

Prof. Dr. MERAL AZİZOĞLU

Kişisel Bilgiler

İş Telefonu: [+90 312 210 2281](tel:+903122102281)

Fax Telefonu: [+90 312 210 4786](tel:+903122104786)

E-posta: ma@metu.edu.tr

Web: <https://avesis.metu.edu.tr/ma>

Uluslararası Araştırmacı ID'leri

ScholarID: 2WPPvMIAAAAJ

ORCID: 0000-0001-6327-3012

Publons / Web Of Science ResearcherID: AAZ-7992-2020

ScopusID: 70053733617005373361

Yoksis Araştırmacı ID: 5546

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Türkiye 1989 - 1994

Yaptığı Tezler

Doktora, Parallel machine scheduling to minimize total cost functions, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 1994

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2003 - Devam Ediyor

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, 2016 - 2017

Bölüm Başkan Yardımcısı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2016 - 2017

Erasmus Koordinatörü, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2011 - 2017

Bölüm Başkan Yardımcısı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 1999 - 2001

Yönetilen Tezler

Azizoğlu M., AN AIRPORT GATE REASSIGNMENT PROBLEM WITH TWO CRITERIA, Yüksek Lisans, D.DENİZ(Öğrenci), 2022

Azizoğlu M., Karakaya G., Discrete time/cost trade-off project scheduling problem - an application to the Ministry of Health projects, Yüksek Lisans, Ö.AKBUDAK(Öğrenci), 2022

Azizoğlu M., BATUN S., A stochastic programming approach to the single machine makespan problem with random breakdowns, Yüksek Lisans, T.GÜREL(Öğrenci), 2022

AZİZOĞLU M., Unmanned air vehicle routing with multiple objectives, Doktora, E.DAŞDEMİR(Öğrenci), 2021

AZİZOĞLU M., An integrated cutting stock and lot sizing problem, Yüksek Lisans, A.BURCU(Öğrenci), 2021

Batun S., Azizoğlu M., Tehlikeli İşler içeren Stokastik Demontaj Problemi, Bütünleşik Doktora, E.Göksoy(Öğrenci), 2020

Azizoğlu M., REBALANCING IN ASSEMBLY LINES, Yüksek Lisans, U.GİRİT(Öğrenci), 2019

Azizoğlu M., A Branch-and-Bound Algorithm for Airport Gate Assignment Problem, Yüksek Lisans, K.KALANLI(Öğrenci), 2019

Azizoğlu M., TWO DIMENSIONAL CUTTING STOCK PROBLEM WITH MULTIPLE STOCK SIZES, Yüksek Lisans, U.AYASANDIR(Öğrenci), 2019

Azizoğlu M., Type-II Transfer Line Balancing Problem, Yüksek Lisans, Y.ERSİN(Öğrenci), 2019

AZİZOĞLU M., A blood distribution system: An application to the Turkish Red Crescent, Doktora, A.KURT(Öğrenci), 2018

AZİZOĞLU M., A multi-mode project scheduling problem with a single nonrenewable resource, Yüksek Lisans, C.ALTINTAŞ(Öğrenci), 2017

AZİZOĞLU M., Rebalancing of assembly lines, Yüksek Lisans, E.SANCI(Öğrenci), 2015

AZİZOĞLU M., On the balanced k-Chinese postmen problems, Yüksek Lisans, Y.LİMON(Öğrenci), 2015

AZİZOĞLU M., KARASAKAL E., Bicriteria bin packing problem with deviation based objectives, Yüksek Lisans, A.ÖYLEK(Öğrenci), 2015

AZİZOĞLU M., A single Chinese Postman Problem with two objectives, Yüksek Lisans, E.EROĞLU(Öğrenci), 2015

AZİZOĞLU M., Workload smoothing in assembly lines, Yüksek Lisans, S.İMAT(Öğrenci), 2014

AZİZOĞLU M., A project payment scheduling problem with discounted cash flows, Yüksek Lisans, A.CÖMERT(Öğrenci), 2014

