1. PERSONAL INFORMATION

Mani Sharifi

Visiting Assistant Professor, Department of Information Systems & Analytics, Farmer School of Business, Miami University,
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2. EDUCATION

Ph.D., Industrial Engineering, IAU- Science and Research Branch, Iran, 2009,
MS, Industrial Engineering, IAU- South Tehran Branch, Iran, 1999,
BS, Industrial Engineering, IAU- Qazvin Branch, Iran, 1997,

3. RESEARCH INTERESTS

- Statistical Optimization
- Logistics Optimization
- Reliability Optimization
- Maintenance Optimization
- Production Scheduling
- Combinatorial Optimization

4. COURSES TAUGHT

Undergraduate

- An introduction to Logistics Models
- Computational Thinking,
- An introductory course in Reliability,
- Probability and Statistics,
- Engineering Statistics,
- Inventory Control,
- Economic Engineering,
- An introduction to Operations Research,

Graduate

- Supply Chain Management: Models and Optimization Methods,
- Reliability engineering,
- Risk evaluation,
- Multi-Criteria/Participant Decision Making,
- Stochastic process,
- Time series analysis,
- Advanced statistics,
- Production Planning and Scheduling,

5. SOFTWARE AND APPLICATIONS

- MATLAB: Professional,
- Lingo: Professional,
- GAMS: Professional,
- Minitab: Professional,
- Python: Professional,
- SQL: Professional,
- R: Professional,
- SPSS: Professional,
- SAS: Professional,
- STATA: Advanced,
- JMP: Advanced,

6. EXPERIENCES

- *Visiting Assistant Professor, Department of Information Science & Analytics, Miami University, Oxford, Ohio, USA,* ***From August 15, 2022.***
- *Instructor, Grad Course, Mufti Criteria/Participant Decision Making, ME-1248, Department of Industrial Engineering, Faculty of Mechanical & Industrial Engineering, Ryerson University, Toronto, Ontario, Canada,* ***Fall 2019, Fall 2020, and Fall 2021.***
- *Post-Doctoral Research Fellow, Faculty of Computer Science, Toronto, Ontario, Canada (****July 2020-August 2022****),*
- *Post-Doctoral Research Fellow, Department Mechanical & Industrial Engineering, Ryerson University, Toronto, Ontario, Canada (****November 2018-July 2020****),*
- Associate Professor, IAU, Qazvin Branch, Iran (December 2017-October 2018),
- Assistant Professor, IAU, Qazvin Branch, Iran (January 2009-December 2017),
- Instructor, IAU, Qazvin Branch, Iran (January 2002-December 2009),
- Lecturer, IAU, U.A.E Branch, UAE (2012-2018),
- Lecturer, IAU, Karaj Branch, Iran (2003-2005),
- Lecturer, IAU, Central Tehran Branch, Iran (2007-2008),
- Lecturer, IAU, South Tehran Branch, Iran (2008-2009),
- Lecturer, Khaje Nasir University, Iran (2009-2010),
- Director of all Scientific Associations, IAU, Qazvin Branch, Iran (2002-2006),
- Director of Young Researchers Club, IAU, Qazvin Branch, Iran (2003-2006),
- Research General Director, IAU, Qazvin Branch, Iran (2005-2006)
- Director Scientific of Publications, IAU, Qazvin Branch, Iran (2006-2007),
- General Director of Practical Training Center, IAU, Qazvin Branch, Iran (2007-2008),
- General Director of All Research Centers, IAU, Qazvin Branch, Iran (2008-2014),
- Executive Manager of the Fifth Conference of Young Researchers Club (Engineering Sector), 2005,

- Executive Manager, Journal of Optimization on Industrial Engineering, IAU, Qazvin Branch, Iran (2008-2014),
- Executive Manager of the First Electronic Stock Exchange Conference, IAU, Qazvin Branch, Iran, 2005,
- Member of Executive Committee, From 1st to 9th Iran Open Robotic Competition, Iran, 2006 to 2014,

