

Prof. MERAL AZİZOĞLU

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, Turkey 1989 - 1994

Dissertations

Doctorate, Parallel machine scheduling to minimize total cost functions, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 1994

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 1996 - Continues

Academic and Administrative Experience

Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2016 - 2017

Head of Department, Middle East Technical University, Faculty of Engineering, 2016 - 2017

Erasmus Coordinator, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 2011 - 2017

Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Industrial Engineering, 1999 - 2001

Advising Theses

Azizoğlu M., TWO DIMENSIONAL CUTTING STOCK PROBLEM WITH MULTIPLE STOCK SIZES, Postgraduate, U.AYASANDIR(Student), 2019

Azizoğlu M., REBALANCING IN ASSEMBLY LINES, Postgraduate, U.GİRİT(Student), 2019

Azizoğlu M., Type-II Transfer Line Balancing Problem, Postgraduate, Y.ERSİN(Student), 2019

Azizoğlu M., A Branch-and-Bound Algorithm for Airport Gate Assignment Problem, Postgraduate, K.ALANLI(Student), 2019

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

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

AZİZOĞLU M., KARASAKAL E., Bicriteria bin packing problem with deviation based objectives, Postgraduate, A.ÖYLEK(Student), 2015

AZİZOĞLU M., A single Chinese Postman Problem with two objectives, Postgraduate, E.EROĞLU(Student), 2015

AZİZOĞLU M., Rebalancing of assembly lines, Postgraduate, E.SANCI(Student), 2015

AZİZOĞLU M., On the balanced k-Chinese postmen problems, Postgraduate, Y.LİMON(Student), 2015

AZİZOĞLU M., Workload smoothing in assembly lines, Postgraduate, S.İMAT(Student), 2014

AZİZOĞLU M., A project payment scheduling problem with discounted cash flows, Postgraduate, A.CÖMERT(Student), 2014

AZİZOĞLU M., Flexible U-shaped assembly line design problem, Postgraduate, A.DİLEK(Student), 2013

AZİZOĞLU M., Solution approaches for flexible job shop scheduling problems, Postgraduate, Ş.AYTUĞ(Student), 2013

AZİZOĞLU M., Resource investment problem with time/resource trade-offs, Postgraduate, E.ÇOLAK(Student), 2011

AZİZOĞLU M., Modeling the dynamics of creative industries : the case of film industries, Postgraduate, S.Oruç(Student), 2010

AZİZOĞLU M., Multi resource agent bottleneck generalized assignment problem, Postgraduate, Ö.KARABULUT(Student), 2010

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

AZİZOĞLU M., Modeling dynamic systems of creative industries: The case of film industries, Postgraduate, S.ORUÇ(Student), 2010

AZİZOĞLU M., Assessment of criteria-rich rankings for decision makers, Postgraduate, M.RAŞİT(Student), 2010

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

AZİZOĞLU M., Flexible assembly line design problem with fixed number of workstations, Postgraduate, Ş.BARUTÇUOĞLU(Student), 2009

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

AZİZOĞLU M., Trade-off models in sustainable system engineering, Postgraduate, M.ONUR(Student), 2009

AZİZOĞLU M., The cardinality constrained multiple knapsack problem, Postgraduate, M.ASLAN(Student), 2008

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

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

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

AZİZOĞLU M., Multi criteria assembly line balancing problem with equipment decisions, Postgraduate, N.PEKİN(Student), 2006

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

AZİZOĞLU M., Machine scheduling with preventive maintenances, Postgraduate, S.BATUN(Student), 2006

AZİZOĞLU M., Part selection problem in disassembly systems, Postgraduate, A.YETERE(Student), 2006

AZİZOĞLU M., The tool transporter movements problem in flexible manufacturing systems, Postgraduate, F.KILINÇ(Student), 2005

AZİZOĞLU M., The tools transporter movements problem in flexible manufacturing systems, Postgraduate, F.Kılınç(Student), 2005

