Prof. ALİ ALLAHVERDİ

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Biography

Ali Allahverdi is a Professor in the Department of Industrial Engineering of Gazi University since May 2023. Before this appointment, he served as a faculty member in the Department of Industrial and Management Systems Engineering of Kuwait University from September 15, 1995 to May 15, 2023. He worked for two years
at Marmara University, Istanbul, Turkey, before joining Kuwait University in 1995. He also worked as a visiting scholar at the Department of Industrial Engineering of Rensselaer Polytechnic Institute, New York, USA from June 15, 2010 to August 20, 2011. He received his B.S. in Petroleum Engineering from Istanbul Technical University, and his M.Sc. and Ph.D. degrees in Industrial Engineering, from Rensselaer Polytechnic Institute, New York, USA. He received Top Cited-Article Award from the *European Journal of Operational Research* in 2012. Furthermore, he received Distinguished Researcher Award in 2003. This award was in recognition of excellent performance and outstanding achievement in research for the previous ten years. Moreover, he received Research Performance Award in 2004 which was in recognition of exceptional results of outstanding significance and demonstrated research output of a conducted project. He also received the Dissertation Prize from Rensselaer Polytechnic Institute, Troy, New York, in recognition of outstanding academic achievement and promise for a successful career in 1993. He has published about 130 papers, receiving more than 8000 citations, in well-known international journals. Moreover, he presented more than 100 papers at international conferences. Furthermore, he has served on the scientific committee of more than 100 international conferences and gave keynote speeches at several international conferences. He has been the editor of European Journal of Industrial Engineering since 2007, and served as a guest editor for the European Journal of Operations Research, the International Journal of Production Research, and the International Journal of Operations Research. He is currently serving as associate editor of several international journals and on the editorial board of several other international journals.

Education Information

Doctorate, Rensselaer Polytechnic Institute, College of Engineering, Industrial Engineering Department, United States Of America 1990 - 1992
Postgraduate, Rensselaer Polytechnic Institute, College of Engineering, Industrial Engineering Department, United States Of America 1988 - 1990
Undergraduate, Istanbul Technical University, Turkey 1982 - 1986

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Scheduling on multiple unreliable sources, Rensselaer Polytechnic Institute, College of Engineering, Department of Industrial Engineering, 1992

Research Areas

Scheduling

Academic Titles / Tasks

Professor, Gazi University, -, Faculty of Engineering, Industrial Engineering Department, 2023 - Continues
Professor, Kuwait University, College of Engineering, Industrial Engineering Department , 2003 - 2023
Professor, Rensselaer Polytechnic Institute, College of Engineering, Industrial Engineering Department , 2010 - 2011
Associate Professor, Kuwait University, College of Engineering, Industrial Engineering Department, 1998 - 2003
Assistant Professor, Kuwait University, College of Engineering, Industrial Engineering Department , 1995 - 1998
Assistant Professor, Marmara University, Faculty Of Engineering, Industrial Engineering Department, 1993 - 1995
Research Assistant, Rensselaer Polytechnic Institute, College of Engineering, Industrial Engineering Department , 1989 - 1992
Research Assistant, Istanbul Technical University, 1987 - 1989

