



Address

Department of Industrial Engineering and Future Studies, Faculty of Engineering, University of Isfahan, Iran

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Goli.A@eng.ui.ac.ir
Alireza.g88@gmail.com

Alireza Goli

Assistant Professor

Educational Data

2015 - 2019, Yazd University

Ph.D., Industrial Engineering

2012 - 2014, Isfahan University of Technology

M.Sc., Industrial Engineering

2008 - 2012, Golpayegan University of Engineering

B.Sc., Industrial Engineering

Teaching Experiences

Mar. 2020 - Present, University of Isfahan

- Combinatorial Optimization
- Supply Chain Management
- Demand and Revenue Management
- Supply Chain Network Design

Oct. 2017 - Jul. 2020, Foolad High-education Institute

- Operations Research
- Multi-criteria Decision Making
- Engineering Statistics and Probabilities
- Production and Inventory Planning
- Facility Layout Planning and Design
- Supply Chain Management

Oct. 2018 - Jul. 2019, Islamic Azad University, Najafabad Branch

- Production and Inventory Planning
- Multi-criteria Decision Making

Feb. 2018 - Jan. 2020, Sheikh Bahaei University

- Production and Inventory Planning
- Economic Justification
- Simulation
- Engineering Economics

Oct. 2017 - Jul. 2018, Islamic Azad University, Lengan Branch

- Transportation Planning
- Engineering Statistics and Probabilities
- Engineering Economics

Oct. 2016 - Jul. 2017, Yazd University

- Meta-heuristic Algorithms
- Engineering Statistics and Probabilities
- Stochastic Programming
- Production and Inventory Planning

Sep. 2013 - Jul. 2014, Isfahan University of Technology

- Meta-heuristic Algorithms
- Operations Research



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Work Experiences

Feb. 2014 - Feb. 2017, Pooyan Institute

- Chief Executive Officer

Aug. 2017 - May 2018, Saman Sane Company

- Director of Research and Development

Feb. 2018 - Mar. 2019, Razi Company

- Director of Economic Analysis

Research Interests

- Supply Chain Management
- Mathematical Modeling
- Artificial Intelligence
- Meta-heuristic Algorithms
- Robust Optimization
- Transportation and Routing

Personal Interests

trading in financial markets, Website Designing using Wordpress, Economic Analysis

Training Courses

- Technical Analysis, *Kharazmi Institute*, 2018
- Principal of Stock Price Prediction, *Kharazmi Institute*, 2018
- Supply chain management, *Industrial Management Institute, Iran*, 2016
- Project Management, *Golpayegan University of Engineering*, 2012
- ISO 9001:2015, *Industrial Management Institute, Iran*, 2011

Languages

Persian

- Native language

English

- Professional (Translate- Writing- Reading- Speaking)

Computer Skills

- Microsoft Office
- Minitab
- SPSS
- MATLAB
- GAMS
- Arena
- Microsoft Visio
- Python

Editorial Boards

1. Editor of *Journal of Computer Science (JCS)*, (ISSN: 1552-6607, Print ISSN: 1549-3636). SCOPUS indexed Journal- Science Publications,
2. Editorial Board member of *Journal of Applied Research on Industrial Engineering (JARIE)*, (ISSN: 2676-6167). ISC indexed journal- Iran Center for Management Studies,
3. Managing Editor and Editorial board member of *International Journal of Applied Optimization Studies (IJAOS)*, (ISSN: 2645-4327).



