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Education

Degree	Graduated in	Major	University
BSc		Industrial Engineering	K.N. Toosi University of Technology
MSc		Industrial Engineering	K.N. Toosi University of Technology
Doctoral		Industrial Engineering	Tarbiat Modares University

Work Experience

Head of Department of Industrial Engineering, Faculty of Engineering, University of Kashan

Papers in Conferences

1. S Tahmasebpoor, J. Asadkhani and H., Mokhtari, ,Comparing Two Inspection Policies for an EOQ

Papers in Journals

1. علی عبدلی، هادی مختاری، توسعه یک مدل برنامه‌ریزی ریاضی به منظور بازطراحی شبکه‌ی زنجیره تأمین با امکان ISC. تغییر کاربری تسهیلات، چشم‌انداز مدیریت صنعتی، مجلد ۱۴، شماره صفحات ۷۹، ۱۴۰۳/۰۵/۲۰.
2. سیدسعید حلی، هادی مختاری، سعید دهنوی آرانی، بهینه‌سازی شبکه زنجیره تأمین ساخت‌وساز با در نظر گرفتن جریان ISC. مواد و مصالح، تجهیزات، نیروی انسانی، نقشه‌ها و مدارک فنی، پژوهش در مدیریت تولید و عملیات، ۱۴۰۳/۰۵/۱۵.
3. یگانه فرهنگیان، هادی مختاری، توسعه مدل مقدار سفارش اقتصادی چند محصولی با الزام سفارشات همزمان برای اقلام ISC. با کیفیت نامطلوب، تصمیم‌گیری و تحقیق در عملیات، ۱۴۰۰/۰۸/۲۵.
4. هادی مختاری، حسین شیرانی بیدابادی، برنامه‌ریزی یک سیستم تولیدی-دوباره‌کاری چندمرحله‌ای با در نظر گرفتن ISC. مصرف انرژی، مطالعات مدیریت صنعتی، ۱۴۰۰/۰۶/۲۹.
5. سیداکبر طاهری، هادی مختاری، علی فلاحی، توسعه مدل مقدار اقتصادی تولید با در نظر گرفتن خرابی احتمالی ماشین، ISC. تولید اقلام معیوب و سیاست ارسال چنگانه، چشم‌انداز مدیریت صنعتی، ۱۴۰۰/۰۵/۲۵.
6. Development of an Inventory Control Model for Reusable Items: Economic Quantities of Order and Recovery, Journal of Industrial and Systems Engineering, 2024 08 16, ISC.
7. Optimization of a coordinated sustainable multi-vendor multi-livestock multi-rancher supply chain for growing products, Scientia Iranica, 2024 06 23, SCOPUS ,ISC ,JCR.
8. A Robust Optimization Approach for a Discrete Time-Cost-Environment Trade-off Project Scheduling Problem Under Uncertainty, International Journal of Industrial Engineering & Production Research, Vol. 35, pp. 1, 2024 06 21, SCOPUS ,ISC.
9. Economic order quantity for substitutable growing items, International Journal of Management Science and Engineering Management, 2024 06 13, SCOPUS ,JCR.
10. A Multi-product Humanitarian Supply Chain Network Design Problem: A Fuzzy Multi-objective and Robust Optimization Approach, International Journal of Engineering (IJE), Vol. 37, pp. 941, 2024 05 07, SCOPUS ,ISC ,ISI-Listed.
11. Pareto efficient correlated multi-response optimisation by considering customer satisfaction, International Journal of Quality Engineering and Technology, Vol. 9, pp. 34, 2023 02 21, SCOPUS.
12. Joint decisions on inventory classification, supplier selection and production policy for a multi-item EPQ inventory system under uncertainty, Journal of Quality Engineering and Production Optimization, Vol. 7, pp. 186, 2022 12 26, ISC.
13. Blood plasma supply chain planning to respond COVID-19 pandemic: a case study, Environment, Development and Sustainability, 2022 12 08, SCOPUS ,JCR.
14. A sustainable supply chain under VMI-CS agreement with withdrawal policies for imperfect items, JOURNAL OF CLEANER PRODUCTION, 2022 09 16, SCOPUS ,JCR.
15. Automatic Control and Guidance of Mobile Robot using Machine Learning Methods, Journal of Artificial Intelligence & Data Mining (JAIDM), 2022 06 25.
16. Automatic Control and Guidance of Mobile Robot using Machine Learning Methods, Journal of Artificial Intelligence & Data Mining (JAIDM), 2022 06 25.
17. A Sustainable Production-Inventory Model Joint with Preventive Maintenance and Multiple Shipments for Imperfect Quality Items, Scientia Iranica, 2022 05 12, SCOPUS ,ISC ,JCR.
18. Optimizing the exploratory drilling rig route based