7. PUBLICATIONS

Refereed International Journals

1. Namoura, H. A., Taghipour, S., **Sharifi, M.**, and Ghaleb, M. (----). Real-Time Production Scheduling Using a Deep Reinforcement Learning-Based Multi-Agent Approach. *INFOR: Information Systems and Operational Research*, **Accepted**.
2. **Sharifi, M.**, & Taghipour, S. (2024). Redundancy allocation problem with a mix of components for a multi-state system and continuous performance level components. Reliability Engineering & System Safety, 241, 109632.
3. **Sharifi, M.**, Ghaleb, M., & Taghipour, S. (2023). Joint parallel-machine scheduling and maintenance planning optimisation with deterioration, unexpected breakdowns, and condition-based maintenance. *International Journal of Systems Science: Operations & Logistics*, 10(1), 2200888.
4. Haeri, S. A. S., Amiri, M., Firouzabadi, S. A. K., Khalili-Damghani, K., & **Sharifi, M.** (2023). Development of a Non-Radial Model for Resource Reallocation Using Network Data Envelopment Analysis. *Journal of Engineering Research*.
5. Bazargan-Lari, M. R., Taghipour, S., Zaretalab, A., & **Sharifi, M.** (2023). Planning and scheduling of a parallel-machine production system subject to disruptions and physical distancing. *IMA Journal of Management Mathematics*, 34(4), 721-745.
6. Eskandari, Z., Avakh Darestani, S., Imannezhad, R., & **Sharifi, M.** (2023). Optimizing a fuzzy multi-objective closed-loop supply chain model considering financial resources using meta-heuristic. *Scientia Iranica*, 30(4), 1480-1497.
7. **Sharifi, M.**, Taghipour, S., & Zaretalab, A. (2023). State-based transition probabilities for systems subject to periodic inspection interval. *Quality Technology & Quantitative Management*, 1-23.
8. **Sharifi, M.**, Pourkarim Guilani, P., Zaretalab, A., & Abhari, A. (2023). Reliability evaluation of a system with active redundancy strategy and load-sharing time-dependent failure rate components using Markov process. *Communications in Statistics-Theory and Methods*, 52(13), 4514-4533.
9. Fatemi, A., Noravesh, I., Hanifi, F., & **Sharifi, M.** (2023). presenting a model to optimize liquidity measures in Tehran stock exchange. *Journal of Investment Knowledge*, 12(46), 349-370.
10. **Sharifi, M.**, & Taghipour, S. (2023). Inspection Interval Optimization of a Weighted-K-out-of-N System with Identical Multi-State Load-Sharing Components. *Reliability Engineering & System Safety*, 109412.
11. Russel, A., Taghipour, S., & **Sharifi, M.** (2023). Mathematical Programming and Metaheuristics for Solving Continuous-Time Scheduling Optimization Problems in Low-Volume Low-Variety Production Systems. *Scientia Iranica*.
12. Kayedpour, F., Amiri, M., Rafizadeh, M., Nia, A. S., & **Sharifi, M.** (2023). A Markov chain-based genetic algorithm for solving a redundancy allocation problem for a system with repairable warm standby components. Proceedings of the Institution of Mechanical Engineers, *Part O: Journal of Risk and Reliability*, 1748006X231164848.
13. Zarghami, S., Amiri, M., TaghaviFard, M. T., Makui, A., & **Sharifi, M**. (2023). An Equitable Fuzzy Approach for Facility Delocation: A Case Study of Banks Merging. *Scientia Iranica*.
14. **Sharifi, M.**, Sayyad, A., Taghipour, S., & Abhari, A. (2023). Optimizing a joint reliability-redundancy allocation problem with common cause multi-state failures using immune

algorithm. *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*.