AZİZOĞLU M., Solution approaches for flexible job shop scheduling problems, Yüksek Lisans, Ş.AYTUĞ(Öğrenci), 2013

AZİZOĞLU M., Flexible U-shaped assembly line design problem, Yüksek Lisans, A.DİLEK(Öğrenci), 2013

AZİZOĞLU M., Resource investment problem with time/resource trade-offs, Yüksek Lisans, E.ÇOLAK(Öğrenci), 2011

AZİZOĞLU M., Modeling dynamic systems of creative industries: The case of film industries, Yüksek Lisans, S.ORUÇ(Öğrenci), 2010

AZİZOĞLU M., Yaratıcılık endüstrisi dinamik sistemlerinin modellenmesi : film endüstrisi vakası, Yüksek Lisans, S.Oruç(Öğrenci), 2010

AZİZOĞLU M., Disassembly line balancing problem with fixed number of workstations and finite supply, Yüksek Lisans, E.GÖKSOY(Öğrenci), 2010

AZİZOĞLU M., Multi resource agent bottleneck generalized assignment problem, Yüksek Lisans, Ö.KARABULUT(Öğrenci), 2010

AZİZOĞLU M., A complex dynamical systems model of education, research, employment, and sustainable human development, Yüksek Lisans, E.ERDOĞAN(Öğrenci), 2010

AZİZOĞLU M., Assessment of criteria-rich rankings for decision makers, Yüksek Lisans, M.RAŞİT(Öğrenci), 2010

AZİZOĞLU M., Flexible assembly line design problem with fixed number of workstations, Yüksek Lisans, Ş.BARUTÇUOĞLU(Öğrenci), 2009

AZİZOĞLU M., Discrete time/cost trade-off project scheduling with a nonrenewable resource, Yüksek Lisans, S.KIRBIYIK(Öğrenci), 2009

AZİZOĞLU M., Trade-off models in sustainable system engineering, Yüksek Lisans, M.ONUR(Öğrenci), 2009

AZİZOĞLU M., The budget constrained discrete time/cost trade-off problem in project networks, Yüksek Lisans, G.DEĞİRMENCİ(Öğrenci), 2008

AZİZOĞLU M., The cardinality constrained multiple knapsack problem, Yüksek Lisans, M.ASLAN(Öğrenci), 2008

AZİZOĞLU M., Discrete time/cost trade-off problem in project scheduling, Yüksek Lisans, A.BAYKAL(Öğrenci), 2007

AZİZOĞLU M., Allocation and tooling decisions in flexible manufacturing systems, Doktora, S.ÖZPEYNİRCİ(Öğrenci), 2007

AZİZOĞLU M., Part selection problem in disassembly systems, Yüksek Lisans, A.YETERE(Öğrenci), 2006

AZİZOĞLU M., Multi criteria assembly line balancing problem with equipment decisions, Yüksek Lisans, N.PEKİN(Öğrenci), 2006

AZİZOĞLU M., Machine scheduling with preventive maintenances, Yüksek Lisans, S.BATUN(Öğrenci), 2006

AZİZOĞLU M., A bicriteria rescheduling problem on unrelated parallel machines: Network flow and enumeration based approaches, Doktora, M.ÖZLEN(Öğrenci), 2006

AZİZOĞLU M., Esnek imalat sistemlerinde makina ucu taşıyıcısı problemi, Yüksek Lisans, F.Kılınç(Öğrenci), 2005

AZİZOĞLU M., The tool transporter movements problem in flexible manufacturing systems, Yüksek Lisans, F.KILINÇ(Öğrenci), 2005

AZİZOĞLU M., A capacity allocation problem in flexible manufacturing systems, Yüksek Lisans, S.BİLGİN(Öğrenci), 2004

ÖZDEMİREL N. E., AZİZOĞLU M., Assembly line balancing with task paralleling, Yüksek Lisans, Ö.KAPLAN(Öğrenci), 2004