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Guest Editorial Boards

1. Goli, A., Garza-Reyes, J. A., Liao, H., Jahangiri, M. and El Haj Assad, M. (2021). Recent Advances of Intelligent Approaches in Circular Supply Chain Management: From Energy and Environmental Perspectives. *Environment, Development and Sustainability*, (ISSN: 1573-2975). ISI indexed Journal- Springer,
2. Tirkolaee, E. B., Goli, A. and Mirjalili, S. (2021). Circular Economy Application in Designing Sustainable Medical Waste Management Systems. *Environmental Science and Pollution Research*, ISI indexed Journal- Springer,
3. Tirkolaee, E. B., Goli, A., Golpîra, H. and Gonzalez, E. S. (2021). Sustainable Global Supply Chain Management: From an International Perspective. *Sustainability*, (ISSN: 2071-1050). ISI indexed Journal- MDPI,
4. Goli, A., Tirkolaee, E. B. and Gonzalez, E. S. (2021). Machine Learning in Sustainable Industrial Development. *Mathematical Problems in Engineering*, (ISSN: 1563-5147). ISI indexed journal- Hindawi,
5. Weber, G. W., Goli, A. and Tirkolaee, E. B. (2021). Computational Performance Analysis based on Novel Intelligent Methods: Exploration and Future Directions in Production and Logistics. *Foundations of Computing and Decision Sciences*, (ISSN: 0867-6356). ISI indexed journal- Poznań University of Technology,
6. Tirkolaee, E. B., Goli, A. and Malmir, B. (2021). Recent advances of solutions algorithms for logistics routing problems. *Logistics*, (ISSN: 2305-6290). ISI indexed journal- MDPI,
7. Goli, A., Tirkolaee, E. B. and Kumar, A. (2021). Application of Multi-Criteria Decision-Making Methodologies in the Industry. *Journal of Applied Research on Industrial Engineering*, (ISSN: 2676-6167). ISC indexed journal.
8. Weber, G. W., Tirkolaee, E. B. and Goli, A. (2021). Application of Optimization Algorithms in Engineering Manufacturing. *Journal of Computer Science*, (ISSN: 1552-6607). SCOPUS indexed Journal- Science Publications,

Reviewer Boards

1. Reviewer in *Journal of Cleaner Production (JCLEPRO)*, (ISSN: 0959-6526). ISI indexed Journal- Elsevier,
2. Reviewer in *Applied Soft Computing (ASOC)*, (ISSN: 1568-4946). ISI indexed Journal- Elsevier,
3. Reviewer in *Waste Management*, (ISSN: 0956-053X). ISI indexed Journal- Elsevier,
4. Reviewer in *IEEE Transactions on Fuzzy Systems*, (ISSN: 1063-6706). ISI indexed Journal- IEEE,
5. Reviewer in *IEEE Transactions on Industrial Informatics*, (ISSN: 1551-3203). ISI indexed Journal- IEEE,
6. Reviewer in *The Journal of Supercomputing (SUPE)*, (ISSN: 1573-0484). ISI indexed Journal- Springer,
7. Reviewer in *Annals of Operations Research (ANOR)*, (ISSN: 1572-9338). ISI indexed Journal- Springer,
8. Reviewer in *PLOS ONE*, (ISSN: 1932-6203). ISI indexed Journal- PLOS,

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9. Reviewer in *Expert Systems with Applications*, (ISSN: 0957-4174). ISI indexed Journal- Elsevier,
10. Reviewer in *Swarm and Evolutionary Computation*, (ISSN: 2210-6502). ISI indexed Journal- Elsevier,
11. Reviewer in *Journal of the Operational Research Society (JORS)*, (ISSN: 0160-5682). ISI indexed Journal- Taylor & Francis,
12. Reviewer in *Optimization*, (ISSN: 0233-1934). ISI indexed Journal- Taylor & Francis,
13. Reviewer in *Environmental Science and Pollution Research (ESPR)*, (ISSN: 0944-1344). ISI indexed Journal- Springer,
14. Reviewer in *Research in Operations Management Research*, (ISSN: 1936-9743). ISI indexed Journal- Springer,
15. Reviewer in *Central European Journal of Operations Research (CEJOR)*, (ISSN: 1613-9178). ISI indexed Journal- Springer,
16. Reviewer in *Journal of Ambient Intelligence and Humanized Computing (AIHC)*, (ISSN: 1868-5145). ISI indexed Journal- Springer,
17. Reviewer in *Operational Research*, (ISSN: 1866-1505). ISI indexed Journal- Springer,
18. Reviewer in *IEEE Access*, (ISSN: 2169-3536). ISI indexed Journal- IEEE,
19. Reviewer in *RAIRO - Operations Research*, (ISSN: 0399-0559). ISI indexed Journal- EDP Sciences,
20. Reviewer in *Journal of Enterprise Information Management*, (ISSN: 1741-0398). ISI indexed Journal- emerald,
21. Reviewer in *International Journal of Fuzzy Systems (IJFS)*, (ISSN: 2199-3211). ISI indexed Journal- Springer,
22. Reviewer in *Journal of Environmental Informatics*, (ISSN: 1726-2135). ISI indexed Journal- ISEIS,
23. Reviewer in *Waste Management & Research*, (ISSN: 1096-3669). ISI indexed Journal- SAGE,
24. Reviewer in *International Journal of Logistics Management*, (ISSN: 0957-4093). ISI indexed Journal- emerald,
25. Reviewer in *Environment, Development and Sustainability*, (ISSN: 1573-2975). ISI indexed Journal- Springer,
26. Reviewer in *Environmental Engineering and Management Journal*, (ISSN: 1843-3707). ISI indexed Journal- Technical University Gheorghe Asachi Iasi,
27. Reviewer in *Concurrency and Computation: Practice and Experience*, (ISSN: 1532-0634). ISI indexed Journal- Wiley,
28. Reviewer in *Journal of Industrial and Management Optimization (JIMO)*, (ISSN: 1547-5816). ISI indexed Journal- AIMS,
29. Reviewer in *Computer Modeling in Engineering & Sciences (CMES)*, (ISSN: 1526-1506). ISI indexed Journal- Tech Science Press,
30. Reviewer in *Applied Intelligence*, (ISSN: 1573-7497). ISI indexed Journal- Springer,
31. Reviewer in *Computational Intelligence (COIN)*, (ISSN: 1467-8640). ISI indexed Journal- Wiley,
32. Reviewer in *Mathematical Problems in Engineering (MPE)*, (ISSN: 1563-5147). ISI indexed Journal- Hindawi,
33. Reviewer in *Production and Manufacturing Research*, (ISSN: 2169-3277). ISI indexed Journal- Springer,