15. **Sharifi, M.** (2023). Joint Inspecting Interval Optimization and Redundancy Allocation Problem Optimization for Cold-Standby Systems with Non-Identical Components. *International Journal of Decision Intelligence*, 1(1), 35-47.
16. Fallah, F., Azimi, P., & **Sharifi, M.** (2022). Designing a multi-objective mathematical model of a perishable supply chain (PSC) in a state of uncertainty. *Journal of Modelling in Management*, (ahead-of-print).
17. Rasay, H., Taghipour, S., & **Sharifi, M.** (2022). An integrated Maintenance and Statistical Process Control Model for a Deteriorating Production Process. *Reliability Engineering & System Safety*, 108774.
18. **Sharifi, M.,** & Taghipour, S. (2022). Redundancy Allocation Problem of a Multi-State System with Binary-State Continuous Performance Level Components. *Expert Systems with Applications*, 117161.
19. Bazargan-Lari, B., Taghipour, S., Zaretalab, A., and **Sharifi, M.** (2022). Production Scheduling Optimization for Parallel Machines Subject to Physical Distancing Due to COVID-19 Pandemic. *Operation Management Research*, 1-25.
20. Zaretalab, A., **Sharifi, M.**, Guilani, P. P., Taghipour, S., Niakie, S. T. A. (2022). A Multi-Objective Model for Optimizing the Redundancy Allocation, Component Supplier Selection, and Reliable Activities for Multi-State Systems. *Reliability Engineering & System Safety*, 108394.
21. **Sharifi, M.**, Taghipour, S., & Abhari, A. (2022). Condition-based optimization of non-identical inspection intervals for a k-out-of-n load sharing system with hybrid mixed redundancy strategy. *Knowledge-Based Systems*, 108153.
22. Farahmand, A. A., Radfar, R., Poorebrahimi, A., & **Sharifi, M.** (2022). Investigating the Factors Affecting the Readiness Level of IoT Technology Acceptance (Case Study: Financial Activists, Stock Exchange, and Financial Institutions). *Journal of Advances in Computer Engineering and Technology*.
23. Jafar-Zanjani, H., Zandieh, M., & **Sharifi, M.** (2022). Robust and resilient joint periodic maintenance planning and scheduling in a multi-factory network under uncertainty: A case study. *Reliability Engineering & System Safety*, 217, 108113.
24. Azimpoor, S., Taghipour, S., Farmanesh, B., & **Sharifi, M.** (2022). Joint Planning of Production and Inspection of Parallel Machines with Two-phase of Failure. *Reliability Engineering & System Safety*, 217, 108097.
25. **Sharifi, M.**, Taghipour, S., & Abhari, A. (2021). Inspection interval optimization for a k-out-of-n load sharing system under a hybrid mixed redundancy strategy. *Reliability Engineering & System Safety*, 213, 107681.
26. **Sharifi, M.**, & Taghipour, S. (2021). Optimal production and maintenance scheduling for a degrading multi-failure modes single-machine production environment. *Applied Soft Computing*, 107312.
27. **Sharifi, M.**, Shahriyari, M., Khajepour, A., & Mirtaheri, S. A. (2021). Reliability Optimization of a k-out-of-n Series-Parallel System with Warm Standby Components. *Scientia Iranica. Transaction E, Industrial Engineering.*
28. Hosseini, S. S., Azimi, P., **Sharifi, M.**, & Zandieh, M. (2021). A new soft computing algorithm based on cloud theory for dynamic facility layout problem. *RAIRO: Recherche Opérationnelle*, *55*, 2433.
29. Guilani, P. P., **Sharifi, M.**, Azimi, P., & Amiri, M. (2021). A New Method for Reliability Calculation of the Active Systems with Time-Dependent Failure Rates based on Weibull Distribution. *Journal of Industrial Management Studies*, 19(61), 95-124.
30. Arbabian, Z., Khorshidi, A., Shahriyari, M., & **Sharifi, M.** (2021). Presentation of the pattern empowerment management for school administrators' Secondary education in Tehran city. *Career and Organizational Counseling*, 12(45), 155-176.

