

Assoc. Prof. MÜBERRA ALLAHVERDİ

ABDÜLFHAFİZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HNS-8309-2023

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Education Information

Doctorate, State University of New York at Albany, Mathematics, United States Of America 2012 - 2017

Postgraduate, State University of New York at Albany, Mathematics, United States Of America 2012 - 2015

Undergraduate, State University of New York at Albany, Mathematics, United States Of America 2010 - 2012

Foreign Languages

English, C2 Mastery

Research Areas

Commutative Rings and Algebras, Optimization

Academic Titles / Tasks

Associate Professor, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Matematik, 2024 - Continues

Assistant Professor, Ankara Yildirim Beyazit University, Mühendislik ve Doğa Bilimleri Fakültesi, Matematik, 2021 - 2022

Assistant Professor, Kean University, Mathematics, 2017 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- Significantly improved dominance relation for no-wait flowshop scheduling problems with uncertain setup times**
Allahverdi M.
Hacettepe Journal of Mathematics and Statistics, vol.52, no.2, pp.487-498, 2023 (SCI-Expanded)
- 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. **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, vol.17, no.4, pp.1973-1991, 2021 (SCI-Expanded)
- IV. **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, vol.16, no.5, pp.2439-2457, 2020 (SCI-Expanded)
- V. **Acyclicity of Schur complexes and torsion freeness of Schur modules**
Allahverdi M., Tchernev A.
Journal of Algebra, vol.535, pp.133-158, 2019 (SCI-Expanded)
- VI. **Two-machine no-wait flowshop scheduling problem with uncertain setup times to minimize maximum lateness**
Allahverdi A., Allahverdi M.
Computational and Applied Mathematics, vol.37, no.5, pp.6774-6794, 2018 (SCI-Expanded)

Articles Published in Other Journals

- 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 (Scopus)
- II. **Minimizing total tardiness in a two-machine flowshop with uncertain and bounded processing times**
Allahverdi M.
RAIRO - Operations Research, vol.57, no.3, pp.1353-1375, 2023 (Scopus)
- III. **A new dominance relation no-wait flowshop scheduling problems with interval setup times**
ALLAHVERDİ ABDÜLHAFİZ M.
International Journal of Advanced Research in Engineering Innovation, vol.4, no.4, pp.58-63, 2022 (Peer-Reviewed Journal)
- IV. **A substantially improved new algorithm for flowshop scheduling problem with uncertain processing times**
ALLAHVERDİ M.
International Journal of Engineering Research and Development, vol.14, pp.155-163, 2022 (Peer-Reviewed Journal)
- V. **Minimizing total completion time for flowshop scheduling problem with uncertain processing times**
Allahverdi M., Allahverdi A.
RAIRO - Operations Research, vol.55, 2021 (Scopus)
- VI. **Minimizing makespan for flowshop scheduling problem with random and bounded processing times**
ALLAHVERDİ M.
International Journal of Business and Technology Management, vol.3, pp.49-52, 2021 (Peer-Reviewed Journal)
- VII. **Four-machine flowshop scheduling problem with uncertain processing times to minimize mean completion time**
ALLAHVERDİ M., Allahverdi A.
International Journal of Business and Technology Management, vol.3, pp.44-48, 2021 (Peer-Reviewed Journal)
- VIII. **An improved algorithm for minimizing makespan on flowshops with uncertain processing times**
Allahverdi A., ALLAHVERDİ M.
International Journal of Engineering Research and Development, vol.13, pp.521-530, 2021 (Peer-Reviewed Journal)

