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Eğitim Bilgileri

Lisans, Çankaya Üniversitesi, Hukuk Fakültesi, Türkiye 2016 - 2020

Doktora, Georgia Institute of Technology, School Of Industrial And Systems Engineering , Industrial And Systems Engineering , Amerika Birleşik Devletleri 2002 - 2007

Yüksek Lisans, Georgia Institute of Technology, School of Industrial And Systems Engineering , Industrial And Systems Engineering , Amerika Birleşik Devletleri 2004 - 2005

Yüksek Lisans, Georgia Institute of Technology, School of Industrial And Systems Engineering , Industrial And Systems Engineering , Amerika Birleşik Devletleri 2002 - 2004

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Türkiye 1998 - 2002

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, OPTIMIZING DEMAND MANAGEMENT IN STOCHASTIC SYSTEMS TO IMPROVE FLEXIBILITY AND PERFORMANCE, Georgia Institute of Technology, School Of Industrial And Systems Engineering , 2007

Araştırma Alanları

Olasılıklı (Stokastik) Süreçler, Eniyileme Kuramı ve Yöntemleri, Envanter Sistemleri , Tesis Yerleşim ve Tasarımı , Mühendislik Ekonomisi, Finansal Modeller ve Uygulamaları

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2019 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2015 - 2019

Yönetilen Tezler

- Duran S., Bakal İ. S., The extent and limitations of managerial accounting function within ERP systems, Yüksek Lisans, M.HARMAN(Öğrenci), 2022
- DURAN S., E-ticaret ortamında uygulanabilir teslimat süresi belirleme politikalarının karşılaştırılması, Yüksek Lisans, E.Altuntaş(Öğrenci), 2019
- DURAN S., Tıbbi teşhis problemleri için UTADIS temelli çok amaçlı evrimsel algoritmalar., Doktora, H.Şahin(Öğrenci), 2019
- DURAN S., Ürüne tahsisli, değişken üniteli, çoklu ürün içeren satış otomatları için optimum operasyon politikaları, Yüksek Lisans, H.Şahin(Öğrenci), 2019
- DURAN S., Scheduling for home energy management system, Yüksek Lisans, H.MERDANOĞLU(Öğrenci), 2018
- DURAN S., Parameter estimators in Phase I and performance of individuals chart, Yüksek Lisans, M.ATALAY(Öğrenci), 2016
- DURAN S., Prepositioning of relief items in humanitarian logistics considering lateral transshipment opportunities, Yüksek Lisans, S.BAŞKAYA(Öğrenci), 2015
- DURAN S., İYİGÜN C., The valuation of government guarantees provided for municipalities, Yüksek Lisans, M.ESAT(Öğrenci), 2015
- DURAN S., Humanitarian logistics: Pre-positioning of relief items in Istanbul, Yüksek Lisans, A.SİNEM(Öğrenci), 2014
- DURAN S., Margin call risk management with futures and options, Yüksek Lisans, M.ALIRAVCI(Öğrenci), 2013
- DURAN S., Pre-positioning disaster response facilities and relief items considering probabilistic constraints: A case study on Istanbul region, Yüksek Lisans, Ç.RENKLİ(Öğrenci), 2013
- DURAN S., Management of bundled tickets in sports and entertainment industry, Doktora, E.YAKICI(Öğrenci), 2013
- DURAN S., Dynamic switching times for season and single tickets in sports and entertainment with time dependent demand rates, Yüksek Lisans, Y.KENAN(Öğrenci), 2011
- DURAN S., The effects of natural disaster trends on the pre-positioning implementation in humanitarian logistics networks, Yüksek Lisans, M.BOZKURT(Öğrenci), 2011
- DURAN S., Integrated risk management applications in offshore windfarm construction, Yüksek Lisans, T.PELİN(Öğrenci), 2011
- DURAN S., BAKAL İ. S., Tactical inventory and backorder decisions for systems with predictable production yield, Yüksek Lisans, T.MART(Öğrenci), 2010

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A multi-objective approach in expanding the pre-positioning warehouse networks in humanitarian logistics**
Yakici E., Karatas M., Duran S.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, cilt.15, sa.1, ss.67-102, 2021 (SCI-Expanded)
- II. **Finding optimal schedules in a home energy management system**
Merdanoglu H., Yakici E., Dogan O. T., DURAN S., Karatas M.
ELECTRIC POWER SYSTEMS RESEARCH, cilt.182, 2020 (SCI-Expanded)
- III. **Patient classification considering the risk of restenosis after coronary stent placement**
Sahin H., DURAN S., Yakici E., Sahin M.
JOURNAL OF HEURISTICS, cilt.25, ss.703-729, 2019 (SCI-Expanded)
- IV. **Guidelines for automating Phase I of control charts by considering effects on Phase-II performance of individuals control chart**
Atalay M., TESTİK M. C., DURAN S., Weiss C. H.
QUALITY ENGINEERING, cilt.32, sa.2, ss.223-243, 2019 (SCI-Expanded)