31. **Sharifi, M.**, Yargholi, F., & Shahriari, M. (2021). An Availability Evaluation Method for Desalination Process with Three-States Equipment under the Specific Repair Queuing Policy. *Scientia Iranica*.
32. Zaretalab, A., **Sharifi, M.**, & Taghipour, S. (2020). Machining condition-based stochastic modeling of cutting tool's life. *The International Journal of Advanced Manufacturing Technology*, *111*(11), 3159-3173.
33. Azimi, P., Hosseini, S., **Sharifi, M.**, & Zandieh, M. (2020). Developing a mathematical programming model for dynamic facility layout problem using transportation utilities. *Industrial Management Studies*, *18*(57), 43-99.
34. Khorram Nasab, S. H., Hosseinzadeh Lotfi, F., Shahriari, M. R., & **Sharifi, M.** (2020). Presenting an Integrated Management Model for Electronic Supply chain of Product and its Effect on Company'Performance (Case Study: National Iranian South Oil Company). *Journal of Investment Knowledge*, *9*(34), 55-70.
35. Pourkarim Guilani, P., **Sharifi, M.**, Azimi, P., & Amiri, M. (2020). presenting a new method for calculating the Reliability of active systems with Weibull-based time-dependent failure rates. *Industrial Management Studies*.
36. Farahmand, A.A., Radfar, R., Poorebrahimi, A., **Sharifi, M.** (2020). Identifying the Factors Affecting Readiness to Accept Internet of Things Technologies in Insurance Industry. *International Journal of Future Generation Communication and Networking*, 13(4), 990-1009.
37. **Sharifi, M.**, & Taghipour, S. (2020). Optimizing a redundancy allocation problem with open-circuit and short-circuit failure modes at the component and subsystem levels. *Engineering Optimization*, 1-17.
38. **Sharifi, M.**, Cheragh, G., Maljaii, K. D., Zaretalab, A., & Shahriari, M. Reliability and Cost Optimization of a System with k-out-of-n Configuration and Choice of Decreasing the Components Failure Rates. *Scientia Iranica. Transaction E, Industrial Engineering*.
39. Mahmoudi, H., **Sharifi, M.**, Shahriari, M. R., & Shafiee, M. A. (2020). Solving a Reverse Logistic Model for Multilevel Supply Chain Using Genetic Algorithm. *International Journal of Industrial Mathematics*, 12(2), 177-188.
40. **Sharifi, M.**, Saadvandi, M., & Shahriari, M. R. (2020). Presenting a series-parallel redundancy allocation problem with multi-state components using recursive algorithm and meta-heuristic. *Scientia Iranica*, 27(2), 970-982.
41. **Sharifi, M.**, & Taghipour, S. (2020). Optimal inspection interval for a k-out-of-n system with non-identical components. *Journal of Manufacturing Systems*, 55, 233-247.
42. Ghaleb, M., Taghipour, S., **Sharifi, M.**, & Zolfagharinia, H. (2020). Integrated production and maintenance scheduling in a single degrading machine with deterioration-based failures. *Computers & Industrial Engineering*, 106432.
43. Alamdari, A. B., & **Sharifi, M.** (2020). Solving a Joint Availability-Redundancy Optimization Model with Multistate Components and Metaheuristic Approach. *International Journal of Industrial Mathematics*, 12(1), 59-70.
44. Hadipour, H., Amiri, M., & **Sharifi, M.** (2019). Redundancy allocation in series-parallel systems under warm standby and active components in repairable subsystems. *Reliability Engineering & System Safety*, 192, 106048.
45. **Sharifi, M.**, Moghaddam, T. A., & Shahriari, M. (2019). Multi-objective Redundancy Allocation Problem with weighted-k-out-of-n subsystems. *Heliyon*, 5(12), e02346.
46. Vahdani, B., Kargari Esfand Abad, H., **Sharifi, M.**, & Etebari, F. (2019). A multi-objective optimization model for split pollution routing problem with controlled indoor activities in cross-docking under uncertainty. *Journal of Quality Engineering and Production Optimization*.
47. **Sharifi, M.**, Shahriari, M. R., & Zaretalab, A. (2019). The Effects of Technical and Organizational Activities on Redundancy Allocation Problem with Choice of Selecting Redundancy Strategies Using the memetic algorithm. *International Journal of Industrial Mathematics*, *11*(3), 165-176.