- on the Multi-Objective Multiple Traveling Salesman Problem, Int. J. Min. Geo-Eng, 2022 05 09, SCOPUS, ISC.
19. هادی مختاری, علی سلماس نیا, علی فلاحی, Economic Production Quantity Under Possible Substitution: A Scenario Analysis Approach, International Journal of Industrial Engineering & Production Research, Vol. 33, pp. 1, 2022 03 10, SCOPUS, ISC.
 20. Ali Fallahi, Hadi Mokhtari, Seyed Taghi Akhavan Niaki, Designing a closed-loop blood supply chain network considering transportation flow and quality aspects, sustainable operations and computers, Vol. 2, pp. 170, 2021 07 17.
 21. Hadi Mokhtari, Aliakbar Hasani, Saeed Dehnavi, & Arani, Single and Multi-Stage Manufacturing Systems Under Imperfect Quality Items with Random Defective Rate, Rework and Scrap, SCI IRAN, 2021 07 07, SCOPUS, ISC, JCR.
 22. Hadi Mokhtari, Aliakbar Hasani, Ali Fallahi, Multi-Product Constrained Economic Production Quantity Models for Imperfect Quality Items with Rework, International Journal of Industrial Engineering & Production Research, Vol. 32, pp. 1, 2021 06 19, SCOPUS, ISC.
 23. Javad Asadkhani, Hadi Mokhtari, Saman Tahmasebpour, Optimal lot-sizing under learning effect in inspection errors with different types of imperfect quality items, Operational Research, 2021 03 22, SCOPUS, JCR.
 24. Hadi Mokhtari, Javad Asadkhani, Extended economic production quantity models with preventive maintenance, SCI IRAN, Vol. 27, pp. 3253, 2020 12 14, SCOPUS, ISC, JCR.
 25. هادی مختاری, اذین پورقاسی, علی فلاحی, A Multi-Product Humanitarian Supply Chain Network Design Problem: A Fuzzy Multi-objective and Robust Optimization Approach, International Journal of Engineering, 0000 00 00, SCOPUS, ISC, ISI-Listed.
 26. با در نظر گرفتن تورم, ارزش زمانی پول و (EPQ) هادی مختاری و علی فلاحی, ارائه‌ی مدل مقدار اقتصادی تولید متغیر سرمایه‌گذاری در ظرفیت تولید, مهندسی صنایع و مدیریت شریف, ۲۰۱۸, ۵ ۱۲.
 27. Hadi Mokhtari, Aliakbar Hasani. An energy-efficient multi-objective optimization for flexible job-shop scheduling problem. COMPUT CHEM ENG. ۲۰۱۷ ۹ ۰۱, ISI, SCOPUS.
 28. Hadi Mokhtari, Aliakbar Hasani. A multi-objective model for cleaner production-transportation planning in manufacturing plants via fuzzy goal programming. J MANUF SYST. ۲۰۱۷ ۷ ۰۱, ISI, SCOPUS.
 29. Hadi Mosadegh, Ehsan Khakbazan, Ali Salmasnia, Hadi Mokhtari. A fuzzy multi-objective goal programming model for solving an aggregate production planning problem with uncertainty. ۲۰۱۷ ۵ ۰۱, SCOPUS.
 30. Ali Salmasnia, Mohsen Afsahi, Hadi Mokhtari. Solving a multi-objective redundancy allocation problem under opportunistic maintenance strategy. ۲۰۱۷ ۴ ۰۱, SCOPUS.
 31. Hadi Mokhtari, Ali Salmasnia. Fitting the Three-parameter Weibull Distribution by using Greedy Randomized Adaptive Search Procedure. ۲۰۱۷ ۳ ۰۱, SCOPUS, ISC.
 32. Hadi Mokhtari, M. Taghi Rezvan. A single-supplier, multi-buyer, multi-product VMI production-inventory system under partial backordering. ۲۰۱۷ ۳ ۰۱, ISI.
 33. Ali Salmasnia, Hosein Fallah و Ghadi, Hadi Mokhtari. Simultaneous Optimization of Production and Quality in a Deterioration Process. ۲۰۱۶ ۹ ۰۱, ISC.
 34. هادی مختاری. Manufacturing operations outsourcing through an artificial team process algorithm. J INTELL FUZZY SYST. ۲۰۱۶ ۷ ۰۱, ISI, SCOPUS.
 35. Saber Molla و Alizadeh, Amir Noroozi, Hadi Mokhtari. A fixed and flexible maintenance operations planning in a parallel batch machines production system. ۲۰۱۶ ۶ ۰۱, ISC.
 36. هادی مختاری. A Single Machine Capacitated Production Planning Problem Under Uncertainty: A Grey Linear Programming Approach. International Journal of Engineering. ۲۰۱۶ ۴ ۰۱, ISC.
 37. هادی مختاری, محمد وردی, علی سلماس نیا, علی قربانیان, A bi-objective airline revenue management problem with possible cancellation. International Journal of Applied Management Science. ۲۰۱۶ ۲ ۰۱, SCOPUS.
 38. Ali Salmasnia, Ebrahim Asadi, Hadi Mokhtari. Optimum Maintenance Strategy Selection using a Hybrid Approach based on Analytical Hierarchy Process and Revised Multi Choice Goal Programming.-

