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Education

B.Sc., Industrial Engineering – Amirkabir University of Technology, 2009.

M.Sc., Industrial Engineering – Shahed University, 2012.

Ph.D. Candidate, Industrial Engineering – Iran University of Science and Technology, 2013-Present.

Research Interests

Routing problems

Metaheuristic Optimization Algorithms

Supply Chain Coordination

Healthcare Supply chain management

Refereed Journal Papers

1. "Fuzzy green vehicle routing problem with simultaneous pickup-delivery and time windows", (with S. M. Hosseini-Motlagh, S. Majidi and S. Yaghoub), RAIRO-Operation Research, 2017. DOI: <https://doi.org/10.1051/ro/2017007> (ISI).
2. "A Hybrid Metaheuristic Method for Two-Echelon Location-Routing Problem with Pickup and Delivery", (with M. R. Ghatre Samani, S. M. Hosseini-Motlagh and S. Yaghoubi), Journal of International Engineering, Volume 51, Issue 1, Summer 2017, pp 101-115. (ISC).
3. "A Two-Phase Hybrid Heuristic Method for a Multi-Depot Inventory-Routing Problem", (With S. M. Hosseini-Motlagh and A.S. Nikkhah-Qamsari), International Journal of Transportation Engineering, 2017, Volume 4, Issue 4, Winter 2017, pp 287-303. (ISC).
4. "A Multi Objective Stochastic P-Robust Model for Two-Echelon Location-Routing Problem with Simultaneous Pickup and Delivery and Time Windows", (with M. R. Ghatre Samani, S. M. Hosseini-Motlagh and S. Yaghoubi), Quarterly Journal of Transportation Engineering, 2017, 8 (1), 53-73. (ISC).
5. "An adaptive large neighborhood search heuristic for the green vehicle routing problem with simultaneously pickup and delivery and hard time windows", (with S. Majidi, S. M. Hosseini-Motlagh and S. Yaghoubi), Industrial Engineering Research in Production Systems, Volume 3, No. 6, Fall and Winter 2016, pp 149-165. (ISC).
6. "Impact of Capacity of Mobile Units on Blood Supply Chain Performance: Result from a Robust Analysis", (with S. M. Hosseini-Motlagh), International Journal of Hospital Research, 2015 Sep 30;4(3):109-114. (ISC).
7. "Developing A Two-Phase Hybrid Heuristic Method Based On Clustering and Simulated Annealing for Two-echelon Location-Routing Problem", (with S. M. Hosseini-Motlagh), International Journal of Industrial Engineering & Production Research, 2017. (ISC. Accepted).
8. " Simultaneous Coordination of Order Quantity and Corporate Social responsibility in a Two-Echelon Supply Chain: A Combined Contract Approach", (With S. M. Hosseini-Motlagh), (ISI, Under Review).
9. " Supply chain coordination under scenario-based stochastic demand by revenue sharing contract", (With S. M. Hosseini-Motlagh), (ISI, Under review).
10. " Embedding wholesale discount and sustainable cost-sharing contract for coordinating manufacturer-duopolistic retailers in a stochastic environment", (With S. M. Hosseini-Motlagh), (ISI, Submitted).
11. " An adjustable bi-level wholesale price contract for coordinating a three-echelon socially responsible supply chain under scenario-based stochastic demand", (With S. M. Hosseini-Motlagh and M.R. Nematollahi), (ISI, Submitted).

12. " A Two Phase Hybrid Heuristic Based On simulated annealing for Location-Routing Problem", (with S. M. Hosseini-Motlagh ", (With S. M. Hosseini-Motlagh), **(ISC, Under Review)**.
13. "Presenting a Model and Heuristic Algorithm for Two-Echelon Location-Routing Problem under Uncertainty Considering the Simultaneous Pickup and Delivery", (with M. R. Ghatre Samani and S. M. Hosseini-Motlagh), **(ISC, Under Review)**.
14. "A developed model and heuristic algorithm for inventory routing problem in a cold chain with pharmaceutical products", (with P. Vakili, S. M. Hosseini-Motlagh and M.R. Gholamian), **(ISC, Under review)**.
15. "A robust optimization approach for inventory routing problem in a cold chain with pharmaceutical products", (with P. Vakili and S. M. Hosseini-Motlagh), **(ISC, Under review)**.
16. " Coordination of two echelon supply chain with stochastic demand under distributor-managed inventory model", (With S. M. Hosseini-Motlagh), **(ISI, Working paper)**.
17. " Vertical and horizontal cooperative sustainability efforts in a competitive supply chain with duopolistic retailers under a carbon emissions tax regulation ", (With S. M. Hosseini-Motlagh and S. Ebrahimi), **(ISI, Working paper)**.

Computer Skills

MATLAB	level: intermediate (programming, optimization)
GAMS	level: intermediate (modeling, optimization)
MS office	level: advance (Excel, Word, Power point)

Language Skills

Persian	level: native
English	level: advance