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34. Reviewer in *International Journal of Industrial Engineering: Theory, Applications and Practice*, (ISSN: 1943-670X). ISI indexed Journal,
35. Reviewer in *Advances in Fuzzy Systems*, (ISSN: 1687-7101). ISI indexed Journal- Hindawi,
36. Reviewer in *Journal of the Operations Research Society of China (JORC)*, (ISSN: 2194-668X). ISI indexed Journal- Springer,
37. Reviewer in *Foundations of Computing and Decision Sciences*, (ISSN: 0867-6356). ISI indexed Journal,
38. Reviewer in *International Journal of Grid and Utility Computing (IJGUC)*, (ISSN: 1741-8488). ISI indexed Journal – Inderscience,
39. Reviewer in *Numerical Algebra, Control and Optimization (NACO)*, (ISSN: 2155-3289). ISI indexed Journal – AIMS,
40. Reviewer in *International Journal of Value Chain Management (IJVCM)*, (ISSN: 1741-5365). ISI indexed Journal – Inderscience,
41. Reviewer in *International Journal of Industrial Engineering Computations (IJIEC)*, (ISSN: 1923-2934). ISI indexed Journal- Growing Science,
42. Reviewer in *Management and Production Engineering Review (MPER)*, (ISSN: 1923-2934). ISI indexed Journal- Polish Academy of Sciences,
43. Reviewer in *International Journal of Mathematical, Engineering and Management Sciences (IJMEMS)*, (ISSN: 2455-7749). ISI indexed Journal- IJMEMS, India,
44. Reviewer in *Journal of Engineering (JE)*, (ISSN: 2314-4912). ISI indexed Journal- Hindawi,
45. Reviewer in *IEEE Transactions on Emerging Topics in Computational Intelligence*, (ISSN: 2471-285X). IEEE Computational Intelligence Society,
46. Reviewer in *Journal of Industrial Engineering International (JIEI)*, (ISSN: 1735-5702). Scopus indexed Journal – Springer,
47. Reviewer in *Journal of Optimization in Industrial Engineering (JOIE)*, (ISSN: 1741-1041). Scopus indexed Journal,
48. Reviewer in *Journal of Computer Science (JCS)*, (ISSN: 1552-6607). Scopus indexed Journal- thescipub,
49. Reviewer in *International Journal of Supply and Operations Management (IJSOM)*, (ISSN: 2383-2525). Scopus indexed Journal- Kharazmi University,
50. Reviewer in *Journal of Renewable Energy and Environment (JREE)*, (ISSN: 2423-7469). Scopus indexed Journal,
51. Reviewer in *International Journal of Industrial Engineering and Management (IJIEM)*, (ISSN: 2217-2661). Scopus indexed Journal- University of Novi Sad,
52. Reviewer in *Cleaner Engineering and Technology*, (ISSN: 12666-7908). Elsevier,
53. Reviewer in *Journal of Industrial Engineering and Management Studies (JIEMS)*, (ISSN: 2476-3098). ISC indexed Journal,
54. Reviewer in *Journal of Applied Research on Industrial Engineering (JARIE)*, (ISSN: 2538-5100). ISC indexed Journal,
55. Reviewer in *Journal of Industrial and Systems Engineering (JISE)*, (ISSN: 1735-8272). ISC indexed Journal,
56. Reviewer in *International Journal of Industrial Engineering and Production Research (IJIEPR)*, (ISSN: 2008-4889). ISC indexed Journal,
57. Reviewer in *Iranian Journal of Operations Research (IJOR)*, (ISSN: 2008-1189). ISC indexed Journal,