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Algorithms for three-machine flowshop scheduling problem to minimize makespan with uncertain processing times**
    Allahverdi A., Allahverdi M.
    RAIRO-OPERATIONS RESEARCH, vol.57, no.4, pp.1733-1743, 2023 (SCI-Expanded)
II. **More effective heuristics for a two-machine no-wait flowshop to minimize maximum lateness**
    Aydilek H., Aydilek A., Allahverdi M., Allahverdi A.
    International Journal of Industrial Engineering Computations, vol.13, no.4, pp.543-556, 2022 (SCI-Expanded)
III. **An algorithm for a no-wait flowshop scheduling problem for minimizing total tardiness with a constraint on total completion time**
    Allahverdi A., Aydilek H., Aydilek A.
    INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING COMPUTATIONS, vol.13, no.1, pp.43-50, 2022 (SCI-Expanded)
IV. **Algorithms to minimize total completion time in a two-machine flowshop problem with uncertain set-up times**
    Aydilek H., Aydilek A., Allahverdi A.
    ENGINEERING OPTIMIZATION, no.8, pp.1417-1430, 2021 (SCI-Expanded)
V. **A BETTER DOMINANCE RELATION AND HEURISTICS FOR TWO-MACHINE NO-WAIT FLOWSHOPS WITH MAXIMUM LATENESS PERFORMANCE MEASURE**
    Allahverdi M., Aydilek H., Aydilek A., Allahverdi A.
    JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, no.4, pp.1973-1991, 2021 (SCI-Expanded)
VI. **Minimizing total completion time for flowshop scheduling problem with uncertain processing times**
    Allahverdi M., Allahverdi A.
    RAIRO-OPERATIONS RESEARCH, 2021 (SCI-Expanded)

VII. MINIMIZING TOTAL COMPLETION TIME IN A TWO-MACHINE NO-WAIT FLOWSHOP WITH UNCERTAIN AND BOUNDED SETUP TIMES
Allahverdi M., Allahverdi A., Lin B. M.
JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION, no.5, pp.2439-2457, 2020 (SCI-Expanded)

VIII. Algorithms for four-machine flowshop scheduling problem with uncertain processing times to minimize makespan
Allahverdi M., Allahverdi A.
RAIRO-OPERATIONS RESEARCH, no.2, pp.529-553, 2020 (SCI-Expanded)

IX. No-wait flowshop scheduling problem with separate setup times to minimize total tardiness subject to makespan
Allahverdi A., Aydilek H., Aydilek A.
APPLIED MATHEMATICS AND COMPUTATION, 2020 (SCI-Expanded)

X. Two-machine no-wait flowshop scheduling problem with uncertain setup times to minimize maximum lateness
Allahverdi A., Allahverdi M.
COMPUTATIONAL & APPLIED MATHEMATICS, no.5, pp.6774-6794, 2018 (SCI-Expanded)

XI. Scheduling in manufacturing systems: new trends and perspectives
Allahverdi A., Pesch E., Pinedo M., Werner F.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.19, pp.6333-6335, 2018 (SCI-Expanded)

XII. No-wait flowshop scheduling problem with two criteria; total tardiness and makespan
Allahverdi A., Aydilek H., Aydilek A.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.2, pp.590-601, 2018 (SCI-Expanded)

XIII. Algorithms for minimizing the number of tardy jobs for reducing production cost with uncertain processing times
Aydilek A., Aydilek H., Allahverdi A.
APPLIED MATHEMATICAL MODELLING, pp.982-996, 2017 (SCI-Expanded)

XIV. Minimising maximum tardiness in assembly flowshops with setup times
Aydilek A., Aydilek H., Allahverdi A.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.24, pp.7541-7565, 2017 (SCI-Expanded)

XV. A survey of scheduling problems with no-wait in process
Allahverdi A.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.3, pp.665-686, 2016 (SCI-Expanded)

XVI. Two-stage assembly scheduling problem for minimizing total tardiness with setup times
Allahverdi A., Aydilek H., Aydilek A.
APPLIED MATHEMATICAL MODELLING, no.17-18, pp.7796-7815, 2016 (SCI-Expanded)

XVII. The third comprehensive survey on scheduling problems with setup times/costs
Allahverdi A.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.2, pp.345-378, 2015 (SCI-Expanded)

XVIII. Production in a two-machine flowshop scheduling environment with uncertain processing and setup times to minimize makespan
Aydilek A., Aydilek H., Allahverdi A.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.9, pp.2803-2819, 2015 (SCI-Expanded)

