

Prof. NUR EVİN ÖZDEMİREL

Personal Information

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Education Information

Doctorate, Arizona State University, Endüstri Mühendisliği, United States Of America 1985 - 1990

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 1992 - Continues

Advising Theses

İYİGÜN C., ÖZDEMİREL N. E. , Optimization Approaches for Classification and Feature Selection Using Overlapping Hyperboxes, Doctorate, D.AKBULUT(Student), 2019

İYİGÜN C., ÖZDEMİREL N. E. , Neighborhood construction-based multi-objective evolutionary clustering algorithm with feature selection, Postgraduate, C.ALAKUŞ(Student), 2018

ÖZDEMİREL N. E. , Systems engineering process modeling and simulation, Postgraduate, M.ARIKAN(Student), 2012

ÖZDEMİREL N. E. , KARASAKAL E., An interactive preference based multiobjective evolutionary algorithm for the clustering problem, Postgraduate, K.Demirtaş(Student), 2011

ÖZDEMİREL N. E. , A methodology of swarm intelligence application in clustering based on neighborhood construction, Doctorate, T.İNKAYA(Student), 2011

ÖZDEMİREL N. E. , KARASAKAL E., An interactive preference based evolutionary algorithm for the clustering problem, Postgraduate, K.DEMİRTAŞ(Student), 2011

ÖZDEMİREL N. E. , A conwip application in an electronics company, Postgraduate, E.GÜNGÖRER(Student), 2010

ÖZDEMİREL N. E. , Mining association rules for quality related data in an electronics company, Postgraduate, Y.KILINÇ(Student), 2009

ÖZDEMİREL N. E. , Energy efficient coverage and connectivity problem in wireless sensor networks, Postgraduate, M.GÖKÇE(Student), 2008

ÖZDEMİREL N. E. , Material flow cost versus congestion in dynamic distributed facility layout problem, Postgraduate, A.ÖZEN(Student), 2008

ÖZDEMİREL N. E. , Single shot hit probability computation for air defense based on error analysis, Postgraduate, İ.YÜKSEL(Student), 2007

ÖZDEMİREL N. E. , Weapon-target allocation and scheduling for air defense with time varying hit probabilities, Postgraduate, T.GÜLEZ(Student), 2007

SÜRAL H., ÖZDEMİREL N. E. , A genetic algorithm for TSP with backhauls based on conventional heuristics, Postgraduate, İ.ÖNDER(Student), 2007

ÖZDEMİR N. E. , Profit oriented disassembly line balancing, Doctorate, F.TEVHİDE(Student), 2005

ÖZDEMİR N. E. , Discrete-time stochastic analysis of land combat, Postgraduate, U.ELİYYİ(Student), 2004

ÖZDEMİR N. E. , Optimal air defense strategies for a naval task group, Doctorate, O.KARASAKAL(Student), 2004

ÖZDEMİR N. E. , AZİZOĞLU M., Assembly line balancing with task paralleling, Postgraduate, Ö.KAPLAN(Student), 2004

ÖZDEMİR N. E. , Optimal air defense strategies for naval task group, Doctorate, O.Karasakal(Student), 2004

ÖZDEMİR N. E. , Evolutionary algorithms for deterministic and stochastic unconstrained function optimization, Postgraduate, T.KEREM(Student), 2004

ÖZDEMİR N. E. , Semi-dynamic modeling of tactical level land combat, Doctorate, H.AYGÜNEŞ(Student), 2003

SÜRAL H., ÖZDEMİR N. E. , An evolutionary approach to TSP: Crossover with conventional heuristics, Postgraduate, M.SÖNMEZ(Student), 2003

SÜRAL H., ÖZDEMİR N. E. , An evolutionary approach to tsp: Crossover with conventional heuristics, Postgraduate, M.Sönmez(Student), 2003

ÖZDEMİR N. E. , Manufacturing lead time estimation in a make-to-order environment using a data mining approach, Postgraduate, A.ÖZTÜRK(Student), 2002

ÖZDEMİR N. E. , A Genetic algorithm for allocating units in land combat, Postgraduate, E.ERDEM(Student), 2001

ÖZDEMİR N. E. , A Monte-Carlo simulation for land combat, Postgraduate, O.ŞEREF(Student), 2001

ÖZDEMİR N. E. , An evolutionary approach for the single AGV routing problem, Postgraduate, B.Tulu(Student), 2000

ÖZDEMİR N. E. , An Evolutionary approach for the single agu routing problem, Postgraduate, B.TULU(Student), 2000

ÖZDEMİR N. E. , Özdemir N., A Decision support system for fuzzy scheduling of software projects, Postgraduate, B.Özlem(Student), 1999

ÖZDEMİR N. E. , Experimental investigation of MRP and PBC in a flexible manufacturing cell with an automated storage and retrieval system, Postgraduate, E.DÜŞMEZ(Student), 1999