- IX. **Algorithms for four-machine flowshop scheduling problem with uncertain processing times to minimize makespan**
Allahverdi M., Allahverdi A.
RAIRO - Operations Research, vol.54, no.2, pp.529-553, 2020 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Scheduling on a three-machine flowshop with uncertain processing times to minimize makespan**
Allahverdi A., ALLAHVERDİ ABDÜLHAFİZ M.
3rd International Virtual Conference on Education, Social Sciences and Technology, Kuala-Lumpur, Malaysia, 12 August 2023
- II. **Scheduling on a three-machine flowshop with uncertain processing times to minimize makespan**
Allahverdi A., ALLAHVERDİ ABDÜLHAFİZ M.
12th International Conference on Computer Sciences and Computational Mathematics, İstanbul, Turkey, 13 July 2023
- III. **A better dominance relation for no-wait flowshop scheduling problems with bounded setup times**
ALLAHVERDİ ABDÜLHAFİZ M.
3rd International Multidisciplinary Conference on Education, Engineering and Social Sciences, Kuala-Lumpur, Malaysia, 26 November 2022
- IV. **Minimizing maximum lateness for a no-wait flowshop scheduling**
Aydilek H., Aydilek A., ALLAHVERDİ ABDÜLHAFİZ M., Allahverdi A.
5th European International Conference on Industrial Engineering and Operations Management, Rome, Italy, 26 July 2022
- V. **Minimizing total completion time for stochastic flowshops.**
ALLAHVERDİ M.
4th International E-Conference on Mathematical Advances and Applications, İstanbul, Turkey, 26 May 2021
- VI. **Four-machine flowshop scheduling problem with uncertain processing times to minimize mean completion time**
ALLAHVERDİ M.
International E-Conference on Applied Sciences, Society, and Economics, Malaysia, 04 May 2021
- VII. **Minimizing makespan for flowshop scheduling problem with random and bounded processing times**
ALLAHVERDİ M.
International E-Conference on Applied Sciences, Society, and Economics, Kuala-Lumpur, Malaysia, 04 May 2021, pp.67-70
- VIII. **Minimizing maximum lateness on no-wait flowshops with stochastic setup times**
ALLAHVERDİ M.
Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Turkey, 14 August 2020
- IX. **Flowshop scheduling problem with stochastic processing times to minimizing total completion time**
ALLAHVERDİ M.
Global Joint Conference on Industrial Engineering and Its Application Areas, Turkey, 14 August 2020
- X. **Flowshop scheduling problem to minimize mean completion time with uncertain processing times**
ALLAHVERDİ ABDÜLHAFİZ M., Allahverdi A.
20th International Symposium on Econometrics, Operations Research and Statistics, Ankara, Turkey, 12 February 2020
- XI. **The Four-Machine Flowshop Scheduling Problem to Minimize Mean Completion Time**
ALLAHVERDİ M.
The International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Turkey, 20 April 2019
- XII. **Two-machine no-wait flowshop scheduling problem to minimize mean completion time**
ALLAHVERDİ M.

The International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Turkey, 20 April 2019

XIII. **Minimizing makespan in flowshops with bounded processing times.**

ALLAHVERDİ M.

The VI. International GAP Engineering Conference, Şanlıurfa, Turkey, 08 November 2018

XIV. **Minimizing mean completion time for bounded processing times in flowshops**

ALLAHVERDİ M.

The VI. International GAP Engineering Conference, Şanlıurfa, Turkey, 08 November 2018

XV. **Minimizing mean completion time for a two-machine no-wait flowshop scheduling problem**

ALLAHVERDİ M.

The International Conference on Contemporary Issues in Business & Economics, Tokat, Turkey, 17 July 2018

XVI. **The two-machine no-wait flowshop problem with uncertain setup times**

ALLAHVERDİ M.

The International Conference on Contemporary Issues in Business & Economics, Tokat, Turkey, 14 July 2018

XVII. **Minimizing Maximum Lateness in No-Wait Flowshops With Random Setup Times**

ALLAHVERDİ M.

The International Conference on Engineering Technology, Konya, Turkey, 07 November 2017

XVIII. **Minimizing Holding Cost in No-Wait Flowshop Scheduling Problems**

ALLAHVERDİ M.

The International Conference on Engineering Technology, Konya, Turkey, 07 November 2017

XIX. **Minimizing Inventory Cost in Manufacturing Environments with No-Wait Constraint**

ALLAHVERDİ M.

The International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 03 July 2017

XX. **Applications of No-wait Flowshop scheduling Problems with Uncertain Setup Times**

ALLAHVERDİ M.

The International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 03 July 2017

Metrics

Publication: 36

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H-Index (Scopus): 4