XIX. The two stage assembly flowshop scheduling problem to minimize total tardiness
Allahverdi A., Aydilek H.
JOURNAL OF INTELLIGENT MANUFACTURING, no.2, pp.225-237, 2015 (SCI-Expanded)

XX. Single machine scheduling problem with interval processing times to minimize mean weighted completion time
Allahverdi A., Aydilek H., Aydilek A.
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XXI. Total completion time with makespan constraint in no-wait flowshops with setup times
Allahverdi A., Aydilek H.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.3, pp.724-734, 2014 (SCI-Expanded)

XXII. **An artificial immune system heuristic for two-stage multi-machine assembly scheduling problem to minimize total completion time**
Al-Anzi F. S., Allahverdi A.
JOURNAL OF MANUFACTURING SYSTEMS, no.4, pp.825-830, 2013 (SCI-Expanded)

XXIII. **Algorithms for no-wait flowshops with total completion time subject to makespan**
Allahverdi A., Aydilek H.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, no.9-12, pp.2237-2251, 2013 (SCI-Expanded)

XXIV. **A polynomial time heuristic for the two-machine flowshop scheduling problem with setup times and random processing times**
Aydilek H., Allahverdi A.
APPLIED MATHEMATICAL MODELLING, no.12-13, pp.7164-7173, 2013 (SCI-Expanded)

XXV. **Editorial**
Allahverdi A., Ruiz R., Framinan J. M.
European Journal of Industrial Engineering, vol.7, no.1, pp.1, 2013 (SCI-Expanded)

XXVI. **Increasing the profitability and competitiveness in a production environment with random and bounded setup times**
Aydilek A., Aydilek H., Allahverdi A.
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XXVII. **Untitled**
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XXVIII. **Heuristics for no-wait flowshops with makespan subject to mean completion time**
Aydilek H., Allahverdi A.
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XXIX. **No-wait flowshop scheduling problem to minimize the number of tardy jobs**
Aldowaisan T. A., Allahverdi A.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, no.1-4, pp.311-323, 2012 (SCI-Expanded)

XXX. **Minimizing the total completion time in a two-machine flowshop with sequence-independent setup times**
Ladhari T., Msakni M., Allahverdi A.
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XXXI. **Untitled**
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EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.138, no.1, pp.752-1, 2010 (SCI-Expanded)

XXXII. **Heuristics for the two-machine flowshop scheduling problem to minimize maximum lateness with bounded processing times**
Allahverdi A., Aydilek H.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, no.5, pp.1374-1384, 2010 (SCI-Expanded)

XXXIII. **Heuristics for the two-machine flowshop scheduling problem to minimise makespan with bounded processing times**
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Aydilek H., Allahverdi A.
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XXXV. **The two-stage assembly scheduling problem to minimize total completion time with setup times**
Allahverdi A., Al-Anzi F. S.

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XXXVI. **Heuristics for a two-stage assembly flowshop with bicriteria of maximum lateness and makespan**

Al-Anzi F. S., Allahverdi A.

COMPUTERS & OPERATIONS RESEARCH, no.9, pp.2682-2689, 2009 (SCI-Expanded)

XXXVII. **Minimizing the bicriteria of makespan and maximum tardiness with an upper bound on maximum tardiness**

Ruiz R., Allahverdi A.

COMPUTERS & OPERATIONS RESEARCH, no.4, pp.1268-1283, 2009 (SCI-Expanded)

XXXVIII. **Permutation flow shops with exact time lags to minimise maximum lateness**

Fondrevelle J., Oulamara A., Portmann M., Allahverdi A.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.23, pp.6759-6775, 2009 (SCI-Expanded)

XXXIX. **New heuristics for no-wait flow shops with a linear combination of makespan and maximum lateness**

Ruiz R., Allahverdi A.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.20, pp.5717-5738, 2009 (SCI-Expanded)

XL. **The significance of reducing setup times/setup costs**

Allahverdi A., Soroush H.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.3, pp.978-984, 2008 (SCI-Expanded)

XLI. **A survey of scheduling problems with setup times or costs**

Allahverdi A., Ng C., Cheng T., Kovalyov M. Y.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.3, pp.985-1032, 2008 (SCI-Expanded)

XLII. **The two-stage assembly flowshop scheduling problem with bicriteria of makespan and mean completion time**

Allahverdi A., Al-Anzi F. S.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, no.1-2, pp.166-177, 2008 (SCI-Expanded)

XLIII. **Untitled**

ALLAHVERDİ A., Ruiz R., Framinan J. M.

EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, no.1, 2008 (SCI-Expanded)

XLIV. **No-wait flowshop with separate setup times to minimize maximum lateness**

Ruiz R., Allahverdi A.

INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, no.5-6, pp.551-565, 2007 (SCI-Expanded)

XLV. **Some effective heuristics for no-wait flowshops with setup times to minimize total completion time**

Ruiz R., Allahverdi A.

ANNALS OF OPERATIONS RESEARCH, no.1, pp.143-171, 2007 (SCI-Expanded)

XLVI. **Batching deteriorating items with applications in computer communication and reverse logistics**

Al-Anzi F. S., Allahverdi A., Kovalyov M. Y.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.3, pp.1002-1011, 2007 (SCI-Expanded)

XLVII. **A self-adaptive differential evolution heuristic for two-stage assembly scheduling problem to minimize maximum lateness with setup times**

Al-Anzi F. S., Allahverdi A.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.1, pp.80-94, 2007 (SCI-Expanded)

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XLIX. **Two-machine flowshop scheduling problem to minimize maximum lateness with bounded setup and processing times**

ALLAHVERDİ A.

KUWAIT JOURNAL OF SCIENCE & ENGINEERING, no.2, pp.233-252, 2006 (SCI-Expanded)

L. **Empirically discovering dominance relations for scheduling problems using an evolutionary algorithm**

Al-Anzi F., Allahverdi A.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.22, pp.4701-4712, 2006 (SCI-Expanded)

LI.   **Using mixed graph coloring to minimize total completion time in job shop scheduling**

Al-Anzi F. S., Sotskov Y. N., Allahverdi A., Andreev G. V.

APPLIED MATHEMATICS AND COMPUTATION, no.2, pp.1137-1148, 2006 (SCI-Expanded)

LII.   **Evolutionary heuristics and an algorithm for the two-stage assembly scheduling problem to minimize makespan with setup times**

Allahverdi A., Al-Anzi F. S.

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.22, pp.4713-4735, 2006 (SCI-Expanded)

LIII.   **Two-machine flowshop scheduling problem to minimize total completion time with bounded setup and processing times**

Allahverdi A.

INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS, no.1, pp.386-400, 2006 (SCI-Expanded)

LIV.   **A PSO and a Tabu search heuristics for the assembly scheduling problem of the two-stage distributed database application**

Allahverdi A., Al-Anzi F. S.

COMPUTERS & OPERATIONS RESEARCH, no.4, pp.1056-1080, 2006 (SCI-Expanded)

LV.   **A branch-and-bound algorithm for three-machine flowshop scheduling problem to minimize total completion time with separate setup times**

Allahverdi A., Al-Anzi F. S.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.3, pp.767-780, 2006 (SCI-Expanded)

LVI.   **Scheduling multi-stage parallel-processor services to minimize average response time**

Allahverdi A., Al-Anzi F.

JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, no.1, pp.101-110, 2006 (SCI-Expanded)

LVII.   **Economic order quantity with uncertain inflation: A case study**

Zeydan M., Allahverdi A.

International Journal of Industrial Engineering : Theory Applications and Practice, vol.13, no.3, pp.320-327, 2006 (SCI-Expanded)

LVIII.   **Stochastic two-machine flowshop scheduling problem with total completion time criterion**

Soroush H., ALLAHVERDİ A.