ISC، ۱۲، ۲۰۱۶.

39. Saeid Soltani و Mohammadi, Mohammad Safa, Hadi Mokhtari. Comparison of particle swarm optimization and simulated annealing for locating additional boreholes considering combined variance minimization. *COMPUT GEOSCI-UK*, ۲۰۱۶ ۱۰، ISI ,SCOPUS.
40. Amir Norouzi, هادی مختاری, مرتضی باقرپور, سیدجعفر سجادی. A probabilistic portfolio budget allocation problem with CPI index under risk. *Journal of Industrial and Production Engineering*, ۲۰۱۶ ۱، ISI ,SCOPUS.
41. A robust modelling and optimisation framework for a batch processing flow shop production system in the presence of uncertainties. *INT J COMPUT INTEG M*, ۲۰۱۶ ۱، ISI ,SCOPUS ,Inspec.
42. هادی مختاری و مهرداد دادگر. Scheduling optimization of a stochastic flexible job-shop system with time-varying machine failure rate. *COMPUT OPER RES*, ۲۰۱۵ ۹، ISI ,SCOPUS.
43. هادی مختاری و علی سلماس نیا. An Evolutionary Clustering-Based Optimization to Minimize Total Weighted Completion Time Variance in a Multiple Machine Manufacturing System. *International Journal of Information Technology & Decision Making*, ۲۰۱۵ ۹، ISI ,SCOPUS ,Inspec.
44. یحیی زارع مهرجردی, امین یزدخواستی, علی سلماس نیا, هادی مختاری. A desirability function-based approach for optimising generalised queuing networks. *International Journal of Applied Management Science*, ۲۰۱۵ ۸، SCOPUS.
45. علی سلماس نیا, سامان چراغی, علی قربانیان, هادی مختاری. Robust supplier selection in a closed loop supply chain using a hybrid approach based on design of experiments and simulation. *International Journal of Applied Decision Sciences*, ۲۰۱۵ ۸، SCOPUS.
46. هادی مختاری. Designing an Efficient Bi-Criteria Iterated Greedy Heuristic for Simultaneous Order Scheduling and Resource Allocation: A Balance between Cost and Lateness Measures. *NEURAL COMPUT APPL*, ۲۰۱۵ ۷، ISI ,SCOPUS.
47. امیر نوروزی و هادی مختاری. Scheduling of printed circuit board (PCB) assembly systems with heterogeneous processors using simulation-based intelligent optimization methods. *NEURAL COMPUT APPL*, ۲۰۱۵ ۵، ISI ,SCOPUS.
48. هادی مختاری و علی سلماس نیا. A Monte Carlo Simulation based Chaotic Differential Evolution Algorithm for Scheduling a Stochastic Parallel Processor System. *EXPERT SYST APPL*, ۲۰۱۵ ۵، ISI ,SCOPUS.
49. هادی مختاری و اشکان مزدگیر. A Bi-Objective Approach for Design of an Assembly Line Re-Balancing System: Mathematical Model and Differential Evolution Algorithms. *International Journal of Industrial Engineering & Production Research*, ۲۰۱۵ ۳، ISC.
50. هادی مختاری. A mixed integer linear programming formulation for a multi-stage, multi-Product, multi-vehicle aggregate production-distribution planning problem. *Journal of Industrial Engineering and Management Studies*, ۲۰۱۵ ۱۲، ISC.
51. حمید دلیری, هادی مختاری, عیسی نخعی کمال آبادی. A Particle Swarm Optimization Approach to Joint Location and Scheduling Decisions in a Flexible Job Shop Environment. *International Journal of Engineering*, ۲۰۱۵ ۱۲، ISC.
52. هادی مختاری, امیر نوروزی, صابر ملاعلیزاده زواردهی. A Reliability based Modelling and Optimization of an Integrated Production and Preventive Maintenance Activities in Flowshop Scheduling Problem. *International Journal of Engineering*, ۲۰۱۵ ۱۲، ISC.
53. هادی مختاری. A nature inspired intelligent water drops evolutionary algorithm for parallel processor scheduling with rejection. *APPL SOFT COMPUT*, ۲۰۱۵ ۱، ISI ,SCOPUS.
54. امین مسعود بخشی موحد, محمد تقی رضوان, هادی مختاری. تحلیل اینترنت اشیا با رویکرد مدل ساختاری تفسیری ISC، و تحلیل محتوا در زنجیره تأمین، مدیریت فردا، مجلد ۲۲، شماره صفحات ۱۰/۱۲/۱۴۰۲، ۳۹.
55. هادی مختاری و مهرداد دادگر. A Flexible Job Shop Scheduling Problem with Controllable Processing Times to Optimize Total Cost of Delay and Processing. *International Journal of Supply and Operations Management*, ۰۰، EI.
56. هادی مختاری و امیر نوروزی. An efficient chaotic based PSO for earliness/tardiness optimization in a batch processing flow shop scheduling problem. *J INTELL MANUF*, ۰۰، ISI ,SCOPUS.

