

Res. Asst. PhD ECE ARZU YILDIZ

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 2013 - 2019

Post Graduate, Tobb University Of Economics And Technology, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2010 - 2013

Under Graduate, Tobb University Of Economics And Technology, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 2005 - 2009

Dissertations

Doctorate, İki aşamalı yer seçimi ve eş-zamanlı topla dağıt araç rotalama problemleri ve çözüm yaklaşımları, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 2019

Post Graduate, Sağlık sistemlerinde gerçek zamanlı ekipman takibinin katkı analizi ve ekipman seçim algoritması, Tobb University Of Economics And Technology, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2013

Research Areas

Optimization Theory and Methods, Simulation, Supply Chain and Logistics Management

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2012 - Continues

Research Assistant, Tobb University Of Economics And Technology, Faculty Of Engineering, Department Of Industrial Engineering, 2010 - 2012

Research Assistant, Ihsan Dogramaci Bilkent University, Faculty Of Engineering, Department Of Industrial Engineering, 2009 - 2010

Professional Experience

Program Koordinatörü, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2020 - Continues

Courses

Simulation, Under Graduate, 2019 - 2020, 2020 - 2021

Probability, Under Graduate, 2019 - 2020, 2020 - 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A mixed integer mathematical model and a heuristic approach for two echelon location routing problem with simultaneous pickup and delivery**
Yıldız E. A. , Karaođlan İ., Altıparmak F.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.36, no.2, pp.807-822, 2021 (Journal Indexed in SCI Expanded)
- II. **A mobile asset sharing policy for hospitals with real time locating systems**
Demircan-Yıldız E. A. , FESCİOđLU-ÜNVER N.
TECHNOLOGY AND HEALTH CARE, vol.24, no.1, pp.121-133, 2016 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Two echelon location routing problem with simultaneous pickup and delivery: mixed integer programming formulations and comparative analysis**
YILDIZ E. A. , KARAOđLAN İ., ALTIPARMAK F.
in: Lecture Notes on Computer Science, 7th International Conference on Computational Logistics,, Editor, Springer, pp.275-289, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **MOBILE HEALTHCARE SERVICE ROUTING AND SCHEDULING PROBLEM: A CASE STUDY IN ANKARA AKKUŞ İ., YILDIZ E. A. , KARAOđLAN İ., ALTIPARMAK F.**
ISMSIT 2020 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, Turkey, 22 - 24 October 2020
- II. **İKİ AŞAMALI YER SEÇİMİ VE EŞ-ZAMANLI TOPLA DAđIT ARAÇ ROTALAMA PROBLEMİ İÇİN MATEMATİKSEL MODEL VE KARMA SEZGİSEL ALGORİTMA**
YILDIZ E. A. , KARAOđLAN İ., ALTIPARMAK F.
YA/EM 39. Yöneyem Araştırması / Endüstri Mühendisliği Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019
- III. **An exact solution approach for two echelon location routing problem with simultaneous pickup and delivery**
YILDIZ E. A. , KARAOđLAN İ., ALTIPARMAK F.
16th International Logistics and Supply Chain Congress (LMSCM2018), 18 - 10 October 2018
- IV. **Two Echelon Location Routing Problem with Simultaneous Pickup and Delivery Mixed Integer Programming Formulations and Comparative Analysis**
YILDIZ E. A. , KARAOđLAN İ., ALTIPARMAK F.
7th International Conference on Computational Logistics, ICCL 2016, Lizbon, Portugal, 7 - 09 September 2016, pp.275-289
- V. **A mathematical model for two echelon location routing problem with simultaneous pickup and delivery**
YILDIZ E. A. , KARAOđLAN İ., ALTIPARMAK F.
VeRoLog 2016: annual workshop of the EURO working group on Vehicle Routing and Logistics optimization, Nantes, France, 6 - 08 June 2016
- VI. **A Hybrid Simulated Annealing Algorithm for p Center Problem**
YILDIZ E. A. , ALTIPARMAK F.
XII. International Logistics and Supply Chain Congress, 30 - 31 October 2014
- VII. **Improving Value of Real Time Locating Systems in Healthcare**
YILDIZ E. A. , ALTIPARMAK F.
26th European Conference on Operational Research, Roma, Italy, 1 - 04 July 2013

VIII. RTLS Value Analysis A Hospital Case Study

YILDIZ E. A. , ALTIPARMAK F.

International IIE Conference and YAEM 2013, İstanbul, Turkey, 26 - 28 June 2013

IX. Value Analysis of Healthcare Asset Tracking Systems Using Simulation

YILDIZ E. A. , ALTIPARMAK F.

25th European Conference on Operational Research, Vilniaus, Lithuania, 8 - 11 July 2012

Citations

Total Citations (WOS):3

h-index (WOS):1

Scholarships

Yurt içi Doktora Bursu, TUBITAK, 2013 - 2019

Öğretim Üyesi Yetiştirme Programı, YOK, 2012 - 2019

Eğitim Bursu , University, 2010 - 2013

Eğitim Bursu, University, 2009 - 2010

Non Academic Experience

Business Establishment Private, Yiğit Sağlık ve Medikal Malzemeler A.Ş.

Business Establishment Private

Business Establishment Private, MESA İmalat A.Ş.