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, no.2, pp.159-171, 2005 (SCI-Expanded)

LIX.   **New heuristics for m-machine no-wait flowshop to minimize total completion time**

Aldowaisan T., Allahverdi A.

OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, no.5, pp.345-352, 2004 (SCI-Expanded)

LX.   **Three-machine no-wait flowshop with separate setup and removal times to minimize total completion time**

Aldowaisan T., ALLAHVERDİ A.

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, no.2, pp.113-123, 2004 (SCI-Expanded)

LXI.   **Flowshop scheduling problem to minimize total completion time with random and bounded processing times**

Sotskov Y., Allahverdi A., Lai T.

JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, no.3, pp.277-286, 2004 (SCI-Expanded)

LXII.   **A new heuristic for m-machine flowshop scheduling problem with bicriteria of makespan and maximum tardiness**

Allahverdi A.

COMPUTERS & OPERATIONS RESEARCH, no.2, pp.157-180, 2004 (SCI-Expanded)

LXIII.   **Stochastically minimizing makespan on a three-machine flowshop**

ALLAHVERDİ A.

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.11, no.2,

pp.124-131, 2004 (SCI-Expanded)

LXIV.   **No-wait flowshops with bicriteria of makespan and maximum lateness**
Allahverdi A., Aldowaisan T.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.1, pp.132-147, 2004 (SCI-Expanded)

LXV.   **Optimal selection of module instances for modular products in reconfigurable manufacturing systems**
YİĞİT A. S., Allahverdi A.
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, no.17, pp.4063-4074, 2003 (SCI-Expanded)

LXVI.   **New heuristics for no-wait flowshops to minimize makespan**
Aldowaisan T., Allahverdi A.
COMPUTERS & OPERATIONS RESEARCH, no.8, pp.1219-1231, 2003 (SCI-Expanded)

LXVII.   **The two- and m-machine flowshop scheduling problems with bicriteria of makespan and mean flowtime**
Allahverdi A.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.2, pp.373-396, 2003 (SCI-Expanded)

LXVIII.   **Two-machine flowshop scheduling to minimize total completion time with separate setup and removal times**
ALLAHVERDİ A., Aldowaisan T.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, no.3, pp.275-286, 2002 (SCI-Expanded)

LXIX.   **No-wait flowshops with bicriteria of makespan and total completion time**
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LXX.   **Scheduling on three serial duplicate stations in assembly lines with multiple criteria**
ALLAHVERDİ A., Savsar M.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, no.3, pp.265-274, 2002 (SCI-Expanded)

LXXI.   **Optimizing modular product design for reconfigurable manufacturing**
YİĞİT A. S., Ulsoy A. G., Allahverdi A.
JOURNAL OF INTELLIGENT MANUFACTURING, no.4, pp.309-316, 2002 (SCI-Expanded)

LXXII.   **Using two-machine flowshop with maximum lateness objective to model multimedia data objects scheduling problem for WWW applications**
Allahverdi A., Al-Anzi F. S.
COMPUTERS & OPERATIONS RESEARCH, no.8, pp.971-994, 2002 (SCI-Expanded)

LXXIII.   **New heuristics to minimize total completion time in m-machine flowshops**
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LXXIV.   **Stochastic proportionate flowshop scheduling with setups**
Allahverdi A., Savsar M.
COMPUTERS & INDUSTRIAL ENGINEERING, no.3-4, pp.357-369, 2001 (SCI-Expanded)

LXXV.   **Minimizing total completion time in a no-wait flowshop with sequence-dependent additive changeover times**
Allahverdi A., Aldowaisan T.
JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, no.4, pp.449-462, 2001 (SCI-Expanded)

LXXVI.   **Minimizing mean flowtime in a two-machine flowshop with sequence-independent setup times**
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LXXVII.   **A review of scheduling research involving setup considerations**
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OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, no.2, pp.219-239, 1999 (SCI-Expanded)

LXXVIII.   **Stochastically minimizing total flowtime in flowshops with no waiting space**

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LXXIX. **Job lateness in flowshops with setup and removal times separated**

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LXXXI. **Scheduling in stochastic flowshops with independent setup, processing and removal times**

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LXXXII. **Stochastic machine dominance in flowshops**

Allahverdi A., Fatih Tatari M.