48. **Sharifi, M.**, & Khoshniat, S. (2019). Optimization of the Availability of a System with Short Circuit and Common Cause Failures. *International Journal of Industrial Mathematics*, *11*(4), 239-248.
49. Guilani, P. P., Azimi, P., **Sharifi, M.**, & Amiri, M. (2019). Redundancy allocation problem with a mixed strategy for a system with k-out-of-n subsystems and time-dependent failure rates based on Weibull distribution: An optimization via simulation approach. *Scientia Iranica. Transaction E, Industrial Engineering*, *26*(2), 1023-1038.
50. Abad, H. K. E., Vahdani, B., **Sharifi, M.**, & Etebari, F. (2018). A bi-objective model for pickup and delivery pollution-routing problem with integration and consolidation shipments in the cross-docking system. *Journal of cleaner production*, *193*, 784-801.
51. **Sharifi, M.**, Shojaie, A., Naserkhaki, S., & Shahriari, M. (2018). A Bi-objective Redundancy Allocation Problem with Time-Dependent Failure Rates. *International Journal of Industrial Engineering*, *25*(4).
52. Lavasani, A. H. K., Shahriari, M., & **Sharifi, M.** (2018). Presenting a Mathematical Model for Joint Production and Purchasing in a Multi-Product Problem and Determining the Optimal Order Value under Practical Constraints.
53. **Sharifi, M.**, Pourkarim Guilani, P., & Shahriari, M. (2016). Using NSGA II algorithm for a three objectives redundancy allocation problem with k-out-of-n sub-systems. *Journal of Optimization in Industrial Engineering*, 9(19), 87-96.
54. Ansari, M., Hosseini, R. S., & **Sharifi, M.** (2016). Evaluating and rating the performance of Qazvin municipalities, using the Balanced Scorecard (BSC) model, with Fuzzy Multi-Criteria Decision-Making (FMCDM) approach. *International Journal of Humanities and Cultural Studies (IJHCS) ISSN 2356-5926*, *3*(2), 185-197.
55. Shahriari, M., Shoja, N., Zade, A. E., Barak, S., & **Sharifi, M.** (2016). JIT single machine scheduling problem with periodic preventive maintenance. *Journal of Industrial Engineering International*, *12*(3), 299-310.
56. Shahriari, M., **Sharifi, M.**, & Khaki, S. N. (2016). A New Continuous Multi-State Reliability Model with Time-Dependent Component Performance Rate.
57. Teimouri, M., Zaretalab, A., Niaki, S. T. A., & **Sharifi, M.** (2016). An efficient memory-based electromagnetism-like mechanism for the redundancy allocation problem. *Applied Soft Computing*, *38*, 423-436.
58. **Sharifi, M.**, & Yaghoubizadeh, M. (2015). Reliability modeling of the redundancy allocation problem in the series-parallel systems and determining the system's optimal parameters. *Journal of Optimization in Industrial Engineering*, *8*(17), 67-77.
59. **Sharifi, M.**, Shahriari, M., & Shahab, S. A. (2015). Analysis of the Relationship between Service Quality and Loyalty in Secco Iran Company. *Journal of Current Research in Science*, *3*(3), 82.
60. **Sharifi, M.**, Cheragh, G., Maljaii, K. D., Zaretalab, A., Daei, F., & Vahid, A. (2015). Reliability Optimization of a Series-Parallel k-out-of-n System with Failure rate Depends on Working Components of System. *International Journal of Industrial Engineering*, *22*(4).
61. Fakhredaie, A. V., Veisi, A., & **Sharifi, M.** (2015). Solving a redundancy allocation problem with identical repairable components using simulation method and genetic algorithm. *The Business & Management Review*, *6*(2), 81.
62. **Sharifi, M.**, Mombeini, H., & ZaretalabH, A. (2015). The effects of technical and organizational activities on redundancy allocation problem with the choice of selecting redundancy strategies using imperialist competition algorithm. *The Business & Management Review*, *6*(2), 38.
63. Shahriari, M. R., Yaghoubizadeh, M., & **Sharifi, M.** (2015). A bi-objective model to optimize the Reliability and cost of the Series-parallel systems using the redundancy allocation problem. *The Business & Management Review*, *6*(2), 45.
64. **Sharifi, M.**, & Niat, S. K. (2015). Availability optimization of a system considering short circuit and common cause failures using BBQ Algorithm — t*he Business & Management Review*, *6*(2), 73.