AZİZOĞLU M., A capacity allocation problem in flexible manufacturing systems, Postgraduate, S.BİLGİN(Student), 2004

AZİZOĞLU M., Operational fixed job scheduling problem, Doctorate, D.TÜRSEL(Student), 2004

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

SÜRAL H., AZİZOĞLU M., Scheduling with discounted revenues, Postgraduate, A.KICIROĞLU(Student), 2003

AZİZOĞLU M., A tool switching problem in flexible manufacturing systems, Postgraduate, İ.KARAKAYALI(Student), 2003
 AZİZOĞLU M., Uniform parallel machine scheduling with family set-up times, Postgraduate, M.TAMER(Student), 2003
 AZİZOĞLU M., Fixed job scheduling on uniform parallel machines, Postgraduate, Ö.BARIŞ(Student), 2003
 AZİZOĞLU M., KARASAKAL E., Bi-objective bin packing problems, Postgraduate, I.LILCAK(Student), 2003
 AZİZOĞLU M., KIRCA Ö., A Mixed model line sequencing problem with makespan minimization., Postgraduate, B.SOYLU(Student), 2002
 GÜVEN S., AZİZOĞLU M., Fleet assignment and aircraft routing problem in an airline company., Postgraduate, Z.Canan(Student), 2002
 AZİZOĞLU M., Assembly line balancing with station paralleling, Postgraduate, Y.EGE(Student), 2001
 AZİZOĞLU M., Rescheduling under machine disruptions, Postgraduate, O.ALAGÖZ(Student), 2000
 AZİZOĞLU M., A Bicriteria approach to the two-machine flowshop scheduling problem, Postgraduate, B.TOKTAŞ(Student), 2000
 AZİZOĞLU M., Rescheduling under machine disruptions, Postgraduate, O.Alagöz(Student), 2000
 AZİZOĞLU M., Parallel machine scheduling with family setup times, Postgraduate, T.TUNGA(Student), 1999
 AZİZOĞLU M., Shifting bottleneck heuristic for job-shop scheduling, Postgraduate, M.İNAN(Student), 1999
 AZİZOĞLU M., Shifting bottleneck heuristics for job-shop scheduling, Postgraduate, M.İnan(Student), 1999

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

- I. **Exact and heuristic solution approaches for the airport gate assignment problem**
 Karsu Ö., AZİZOĞLU M., Alanlı K.
 Omega (United Kingdom), vol.103, 2021 (Journal Indexed in SCI)
- II. **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, 2021 (Journal Indexed in SCI)
- III. **Rebalancing the assembly lines with total squared workload and total replacement distance objectives**
 Girit U., AZİZOĞLU M.
 International Journal of Production Research, 2020 (Journal Indexed in SCI)
- IV. **An exact algorithm for the minimum squared load assignment problem**
 Karsu Ö., AZİZOĞLU M.
 Computers and Operations Research, vol.106, pp.76-90, 2019 (Journal Indexed in SCI)
- V. **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, vol.13, no.3, pp.332-367, 2019 (Journal Indexed in SCI)
- VI. **Workload smoothing in simple assembly line balancing**
 AZİZOĞLU M., İmat S.
 COMPUTERS & OPERATIONS RESEARCH, vol.89, pp.51-57, 2018 (Journal Indexed in SCI)
- VII. **Solution approaches to the blood distribution problem of the Turkish Red Crescent**
 Kurt A., AZİZOĞLU M., ÇETİNKAYA F. C.
 EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.12, no.3, pp.405-441, 2018 (Journal Indexed in SCI)
- VIII. **Rebalancing the assembly lines: exact solution approaches**
 Sancı E., AZİZOĞLU M.
 INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.55, no.20, pp.5991-6010, 2017 (Journal Indexed in SCI)
- IX. **A disassembly line balancing problem with fixed number of workstations**
 Kalaycılar E. G. , AZİZOĞLU M., Yeralan S.
 EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.249, no.2, pp.592-604, 2016 (Journal Indexed in SCI)
- X. **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, vol.36, pp.46-54, 2015 (Journal Indexed in SCI)

