12th International Statistics Days Conference, 13 -16 October 2022, İzmir, Turkey, 13 - 16 October 2022, pp.4
- IV. **Capability-Based Facility Layout Design with Unequal-Area Departments**
Varol B., Subulan K., Baykasoğlu A.
12th Annual International Conference on Industrial Engineering and Operations Management, İstanbul, Turkey, 7 - 10 March 2022, no.936, pp.4789-4790
- V. **Sizing of Raw Materials in a Corrugated Cardboard Box Manufacturing Company via Simulated Annealing Incorporating Integer Linear Programming**
Sipahi I., Baykasoğlu A., Subulan K.
12th Annual International Conference on Industrial Engineering and Operations Management, İstanbul, Turkey, 7 - 10 March 2022, no.937, pp.4791-4792
- VI. **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, Turkey, 08 June 2021
- VII. **MULTI-OBJECTIVE FUZZY-STOCHASTIC GOAL PROGRAMMING MODEL FOR FLEXIBLE JOB SHOP SCHEDULING WITH SEQUENCE-DEPENDENT SETUP TIMES**
VAROL B., SUBULAN K.
5th International Conference on Computational Mathematics and Engineering Sciences, Van, Turkey, 08 June 2021
- VIII. **Designing dartboards with genetic algorithms**
Varol B., BAYKASOĞLU A., SUBULAN K.

International Engineering Symposium (IES20), İzmir, Turkey, 10 December 2020, pp.173

- IX. **A constraint programming-based transformation approach for a fuzzystochastic resource investment project scheduling problem with an application to ERP project management**
SUBULAN K., Çakır G.
International Engineering Symposium (IES20), İzmir, Turkey, 10 December 2020, pp.180-181
- X. **Capability-based distributed layout design with random machine availability and fuzzy demand/process flow data**
SUBULAN K., Varol B., BAYKASOĞLU A.
International Engineering Symposium (IES20), İzmir, Turkey, 10 December 2020, pp.171-172
- XI. **Constraint programming approach for a multi-mode resource-constrained discrete time-cost tradeoff problem**
Çakır G., Asilkefeli C., Yildiz Ş. A., Subulan K.
IES-2020, International Engineering Symposium , Engineering Applications in Industry,, İzmir, Turkey, 10 - 13 December 2020, pp.176
- XII. **Integrating Closed-Loop Supply Chain Network Design and Planning with Vehicle Fleet Management Issues**
SUBULAN K.
International Design and Engineering Symposium (IDES'19), İzmir, Turkey, 10 - 12 October 2019, pp.380-387
- XIII. **Capability-based distributed layout design with demand and process flow information**
BAYKASOĞLU A., SUBULAN K.
International Design and Engineering Symposium Sustainability, Innovation, Production, İzmir, Turkey, 10 - 12 October 2019, pp.373-379
- XIV. **Fuzzy Axiomatic Design Methodology for Selection of Routing Alternatives in Intermodal Transportation**
BAYKASOĞLU A., SUBULAN K., Şiker G., Atik S.
FUZZYSS'17: 5th International Fuzzy Systems Symposium, 14 - 15 October 2017, pp.95
- XV. **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, Turkey, 14 - 15 October 2017, pp.94
- XVI. **Simulation Optimization Approach to a Real-Life Make-to-Order Revenue Management System of a Wedding Gown Manufacturing Company**
SUBULAN K., BAYKASOĞLU A., GÜÇDEMİR H., DUDAKLI N.
2nd International Conference on Economics Business Management and Social Sciences (ICEBSS 2017), Belgrade, Serbia, 10 - 14 May 2017, pp.7
- XVII. **Fully Uncertain Resource-Constrained Project Scheduling Problem via Interval Programming: A Real-Life Application in a LNG Storage Tank Construction**
SUBULAN K.
2nd International Conference on Economics Business Management and Social Sciences (ICEBSS 2017), Belgrade, Serbia, 10 - 14 May 2017, pp.8
- XVIII. **A New Intermodal Fleet Planning Model via Hybrid Fuzzy-Stochastic Mathematical Programming Method**
SUBULAN K., BAYKASOĞLU A.
International Workshop on Mathematical Methods in Engineering (MME 2017), Ankara, Turkey, 27 - 29 April 2017, pp.123-124
- XIX. **A Novel Constrained Fuzzy Arithmetic Based Approach for Designing a Reverse Supply Chain Network with Fuzzy Decision Variables**
SUBULAN K.
International Workshop on Mathematical Methods in Engineering (MME 2017), Ankara, Turkey, 27 - 29 April 2017, pp.124
- XX. **A novel constrained fuzzy arithmetic based decoding procedure for direct solution of fully fuzzy**

transportation problems

BAYKASOĞLU A., SUBULAN K.