65. Zaretalab, A., Hajipour, V., **Sharifi, M.**, & Shahriari, M. R. (2015). A knowledge-based archive multi-objective simulated annealing algorithm to optimize a series-parallel system with the choice of redundancy strategies. *Computers & Industrial Engineering*, *80*, 33-44.
66. **Sharifi, M.**, Shahriari, M., & Golzari, O. (2015). A study on the effects of the EFQM excellence model with regard to customer results in Mazandaran Province Gas Company (MPGC). *Journal of Current Research in Science*, *3*(1), 96.
67. Guilani, P. P., **Sharifi, M.**, Niaki, S., & Zaretalab, A. (2014). Redundancy allocation problem of a system with three-state components: A genetic algorithm. *International Journal of Engineering*, *27*(11), 35-43.
68. Guilani, P. P., **Sharifi, M.**, Niaki, S. T. A., & Zaretalab, A. (2014). Reliability evaluation of non-reparable three-state systems using the Markov model and its comparison with the UGF and the recursive methods. *Reliability Engineering & System Safety*, *129*, 29-35.
69. Rahmati, S. H. A., Ahmadi, A., **Sharifi, M.**, & Chambari, A. (2014). A multi-objective model for facility location-allocation problem with immobile servers within the queuing framework. *Computers & Industrial Engineering*, *74*, 1-10.
70. **Sharifi, M.**, Mousa Khani, M., & Zaretalab, A. (2014). Comparing Parallel Simulated Annealing, Parallel Vibrating Damp Optimization and Genetic Algorithm for Joint Redundancy-Availability Problems in a Series-Parallel System with Multi-State Components. *Journal of Optimization in Industrial Engineering*, *7*(14), 13-26.
71. Vahdani, B., & **Sharifi, M.** (2013). An inexact-fuzzy-stochastic optimization model for a closed-loop supply chain network design problem. *Journal of Optimization in Industrial Engineering*, *6*(12), 7-16.
72. Vahdani, B., Mousavi, S. M., Mousakhani, M., **Sharifi, M.**, & Hashemi, H. (2012). A neural network model based on a support vector machine for conceptual cost estimation in construction projects. *Journal of Optimization in Industrial Engineering*, *5*(10), 11-18.
73. Hashemi, E., **Sharifi, M.**, & Farshi, B. (2012). FEM Modeling of Beams Cyclic Loading Based on Ziegler-Prager and Armstrong-Frederick Kinematic Hardening Models. In *Applied Mechanics and Materials*, Vol. 110, pp. 2838-2846
74. Sharifi, M., Hashemi, E., & Farahpour, P. (2012). Real-Time Reliability Study of a Model with Increasing Failure Rates. In *Applied Mechanics and Materials*, Vol. 110, pp. 2774-2779.
75. Nayebi, M. A., **Sharifi, M.**, Shahriari, M. R., & Zarabadipour, O. (2012). Fuzzy-chance constrained multi-objective programming applications for the inventory control model. *Applied Mathematical Sciences*, *6*(5), 209-228.
76. Karimi, A., **Sharifi, M.**, & Chambari, A. (2011). Genetic algorithm and simulated annealing for redundancy allocation problem with cold-standby strategy. *Journal of Optimization in Industrial Engineering*, (8), 65-72.
77. Tarokh, M. J., Yazdani, M., **Sharifi, M.**, & Mokhtarian, M. N. (2011). Hybrid meta-heuristic algorithm for the task assignment problem. *Journal of Optimization in Industrial Engineering*, (7), 45-55.
78. **Sharifi, M.**, Memariani, A., and Noorossana, R., (2010). Real-time study of a k-out-of-n system. World applied sciences journal, 8(9), pp.1136-1143.
79. **Sharifi, M.**, Memariani, A. E. and Noorossana, R., (2009). Real-time study of a k-out-of-n system: n identical elements with increasing failure rates.

CONFERENCES

80. **Sharifi, M.**, Taghipour, S. & Abhari, A. (2022, January). General Transitions Probabilities and Maintenance Inspection Interval Optimization of a Weighted k-out-of-n System. In 2022 Annual Reliability and Maintainability Symposium (RAMS) (pp. 1-6). IEEE.
81. **Sharifi, M.**, Abhari, A., & Taghipour, S. (2021, December). A Queueing Model for Video Analytics Applications of Smart Cities. In 2021 Winter Simulation Conference (WinterSim) (pp. 1-7). IEEE.

