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Kişisel Bilgiler

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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, 1996 - Devam Ediyor

Akademik İdari Deneyim

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

Anabilim/Bilim Dalı Başkanı, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, 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., TWO DIMENSIONAL CUTTING STOCK PROBLEM WITH MULTIPLE STOCK SIZES, Yüksek Lisans, U.AYASANDIR(Öğrenci), 2019

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

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C.ALTINTAŞ(Öğrenci), 2017
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AZİZOĞLU M., On the balanced k-Chinese postmen problems, Yüksek Lisans, Y.LİMON(Öğrenci), 2015
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AZİZOĞLU M., Multi resource agent bottleneck generalized assignment problem, Yüksek Lisans, Ö.KARABULUT(Öğrenci), 2010
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- I. **Exact and heuristic solution approaches for the airport gate assignment problem**
Karsu Ö., AZİZOĞLU M., Alanlı K.
Omega (United Kingdom), cilt.103, 2021 (SCI İndekslerine Giren Dergi)
- 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 (SCI İndekslerine Giren Dergi)
- III. **Rebalancing the assembly lines with total squared workload and total replacement distance objectives**
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- IV. **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 İndekslerine Giren Dergi)
- 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, cilt.13, sa.3, ss.332-367, 2019 (SCI İndekslerine Giren Dergi)
- VI. **Workload smoothing in simple assembly line balancing**
AZİZOĞLU M., İmat S.
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- 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, cilt.12, sa.3, ss.405-441, 2018 (SCI İndekslerine Giren Dergi)
- VIII. **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 İndekslerine Giren Dergi)
- IX. **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 İndekslerine Giren Dergi)
- 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, cilt.36, ss.46-54, 2015 (SCI İndekslerine Giren Dergi)
- 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, cilt.9, sa.4, ss.450-469, 2015 (SCI İndekslerine Giren Dergi)
- XII. **Bicriteria Multiresource Generalized Assignment Problem**
Karsu O., AZİZOĞLU M.
NAVAL RESEARCH LOGISTICS, cilt.61, sa.8, ss.621-636, 2014 (SCI İndekslerine Giren Dergi)
- XIII. **A resource investment problem with time/resource trade-offs**
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- XIV. **Branch and bound based solution algorithms for the budget constrained discrete time/cost trade-off problem**
Degirmenci G., AZİZOĞLU M.
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- XV. **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 İndekslerine Giren Dergi)
- XVI. **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 İndekslerine Giren Dergi)
- XVII. **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 İndekslerine Giren Dergi)
- XVIII. **Rescheduling unrelated parallel machines with total flow time and total disruption cost criteria**
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- XIX. **Flexible assembly line design problem with fixed number of workstations**
Barutcuoglu S., AZİZOĞLU M.
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- XX. **A Lagrangean relaxation based approach for the capacity allocation problem in flexible manufacturing systems**
ÖZPEYNİRCİ S., AZİZOĞLU M.
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- XXI. **Linear programming based approaches for the discrete time/cost trade-off problem in project networks**
Hafizoglu A. B. , AZİZOĞLU M.
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- XXII. **Working time constraints in operational fixed job scheduling**
Eliyi D. T. , AZİZOĞLU M.
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- XXIII. **Multi-objective integer programming: A general approach for generating all non-dominated solutions**
Oezlen M., AZİZOĞLU M.
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- XXIV. **Assembly line balancing with station paralleling**
Ege Y., AZİZOĞLU M., ÖZDEMİREL N. E.
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- XXV. **Bounding approaches for operation assignment and capacity allocation problem in flexible**

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- XXVI. **Beam search algorithm for capacity allocation problem in flexible manufacturing systems**
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- XXVII. **Operation assignment and capacity allocation problem in automated manufacturing systems**
Bilgin S., AZİZOĞLU M.
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- XXVIII. **Generating all efficient solutions of a rescheduling problem on unrelated parallel machines**
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- XXIX. **Capacity allocation problem in flexible manufacturing systems: branch and bound based approaches**
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- XXX. **Single machine scheduling with preventive maintenances**
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- XXXI. **A fixed job scheduling problem with machine-dependent job weights**
Eliiyi D. T. , AZİZOĞLU M.
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- XXXII. **Minimizing the number of tool switching instants in Flexible Manufacturing Systems**
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- XXXIII. **Operational fixed interval scheduling problem on uniform parallel machines**
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- XXXIV. **Bi criteria flexible assembly line design problem with equipment decisions**
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- XXXV. **The tool transporter movements problem in flexible manufacturing systems**
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- XXXVI. **Flow shop-sequencing problem with synchronous transfers and makespan minimization**
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- XXXIX. **Minimizing total flow time on a single flexible machine**
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- XL. **Parallel-machine rescheduling with machine disruptions**
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- XLI. **Two-machine flow shop scheduling with two criteria: Maximum earliness and makespan**
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- XLII. **Rescheduling of identical parallel machines under machine eligibility constraints**
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- XLIII. **Single machine scheduling with maximum earliness and number tardy**
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- XLIV. **Preemptive scheduling on identical parallel machines subject to deadlines**
Azizoglu M.
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- XLV. **Scheduling to minimize maximum earliness and number of tardy jobs where machine idle time is allowed**
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- XLVI. **Scheduling parallel machines to minimize weighted flowtime with family set-up times**
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- XLVII. **A flexible flowshop problem with total flow time minimization**
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- XLVIII. **Scheduling a batch processing machine with incompatible job families**
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- XLIX. **Dynamic programming algorithms for scheduling parallel machines with family setup times**
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- L. **Scheduling a batch processing machine with non-identical job sizes**
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- LII. **Scheduling jobs on unrelated parallel machines to minimize regular total cost functions**
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- LIII. **Tardiness minimization on parallel machines**
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- LIV. **Minimizing flowtime and maximum earliness on a single machine**

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- LV. **Scheduling about an unrestricted common due window with arbitrary earliness/tardiness penalty rates**
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- LVI. **Scheduling job families about an unrestricted common due date on a single machine**
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- LVII. **Note: Bicriteria scheduling for minimizing flow time and maximum tardiness**
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- LVIII. **AN EFFICIENT ALGORITHM FOR THE SINGLE-MACHINE TARDINESS PROBLEM**
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- LIX. **BICRITERIA SCHEDULING PROBLEM INVOLVING TOTAL TARDINESS AND TOTAL EARLINESS PENALTIES**
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- I. **A Branch and Bound Algorithm for a Multi-Mode Project Scheduling Problem With a Single Non-Renewable Resource**
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- III. **New heuristics for the balanced k-Chinese postmen problem**
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