

Prof. ERTAN GÜNER

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), Turkey 1987 - 1994

Post Graduate, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), Turkey 1983 - 1986

Under Graduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1979 - 1983

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Technology Management/Management of Technology, Advanced Industrial Technology, Japon Hükümetinin Uluslararası İşbirliği Programı çerçevesinde, Japon Uluslararası İşbirliği Ajansı (JICA, 1995

Dissertations

Doctorate, Tek Makinalı Sistemler için Çok Ölçütlü Çizelgeleme Algoritması, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (Dr), 1994

Post Graduate, Bekleme Hattı Sistemlerinin Analizi ve Bir Uygulama, Gazi University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği (YI) (Tezli), 1986

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2007 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2000 - 2007

Assistant Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 1997 - 2000

Lecturer, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 1994 - 1997

Professor, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, 1985 - 1994

Professional Experience

Deputy Head of Department, Gazi University, Mühendislik Fakültesi, 2004 - 2008

Advising Theses

- GÜNER E., Sarf malzeme kullanımından veri madenciliği birliktelik kurallarının elde edilmesi, kuralların analizi ve sınıflandırılması, Post Graduate, H.TONTUŞ(Student), 2020
- GÜNER E., daha sonra doldurulacaktır, Post Graduate, Y.ÇAM(Student), 2020
- GÜNER E., Çapraz sevkiyat düzeni kapı atama ve araç çizelgeleme problemi: Bir uygulama çalışması, Post Graduate, T.KARABULUT(Student), 2019
- GÜNER E., Havayolu çizelgeleme problemlerinde yeni bir sağlam çizelgeleme yaklaşımı: Sağlam uçak rotalama, Doctorate, A.AKINCILAR(Student), 2018
- GÜNER E., A New Approach For Robust Scheduling In Airline Scheduling Problems: Robust Aircraft Routing, A.Akincilar(Student), 2018
- GÜNER E., Solution Approaches For Flexible Job Shop Scheduling Problem: An Application In The Defense Industry, Post Graduate, E.SİRKECİ(Student), 2015
- GÜNER E., Improving Material Handling And Production Line Feeding In Make To Order Production: A Lean Manufacturing Application, Post Graduate, F.İPEK(Student), 2015
- GÜNER E., Pick-up products from suppliers by milkrun method at a automotive factory, Post Graduate, S.SALİH(Student), 2012
- GÜNER E., Multi product reverse logistics network design problem: Mathematical model and simulated annealing based approach, Doctorate, K.ALAYKIRAN(Student), 2011
- GÜNER E., DERS ÇİZELGELEME PROBLEMİNİN 0-1 TAMSAYILI PROGRAMLAMA TABANLI UYGULAMASI, G.ÖZYANDI(Student), 2010
- GÜNER E., Ders çizelgeleme probleminin 0-1 tamsayılı programlama tabanlı uygulaması, Post Graduate, G.ÖZYANDI(Student), 2010
- GÜNER E., DATA MINING APPLICATION FOR PERSONNEL SELECTION AND PERFORMANCE EVALUATION IN BANKING SECTOR, Post Graduate, H.BİLEN(Student), 2009
- GÜNER E., PARALLEL MACHINE EARLINESS/TARDINESS SCHEDULING PROBLEM WITH SETUP TIMES UNDER THE EFFECTS OF LEARNING AND DETERIORATION, M.TOKSARI(Student), 2008
- GÜNER E., Öğrenme ve bozulma etkileri altında hazırlık zamanlı paralel makineli erken tamamlanma/gecikme çizelgeleme problemi, Doctorate, M.DURAN(Student), 2008
- GÜNER E., THE ANALYSIS OF TS EN ISO IEC 17025 STANDARD WITH QUALITY FUNCTION DEPLOYMENT AND MULTICRITERIA DECISION MAKING TECHNIQUES, Post Graduate, E.OLCAY(Student), 2007
- GÜNER E., EXAMINATION STAFF SCHEDULING MODEL, Post Graduate, A.ÇORUHLU(Student), 2007
- GÜNER E., Kısıtlandırılmış teslim tarihli ve sıraya-bağımlı hazırlık süreli tek makine çizelgeleme problemlerinde erkenlik ve geçlik toplamının en küçüklenmesi, Post Graduate, M.HANIM(Student), 2007
- GÜNER E., Tam zamanlı karmaşık ünlü montaj hattında çok amaçlı sıralama problemi ve bir uygulama, Post Graduate, S.HAKAN(Student), 2006
- GÜNER E., Esnek zaman pencereli araç rotalama problemi ve bir uygulama, Post Graduate, E.AYDEMİR(Student), 2006
- GÜNER E., Tam zamanında üretim sisteminde bileşke parti büyüklüğü modeli, Post Graduate, O.BULUT(Student), 2006
- GÜNER E., Çok ölçütlü akış tipi çizelgeleme problemleri için çözüm yaklaşımları, Doctorate, T.EREN(Student), 2004
- GÜNER E., Otomatik yönlendirmeli araç (OYA) sistemleri ve depo bakımında rotalama problemi, Post Graduate, F.YİĞİT(Student), 2002
- GÜNER E., Tam zamanında üretim sisteminde tedarikçi ilişkileri, Post Graduate, M.ENGİN(Student), 2002
- GÜNER E., Tedarik zincirinde elektronik veri değişimi ve Türk Silahlı Kuvvetlerinde kullanılan malzeme koordinasyon sistemi (MKS) uygulaması, Post Graduate, H.YENER(Student), 2002
- GÜNER E., Lojistik dağıtım sisteminde yer alan ulaştırma hizmetinde karşılaşılan problemler ve bir model incelemesi, Post Graduate, F.IŞIK(Student), 2001
- GÜNER E., Bir döküm fabrikasında malzeme ihtiyaç planlama çalışması ve parti büyüklüğünün belirlenmesi, Post Graduate, H.PAŞAOĞLU(Student), 1999