- V. **Cyclic ordering policies from capacitated suppliers under limited cycle time**
EKİCİ A., Ozener O. O., DURAN S.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.128, ss.336-345, 2019 (SCI-Expanded)
- VI. **Pre-positioning of relief items in humanitarian logistics considering lateral transshipment opportunities**
BASKAYA S., Ertem M. A., Duran S.
SOCIO-ECONOMIC PLANNING SCIENCES, cilt.57, ss.50-60, 2017 (SCI-Expanded)
- VII. **Pre-Positioning Disaster Response Facilities and Relief Items**
RENKLİ C., DURAN S.
HUMAN AND ECOLOGICAL RISK ASSESSMENT, cilt.21, sa.5, ss.1169-1185, 2015 (SCI-Expanded)
- VIII. **League scheduling and game bundling in sports industry**
DURAN S., Ozener O. O., Yakici E.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.74, ss.92-101, 2014 (SCI-Expanded)
- IX. **Selection of event tickets for bundling in sports and entertainment industry**
YAKICI E., Ozener O. O., DURAN S.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.74, ss.257-269, 2014 (SCI-Expanded)
- X. **Tactical inventory and backorder decisions for systems with predictable production yield**
MART T., Duran S., Bakal I. S.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.143, sa.2, ss.294-303, 2013 (SCI-Expanded)
- XI. **Effects of Natural Disaster Trends: A Case Study for Expanding the Pre-Positioning Network of CARE International**
BOZKURT M., DURAN S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, cilt.9, sa.8, ss.2863-2874, 2012 (SCI-Expanded)
- XII. **Dynamic switching times from season to single tickets in sports and entertainment**
Duran S., Swann J. L., Yakici E.
OPTIMIZATION LETTERS, cilt.6, sa.6, ss.1185-1206, 2012 (SCI-Expanded)
- XIII. **Dynamically Switching among Bundled and Single Tickets with Time-Dependent Demand Rates**
Duran S., PAKYARDIM Y. K.
MATHEMATICAL PROBLEMS IN ENGINEERING, 2012 (SCI-Expanded)
- XIV. **Pre-Positioning of Emergency Items for CARE International**
Duran S., Gutierrez M. A., Keskinocak P.
INTERFACES, cilt.41, sa.3, ss.223-237, 2011 (SCI-Expanded)
- XV. **Policies utilizing tactical inventory for service-differentiated customers**
Duran S., Liu T., Simchi-Levi D., Swann J. L.
OPERATIONS RESEARCH LETTERS, cilt.36, sa.2, ss.259-264, 2008 (SCI-Expanded)
- XVI. **Optimal timing of switches between product sales for sports and entertainment tickets**
Drake M. J., DURAN S., Griffin P. M., Swann J. L.
NAVAL RESEARCH LOGISTICS, cilt.55, sa.1, ss.59-75, 2008 (SCI-Expanded)
- XVII. **Optimal production and inventory policies of priority and price-differentiated customers**
Duran S., LIU T., SIMCHI-LEVI D., Swann J. L.
IIE TRANSACTIONS, cilt.39, sa.9, ss.845-861, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **İstanbul'da Deprem Yardım Malzemelerinin Önceden Konumlandırılması**
Konu A. S., Duran S., Yakıcı E.
Verimlilik Dergisi, cilt.1, sa.1, ss.141-159, 2018 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Humanitarian Logistics: Advanced Purchasing and Pre-Positioning of Relief Items**
DURAN S., ERGUN Ö., Keskinocak P., Swann J. L.
Handbook of Global Logistics Transportation in International Supply Chains, James H. Bookbinder, Editör,
Springer, New York, ss.447-462, 2013

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Cloud-based Optimal Energy Scheduling of Photovoltaics and Electric Vehicle-integrated Community Microgrids**
Zehir M. A., Tufan Dogan O., Merdanoglu H., Yakici E., Duran S., Can Akyildirim H.
4th IEEE Global Power, Energy and Communication Conference, GPECOM 2022, Cappadocia, Türkiye, 14 - 17
Haziran 2022, ss.535-540
- II. **Patient Classification Considering the Risk of Restenosis After Coronary Stent Placement**
ŞAHİN H., DURAN S., YAKICI E., ŞAHİN M.
YAEM 2019, Türkiye, 12 - 14 Haziran 2019
- III. **Operation Policies for Multi-Item Vendor Machines**
YAKICI E., Merdanoğlu H., Doğan O. T., DURAN S.
4th International Researchers, Statisticians and Young Statisticians Conference, 28 - 30 Nisan 2018
- IV. **Assessing In-stent-restenosis Risks of Patients After Coronary Stent Placement**
halenur Ş., DURAN S., YAKICI E.
INFORMS Annual Meeting 2017, 22 - 25 Ekim 2017
- V. **Classification of Patients According to Their Risks of Restenosis using Multi Criteria Classification Models and Regression Techniques**
HALENUR Ş., DURAN S., YAKICI E.
International Researchers, Statisticians and Young Statisticians Congress 2017, Konya, Türkiye, 24 - 26 Mayıs 2017
- VI. **A Multi-level Continuous Minimax Location Problem with Regional Demand**
FARIDYAHYAEI A., TURAL M. K., DURAN S.
International Workshop on Mathematical Methods in Engineering, 27 - 29 Nisan 2017
- VII. **Humanitarian Logistics Pre Positioning of Relief Items in Istanbul**
DURAN S., KONU S., Yakici E.
Informs Annual Meeting, 1 - 04 Kasım 2015
- VIII. **Pre-positioning disaster response facilities and relief items**
Renkli C., DURAN S.
4th International Conference on Risk Analysis and Crisis Response, RACR 2013, İstanbul, Türkiye, 27 - 29 Ağustos
2013, ss.673-679
- IX. **Switching Times from Season to Single Tickets**
Yakici E., DURAN S.
Annual International Conference of the German-Operations-Research-Society (GOR), Neubiberg, Almanya, 1 - 03
Eylül 2010, ss.137-142

Desteklenen Projeler

DURAN S., Yükseköğretim Kurumları Destekli Proje, Spor Ve Eğlence Sektöründe Birden Fazla Organizasyonun Paket Halinde Satılma Methodları, 2011 - 2011

Metrikler

Yayın: 28

Atıf (WoS): 462

Atıf (Scopus): 545

H-İndeks (WoS): 8

H-İndeks (Scopus): 10

Akademi Dışı Deneyim

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