**Curriculum Vitae**

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| **Hadi Mokhtari, PhD**  Assistant Professor of Industrial Engineering, Faculty of Engineering, University of Kashan, Kashan, Ravand Blvd. P.O. Box 51167-87317, Iran.  Office: Room 5/-11, ITS Lab  E-mail:                        [mokhtari\_ie@kashanu.ac.ir](mailto:mokhtari_ie@kashanu.ac.ir)  [mokhtari\_ie@yahoo.com](mailto:Mokhtari_ie@yahoo.com)  Phone:                         +98 +361 82884936  Profile:                 https://scholar.google.com/citations?user=btXeO3oAAAAJ&hl=en  ate:                  25 Feb. 1984.  Marital Status:            Married | Asl.jpg |
| **Professional Experiences** | |
| **Fields of Specialization**   * + Scheduling Theory   + Logistics and Supply Chain Planning   + Production and Operations Management   + Manufacturing Systems   **Research Interests**   * + Coordination and Integration Issues in Supply Chain   + Joint Production and Routing Scheduling   + Applied Mathematical Programming and Decision Theory   + Integer Programming   + Bio and Nature Inspired Algorithms   + Computational and Intelligent Optimization | |
| **Academic Background** | |
| **Ph.D. in Industrial Engineering**  Tarbiat Modares University, Tehran, Iran  2009 - 2013  Ph.D. Thesis: “Coordination in Operational Supply Chain: Mathematical Programming and Solution Algorithms”, Supervisor: Professor Nakhai Kamal Abadi  GPA 19.02 / 20  **M. Sc. in Industrial Engineering**  K.N. Toosi University of Technology, Tehran, Iran  2006 - 2008  M. Sc. Dissertation: “Stochastic Time-Cost Tradeoff Analysis in PERT Networks”  GPA 17.37 / 20  **B. Sc. in Industrial Engineering**  K.N. Toosi University of Technology, Tehran, Iran  2002 - 2004  B. Sc. Project: “Feasibility Study of Steel Plant Construction”  GPA 17.10 / 20 | |
| **Achievements and Honors** | |
| * + Ranked First B.Sc. in the Industrial Engineering department, K.N. Toosi University of Technology, Iran, 2005.   + Ranked First in Ph.D. examination among all students at Industrial Engineering department, Tarbiat Modares University, Iran, 2011.   + Ranked First Ph.D. in the Industrial Engineering department, Tarbiat Modares University, Iran, 2012.   + Member of Iranian National Elites Foundation   + Member of Young Researchers Club | |
| **Journal Papers** | |
| * **H. Mokhtari** and A. Salmasnia “A Monte Carlo Simulation based Chaotic Differential Evolution Algorithm for Scheduling a Stochastic Parallel Processor System”, Accepted by journal of “Expert Systems with Applications”, Database: Elsevier (ISI-indexed). * **H. Mokhtari** and M. Dadgar “Scheduling Optimization of a Stochastic Flexible Job-Shop System with Time-Varying Machine Failure Rate”, Accepted by journal of “*Computers & Operations Research*”, Database: Elsevier (ISI-indexed). * **H. Mokhtari** “Designing an Efficient Bi-Criteria Iterated Greedy Heuristic for Simultaneous Order Scheduling and Resource Allocation: Balance between Cost and Lateness Measures”, Accepted by Journal of “*Neural Computing and Applications*”, Database: Springer (ISI-indexed). * K. Shahanaghi, H. Shah-Moradi, A. Noroozi and **H. Mokhtari** “A Robust Modeling and Optimization Framework for a Batch Processing Flow Shop Production System in the Presence of Uncertainties”, Accepted by Journal of “*International Journal of Computer Integrated Manufacturing*”, Database: Taylor & Francis (ISI-indexed). * Y.Z. Mehrjerdi, A. Yazdekhasti, A. Salmasnia, and **H. Mokhtari** “A