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58. Reviewer in *Control and Optimization in Applied Mathematics (COAM)*, (ISSN: 2383-3130). ISC indexed Journal,
59. Reviewer in *Journal of International Journal of Research in Industrial (IJRIE)*, (ISSN: 1925-7805). ISC indexed Journal,

Scientific Committee Members

- Member of the "Special Session: Human Factors and their Keys into Logistics and Production Planning, Development and Research" Organizing Committee at *MANUFACTURING Conference 2022*, Poznan, Poland,
- Scientific/organizing committee member of international conferences:
 - "*Manufacturing2019* in Poland",
- Scientific/organizing committee member of international conferences:
 - "*iiiec2021* in Iran",
 - "*icors'2021* in Iran",
 - "*iiiec2020* in Iran",
 - "*iiiec2019* in Iran",
 - "*1st National Conference on Optimization and New Solution Methods2021* in Iran",
 - "*1st National Conference on Transportation and Logistic2021* in Iran".

Speaking Experiences

- "*Speaker at The 18th Iranian International Industrial Engineering Conference (IIIEC2021)*", "Artificial Intelligence in Industrial Engineering", Yazd University, Iran.,
- "*Speaker at 1st National Conference on Optimization and New Solution Methods*", "Application of Robust Optimization in Complex Engineering Problems", Booali Sina University, Iran,
- "*Speaker at International Conference on Logistics and Supply Chain Management (LSCM2020)*", "Robust Optimization of Sustainable Aggregate Production Planning Including Overtime and Outsourcing Options", Kharazmi University, Iran.

Thesis Supervisor/Advisor

- Supervisor of 2 master thesis in the field of supply chain network design, University of Isfahan, 2020-present,
- Supervisor of 2 master thesis in the field of supply chain management, Foolad High-education Institute, 2019-2020,
- Supervisor of 2 master thesis in the field of Facility location using meta-heuristic algorithm, Foolad High-education Institute, 2018-2020,
- Supervisor of 3 master thesis in the field of supply chain management, Foolad High-education Institute, 2019-2020,
- Supervisor of 3 master thesis in the field of Enterprise resource management, Islamic Azad University, 2018-2020.

Accomplishments

- *Ranked the "1st" Decision Science Researcher in University of Isfahan (Faculty of Engineering) AND "10th" in Iran, "165th" in Asia and "1076th" in the World based on AD Scientific Index 2021,*
- *Ranked the "1st" Business Management Researcher in University of Isfahan (Faculty of Engineering) AND "21th" in Iran, "768th" in Asia and "6069th" in the World based on AD Scientific Index 2021,*



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- Top peer reviewer and Excellent reviewer recognition by Publons,
- Top Cited paper in Wiley recognition by Computational Intelligence, 2020.