AZİZOĞLU M., Operational fixed job scheduling problem, Doktora, D.TÜRSEL(Öğrenci), 2004

AZİZOĞLU M., KARASAKAL E., Bi-objective bin packing problems, Yüksek Lisans, I.LILCAK(Öğrenci), 2003

AZİZOĞLU M., Fixed job scheduling on uniform parallel machines, Yüksek Lisans, Ö.BARIŞ(Öğrenci), 2003

AZİZOĞLU M., A tool switching problem in flexible manufacturing systems, Yüksek Lisans, İ.KARAKAYALI(Öğrenci), 2003

AZİZOĞLU M., Uniform parallel machine scheduling with family set-up times, Yüksek Lisans, M.TAMER(Öğrenci), 2003

AZİZOĞLU M., SÜRAL H., Scheduling with discounted revenues, Yüksek Lisans, A.KICIROĞLU(Öğrenci), 2003

AZİZOĞLU M., KIRCA Ö., A Mixed model line sequencing problem with makespan minimization, Yüksek Lisans, B.SOYLU(Öğrenci), 2002

GÜVEN S., AZİZOĞLU M., Fleet assignment and aircraft routing problem in an airline company., Yüksek Lisans, Z.Canan(Öğrenci), 2002

AZİZOĞLU M., Assembly line balancing with station paralleling, Yüksek Lisans, Y.EGE(Öğrenci), 2001

AZİZOĞLU M., Rescheduling under machine disruptions, Yüksek Lisans, O.Alagöz(Öğrenci), 2000

AZİZOĞLU M., A Bicriteria approach to the two-machine flowshop scheduling problem, Yüksek Lisans, B.TOKTAŞ(Öğrenci), 2000

AZİZOĞLU M., Rescheduling under machine disruptions, Yüksek Lisans, O.ALAGÖZ(Öğrenci), 2000

AZİZOĞLU M., Parallel machine scheduling with family setup times, Yüksek Lisans, T.TUNGA(Öğrenci), 1999

AZİZOĞLU M., Shifting bottleneck heuristics for job-shop scheduling, Yüksek Lisans, M.İnan(Öğrenci), 1999

AZİZOĞLU M., Shifting bottleneck heuristic for job-shop scheduling, Yüksek Lisans, M.İNAN(Öğrenci), 1999

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Type-II transfer line Balancing problem – A branch and bound approach**
Ersin Telemeci Y., AZİZOĞLU M.
Computers and Industrial Engineering, cilt.198, 2024 (SCI-Expanded)
- II. **Disassembly line balancing with hazardous task failures – Model based solution approaches**
Goksoy Kalaycılar E., AZİZOĞLU M., BATUN S.
Computers and Industrial Engineering, cilt.190, 2024 (SCI-Expanded)
- III. **An airport gate reassignment problem with gate closures**
Poyraz D. D., Azizoğlu M.
Journal of Air Transport Management, cilt.115, 2024 (SSCI)
- IV. **An integrated two dimensional cutting stock and lot sizing problem with two criteria**
Sanan A. B., AZİZOĞLU M.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, cilt.17, sa.5, ss.766-794, 2023 (SCI-Expanded)
- V. **A stochastic programming approach for the disassembly line balancing with hazardous task failures**
Kalaycılar E. G., Batun S., Azizoğlu M.
International Journal of Production Research, cilt.60, sa.10, ss.3237-3262, 2022 (SCI-Expanded)
- VI. **Rebalancing the assembly lines with total squared workload and total replacement distance objectives**
Girit U., AZİZOĞLU M.
International Journal of Production Research, cilt.59, sa.22, ss.6702-6720, 2021 (SCI-Expanded)