- XI. **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, vol.9, no.4, pp.450-469, 2015 (Journal Indexed in SCI)
- XII. **Bicriteria Multiresource Generalized Assignment Problem**
Karsu O., AZİZOĞLU M.
NAVAL RESEARCH LOGISTICS, vol.61, no.8, pp.621-636, 2014 (Journal Indexed in SCI)
- XIII. **A resource investment problem with time/resource trade-offs**
Colak E., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.65, no.5, pp.777-790, 2014 (Journal Indexed in SCI)
- XIV. **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, vol.64, no.10, pp.1474-1484, 2013 (Journal Indexed in SCI)
- XV. **Optimising a nonlinear utility function in multi-objective integer programming**
Ozlen M., AZİZOĞLU M., Burton B. A.
JOURNAL OF GLOBAL OPTIMIZATION, vol.56, no.1, pp.93-102, 2013 (Journal Indexed in SCI)
- XVI. **The multi-resource agent bottleneck generalised assignment problem**
Karsu O., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.50, no.2, pp.309-324, 2012 (Journal Indexed in SCI)
- XVII. **Heuristics for operational fixed job scheduling problems with working and spread time constraints**
Eliyi D. T. , AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.132, no.1, pp.107-121, 2011 (Journal Indexed in SCI)
- XVIII. **Rescheduling unrelated parallel machines with total flow time and total disruption cost criteria**
Ozlen M., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.62, no.1, pp.152-164, 2011 (Journal Indexed in SCI)
- XIX. **Flexible assembly line design problem with fixed number of workstations**
Barutcuoglu S., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.49, no.12, pp.3691-3714, 2011 (Journal Indexed in SCI)
- XX. **A Lagrangean relaxation based approach for the capacity allocation problem in flexible manufacturing systems**
ÖZPEYNİRCİ S., AZİZOĞLU M.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.61, no.5, pp.872-877, 2010 (Journal Indexed in SCI)
- XXI. **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, vol.61, no.4, pp.676-685, 2010 (Journal Indexed in SCI)
- XXII. **Working time constraints in operational fixed job scheduling**
Eliyi D. T. , AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.48, no.21, pp.6211-6233, 2010 (Journal Indexed in SCI)
- XXIII. **Multi-objective integer programming: A general approach for generating all non-dominated solutions**
Oezlen M., AZİZOĞLU M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.199, no.1, pp.25-35, 2009 (Journal Indexed in SCI)
- XXIV. **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)
- XXV. **Bounding approaches for operation assignment and capacity allocation problem in flexible manufacturing systems**
ÖZPEYNİRCİ S., AZİZOĞLU M.
COMPUTERS & OPERATIONS RESEARCH, vol.36, no.9, pp.2531-2540, 2009 (Journal Indexed in SCI)
- XXVI. **Beam search algorithm for capacity allocation problem in flexible manufacturing systems**
Ozpeynirci S. B. , AZİZOĞLU M.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.56, no.4, pp.1464-1473, 2009 (Journal Indexed in SCI)
- XXVII. **Operation assignment and capacity allocation problem in automated manufacturing systems**
Bilgin S., AZİZOĞLU M.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.56, no.2, pp.662-676, 2009 (Journal Indexed in SCI)
- XXVIII. **Generating all efficient solutions of a rescheduling problem on unrelated parallel machines**
Ozlen M., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.19, pp.5245-5270, 2009 (Journal Indexed in SCI)
- XXIX. **Capacity allocation problem in flexible manufacturing systems: branch and bound based approaches**
ÖZPEYNİRCİ S., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.21, pp.5941-5958, 2009 (Journal Indexed in SCI)
- XXX. **Single machine scheduling with preventive maintenances**
Batun S., Azizoğlu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.7, pp.1753-1771, 2009 (Journal Indexed in SCI)
- XXXI. **A fixed job scheduling problem with machine-dependent job weights**
Eliyi D. T. , AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.9, pp.2231-2256, 2009 (Journal Indexed in SCI)
- XXXII. **Minimizing the number of tool switching instants in Flexible Manufacturing Systems**
Konak A., Kulturel-Konak S., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.116, no.2, pp.298-307, 2008 (Journal Indexed in SCI)
- XXXIII. **Operational fixed interval scheduling problem on uniform parallel machines**
Bekki O. B. , Azizglu M.
INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.112, no.2, pp.756-768, 2008 (Journal Indexed in SCI)
- XXXIV. **Bi criteria flexible assembly line design problem with equipment decisions**
Pekin N., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.46, no.22, pp.6323-6343, 2008 (Journal Indexed in SCI)
- XXXV. **The tool transporter movements problem in flexible manufacturing systems**
Karzan F. K. , AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.46, no.11, pp.3059-3084, 2008 (Journal Indexed in SCI)
- XXXVI. **Flow shop-sequencing problem with synchronous transfers and makespan minimization**
Soylu B., Kirca O., Azizoglu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.45, no.15, pp.3311-3331, 2007 (Journal Indexed in SCI)
- XXXVII. **Spread time considerations in operational fixed job scheduling**
Eliyi D. T. , Azizoglu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.44, no.20, pp.4343-4365, 2006 (Journal Indexed in SCI)
- XXXVIII. **Capacity and tool allocation problem in flexible manufacturing systems**
Bilgin S., Azizoglu M.

- JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, vol.57, no.6, pp.670-681, 2006 (Journal Indexed in SCI)
- XXXIX. **Minimizing total flow time on a single flexible machine**
Karakayali I, Azizoglu M.
INTERNATIONAL JOURNAL OF FLEXIBLE MANUFACTURING SYSTEMS, vol.18, no.1, pp.55-73, 2006 (Journal Indexed in SCI)
- XL. **Parallel-machine rescheduling with machine disruptions**
Azizoglu M, Alagoz O.
IIE TRANSACTIONS, vol.37, no.12, pp.1113-1118, 2005 (Journal Indexed in SCI)
- XLI. **Two-machine flow shop scheduling with two criteria: Maximum earliness and makespan**
Toktaş B., AZİZOĞLU M., Köksalan S. K.
European Journal of Operational Research, vol.157, no.2, pp.286-295, 2004 (Journal Indexed in SCI)
- XLII. **Rescheduling of identical parallel machines under machine eligibility constraints**
Alagoz O., Azizoglu M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.149, no.3, pp.523-532, 2003 (Journal Indexed in SCI)
- XLIII. **Single machine scheduling with maximum earliness and number tardy**
Azizoglu M., Kondakci S., Koksalan M.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.45, no.2, pp.257-268, 2003 (Journal Indexed in SCI)
- XLIV. **Preemptive scheduling on identical parallel machines subject to deadlines**
Azizoglu M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.148, no.1, pp.205-210, 2003 (Journal Indexed in SCI)
- XLV. **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, vol.54, no.6, pp.661-664, 2003 (Journal Indexed in SCI)
- XLVI. **Scheduling parallel machines to minimize weighted flowtime with family set-up times**
Azizoglu M., Webster S.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.41, no.6, pp.1199-1215, 2003 (Journal Indexed in SCI)
- XLVII. **A flexible flowshop problem with total flow time minimization**
Azizoglu M., Cakmak E., Kondakci S.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.132, no.3, pp.528-538, 2001 (Journal Indexed in SCI)
- XLVIII. **Scheduling a batch processing machine with incompatible job families**
Azizoglu M., Webster S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.39, pp.325-335, 2001 (Journal Indexed in SCI)
- XLIX. **Dynamic programming algorithms for scheduling parallel machines with family setup times**
Webster S., Azizoglu M.
COMPUTERS & OPERATIONS RESEARCH, vol.28, no.2, pp.127-137, 2001 (Journal Indexed in SCI)
- L. **Scheduling a batch processing machine with non-identical job sizes**
Azizoglu M., Webster S.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.38, no.10, pp.2173-2184, 2000 (Journal Indexed in SCI)
- LI. **On the minimization of total weighted flow time with identical and uniform parallel machines**
Azizoglu M., Kirca O.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.113, no.1, pp.91-100, 1999 (Journal Indexed in SCI)
- LII. **Scheduling jobs on unrelated parallel machines to minimize regular total cost functions**
Azizoglu M., Kirca O.
IIE TRANSACTIONS, vol.31, no.2, pp.153-159, 1999 (Journal Indexed in SCI)
- LIII. **Tardiness minimization on parallel machines**
AZİZOĞLU M., KIRCA Ö.
International Journal of Production Economics, vol.55, no.2, pp.163-168, 1998 (Journal Indexed in SCI)
- LIV. **Minimizing flowtime and maximum earliness on a single machine**