Papers - ISI

1. Tirkolaee, E. B., Goli, A., and Mardani, A. (2021). A novel two-echelon hierarchical location-allocation-routing optimization for green energy-efficient logistics systems. *Annals of Operations Research* (Accepted),
2. Goli, A., Mohammadi, H. (2021). Developing a sustainable operational management system using hybrid Shapley value and Multimooora method: case study petrochemical supply chain. *Environment, Development and Sustainability*, (in press),
3. Goli, A., Tirkolaee, E. B., and Aydın, N. S. (2021). Fuzzy Integrated Cell Formation and Production Scheduling considering Automated Guided Vehicles and Human Factors. *IEEE Transactions on Fuzzy Systems* (in press),
4. Goli, A., Keshavarz, T. (2021). Just-in-time scheduling in identical parallel machine sequence-dependent group scheduling problem. *Journal of Industrial Management Optimization* (in press),
5. Aghighi, A., Goli, A., Malmir, B., and Tirkolaee, E. B. (2021). The stochastic location-routing-inventory problem of perishable products with renegeing and balking. *Journal of Ambient Intelligence and Humanized Computing* (in press),
6. Pahlevan, S. M., Hosseini, S. M. S., Goli, A. (2021). Sustainable supply chain network design using products' life cycle in the aluminum industry. *Environmental Science and Pollution Research* (in press),
7. Hamedirostami, A., Goli, A., Gholipour-Kanani, Y. (2021). Green cross-dock based supply chain network design under demand uncertainty using new metaheuristic algorithms. *Journal of Industrial Management Optimization* (in press),
8. Goli, A., Tirkolaee, E. B., and Weber, G. W. (2021). An Integration of Neural Network and Shuffled Frog-Leaping Algorithm for CNC Machining Monitoring. *Foundations of Computing and Decision Sciences*, 46(1), 27-42,
9. Goli, A., Khademi Zare, H., Tavakkoli-Moghaddam, R., Sadeghieh, A. (2021). A novel exact solution algorithm for a robust product portfolio problem under return uncertainty. *Scientia Iranica* (in press),
10. Tirkolaee, E. B., Goli, A., and Weber, G. W. (2020). Fuzzy Mathematical Programming and Self-Adaptive Artificial Fish Swarm Algorithm for Just-in-Time Energy-Aware Flow Shop Scheduling Problem with Outsourcing Option. *IEEE Transactions on Fuzzy Systems*, 28(11), 2772-2783,
11. Tirkolaee, E. B., Goli, A., Faridnia, A., Soltani, M., and Weber, G. W. (2020). Multi-objective optimization for the reliable pollution-routing problem with cross-dock selection using Pareto-based algorithms. *Journal of Cleaner Production*, 276(10), 122927,
12. Goli, A., Zare, H. K., Tavakkoli-Moghaddam, R., Sadeghieh, A. (2020). Multiobjective fuzzy mathematical model for a financially constrained closed-loop supply chain with labor employment. *Computational Intelligence*, 36(1), 4-34.

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13. Goli, A., Khademi-Zare, H., Tavakkoli-Moghaddam, R., Sadeghieh, A., Sasanian, M., Malekalipour Kordestanizadeh, R. (2020). An integrated approach based on artificial intelligence and novel meta-heuristic algorithms to predict demand for dairy products: a case study. *Network: Computation in Neural Systems*, 1-35.
14. Goli, A., Moeini, E., Shafiee, A. M., Zamani, M., Touti, E. (2020). Application of Improved Artificial Intelligence with Runner-Root Meta-Heuristic Algorithm for Dairy Products Industry: A Case Study. *International Journal on Artificial Intelligence Tools*, 29(05), 2050008.
15. Sangaiah, A. K., Goli, A., Tirkolaee, E. B., Ranjbar-Bourani, M., Pandey, H. M., and Zhang, W. (2020). Big Data-Driven Cognitive Computing System for Optimization of Social Media Analytics. *IEEE Access*, 8, 82215-82226,
16. Sangaiah, A. K., Tirkolaee, E. B., Goli, A., and Dehnavi-Arani, S. (2020). Robust optimization and mixed-integer linear programming model for LNG supply chain planning problem. *Soft Computing*, 24(11), 7885-7905,
17. Goli, A., Malmir, B. (2020). A Covering Tour Approach for Disaster Relief Locating and Routing with Fuzzy Demand. *International Journal of Intelligent Transportation Systems Research*, 18(1), 140-152.
18. Goli, A., Zare, H. K., Tavakkoli-Moghaddam, R., Sadeghieh, A. (2019). Hybrid artificial intelligence and robust optimization for a multi-objective product portfolio problem Case study: The dairy products industry. *Computers industrial engineering*, 137, 106090.
19. Davoodi, S. M. R., Goli, A. (2019). An integrated disaster relief model based on covering tour using hybrid Benders decomposition and variable neighborhood search: Application in the Iranian context. *Computers Industrial Engineering*, 130, 370-380.
20. Tirkolaee, E. B., Goli, A., Pahlevan, M., and Kordestanizadeh, R. M. (2019). A robust bi-objective multi-trip periodic capacitated arc routing problem for urban waste collection using a multi-objective invasive weed optimization. *Waste Management and Research*, 37(11), 1089-1101,
21. Goli, A., Tirkolaee, E. B., and Soltani, M. (2019). A robust just-in-time flow shop scheduling problem with outsourcing option on subcontractors. *Production and Manufacturing Research*, 7(1), 294-315,
22. Tirkolaee, E. B., Goli, A., Hematian, M., Sangaiah, A. K., and Han, T. (2019). Multi-objective multi-mode resource constrained project scheduling problem using Pareto-based algorithms. *Computing*, 101(6), 547-570,
23. Mostafaeipour, A., Qolipour, M., Rezaei, M., and Tirkolaee, E. B. (2019). Investigation of off-grid photovoltaic systems for a reverse osmosis desalination system: A case study. *Desalination*, 454, 91-103,
24. Goli, A., Tirkolaee, E. B., Malmir, B., Bian, G. B., and Sangaiah, A. K. (2019). A multi-objective invasive weed optimization algorithm for robust aggregate production planning under uncertain seasonal demand. *Computing*, 1-31,