- VII. **Exact and heuristic solution approaches for the airport gate assignment problem**
Karsu Ö., AZİZOĞLU M., Alanlı K.
Omega (United Kingdom), cilt.103, 2021 (SCI-Expanded)
- VIII. **An exact algorithm for the minimum squared load assignment problem**
Karsu Ö., AZİZOĞLU M.
Computers and Operations Research, cilt.106, ss.76-90, 2019 (SCI-Expanded)
- IX. **A blood distribution problem with new transportation options - An application for the Turkish Red Crescent**
Kurt A., Çetinkaya F. C., AZİZOĞLU M.
European Journal of Industrial Engineering, cilt.13, sa.3, ss.332-367, 2019 (SCI-Expanded)
- X. **Workload smoothing in simple assembly line balancing**
AZİZOĞLU M., İmat S.
COMPUTERS & OPERATIONS RESEARCH, cilt.89, ss.51-57, 2018 (SCI-Expanded)
- XI. **Solution approaches to the blood distribution problem of the Turkish Red Crescent**
Kurt A., AZİZOĞLU M., ÇETİNKAYA F. C.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, cilt.12, sa.3, ss.405-441, 2018 (SCI-Expanded)
- XII. **Rebalancing the assembly lines: exact solution approaches**
Sanci E., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.55, sa.20, ss.5991-6010, 2017 (SCI-Expanded)
- XIII. **A disassembly line balancing problem with fixed number of workstations**
Kalaycılar E. G., AZİZOĞLU M., Yeralan S.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.249, sa.2, ss.592-604, 2016 (SCI-Expanded)
- XIV. **A branch and bound method for the line balancing problem in U-shaped assembly lines with equipment requirements**
Ogan D., AZİZOĞLU M.
JOURNAL OF MANUFACTURING SYSTEMS, cilt.36, ss.46-54, 2015 (SCI-Expanded)
- XV. **LP relaxation-based solution algorithms for the multi-mode project scheduling with a non-renewable resource**
AZİZOĞLU M., ÇETİNKAYA F. C., Pamir S. K.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, cilt.9, sa.4, ss.450-469, 2015 (SCI-Expanded)
- XVI. **Bicriteria Multiresource Generalized Assignment Problem**
Karsu O., AZİZOĞLU M.
NAVAL RESEARCH LOGISTICS, cilt.61, sa.8, ss.621-636, 2014 (SCI-Expanded)
- XVII. **A resource investment problem with time/resource trade-offs**
Colak E., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.65, sa.5, ss.777-790, 2014 (SCI-Expanded)
- XVIII. **Branch and bound based solution algorithms for the budget constrained discrete time/cost trade-off problem**
Degirmenci G., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.64, sa.10, ss.1474-1484, 2013 (SCI-Expanded)
- XIX. **Optimising a nonlinear utility function in multi-objective integer programming**
Ozlen M., AZİZOĞLU M., Burton B. A.
JOURNAL OF GLOBAL OPTIMIZATION, cilt.56, sa.1, ss.93-102, 2013 (SCI-Expanded)
- XX. **The multi-resource agent bottleneck generalised assignment problem**
Karsu O., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.50, sa.2, ss.309-324, 2012 (SCI-Expanded)
- XXI. **Heuristics for operational fixed job scheduling problems with working and spread time constraints**
Eliyi D. T., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.132, sa.1, ss.107-121, 2011 (SCI-Expanded)
- XXII. **Rescheduling unrelated parallel machines with total flow time and total disruption cost criteria**
Ozlen M., AZİZOĞLU M.

- JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.62, sa.1, ss.152-164, 2011 (SCI-Expanded)
- XXIII. **Flexible assembly line design problem with fixed number of workstations**
Barutcuoglu S., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.49, sa.12, ss.3691-3714, 2011 (SCI-Expanded)
- XXIV. **A Lagrangean relaxation based approach for the capacity allocation problem in flexible manufacturing systems**
ÖZPEYNİRCİ S., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.61, sa.5, ss.872-877, 2010 (SCI-Expanded)
- XXV. **Linear programming based approaches for the discrete time/cost trade-off problem in project networks**
Hafizoglu A. B., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.61, sa.4, ss.676-685, 2010 (SCI-Expanded)
- XXVI. **Working time constraints in operational fixed job scheduling**
Eliyi D. T., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.48, sa.21, ss.6211-6233, 2010 (SCI-Expanded)
- XXVII. **Multi-objective integer programming: A general approach for generating all non-dominated solutions**
Oezlen M., AZİZOĞLU M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.199, sa.1, ss.25-35, 2009 (SCI-Expanded)
- XXVIII. **Assembly line balancing with station paralleling**
Ege Y., AZİZOĞLU M., ÖZDEMİREL N. E.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.57, sa.4, ss.1218-1225, 2009 (SCI-Expanded)
- XXIX. **Bounding approaches for operation assignment and capacity allocation problem in flexible manufacturing systems**
ÖZPEYNİRCİ S., AZİZOĞLU M.
COMPUTERS & OPERATIONS RESEARCH, cilt.36, sa.9, ss.2531-2540, 2009 (SCI-Expanded)
- XXX. **Beam search algorithm for capacity allocation problem in flexible manufacturing systems**
Ozpeynirci S. B., AZİZOĞLU M.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.56, sa.4, ss.1464-1473, 2009 (SCI-Expanded)
- XXXI. **Operation assignment and capacity allocation problem in automated manufacturing systems**
Bilgin S., AZİZOĞLU M.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.56, sa.2, ss.662-676, 2009 (SCI-Expanded)
- XXXII. **Generating all efficient solutions of a rescheduling problem on unrelated parallel machines**
Ozlen M., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.47, sa.19, ss.5245-5270, 2009 (SCI-Expanded)
- XXXIII. **Capacity allocation problem in flexible manufacturing systems: branch and bound based approaches**
ÖZPEYNİRCİ S., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.47, sa.21, ss.5941-5958, 2009 (SCI-Expanded)
- XXXIV. **Single machine scheduling with preventive maintenances**
Batun S., Azizoglu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.47, sa.7, ss.1753-1771, 2009 (SCI-Expanded)
- XXXV. **A fixed job scheduling problem with machine-dependent job weights**
Eliyi D. T., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.47, sa.9, ss.2231-2256, 2009 (SCI-Expanded)
- XXXVI. **Minimizing the number of tool switching instants in Flexible Manufacturing Systems**
Konak A., Kulturel-Konak S., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.116, sa.2, ss.298-307, 2008 (SCI-Expanded)
- XXXVII. **Operational fixed interval scheduling problem on uniform parallel machines**
Bekki O. B., Azizglu M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.112, sa.2, ss.756-768, 2008 (SCI-Expanded)
- XXXVIII. **Bi criteria flexible assembly line design problem with equipment decisions**