- Koksalan M., Azizoglu M., Kondakci S.
 IIE TRANSACTIONS, vol.30, no.2, pp.192-200, 1998 (Journal Indexed in SCI)
- LV. Scheduling about an unrestricted common due window with arbitrary earliness/tardiness penalty rates**
 Azizoglu M., Webster S.
 IIE TRANSACTIONS, vol.29, no.11, pp.1001-1006, 1997 (Journal Indexed in SCI)
- LVI. Scheduling job families about an unrestricted common due date on a single machine**
 Azizoglu M., Webster S.
 International Journal of Production Research, vol.35, no.5, pp.1321-1330, 1997 (Journal Indexed in SCI)
- LVII. Note: Bicriteria scheduling for minimizing flow time and maximum tardiness**
 Kondakci S., Azizoglu M., Koksalan M.
 NAVAL RESEARCH LOGISTICS, vol.43, no.6, pp.929-936, 1996 (Journal Indexed in SCI)
- LVIII. AN EFFICIENT ALGORITHM FOR THE SINGLE-MACHINE TARDINESS PROBLEM**
 KONDAKCI S., KIRCA O., AZIZOGLU M.
 INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.36, no.2, pp.213-219, 1994 (Journal Indexed in SCI)
- LIX. BICRITERIA SCHEDULING PROBLEM INVOLVING TOTAL TARDINESS AND TOTAL EARLINESS PENALTIES**
 AZIZOGLU M., KONDAKCI S., KIRCA O.
 INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.23, pp.17-24, 1991 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. 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, vol.11, no.2, pp.1-14, 2020 (Journal Indexed in ESCI)
- II. A Resource Constrained Project Scheduling Problem With Multi-Modes**
 Altintas C., Azizoğlu M.
 INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY PROJECT MANAGEMENT, vol.11, no.1, pp.55-70, 2020 (Journal Indexed in ESCI)
- III. New heuristics for the balanced k-Chinese postmen problem**
 Limon Y., Azizoğlu M.
 International Journal of Planning and Scheduling, vol.2, no.4, pp.331-349, 2018 (Refereed Journals of Other Institutions)
- IV. EXACT SOLUTION APPROACHES FOR THE DIRECTED BI-OBJECTIVE CHINESE POSTMAN PROBLEM**
 Eroglu E., Azizoğlu M.
 Endüstri Mühendisliği, vol.29, no.1, pp.15-30, 2018 (Other Refereed National Journals)
- V. PARALLEL PRODUCTION LINES WITH SEQUENCE-DEPENDENT SETUP TIMES AND SIDE CONSTRAINTS**
 Sargut Z., Azizoğlu M.
 Endüstri Mühendisliği, vol.28, no.4, pp.7-22, 2017 (Other Refereed National Journals)
- VI. A branch and bound algorithm for project scheduling problem with discounted cash flows**
 Comert A., Azizoğlu M.
 International Journal of Planning and Scheduling, vol.2, no.3, pp.233-251, 2016 (Refereed Journals of Other Institutions)
- VII. Assessment of criteria - rich rankings for environmental policy making**
 Yeralan S., Ozdoglar M. R. , AZIZOĞLU M.
 International Journal of Multicriteria Decision Making, vol.1, no.3, pp.280-297, 2011 (Refereed Journals of Other Institutions)
- VIII. Parallel machine scheduling with family setup times to minimize total flowtime**