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LXXXIII. **Stochastic scheduling and dynamic programming - Koole,GM**

ALLAHVERDİ A.

JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, no.10, pp.1313-1314, 1996 (SCI-Expanded)

LXXXIV. **Two-machine proportionate flowshop scheduling with breakdowns to minimize maximum lateness**

Allahverdi A.

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LXXXV. **Simulation of different rules in stochastic flowshops**

Allahverdi A., Tatari M. F.

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LXXXVI. **2-STAGE PRODUCTION SCHEDULING WITH SEPARATED SET-UP TIMES AND STOCHASTIC BREAKDOWNS**

ALLAHVERDİ A.

JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, no.7, pp.896-904, 1995 (SCI-Expanded)

LXXXVII. **SCHEDULING ON A 2-MACHINE FLOWSHOP SUBJECT TO RANDOM BREAKDOWNS WITH A MAKESPAN OBJECTIVE FUNCTION**

Allahverdi A., Mittenthal J.

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, no.2, pp.376-387, 1995 (SSCI)

LXXXVIII. **SCHEDULING ON M PARALLEL MACHINES SUBJECT TO RANDOM BREAKDOWNS TO MINIMIZE EXPECTED MEAN FLOW TIME**

ALLAHVERDİ A., MITTENTHAL J.

NAVAL RESEARCH LOGISTICS, no.5, pp.677-682, 1994 (SCI-Expanded)

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MATHEMATICAL AND COMPUTER MODELLING, no.2, pp.9-17, 1994 (SCI-Expanded)

XC. **ROBUST ESTIMATION METHODS FOR EXPONENTIAL DATA - A MONTE-CARLO COMPARISON**

Willemain T. R., Allahverdi A., DeSautels P., Eldredge J., Gur O., Miller M., Panos G., Srinivasan A., Surtihadi J., Topal E.

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, no.4, pp.1043-1075, 1992 (SCI-Expanded)

Articles Published in Other Journals

I. **Three-Machine Flowshop Scheduling Problem to Minimize Makespan with Interval Processing Times**

ALLAHVERDİ A., Allahverdi M.

International Journal of Advanced Research in Engineering Innovation, 2023 (Peer-Reviewed Journal)

II. **A survey of scheduling problems with uncertain interval/bounded processing/setup times**

ALLAHVERDİ A.

JOURNAL OF PROJECT MANAGEMENT, vol.7, no.4, pp.255-264, 2022 (ESCI)

III. **A Review of Scheduling Problems with Bounded Processing/Setup Times**
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IV. **Industrial and Management Systems Engineering program assessment based on the new ABET student outcomes**
Allahverdi A., Alhashemi J., Sarkar K.
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V. **A Recent Senior Design Project of the Industrial and Management Systems Engineering Program at Kuwait University**
Allahverdi A.
International Journal of Advanced Research in Education and Society, vol.3, pp.138-144, 2021 (Peer-Reviewed Journal)

VI. **An Improved Algorithm for Minimizing Makespan on Flowshops with Uncertain Processing Times**
Allahverdi A., Allahverdi M.
International Journal of Engineering Research and Development, vol.13, pp.521-530, 2021 (Peer-Reviewed Journal)

VII. **Asean Journal of Engineering Education**
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Asean Journal of Engineering Education, vol.5, pp.23-29, 2021 (Peer-Reviewed Journal)