- Pekin N., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.46, sa.22, ss.6323-6343, 2008 (SCI-Expanded)
- XXXIX. **The tool transporter movements problem in flexible manufacturing systems**
Karzan F. K., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.46, sa.11, ss.3059-3084, 2008 (SCI-Expanded)
- XL. **Flow shop-sequencing problem with synchronous transfers and makespan minimization**
Soylu B., Kirca O., Azizoglu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.45, sa.15, ss.3311-3331, 2007 (SCI-Expanded)
- XLI. **Spread time considerations in operational fixed job scheduling**
Eliiyi D. T., Azizoglu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.44, sa.20, ss.4343-4365, 2006 (SCI-Expanded)
- XLII. **Capacity and tool allocation problem in flexible manufacturing systems**
Bilgin S., Azizoglu M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.57, sa.6, ss.670-681, 2006 (SCI-Expanded)
- XLIII. **Minimizing total flow time on a single flexible machine**
Karakayali I., Azizoglu M.
INTERNATIONAL JOURNAL OF FLEXIBLE MANUFACTURING SYSTEMS, cilt.18, sa.1, ss.55-73, 2006 (SCI-Expanded)
- XLIV. **Parallel-machine rescheduling with machine disruptions**
Azizoglu M., Alagoz O.
IIE TRANSACTIONS, cilt.37, sa.12, ss.1113-1118, 2005 (SCI-Expanded)
- XLV. **Two-machine flow shop scheduling with two criteria: Maximum earliness and makespan**
Toktaş B., AZİZOĞLU M., Köksalan S. K.
European Journal of Operational Research, cilt.157, sa.2, ss.286-295, 2004 (SCI-Expanded)
- XLVI. **Rescheduling of identical parallel machines under machine eligibility constraints**
Alagoz O., Azizoglu M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.149, sa.3, ss.523-532, 2003 (SCI-Expanded)
- XLVII. **Single machine scheduling with maximum earliness and number tardy**
Azizoglu M., Kondakci S., Koksalan M.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.45, sa.2, ss.257-268, 2003 (SCI-Expanded)
- XLVIII. **Preemptive scheduling on identical parallel machines subject to deadlines**
Azizoglu M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.148, sa.1, ss.205-210, 2003 (SCI-Expanded)
- XLIX. **Scheduling to minimize maximum earliness and number of tardy jobs where machine idle time is allowed**
Azizoglu M., Koksalan M., Koksalan S.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, cilt.54, sa.6, ss.661-664, 2003 (SCI-Expanded)
- L. **Scheduling parallel machines to minimize weighted flowtime with family set-up times**
Azizoglu M., Webster S.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.41, sa.6, ss.1199-1215, 2003 (SCI-Expanded)
- LI. **A flexible flowshop problem with total flow time minimization**
Azizoglu M., Cakmak E., Kondakci S.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.132, sa.3, ss.528-538, 2001 (SCI-Expanded)
- LII. **Scheduling a batch processing machine with incompatible job families**
Azizoglu M., Webster S.
COMPUTERS & INDUSTRIAL ENGINEERING, cilt.39, ss.325-335, 2001 (SCI-Expanded)
- LIII. **Dynamic programming algorithms for scheduling parallel machines with family setup times**
Webster S., Azizoglu M.
COMPUTERS & OPERATIONS RESEARCH, cilt.28, sa.2, ss.127-137, 2001 (SCI-Expanded)
- LIV. **Scheduling a batch processing machine with non-identical job sizes**
Azizoglu M., Webster S.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, cilt.38, sa.10, ss.2173-2184, 2000 (SCI-Expanded)