FUZZYSS'15: 4th International Fuzzy Systems Symposium, 5 - 06 November 2015, pp.194-203

- XXI. **A New Mixed Integer Programming Model for Strategic and Tactical Fleet Planning Problems in Intermodal Transportation Networks with a Real Life Application**
BAYKASOĞLU A., SUBULAN K., DUDAKLI N., TAŞAN A. S., Kaplan M. C., Turan M.
XIII. International Logistics and Supply Chain Congress, İzmir, Turkey, 22 - 23 October 2015, pp.637-648
- XXII. **Production planning with pricing and due date considerations**
BAYKASOĞLU A., EREN AKYOL D., Ecem P., SUBULAN K.
XIII. International Logistics and Supply Chain Congress, 22 - 23 October 2015, pp.397-403
- XXIII. **Nakliye Komisyonculuğu Bakış Açısıyla Çok Amaçlı Çok Modlu Periyodik Yük Planlama Problemi için Bir Matematiksel Programlama Modeli**
BAYKASOĞLU A., SUBULAN K., ŞAHİNKAYA N.
Uluslararası Katılımlı 15. Üretim Araştırmaları Sempozyumu (ÜAS 2015), İzmir, Turkey, 14 - 16 October 2015, pp.1-10
- XXIV. **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.
International Conference on Operations Research (OR 2015), Vienna, Austria, 1 - 04 September 2015
- XXV. **A constrained fuzzy arithmetic based approach to transshipment problem with fuzzy decision variables**
SUBULAN K., BAYKASOĞLU A.
OR2015: International Conference on Operations Research, 1 - 04 September 2015, pp.39
- XXVI. **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, Turkey, 21 - 23 May 2015
- XXVII. **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, Turkey, 7 - 12 May 2015
- XXVIII. **A Simulation Optimization Approach for Self-Adjusting Bid Prices of a Network Revenue Management Considering Booking Cancellations and Firms Competition**
SUBULAN K., YILDIZ G., EREN AKYOL D., BAYKASOĞLU A.
20th Conference of the International Federation of Operational Research Societies, 13 - 18 July 2014
- XXIX. **Fully Fuzzy Linear Assignment Method for MADM Problems**
BAYKASOĞLU A., SUBULAN K., MADENOĞLU F. S.
Yöneylem Araştırması ve Endüstri Mühendisliği 34. Ulusal Kongresi (YAEM 2014), Bursa, Turkey, 25 - 27 June 2014, pp.181
- XXX. **Constrained Fuzzy Arithmetic Approach for Fully Fuzzy Transportation Problems**
SUBULAN K., BAYKASOĞLU A.
Yöneylem Araştırması ve Endüstri Mühendisliği 34. Ulusal Kongresi (YAEM 2014), Bursa, Turkey, 25 - 27 June 2014, pp.66-67
- XXXI. **Designing Reverse Logistics Networks in a Fully Fuzzy Environment**
BAYKASOĞLU A., SUBULAN K.
The 3rd International Fuzzy Systems Symposium (FUZZYSS'13), İstanbul, Turkey, 24 - 25 October 2013, pp.115-120
- XXXII. **Swarm Intelligence Approaches to A Reverse Logistics Network Design Problem: Seeker Optimization Algorithm versus Particle Swarm Optimization Algorithm**
SUBULAN K., SALTABAŞ A., BAYKASOĞLU A.
26th European Conference on Operational Research (EURO/INFORMS2013), Roma, Italy, 1 - 04 July 2013, pp.366
- XXXIII. **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.

International IIE Conference - Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM) 33. Ulusal Kongresi, İstanbul, Turkey, 26 - 28 June 2013

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

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

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