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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, 2003 - Continues

Academic and Administrative Experience

Head of Department, Middle East Technical University, Faculty of Engineering, 2016 - 2017
Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Industrial 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., AN AIRPORT GATE REASSIGNMENT PROBLEM WITH TWO CRITERIA, Postgraduate, D.DENİZ(Student), 2022

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

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

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

AZİZOĞLU M., An integrated cutting stock and lot sizing problem, Postgraduate, A.BURCU(Student), 2021

Batun S., Azizoğlu M., A stochastic disassembly line balancing problem with hazardous tasks, Doctorate, E.Göksoy(Student), 2020

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

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

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

Azizoğlu M., Type-II Transfer Line Balancing Problem, Postgraduate, Y.ERSİN(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., 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., 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., 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., Solution approaches for flexible job shop scheduling problems, Postgraduate, Ş.AYTUĞ(Student), 2013

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

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

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

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

AZİZOĞLU M., Disassembly line balancing problem with fixed number of workstations and finite supply, Postgraduate, E.GÖKSOY(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., Assessment of criteria-rich rankings for decision makers, Postgraduate, M.RAŞİT(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 budget constrained discrete time/cost trade-off problem in project networks, Postgraduate, G.DEĞİRMENCİ(Student), 2008

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

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

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

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

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

AZİZOĞLU M., Machine scheduling with preventive maintenances, Postgraduate, S.BATUN(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., The tools transporter movements problem in flexible manufacturing sysems, Postgraduate, F.Kılınç(Student), 2005

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

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

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

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

AZİZOĞLU M., KARASAKAL E., Bi-objective bin packing problems, Postgraduate, I.ILICAK(Student), 2003

AZİZOĞLU M., Fixed job scheduling on uniform parallel machines, Postgraduate, Ö.BARIŞ(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., SÜRAL H., Scheduling with discounted revenues, Postgraduate, A.KICIROĞLU(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 disraptions, Postgraduate, O.ALAGÖZ(Student), 2000

AZİZOĞLU M., Parallel machine scheduling with family setup times, Postgraduate, T.TUNGA(Student), 1999

AZİZOĞLU M., Shifting bottleneck heuristics for job-shop scheduling, Postgraduate, M.İnan(Student), 1999

AZİZOĞLU M., Shifting battleneck heuristic for job-shop scheduling, Postgraduate, M.İNAN(Student), 1999

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Type-II transfer line Balancing problem – A branch and bound approach**
Ersin Telemeci Y., AZİZOĞLU M.
Computers and Industrial Engineering, vol.198, 2024 (SCI-Expanded)

II. **Disassembly line balancing with hazardous task failures – Model based solution approaches**
Goksoy Kalaycilar E., AZİZOĞLU M., BATUN S.
Computers and Industrial Engineering, vol.190, 2024 (SCI-Expanded)

III. **An airport gate reassignment problem with gate closures**
Poyraz D. D., Azizoğlu M.
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IV. **An integrated two dimensional cutting stock and lot sizing problem with two criteria**
Sanan A. B., AZİZOĞLU M.
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.17, no.5, pp.766-794, 2023 (SCI-Expanded)

V. **A stochastic programming approach for the disassembly line balancing with hazardous task failures**
Kalaycilar E. G., Batun S., Azizoğlu M.
International Journal of Production Research, vol.60, no.10, pp.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, vol.59, no.22, pp.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), vol.103, 2021 (SCI-Expanded)

VIII. **An exact algorithm for the minimum squared load assignment problem**
Karsu Ö., AZİZOĞLU M.
Computers and Operations Research, vol.106, pp.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, vol.13, no.3, pp.332-367, 2019 (SCI-Expanded)

X. **Workload smoothing in simple assembly line balancing**
AZİZOĞLU M., Imat S.
COMPUTERS & OPERATIONS RESEARCH, vol.89, pp.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, vol.12, no.3, pp.405-441, 2018 (SCI-Expanded)

XII. **Rebalancing the assembly lines: exact solution approaches**
Sanci E., AZİZOĞLU M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.55, no.20, pp.5991-6010, 2017 (SCI-Expanded)

XIII. **A disassembly line balancing problem with fixed number of workstations**
Kalaycilar E. G., AZİZOĞLU M., Yeralan S.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.249, no.2, pp.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, vol.36, pp.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, vol.9, no.4, pp.450-469, 2015 (SCI-Expanded)

XVI. **Bicriteria Multiresource Generalized Assignment Problem**
Karsu O., AZİZOĞLU M.
NAVAL RESEARCH LOGISTICS, vol.61, no.8, pp.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, vol.65, no.5, pp.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, vol.64, no.10, pp.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, vol.56, no.1, pp.93-102, 2013 (SCI-Expanded)

XX. **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 (SCI-Expanded)

XXI. **Heuristics for operational fixed job scheduling problems with working and spread time constraints**

Eliiyi D. T., AZİZOĞLU M.

INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, vol.132, no.1, pp.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, vol.62, no.1, pp.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, vol.49, no.12, pp.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, vol.61, no.5, pp.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, vol.61, no.4, pp.676-685, 2010 (SCI-Expanded)

XXVI. **Working time constraints in operational fixed job scheduling**
Eliiyi D. T., AZİZOĞLU M.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.48, no.21, pp.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, vol.199, no.1, pp.25-35, 2009 (SCI-Expanded)

XXVIII. **Assembly line balancing with station paralleling**
Ege Y., AZİZOĞLU M., ÖZDEMİREL N. E.

COMPUTERS & INDUSTRIAL ENGINEERING, vol.57, no.4, pp.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, vol.36, no.9, pp.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, vol.56, no.4, pp.1464-1473, 2009 (SCI-Expanded)

XXXI. **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 (SCI-Expanded)

XXXII. **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 (SCI-Expanded)

XXXIII. **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 (SCI-Expanded)

XXXIV. **Single machine scheduling with preventive maintenances**
Batun S., Azizoğlu M.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.7, pp.1753-1771, 2009 (SCI-Expanded)

XXXV. **A fixed job scheduling problem with machine-dependent job weights**
Eliiyi D. T., AZİZOĞLU M.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.47, no.9, pp.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, vol.116, no.2, pp.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, vol.112, no.2, pp.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, vol.46, no.22, pp.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, vol.46, no.11, pp.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, vol.45, no.15, pp.3311-3331, 2007 (SCI-Expanded)

XLI. **Spread time considerations in operational fixed job scheduling**
Eliiyi D. T., Azizoglu M.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, vol.44, no.20, pp.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, vol.57, no.6, pp.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, vol.18, no.1, pp.55-73, 2006 (SCI-Expanded)

XLIV. **Parallel-machine rescheduling with machine disruptions**
Azizoglu M., Alagoz O.
IIE TRANSACTIONS, vol.37, no.12, pp.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, vol.157, no.2, pp.286-295, 2004 (SCI-Expanded)

XLVI. **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 (SCI-Expanded)

XLVII. **Single machine scheduling with maximum earliness and number tardy**
Azizoglu M., Kondakci S., Koksalan M.
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XLVIII. **Preemptive scheduling on identical parallel machines subject to deadlines**
Azizoglu M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.148, no.1, pp.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, vol.54, no.6, pp.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, vol.41, no.6, pp.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, vol.132, no.3, pp.528-538, 2001 (SCI-Expanded)

LII. **Scheduling a batch processing machine with incompatible job families**
Azizoglu M., Webster S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.39, pp.325-335, 2001 (SCI-Expanded)

LIII. **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 (SCI-Expanded)

LIV. **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 (SCI-Expanded)

LV. **On the minimization of total weighted flow time with identical and uniform parallel machines**

Azizoglu M., Kirca O.

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LVI. **Scheduling jobs on unrelated parallel machines to minimize regular total cost functions**

Azizoglu M., Kirca O.

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LVII. **Tardiness minimization on parallel machines**

AZİZOĞLU M., KIRCA Ö.

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LVIII. **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 (SCI-Expanded)

LIX. **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 (SCI-Expanded)

LX. **Scheduling job families about an unrestricted common due date on a single machine**

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International Journal of Production Research, vol.35, no.5, pp.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, vol.43, no.6, pp.929-936, 1996 (SCI-Expanded)

LXII. **AN EFFICIENT ALGORITHM FOR THE SINGLE-MACHINE TARDINESS PROBLEM**

KONDAKCI S., KIRCA O., AZIZOGLU M.

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LXIII. **BICRITERIA SCHEDULING PROBLEM INVOLVING TOTAL TARDINESS AND TOTAL EARLINESS PENALTIES**

AZIZOGLU M., KONDAKCI S., KIRCA O.

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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.

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III. **A Disassembly Line Balancing Problem with Hazardous Task Failures**

Goksoy Kalaycilar E., Batun S., Azizoğlu M.

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V. **A Branch and Bound Algorithm for a Multi-Mode Project Scheduling Problem With a Single Non-Renewable Resource**
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VII. **New heuristics for the balanced k-Chinese postmen problem**
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VIII. **EXACT SOLUTION APPROACHES FOR THE DIRECTED BI-OBJECTIVE CHINESE POSTMAN PROBLEM**
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IX. **PARALLEL PRODUCTİON LİNES WİTH SEQUENCE-DEPENDENT SETUP TİMES AND SİDE CONSTRAİNTS**
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X. **A branch and bound algorithm for project scheduling problem with discounted cash flows**
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XI. **Assessment of criteria - rich rankings for environmental policy making**
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XII. **Parallel machine scheduling with family setup times to minimize total flowtime**
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XIV. **Minimizing Total Tardiness on a Single Machine**
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Endüstri Mühendisliği, vol.1, pp.1-20, 1990 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **An Airport Gate Reassignment Model with Gate Disruptions**
Poyraz D., Azizoğlu M.
International Conference on Industrial Engineering and Operations Management , İstanbul, Turkey, 7 - 10 March 2022, pp.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, Turkey, 5 - 07 July 2021, pp.31-32

III. **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

IV. **A branch-and-bound algorithm for airport gate assignment problem**
Alanli K., Karsu O., Azizoğlu M.

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V. **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

VI. **Solution Approaches for a Project Scheduling Problem with Multiple Modes and a Single Nonrenewable Resource**
ALTINTAS C., AZİZOĞLU M.
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VII. **Resource Constrained Project Scheduling Problem with Multiple Modes**
ALTINTAŞ C., AZİZOĞLU M.
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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. **A Project Scheduling Problem with Nonrenewable Resources**
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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**
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35th International Conference on Computers and Industrial Engineering, ICC and IE 2005, İstanbul, Turkey, 19 - 22 June 2005, pp.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, Turkey, 19 - 22 June 2005, pp.1529-1534

Activities in Scientific Journals

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

Metrics

Publication: 89
Citation (WoS): 1372
Citation (Scopus): 1588
H-Index (WoS): 22
H-Index (Scopus): 24

Awards

Azizoğlu M., Araştırma Teşvik Ödülü, Mustafa Parlar Vakfı, December 2004
Azizoğlu M., TUBITAK Araştırma Teşvik Ödülü, Tübitak, December 2002

Non Academic Experience

METU
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Syracuse University
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Columbia University
University of Wisconsin-Madison
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