- LV. On the minimization of total weighted flow time with identical and uniform parallel machines**
Azizoglu M., Kirca O.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.113, sa.1, ss.91-100, 1999 (SCI-Expanded)
- LVI. Scheduling jobs on unrelated parallel machines to minimize regular total cost functions**
Azizoglu M., Kirca O.
IIE TRANSACTIONS, cilt.31, sa.2, ss.153-159, 1999 (SCI-Expanded)
- LVII. Tardiness minimization on parallel machines**
AZİZOĞLU M., KIRCA Ö.
International Journal of Production Economics, cilt.55, sa.2, ss.163-168, 1998 (SCI-Expanded)
- LVIII. Minimizing flowtime and maximum earliness on a single machine**
Koksalan M., Azizoglu M., Kondakci S.
IIE TRANSACTIONS, cilt.30, sa.2, ss.192-200, 1998 (SCI-Expanded)
- LIX. Scheduling about an unrestricted common due window with arbitrary earliness/tardiness penalty rates**
Azizoglu M., Webster S.
IIE TRANSACTIONS, cilt.29, sa.11, ss.1001-1006, 1997 (SCI-Expanded)
- LX. Scheduling job families about an unrestricted common due date on a single machine**
Azizoglu M., Webster S.
International Journal of Production Research, cilt.35, sa.5, ss.1321-1330, 1997 (SCI-Expanded)
- LXI. Note: Bicriteria scheduling for minimizing flow time and maximum tardiness**
Kondakci S., Azizoglu M., Koksalan M.
NAVAL RESEARCH LOGISTICS, cilt.43, sa.6, ss.929-936, 1996 (SCI-Expanded)
- LXII. AN EFFICIENT ALGORITHM FOR THE SINGLE-MACHINE TARDINESS PROBLEM**
KONDAKCI S., KIRCA O., AZIZOGLU M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.36, sa.2, ss.213-219, 1994 (SCI-Expanded)
- LXIII. BICRITERIA SCHEDULING PROBLEM INVOLVING TOTAL TARDINESS AND TOTAL EARLINESS PENALTIES**
AZIZOGLU M., KONDAKCI S., KIRCA O.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, cilt.23, ss.17-24, 1991 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. TWO DIMENSIONAL CUTTING STOCK PROBLEM WITH MULTIPLE STOCK SIZES**
Ayasandır U., Azizoğlu M.
INTERNATIONAL JOURNAL OF MANUFACTURING TECHNOLOGY AND MANAGEMENT, cilt.38, sa.2, ss.95-125, 2024 (Scopus)
- II. An integrated inventory and distribution planning problem for the blood products: An application for the Turkish Red Crescent**
Kurt A., AZİZOĞLU M., Cetinkaya F. C.
DECISION SCIENCE LETTERS, sa.2, ss.315-332, 2023 (ESCI)
- III. A Disassembly Line Balancing Problem with Hazardous Task Failures**
Goksoy Kalaycilar E., Batun S., Azizoğlu M.
IFAC PapersOnLine, cilt.55, sa.10, ss.458-465, 2022 (Scopus)
- IV. An Exact Solution Approach to the Type-II Transfer Line Balancing Problem**
Telemeci Y. E., Azizoğlu M.
IFAC PapersOnLine, cilt.55, sa.10, ss.442-447, 2022 (Scopus)
- V. A Branch and Bound Algorithm for a Multi-Mode Project Scheduling Problem With a Single Non-Renewable Resource**
Altıntaş C., Azizoğlu M.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT, cilt.11, sa.2, ss.1-14, 2020

(ESCI)

- VI. **A Resource Constrained Project Scheduling Problem With Multi-Modes**
Altintas C., Azizoğlu M.
INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT, cilt.11, sa.1, ss.55-70, 2020
(ESCI)
- VII. **New heuristics for the balanced k-Chinese postmen problem**
Limon Y., Azizoğlu M.
International Journal of Planning and Scheduling, cilt.2, sa.4, ss.331-349, 2018 (Hakemli Dergi)
- VIII. **EXACT SOLUTION APPROACHES FOR THE DIRECTED BI-OBJECTIVE CHINESE POSTMAN PROBLEM**
Eroglu E., Azizoğlu M.
Endüstri Mühendisliği, cilt.29, sa.1, ss.15-30, 2018 (Hakemli Dergi)
- IX. **PARALLEL PRODUCTION LINES WITH SEQUENCE-DEPENDENT SETUP TIMES AND SIDE CONSTRAINTS**
Sargut Z., Azizoğlu M.
Endüstri Mühendisliği, cilt.28, sa.4, ss.7-22, 2017 (Hakemli Dergi)
- X. **A branch and bound algorithm for project scheduling problem with discounted cash flows**
Comert A., Azizoğlu M.
International Journal of Planning and Scheduling, cilt.2, sa.3, ss.233-251, 2016 (Hakemli Dergi)
- XI. **Assessment of criteria - rich rankings for environmental policy making**
Yeralan S., Ozdoglar M. R., AZİZOĞLU M.
International Journal of Multicriteria Decision Making, cilt.1, sa.3, ss.280-297, 2011 (Scopus)
- XII. **Parallel machine scheduling with family setup times to minimize total flowtime**
Azizoğlu M., Çağici T., Kondakci S.
International Journal of Operations and Quantitative Management, cilt.8, sa.1, ss.47-56, 2002 (Scopus)
- XIII. **Two Heuristic Approaches for the Total Tardiness Problem**
Azizoğlu M., Kondakci S.
Endüstri Mühendisliği, cilt.1, ss.1-20, 1994 (Hakemli Dergi)
- XIV. **Minimizing Total Tardiness on a Single Machine**
Azizoğlu M., Kondakci S., Kirca Ö.
Endüstri Mühendisliği, cilt.1, ss.1-20, 1990 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **An Airport Gate Reassignment Model with Gate Disruptions**
Poyraz D., Azizoğlu M.
International Conference on Industrial Engineering and Operations Management , İstanbul, Türkiye, 7 - 10 Mart 2022, ss.88-89
- II. **İki Amaçlı Sağlık Projelerinin Çizelgelenmesi İçin Yaklaşımlar**
AKBUDAK Ö., AZİZOĞLU M., KARAKAYA G.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi (YA/EM 2021), İstanbul, Türkiye, 5 - 07 Temmuz 2021, ss.31-32
- III. **Stochastic Disassembly Line Balancing Problem with Hazardous Tasks**
Göksoy Kalaycılar E., Batun S., Azizoğlu M.
European Conference on Operational Research, Dublin, İrlanda, 23 - 26 Haziran 2019, ss.320
- IV. **A branch-and-bound algorithm for airport gate assignment problem**
Alanli K., Karsu O., Azizoğlu M.
European Conference on Operational Research, Dublin, İrlanda, 23 - 26 Haziran 2019, ss.217
- V. **Multiple stock size two dimensional cutting stock problem - an application to a marble company**
Ayasandır U., AZİZOĞLU M., Koksalan M.
EURO2018, 8 - 11 Temmuz 2018
- VI. **Solution Approaches for a Project Scheduling Problem with Multiple Modes and a Single**