Azizoğlu M., Çağıcı T., Kondakci S.

International Journal of Operations and Quantitative Management, vol.8, no.1, pp.47-56, 2002 (Refereed Journals of Other Institutions)

IX. Two Heuristic Approaches for the Total Tardiness Problem

Azizoğlu M., Kondakci S.

Endüstri Mühendisliği, vol.1, pp.1-20, 1994 (Other Refereed National Journals)

X. Minimizing Total Tardiness on a Single Machine

Azizoğlu M., Kondakci S., Kırca Ö.

Endüstri Mühendisliği, vol.1, pp.1-20, 1990 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **İki Amaçlı Sağlık Projelerinin Çizelgelenmesi İçin Yaklaşımlar**
AKBUDAK Ö., AZİZOĞLU M., KARAKAYA G.
40. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi (YA/EM 2021), İstanbul, Turkey, 5 - 07 July 2021, pp.31-32
- II. **Stochastic Disassembly Line Balancing Problem with Hazardous Tasks**
Göksoy Kalaycılar E., Batun S., Azizoğlu M.
European Conference on Operational Research, Dublin, Ireland, 23 - 26 June 2019, pp.320
- III. **A branch-and-bound algorithm for airport gate assignment problem**
Alanlı K., Karsu O., Azizoğlu M.
European Conference on Operational Research, Dublin, Ireland, 23 - 26 June 2019, pp.217
- IV. **Multiple stock size two dimensional cutting stock problem - an application to a marble company**
Ayasandır U., AZİZOĞLU M., Koksalan M.
EURO2018, 8 - 11 July 2018
- V. **Solution Approaches for a Project Scheduling Problem with Multiple Modes and a Single Nonrenewable Resource**
ALTINTAS C., AZİZOĞLU M.
INFORMS 2017, 22 October 2017 - 25 October 2017
- VI. **Resource Constrained Project Scheduling Problem with Multiple Modes**
ALTINTAŞ C., AZİZOĞLU M.
16th Production Research Symposium, 6 - 09 October 2016
- VII. **A Project Scheduling Problem with Nonrenewable Resources**
ALTINTAŞ C., AZİZOĞLU M.
Informs 2016, 3 - 06 July 2016
- VIII. **A Blood Distribution System An Application to Turkish Red Crescent**
KURT A., AZİZOĞLU M., ÇETİNKAYA F. C.
INFORMS 2016, 3 - 06 July 2016
- IX. **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, Turkey, 19 - 22 June 2005, pp.1529-1534
- 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, Turkey, 19 - 22 June 2005, pp.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, Turkey, 19 - 22 June 2005, pp.1159-1164

Activities in Scientific Journals

International Journal of Planning and Scheduling, Committee Member, 2009 - Continues
Endüstri Mühendisliđi, Committee Member, 2010 - 2017

Citations

Total Citations (WOS):1076
h-index (WOS):20

Awards

Azizođlu M., Arařtırma Teřvik Ödülü, Mustafa Parlar Vakfi, December 2004
Azizođlu M., TUBITAK Arařtırma Teřvik Ödülü, Tübitak, December 2002