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II. **Scheduling Problems with Bounded Processing or Setup Times**
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III. **Minimizing total completion time for stochastic flowshops**
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V. **Minimizing makespan in flowshops with bounded processing times**
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XXXV.   **Scheduling requests on multi-stage multi-server to increase quality of service**
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XL. **Flowshop scheduling with random and bounded setup times**
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XLI. **Scheduling on Assembly Lines with Serial Duplicate Stations**
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Amman, Jordan, First International Industrial Engineering Conference, IIEC 2001, Jordan, 23 September 2001

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Bonn, Germany, Conference of the European Chapter on Combinatorial Optimization, ECCO XIV, Germany, 31 May 2001

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Osnabruck, Germany, Seventh International Workshop on Project Management and Scheduling, Germany, 17 April 2000

Activities in Scientific Journals

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING COMPUTATIONS, Committee Member, 2015 - Continues
Operations Research Perspectives, Committee Member, 2013 - Continues
JOURNAL OF INDUSTRIAL AND PRODUCTION ENGINEERING, Committee Member, 2013 - Continues
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, Committee Member, 2008 - Continues
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, Editor, 2006 - Continues
INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, Special Issue Editor, 2018 - 2018
JOURNAL OF THE CHINESE INSTITUTE OF INDUSTRIAL ENGINEERS, Committee Member, 2004 - 2012
CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH, Assistant Editor/Section Editor, 2005 - 2011
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, Special Issue Editor, 2008 - 2008

Memberships / Tasks in Scientific Organizations

Industrial Engineering and Operations Management (IEOM) Society, Associate Member, 2018 - Continues, United States Of America

World Institute for Engineering and Technology Education , Member, 2015 - Continues, Australia

The International Society of Agile Manufacturing (ISAM) , Member, 2005 - Continues, United States Of America

IAENG (International Association of Engineers) Society of Industrial Engineers , Member, 2005 - Continues, Hong Kong

The Institute of Industrial Engineers , Member, 2001 - Continues, United States Of America

The Institute for Operations Research and the Management Sciences (INFORMS), Member, 1995 - Continues, United States Of America

The International Institute of Innovation, Industrial Engineering and Entrepreneurship , Member, 2005 - 2015, Smaller Territories Of The Uk

Scientific Refereeing

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, April 2023

INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH, SCI Journal, February 2023

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EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, March 2012

JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, SCI Journal, October 2011

INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING : THEORY APPLICATIONS AND PRACTICE, SCI Journal, October 2011

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INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, SCI Journal, October 2009

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JOURNAL OF SCHEDULING, SCI Journal, December 2006

INTERNATIONAL JOURNAL OF FLEXIBLE MANUFACTURING SYSTEMS, SCI Journal, October 2006

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, February 2006

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INFORMS Journal on Computing, SCI Journal, November 2003

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JOURNAL OF COMBINATORIAL OPTIMIZATION, SCI Journal, November 2002

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, SCI Journal, February 2002

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Metrics

Publication: 184

Citation (WoS): 4333

Citation (Scopus): 5236

H-Index (WoS): 30

H-Index (Scopus): 33

Congress and Symposium Activities

Global Joint Conference on Industrial Engineering and Its Application Areas, Invited Speaker, İstanbul, Turkey, 2020

VI. the International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Invited Speaker, Antalya, Turkey, 2019

VI. International GAP Engineering Conference, Invited Speaker, Şanlıurfa, Turkey, 2018

44th International Conference on Computers and Industrial Engineering , Invited Speaker, İstanbul, Turkey, 2014

The Sixth International Industrial Engineering Conference, Invited Speaker, Tehran, Iran, 2009

Invited Talks

Manufacturing scheduling with setups, Seminar, University of Antwerp, Belgium, February 2009

Flowshop scheduling with separate setup times, Seminar, The Polytechnic University of Valencia, Spain, January 2007

Scheduling with setup times, Seminar, The Hong Kong Polytechnic University, Hong Kong, January 2005

No-wait flowshop scheduling, Seminar, National Polytechnic Institute of Lorraine, Nancy, France, August 2004