Nonrenewable Resource

ALTINTAS C., AZİZOĞLU M.

INFORMS 2017, 22 Ekim 2217 - 25 Ekim 2017

VII. Resource Constrained Project Scheduling Problem with Multiple Modes

ALTINTAŞ C., AZİZOĞLU M.

16th Production Research Symposium, 6 - 09 Ekim 2016

VIII. A Blood Distribution System An Application to Turkish Red Crescent

KURT A., AZİZOĞLU M., ÇETİNKAYA F. C.

INFORMS 2016, 3 - 06 Temmuz 2016

IX. A Project Scheduling Problem with Nonrenewable Resources

ALTINTAŞ C., AZİZOĞLU M.

Informs 2016, 3 - 06 Temmuz 2016

X. Capacity and tool allocation problem in flexible manufacturing systems

Bilgin S., AZİZOĞLU M.

35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Türkiye, 19 - 22 Haziran 2005, ss.309-314

XI. Minimizing the number of tool transporter movements in flexible manufacturing systems

Kilinç F., AZİZOĞLU M.

35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Türkiye, 19 - 22 Haziran 2005, ss.1159-1164

XII. Rescheduling with total flow time and number of disrupted jobs criteria

Özlen M., AZİZOĞLU M.

35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Türkiye, 19 - 22 Haziran 2005, ss.1529-1534

Bilimsel Dergilerdeki Faaliyetler

International Journal of Planning and Scheduling, Editörler Kurulu Üyesi, 2009 - Devam Ediyor

Endüstri Mühendisliği, Editörler Kurulu Üyesi, 2010 - 2017

Metrikler

Yayın: 89

Atıf (WoS): 1372

Atıf (Scopus): 1588

H-İndeks (WoS): 22

H-İndeks (Scopus): 24

Ödüller

Azizoğlu M., Araştırma Teşvik Ödülü, Mustafa Parlar Vakfı, Aralık 2004

Azizoğlu M., TUBİTAK Araştırma Teşvik Ödülü, Tübitak, Aralık 2002

Akademi Dışı Deneyim

METU

METU

METU

Syracuse University

METU

Columbia University

Columbia University

University of Wisconsin-Madison

METU