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, January, 2021
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, January, 2021
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, September, 2020
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, September, 2020
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, July, 2020
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, March, 2019
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, March, 2019

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

- I. **A MATHEMATICAL MODEL FOR MULTI-PRODUCT RECYCLING NETWORK DESIGN**
Alaykiran K., GÜNER E.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.1, pp.151-159, 2013 (Journal Indexed in SCI)
- II. **Reply to note on The common due-date early/tardy scheduling problem on a parallel machine under the effects of time-dependent learning and linear and nonlinear deterioration**
TOKSARI M. D. , GÜNER E.
EXPERT SYSTEMS WITH APPLICATIONS, vol.39, no.7, pp.6657-6658, 2012 (Journal Indexed in SCI)
- III. **Joint reply to the erratum and the note on "Single machine scheduling problems under the effects of nonlinear deterioration and time-dependent learning" [Math. Comput. Modelling 50 (2009) 401-406]**
TOKSARI M. D. , Oron D., GÜNER E.
MATHEMATICAL AND COMPUTER MODELLING, vol.54, pp.849-851, 2011 (Journal Indexed in SCI)
- IV. **Parallel machine scheduling problem to minimize the earliness/tardiness costs with learning effect and deteriorating jobs**
TOKSARI M. D. , GÜNER E.
JOURNAL OF INTELLIGENT MANUFACTURING, vol.21, no.6, pp.843-851, 2010 (Journal Indexed in SCI)
- V. **SOME SCHEDULING PROBLEMS WITH PAST SEQUENCE DEPENDENT SETUP TIMES UNDER THE EFFECTS OF NONLINEAR DETERIORATION AND TIME-DEPENDENT LEARNING**
TOKSARI M. D. , Oron D., GÜNER E.
RAIRO-OPERATIONS RESEARCH, vol.44, no.2, pp.107-118, 2010 (Journal Indexed in SCI)
- VI. **Assembly line balancing problem with deterioration tasks and learning effect**
TOKSARI M. D. , Isleyen S. K. , GÜNER E., BAYKOÇ Ö. F.
EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.2, pp.1223-1228, 2010 (Journal Indexed in SCI)
- VII. **The common due-date early/tardy scheduling problem on a parallel machine under the effects of time-dependent learning and linear and nonlinear deterioration**
TOKSARI M. D. , GÜNER E.
EXPERT SYSTEMS WITH APPLICATIONS, vol.37, no.1, pp.92-112, 2010 (Journal Indexed in SCI)
- VIII. **Simple assembly line balancing problem under the combinations of the effects of learning and deterioration**
TOKSARI M. D. , Isleyen S. K. , GÜNER E., BAYKOÇ Ö. F.
ASSEMBLY AUTOMATION, vol.30, no.3, pp.268-275, 2010 (Journal Indexed in SCI)
- IX. **Scheduling problems with the nonlinear effects of learning and deterioration**
TOKSARI M. D. , GÜNER E.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.45, pp.801-807, 2009 (Journal Indexed in SCI)