82. **Sharifi, M.**, Abhari, A., & Taghipour, S. (2021, July). Modeling Real-Time Application Processor Scheduling for Fog Computing. In 2021 Annual Modeling and Simulation Conference (ANNSIM) (pp. 1-12). IEEE.
83. **Sharifi, M.**, & Taghipour, S. (2021, January). Joint Optimization of the Production Scheduling, Maintenance Activities, and Inventory Level for a Degrading Flexible Job-Shop Manufacturing System. In 2021 Annual Reliability and Maintainability Symposium (RAMS) (pp. 1-6). IEEE.
84. **Sharifi, M.**, & Taghipour, S. (2020, January). Joint optimizing the Production Sequence and Maintenance Plan for a Single-Machine Multi-Failure System. In 2020 Annual Reliability and Maintainability Symposium (RAMS) (pp. 1-6). IEEE.
85. **Sharifi, M.**, Begherpour, Z. and Shahriari, M. R., (2018), A Bi-Objective Suppliers Selection Model with Capacity Constraint, 6th International Conference on System Modeling and Optimization, Valenciennes, France.
86. **Sharifi, M.**, Khoshniat, S., (2015), Optimizing the Availability of a System with Short Circuit and Common Cause Failures Using BBO Algorithm, International Conference on Business and Economic Development, New York, USA.
87. **Sharifi, M.**, Rezaei Moayed, R., (2012), New Series Systems for Redundancy Allocation Problem with Repairable Components: Meta-heuristic Approach, ICNPAA 2012, Wien, Austria.
88. **Sharifi, M.**, Hashemi, E., Farahpour, P., (2011), Real-Time Redundancy Study of a Model with Increasing Failure Rates, MIMT2011, Singapore, Singapore.
89. Hashemi, E., **Sharifi, M.**, Farshi, B., (2011), FEM Modeling of Beams Cyclic Loading Based on Ziegler-Prager and Armstrong-Frederick Kinematic Hardening Models, MIMT2011, Singapore, Singapore.
90. **Sharifi, M.**, Rezaei Moayed, R., Haratizadeh, S., (2011), A New Model for Redundancy Allocation Problem in Series Systems with Repairable Components by Genetic Algorithm, ICNAAM 2011, Athens, Greece.
91. Farahpour, P., Mahshid, K., **Sharifi, M.**, Palizban, A., (2011), A Matrix Model for Reliability of a Cold-standby System with Identical Repairable Elements, ICNAAM 2011, Athens, Greece.
92. **Sharifi, M.**, Hamedanian, M., Naghizadeh, M., (2010), Real-Time Redundancy Study of an Exponential Time-Dependent Model, Worldcomp2010, Las Vegas, USA.
93. **Sharifi, M.**, Bafekr, S., Haratizadeh, S., (2010), Real-Time Redundancy Study of a Time-Dependent Failure Rates Model, ICAOR 2010, Turku, Finland.
94. **Sharifi, M.**, Memariani, A., Kazemi Ahari, B., (2009), Real-Time Study of a k-out-of-n System: in Identical Repairable Elements with Constant Failure and Repair Rates, International Multi-conference of Engineers and Computer Scientists, Hong Kong, Hong Kong.
95. **Sharifi, M.**, Torabinia, A., Shafiee, P., Norozi Zare, F., Sabet Ghadam, A., (2009), Reliability of k-out-of-n: G System with Identical Repairable Elements, 7th International Conference of Numerical Analysis and Applied Mathematics, Crete, Greece.
96. **Sharifi, M.**, Memariani, A., Masouleh, A. N., (2008), Real-Time Study of a System with n Non-Identical Elements by Increasable Failure Rates, International Multi-conference of Engineering and Computer Scientists 2008, Hong Kong, Hong Kong.
97. **Sharifi, M.**, Ganjian, M., Shafiee, P., (2006), Reliability of a System with n Parallel and Non-Identical Elements with Constant Failure Rates, International Conference on Computational Intelligence for Modeling, Control and Automation, Sydney, Australia.
98. **Sharifi, M.**, Moosakhani, M., Ganjian, M., (2005), Expansion of Reliability Models Based on Markov Chain with Consideration of Fuzzy Failure Rates: System with Two Parallel and Identical Elements with Increasable Failure Rate, 8th WSEAS International Conference on Applied Mathematics, Tenerife, Spain.