

Asst. Prof. BAHAR ÇAVDAR

Personal Information

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Education Information

Doctorate, Georgia Institute of Technology, United States Of America 2009 - 2014

Dissertations

Doctorate, COMPUTATION IMPLEMENTATION PARALLELIZATION APPROACH TO TIME SENSITIVE APPLICATIONS, Georgia Institute Of Technology, 2014

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2018 - Continues

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2014 - 2018

Advising Theses

ÇAVDAR B., A computational study on a time-sensitive multiobjective flexible job shop scheduling problem, Postgraduate, C.ÖĞÜZKAN(Student), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A computation-implementation parallelization approach to the vehicle loading and routing problem**
ÇAVDAR B., Sokol J.
NETWORKS, vol.73, no.1, pp.119-134, 2019 (SCI-Expanded)
- II. **TSP Race: Minimizing completion time in time-sensitive applications**
ÇAVDAR B., Sokol J.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.244, no.1, pp.47-54, 2015 (SCI-Expanded)
- III. **A distribution-free TSP tour length estimation model for random graphs**
ÇAVDAR B., Sokol J.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.243, no.2, pp.588-598, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **A construction matheuristic for multi-trip vehicle routing problem at Santa FE-INDONESIA**

Wouter De Boer J., Çavdar B., Süral H.
ENDÜSTRİ MÜHENDİSLİĞİ, vol.29, no.3, pp.31-41, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. The Vaccination Campaign Routing Problem

ÇELİK M., ÇAVDAR B., SÜRAL H.

2016 INFORMS Annual Meeting, Nashville, United States Of America, 13 - 16 November 2016

Supported Projects

ÇAVDAR B., Project Supported by Higher Education Institutions, Gerçek-Zamanlı ve Zaman Pencerele Araç Rotalama Problemi için Etkin Çözüm Yöntemleri, 2016 - 2017

ÇELİK M., ÇAVDAR B., SÜRAL H., Project Supported by Higher Education Institutions, Gezici Proje Rotalama Problemi için Yenilikçi Çözüm Yaklaşımları, 2016 - 2016

Metrics

Publication: 5

Citation (WoS): 18

Citation (Scopus): 9

H-Index (WoS): 1

H-Index (Scopus): 1