Indexed in SCI)

- X. **Parallel machine earliness/tardiness scheduling problem under the effects of position based learning and linear/nonlinear deterioration**
TOKSARI M. D. , GÜNER E.
COMPUTERS & OPERATIONS RESEARCH, vol.36, no.8, pp.2394-2417, 2009 (Journal Indexed in SCI)
- XI. **Single machine scheduling problems under the effects of nonlinear deterioration and time-dependent learning**
Toksari M. D. , Oron D., GÜNER E.
MATHEMATICAL AND COMPUTER MODELLING, vol.50, pp.401-406, 2009 (Journal Indexed in SCI)
- XII. **Analyzing the behaviors of virtual cells (VCs) and traditional manufacturing systems: Ant colony optimization (ACO)-based metamodels**
KESEN S. E. , TOKSARI M. D. , Guengoer Z., GÜNER E.
COMPUTERS & OPERATIONS RESEARCH, vol.36, no.7, pp.2275-2285, 2009 (Journal Indexed in SCI)
- XIII. **A bicriteria parallel machine scheduling with a learning effect**
EREN T., GÜNER E.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.40, pp.1202-1205, 2009 (Journal Indexed in SCI)
- XIV. **Simple and U-type assembly line balancing problems with a learning effect**
TOKSARI M. D. , Isleyen S. K. , GÜNER E., BAYKOÇ Ö. F.
APPLIED MATHEMATICAL MODELLING, vol.32, no.12, pp.2954-2961, 2008 (Journal Indexed in SCI)
- XV. **Minimizing the earliness/tardiness costs on parallel machine with learning effects and deteriorating jobs: a mixed nonlinear integer programming approach**
TOKSARI M. D. , GÜNER E.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.38, pp.801-808, 2008 (Journal Indexed in SCI)
- XVI. **A bicriteria flowshop scheduling with a learning effect**
EREN T., GÜNER E.
APPLIED MATHEMATICAL MODELLING, vol.32, no.9, pp.1719-1733, 2008 (Journal Indexed in SCI)
- XVII. **The tricriteria flowshop scheduling problem**
EREN T., GÜNER E.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.36, pp.1210-1220, 2008 (Journal Indexed in SCI)
- XVIII. **A bicriteria scheduling problem with a learning effect: Total completion time and total tardiness**
EREN T., GÜNER E.
INFOR, vol.45, no.2, pp.75-81, 2007 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **SINGLE MACHINE SCHEDULING PROBLEMS AGAINST DUE DATE WITH THE PAST-SEQUENCE-DEPENDENT SETUP TIMES UNDER LEARNING AND DETERIORATION EFFECTS**
GÜNER E., Toksari M. D.
38th International Conference on Computers and Industrial Engineering, Beijing, China, 31 October - 02 November 2008, pp.1923-1930

Supported Projects

GÜNER E., Project Supported by Higher Education Institutions, Tam Zamanında Üretim Ortamında Teslim Tarihinden Sapmaların En Küçüklenmesi İçin İş Çizelgelemesi, 2007 - Continues

GÜNER E., Project Supported by Higher Education Institutions, SINAV PERSONEL ÇİZELGELEME MODELİ VE

UYGULAMASI, 2010 - 2011

GÜNER E., Project Supported by Higher Education Institutions, PERSONEL SEÇİMİ VE PERFORMANS

DEĞERLENDİRMESİNDE VERİ MADENCİLİĞİ YAKLAŞIMI, 2009 - 2011

GÜNER E., Project Supported by Higher Education Institutions, Tersine Lojistik Sistemlerinin Modellenmesi, 2008 - 2011

Citations

Total Citations (WOS):405

h-index (WOS):12