57. هادی مختاری. Research on group search optimizers for a reconfigurable flow shop sequencing problem. NEURAL COMPUT APPL, ISI, SCOPUS, Inspec.
58. هادی مختاری, علی نعیمی صدیق, علی سلماس نیا. A Computational Approach to Economic Production Quantity Model for Perishable Products with Backordering Shortage and Stock-Dependent Demand. SCI IRAN, ISI, ISC.
59. H Tadrissi Javan, A. Khanlari, A. Motamedi, H. Mokhtari. hybrid advertising media selection model using AHP and fuzzy-based GA decision making. NEURAL COMPUT APPL, ISI, SCOPUS.
60. Ali Salmasnia, Saeid Hasan Nejad, Hadi Mokhtari. A Multi-Objective Optimization for Brush Monofilament Tufting Process Design. Journal of Computational Design and Engineering, SCOPUS.
61. [10] H. Mokhtari, Joint Ordering and Reuse Policy for Reusable Items Inventory Management, Sustainable Production and Consumption, 21 05 2018.
62. Hasani, A., H. Mokhtari, & Fattahi, M., A multi-objective optimization approach for green and resilient supply chain network design: a real-life Case Study, Journal of Cleaner Production, 2021 01 18.
63. A. Salmasnia, H. Daliri, A. Ghorbanian and H. Mokhtari, A Statistical Analysis and Simulation based Approach to an Uncertain Supplier Selection Problem with Discount Option, International Journal of System Assurance Engineering and Management, 2020 12 09.
64. H. Mokhtari, Salmasnia, A., & Asadkhani, J., A New Production-Inventory Planning Model for Joint Growing and Deteriorating Items, International Journal of Supply and Operations Management, 2020 12 05.
65. [4] Bakhshandeh Amnieh, H., Hakimiyan Bidgoli, M., Mokhtari, H., & Aghajani Bazzazi, A., Application of simulated annealing for optimization of blasting costs due to air overpressure constraints in open-pit mines, Journal of Mining and Environment, 2020 11 05.
66. [3] H. Mokhtari and J Asadkhani., Extended economic production quantity models with preventive maintenance, Scientia Iranica, 2020 08 18.
67. A. Hasani and H. Mokhtari., Redesign Strategies of a Comprehensive Robust Relief Network for Disaster Management, Socio-Economic Planning Sciences, 2020 06 17.
68. [5] H. Mokhtari, Optimal lot size in a manufacturing system with imperfect raw materials and defective finished products, Scientia Iranica, 2020 05 25.
69. H. Mokhtari, A Joint Internal Production and External Supplier Order Lot Size Optimization Under Defective Manufacturing and Rework, International Journal of Advanced Manufacturing Technology, 2019 06 26.
70. A. Salmasnia, M. Noori and H. Mokhtari, A multi-objective competitive location problem under queuing framework, International Journal of Systems Assurance Engineering and Management, 2019 06 21.
71. A. Hasani and H. Mokhtari., An Integrated Relief Network Design Model under Uncertainty: A Case of Iran, Safety Science, 2018 06 18.
72. H. Mokhtari, S Kiani, S.S. Tahmasebpour, Economic Evaluation of Investment Projects Under Uncertainty: A Probability Theory Perspective, Scientia Iranica, 2018 05 15.
73. Ali Salmasnia, Elmira Zifan, Hadi Mokhtari, An interactive preference decision making approach to multi-response process design with location and dispersion effects, International Journal of Information and Decision Sciences, 2017 8 01, SCOPUS.
74. [19] H. Mokhtari, and A. Hasani, A multi-objective model for cleaner production-transportation planning in manufacturing plants via fuzzy goal programming, Journal of Manufacturing Systems, 2017 05 04.