ÖZDEMİR N. E. , Özdemir N., Experimental investigation of MRP and PBC in a flexible manufacturing cell with an automated storage and retrieval systems, Postgraduate, E.Düşmez(Student), 1999

ÖZDEMİR N. E. , Collision avoidance in static and dynamic multiple AGV routing, Postgraduate, A.AHMET(Student), 1999

ÖZDEMİR N. E. , Collision avoidance in static and dynamic multiple AGV routing, Postgraduate, A.Ahmet(Student), 1999

ÖZDEMİR N. E. , Özdemir N., Analysis of control policies applied to an automated storage and retrieval system, Postgraduate, E.Bekiroğlu(Student), 1997

ÖZDEMİR N. E. , Özdemir N., Self-organizing neural network approach for the single AGV routing problem, Postgraduate, M.Soylu(Student), 1997

ÖZDEMİR N. E. , Self-organizing neural network approach for the single AGV routine problem, Postgraduate, M.SOYLU(Student), 1997

ÖZDEMİR N. E. , An Experimental study of capacity expansion and sequencing alternatives for a flat rolled metal producer, Postgraduate, M.MURAT(Student), 1997

ÖZDEMİR N. E. , KÖKSAL G., A Conceptual model for quality information system and a policy deployment framework for a hospital, Postgraduate, E.Tümgüç(Student), 1997

ÖZDEMİR N. E. , Analysis of control policies applied to an automated storage and retrieval system, Postgraduate, E.BEKİROĞLU(Student), 1997

ÖZDEMİR N. E. , Quality information system design for a hospital with focus on policy deployment, Postgraduate, E.TÜMGÜÇ(Student), 1997

ÖZDEMİR N. E. , Özdemir N., Experimental investigation of two shared storage assignment policies in AS/RS under continuous review (Q, r) inventory policy, Postgraduate, Ş.Kültürel(Student), 1996

ÖZDEMİR N. E. , Experimental investigation of two shared storage assignment policies in As/rs under continuous review (Q, r) inventory policy, Postgraduate, Ş.KÜLTÜREL(Student), 1996

ÖZDEMİR N. E. , Simulating autocontrol as a quality control mechanism in a manufacturing system, Postgraduate, Ö.ALİ(Student), 1995

ÖZDEMİR N. E. , An Evolutionary approach to the simple vehicle routing problem, Postgraduate, H.DEMİRER(Student), 1995

ÖZDEMİR N. E. , A Simulation experiment for evaluating production policies in a manufacturing and assembly system,

Postgraduate, B.LEVENT(Student), 1995

ÖZDEMİREL N. E. , Computer-aided planning and design of manufacturing simulation experiments, Postgraduate,
G.Yusuf(Student), 1994

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

- I. **Centroid based Tree-Structured Data Clustering Using Vertex/Edge Overlap and Graph Edit Distance**
DİNLER D., TURAL M. K. , ÖZDEMİREL N. E.
ANNALS OF OPERATIONS RESEARCH, vol.289, no.1, pp.85-122, 2020 (Journal Indexed in SCI)
- II. **Extracting the Boundaries of Clusters: A Post-Clustering Tool for Spatial Datasets**
İNKAYA T., Kayaligil S., ÖZDEMİREL N. E.
INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE, vol.34, no.4, 2020
(Journal Indexed in SCI)
- III. **A genetic algorithm for the uncapacitated single allocation planar hub location problem**
Damgacioglu H., DİNLER D., ÖZDEMİREL N. E. , İYİĞÜN C.
COMPUTERS & OPERATIONS RESEARCH, vol.62, pp.224-236, 2015 (Journal Indexed in SCI)
- IV. **Ant Colony Optimization based clustering methodology**
İNKAYA T., Kayaligil S., ÖZDEMİREL N. E.
APPLIED SOFT COMPUTING, vol.28, pp.301-311, 2015 (Journal Indexed in SCI)
- V. **An adaptive neighbourhood construction algorithm based on density and connectivity**
İNKAYA T., Kayaligil S., ÖZDEMİREL N. E.
PATTERN RECOGNITION LETTERS, vol.52, pp.17-24, 2015 (Journal Indexed in SCI)
- VI. **A Branch and Bound Algorithm for Sector Allocation of a Naval Task Group**
Karasakal O., KANDİLLER L., ÖZDEMİREL N. E.
NAVAL RESEARCH LOGISTICS, vol.58, no.7, pp.655-669, 2011 (Journal Indexed in SCI)
- VII. **Anti-Ship Missile Defense for a Naval Task Group**
Karasakal O., ÖZDEMİREL N. E. , KANDİLLER L.
NAVAL RESEARCH LOGISTICS, vol.58, no.3, pp.305-322, 2011 (Journal Indexed in SCI)
- VIII. **Assembly line balancing with station paralleling**
Ege Y., AZİZOĞLU M., ÖZDEMİREL N. E.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.57, no.4, pp.1218-1225, 2009 (Journal Indexed in SCI)
- IX. **Profit-oriented disassembly-line balancing**
ALTEKİN F. T. , Kandiller L., ÖZDEMİREL N. E.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.46, no.10, pp.2675-2693, 2008 (Journal Indexed in SCI)
- X. **Manufacturing lead time estimation using data mining**
Ozturk A., Kayaligil S., Ozdemirel N. E.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.173, no.2, pp.683-700, 2006 (Journal Indexed in SCI)
- XI. **Semi-dynamic modelling of heterogeneous land combat**
Ozdemirel N., Kandiller L.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.57, no.1, pp.38-51, 2006 (Journal Indexed in SCI)
- XII. **A team performance measurement model for continuous improvement**
Cicek M., Koksall G., Ozdemirel N.
TOTAL QUALITY MANAGEMENT & BUSINESS EXCELLENCE, vol.16, no.3, pp.331-349, 2005 (Journal Indexed in SSCI)
- XIII. **An evolutionary approach for the target allocation problem**
Erdem E., Ozdemirel N.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.54, no.9, pp.958-969, 2003 (Journal Indexed in SCI)
- XIV. **A self-organizing neural network approach for the single AGV routing problem**
Soylu M., Ozdemirel N., Kayaligil S.

- EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.121, no.1, pp.124-137, 2000 (Journal Indexed in SCI)
- XV. **Simulation of capacity expansion and sequencing alternatives for a sheet metal producer**
Arer M., Ozdemirel N.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.50, no.6, pp.596-607, 1999 (Journal Indexed in SCI)
- XVI. **Computer-aided planning and design of manufacturing simulation experiments**
Ozdemirel N., Yurttas G., Koksak G.
SIMULATION, vol.67, no.3, pp.171-191, 1996 (Journal Indexed in SCI)
- XVII. **A GENERIC SIMULATION MODULE ARCHITECTURE BASED ON CLUSTERING GROUP TECHNOLOGY MODEL CODINGS**
OZDEMIREL N., MACKULAK G.
SIMULATION, vol.60, no.6, pp.421-433, 1993 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Tree-structured Data Clustering with Graph Edit Distance**
DİNLER D., TURAL M. K. , ÖZDEMİREL N. E.
30th European Conference on Operational Research, Dublin, Ireland, 23 - 26 June 2019
- II. **Ağaç Yapılı Verilerin Ged (Graph Edit Distance) ile Kümelmesi**
DİNLER D., TURAL M. K. , ÖZDEMİREL N. E.
39. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019
- III. **Ağaç Yapılı Verilerin Kümelmesi**
DİNLER D., TURAL M. K. , ÖZDEMİREL N. E.
Yöneylem Araştırması ve Endüstri Mühendisliği 38. Ulusal Kongresi, Turkey, 26 - 29 June 2018
- IV. **Clustering of Tree-Structured Data Objects**
DİNLER D., TURAL M. K. , ÖZDEMİREL N. E.
10th International Statistics Congress (ISC2017), 6 - 08 December 2017
- V. **Kapasite Kısıtlı Merkez Secimi Problemi için Genetik Algoritma**
EROĞLU D. İ. , PAMUKÇU D., İYİGÜN C., ÖZDEMİREL N. E.
37. YÖNEYLEM ARAŞTIRMASI VE ENDÜSTRİ MÜHENDİSLİĞİ ULUSAL KONGRESİ, Turkey, 5 - 07 July 2017
- VI. **Defect Cause Modeling with Decision Tree and Regression Analysis**
BAKIR B. S. , BATMAZ İ., Gunturkun F. A. , Ipekci T. A. , KÖKSAL G., ÖZDEMİREL N. E.
Conference of the World-Academy-of-Science-Engineering-and-Technology, Cairo, Egypt, 8 - 10 December 2006, vol.17, pp.266-268
- VII. **Disassembly line balancing with limited supply and subassembly availability**
Altekin F., Kandiller L., Ozdemirel N.
3rd International Conference on Environmentally Conscious Manufacturing, Rhode-Island, United States Of America, 29 - 30 October 2003, vol.5262, pp.59-70
- VIII. **Semi-dynamic modeling of tactical level land combat**
Ozdemirel N., Kandiller L., Vardar C., Bayindir Z.
15th European Simulation Multiconference (ESM 2001), PRAGUE, Czech Republic, 6 - 09 June 2001, pp.195-202
- IX. **A PROTOTYPE KNOWLEDGE BASED SYSTEM FOR DESIGNING MANUFACTURING SIMULATION EXPERIMENTS**
YURTTAS G., OZDEMIREL N.
1994 Summer Computer Simulation Conference (SCSC 94), California, United States Of America, 18 - 20 July 1994, pp.567-572

Citations

Total Citations (WOS):389

h-index (WOS):9