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Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, Turkey 1987 - 1993

Dissertations

Doctorate, A Design Methodology for Just-in-Time Production Lines, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 1993

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2011 - Continues

Advising Theses

MERAL F. S. , System dynamics modeling of agricultural value chains: the case of olive oil in Turkey, Doctorate, B.Atamer(Student), 2019

MERAL F. S. , Methods for hybrid flow shop scheduling and a case study in an aerospace company, Postgraduate, Y.Özmen(Student), 2019

MERAL F. S. , Parallel flow shop scheduling with common workstations, Postgraduate, M.Kemal(Student), 2019

MERAL F. S. , Blood supply network design, Doctorate, M.MERT(Student), 2016

MERAL F. S. , Value-based risk management in defense projects pricing with a robust optimization approach, Postgraduate, K.ÖZGE(Student), 2015

MERAL F. S. , An integrated optimization and simulation approach for the ambulance location problem, Postgraduate, M.ŞAHİN(Student), 2015

MERAL F. S. , MULTI-ECHELON DYNAMIC CAPACITATED FACILITY LOCATION PROBLEM FOR THE RECOVERY OF WASTE, Postgraduate, İ.TARHAN(Student), 2015

MERAL F. S. , Mixed-model assembly line design and sequencing in a car body shop, Postgraduate, Ö.AKKOL(Student), 2014

MERAL F. S. , An approach for improving energy efficiency in a commercial building with learning consideration and availability constraints, Postgraduate, C.TUĞRUL(Student), 2014

MERAL F. S. , A genetic algorithm for the resource constrained project scheduling problem having a single machine with sequence dependent setup times, Postgraduate, S.Kaya(Student), 2013

MERAL F. S. , Meral F., Robust optimization approach for long-term project pricing, Postgraduate, K.Balkan(Student), 2010

MERAL F. S. , A genetic algorithm for the p-hub center problem with stochastic service level constraints, Postgraduate, Ş.Eraslan(Student), 2010

MERAL F. S. , Meral F., The value of radio frequency identification technology for managing pools of returnable transport items, Postgraduate, A.Demir(Student), 2010

MERAL F. S. , Availability management in configure-to-order manufacturing systems, Postgraduate, H.Erdem(Student), 2009

MERAL F. S. , A lagrangean heuristic for the two-stage modular capacitated facility location problem, Postgraduate, S.Sevinç(Student), 2008

MERAL F. S. , A genetic algorithm for the multi-level maximal covering ambulance location problem, Postgraduate, M.Karaman(Student), 2008

MERAL F. S. , A location-routing problem for the municipal solid waste management system, Postgraduate, C.Can(Student), 2007

MERAL F. S. , Simulation analysis of the blood supply chain and a case study, Postgraduate, M.Yegül(Student), 2007

MERAL F. S. , A genetic algorithm for the location-routing problem with time windows, Postgraduate, H.Özgönenç(Student), 2006

MERAL F. S. , An adaptive simulated annealing method for assembly line balancing and a case study, Postgraduate, H.Güden(Student), 2006

MERAL F. S. , Modelling the evolution of demand forecasts in a production-distribution system, Postgraduate, C.Tahsin(Student), 2006

MERAL F. S. , Multi-item two-ehelon inventory-distribution system design: a case study, Postgraduate, H.Bulur(Student), 2005

MERAL F. S. , An algorithm for the capacitated vehicle routing problem with time windows, Postgraduate, O.Pehlivanoğlu(Student), 2005

MERAL F. S. , Managing product variety through delayed product differentiation using vanilla boxes, Postgraduate, Ö.Burhan(Student), 2004

MERAL F. S. , Multi item integrated location/inventory problem, Postgraduate, B.Balçık(Student), 2003

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

- I. **An adaptive simulated annealing algorithm-based approach for assembly line balancing and a real-life case study**
Güden H., MERAL F. S.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.84, pp.1539-1559, 2016 (Journal Indexed in SCI)
- II. **AN ADAPTIVE SIMULATED ANNEALING METHOD FOR TYPE-ONE SIMPLE ASSEMBLY LINE BALANCING: A REAL LIFE CASE STUDY**
Güden H., MERAL F. S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.4, pp.897-908, 2013 (Journal Indexed in SCI)

Supported Projects

MERAL F. S. , Project Supported by Higher Education Institutions, TÜRKİYE ZEYTİNYAĞI ENDÜSTRİSİNDE KARAR PROBLEMLERİ, 2017 - 2017

Citations

Total Citations (WOS):12

h-index (WOS):2