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25. Goli, A., Zare, H. K., Tavakkoli-Moghaddam, R., Sadeghieh, A. (2019). Application of robust optimization for a product portfolio problem using an invasive weed optimization algorithm. *Numerical Algebra, Control Optimization*, 9(2), 187-209.
26. Mostafaeipour, A., Goli, A., Qolipour, M. (2018). Prediction of air travel demand using a hybrid artificial neural network (ANN) with Bat and Firefly algorithms: a case study. *The Journal of Supercomputing*, 1-24,
27. Naderi, P., Shirani, M., Semnani, A., Goli, A. (2018). Efficient removal of crystal violet from aqueous solutions with Centaurea stem as a novel biodegradable bioadsorbent using response surface methodology and simulated annealing: Kinetic, isotherm and thermodynamic studies. *Ecotoxicology and environmental safety*, 163, 372-381,
28. Goli, A., Davoodi, S. M. R. (2018). Coordination policy for production and delivery scheduling in the closed loop supply chain. *Production Engineering*, 12(5), 621-631,
29. Alinaghian, M., Goli, A. (2017). Location, Allocation and Routing of Temporary Health Centers in Rural Areas in Crisis, Solved by Improved Harmony Search Algorithm. *International Journal of Computational Intelligence Systems*, 10(1), 894-913,
30. Tirkolae, E. B., Goli, A., Bakhsi, M., and Mahdavi, I. (2017). A robust multi-trip vehicle routing problem of perishable products with intermediate depots and time windows. *Numerical Algebra, Control Optimization*, 7(4), 417-433, • Goli, A., Alinaghian, M. (2015). Location and multi-depot vehicle routing for emergency vehicles using tour coverage and random sampling. *Decision Science Letters*, 4(4), 579-592.

Papers- Scopus, ISC, etc.

1. Goli, A., Khademi Zareh, H., Tavakkoli-Moghaddam, R., Sadeghieh, A. (2018). A comprehensive model of demand prediction based on hybrid artificial intelligence and metaheuristic algorithms: A case study in dairy industry. *Journal of Industrial and Systems Engineering*, 11(4), 1-30,
2. Goli, A., Aazami, A., Jabbarzadeh, A. (2018). Accelerated cuckoo optimization algorithm for capacitated vehicle routing problem in competitive conditions. *Int Journal of Artificial Intelligence*, 16(1), 88-112,
3. Saeedi Mehrabad, M., Aazami, A., Goli, A. (2017). A location-allocation model in the multi-level supply chain with multi-objective evolutionary approach. *Journal of Industrial and Systems Engineering*, 10(3), 140-160,
4. Mirmohammadi, S. H., Tirkolae, E. B., Goli, A., and Dehnavi-Arani, S. (2017). The periodic green vehicle routing problem with considering of time-dependent urban traffic and time windows. *International Journal of Optimization in Civil Engineering*, 7(1), 143-156.

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Book Chapters

1. Tirkolae E.B., Goli A., and Weber GW. (2021). A Robust Two-Echelon Periodic Multi-commodity RFID Based Location Routing Problem to Design Petroleum Logistics Networks: A Case Study. *In Logistics and Supply Chain Management, LSCM 2020. Communications in Computer and Information Science*, vol 1458. Springer, Cham.
2. Tirkolae, E. B., Goli, A., Weber, G. W., and Szwedzka, K. (2020). A Novel Formulation for the Sustainable Periodic Waste Collection Arc-Routing Problem: A Hybrid Multi-objective Optimization Algorithm. *In Logistics Operations and Management for Recycling and Reuse* (pp. 77-98). Springer, Berlin, Heidelberg,
3. Goli, A., Tirkolae, E. B., and Weber, G. W. (2020). A Perishable Product Sustainable Supply Chain Network Design Problem with Lead Time and Customer Satisfaction using a Hybrid Whale-Genetic Algorithm. *In Logistics Operations and Management for Recycling and Reuse* (pp. 99-124). Springer, Berlin, Heidelberg,
4. Goli, A., Tirkolae, E. B., and Sangaiah, A. K. (2020). Hybrid Neural Network and Improved Cuckoo Optimization Algorithm for Forecasting Thermal Comfort Index at Urban Open Spaces. *Advances in Edge Computing: Massive Parallel Processing and Applications*, 35, 264,
5. Tirkolae, E. B., Goli, A., and Weber, G. W. (2019). Multi-objective Aggregate Production Planning Model Considering Overtime and Outsourcing Options Under Fuzzy Seasonal Demand. *In Advances in Manufacturing II* (pp. 81-96). Springer, Cham,
6. Tirkolae, E. B., Goli, A., Bakhshi, M., and Sangaiah, A. K. (2019). An Efficient Biography-Based Optimization Algorithm to Solve the Location Routing Problem with Intermediate Depots for Multiple Perishable Products. *In Deep Learning and Parallel Computing Environment for Bioengineering Systems* (pp. 189-205). Academic Press,

Papers- International Conferences/Webinars

1. Gütmen, S., Weber, G.W., Tirkolae, E.B., and Goli, A. (2021). Sustainable robust aggregate production planning considering workforce satisfaction. *Dynamic Control and Optimization (DCO 2021)*, University of Aveiro, Portugal,
2. Goli, A., Tirkolae, E.B., and Weber, G.W. (2020). A perishable product supply chain network-design problem with lead time and customer satisfaction using a hybrid whale-genetic algorithm. *15th International Congress on Logistics and SCM Systems, ICLS 2020*, Poznan, Poland,
3. Goli, Alireza and Faghidian, Seyedeh Fatemeh and Sharifi, Babak, (2021), Identifying and prioritizing the factors affecting the management of construction projects with price list, *2nd International Conference on Challenges and New Solutions in Industrial Engineering and Management and Accounting*, Damghan, Iran,
4. Goli, A. and Kianfar, K., (2021), Designing a closed-loop mask supply chain network by mathematical modeling and fuzzy multi-objective optimization approach, *17th Iranian International Industrial Engineering Conference*, Mashhad, Iran,

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5. Goli, A. and Adibpour, M.A., (2020), Solving the vehicle routing problem of capacitive vehicles with the aim of minimizing costs and increasing the level of satisfaction using genetic algorithm, *12th International Conference of Iranian Operations Research Society*, Babol-sar, Iran,
6. Goli, A. and Khademi Zare, A., Tavakoli Moghadam, R. and Sadeghieh, A., (2019), Development of a fuzzy multi-objective mathematical model for product portfolio design with different risk criteria, *12th International Conference of Iranian Operations Research Society*, Babol-sar, Iran,
7. Saeedi Mehrabad, M., Azami, A. and Goli, A., (2017), Routing of capacitated vehicles with the aim of minimizing costs with the help of the developed cuckoo optimization algorithm, *2nd International Conference on Soft Computing*, Rudsar, Iran,
8. Goli, A. and Babaei Tirkalae, E., (2016), Application of Stable Optimization Approach in Workshop Scheduling Considering Outsourcing, *International Conference on Industrial Engineering and Sustainable Management*, Isfahan, Iran,
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