Desirability Function-based Approach for Optimizing Generalized Queuing Networks”, Accepted by “*International Journal of Applied Management Science*”, Database: Inderscience (Scopus-indexed). * A. Noroozi and **H. Mokhtari** “Scheduling of Printed Circuit Board (PCB) Assembly Systems with Heterogeneous Processors Using Simulation based Intelligent Optimization Methods”, Accepted by “*Neural Computing and Applications*”, Database*: Springer* (ISI-indexed). * **H. Mokhtari** “A Nature Inspired Intelligent Water Drops Evolutionary Algorithm for Parallel Processor Scheduling with Rejection”, Accepted by Journal of “*Applied Soft Computing*”, Database*: Elsevier*(ISI-indexed). * **H. Mokhtari** “A Two Stage No-Wait Job Shop Scheduling Problem by using a Neuro-Evolutionary Variable Neighborhood Search”, Accepted by “*International Journal of Advanced Manufacturing Technology*”, Database*: Springer* (ISI-indexed). * **Mokhtari, H.** and I. Nakhai Kamalabadi, “Scheduling with an Outsourcing Option on Both Manufacturer and Subcontractors”, Accepted by “*Computers & Operations Research*”, Elsevier (ISI-indexed). * Salmasnia, A. Moeini, **H. Mokhtari**, and C. Mohebbi, “A Robust Posterior Preference Decision Making Approach to Multiple Response Process Design”, Accepted by “*International Journal of Applied Decision Sciences*”, Database*:* Indersciences. * Noroozi, **H. Mokhtari** and I. Nakhai Kamalabadi, “Research on computational intelligence algorithms with adaptive learning approach for scheduling problems with batch processing machines”, Accepted by journal of “*Neurocomputing*”, Database: Elsevier (ISI-indexed). * Naimi Sadigh, **H. Mokhtari**, M. Iranpoor, S.M.T. Fatemi Ghomi, “Cardinality Constrained Portfolio Optimization Using a Hybrid Approach based on Particle Swarm Optimization and Hopfield Neural Network”, Accepted by the journal of “*Advanced Science Letters*” (ISI-indexed). * **H. Mokhtari**, A. Salmasnia and M. Bastan “Three Dimensional Time, Cost and Quality Tradeoff Optimization in Project Decision Making”, Accepted by the Journal of “*Advanced Materials Research*”, 2012. * **H. Mokhtari**, “Adapting a Heuristic Oriented Methodology for Achieving Minimum Number of Late Jobs with Identical Processing Machines”, Accepted by the “*Research Journal of Applied Science, Engineering and Technology*” (ISI-indexed). * A. Noroozi, **H. Mokhtari** and I. Nakhai Kamalabadi, “A Genetic Programming Guided Search Designed for Production Scheduling when Batch Processing Machines are Available”, Accepted by the Journal of “*Advanced Science Letters*” (ISI-indexed). * **H. Mokhtari**, A. Mozdgir, and I. Nakhai Kamalabadi, “A Reliability/Availability Approach to Joint Production and Maintenance Scheduling with Multiple Preventive Maintenance Services”, Accepted by the “*International Journal of Production* *Research*”, Database: Taylor & Francis (ISI-indexed). * **H. Mokhtari**, I. Nakhai Kamalabadi and M.R. Amin-Naseri, “Production Scheduling with Outsourcing Scenarios: A Mixed Integer Programming and Efficient Solution Procedure”, Accepted by the “*International Journal of Production Research*”, Database: Taylor & Francis (ISI-indexed). * A. Salmasnia, **H. Mokhtari**, and I. Nakhai Kamalabadi, “A robust scheduling of projects with time, cost and quality considerations”, Accepted by the “*International Journal of Advanced Manufacturing Technology*”, Database: Springer (ISI-indexed). * **H. Mokhtari**, I. Nakhai Kamalabadi, and S.H. Zegordi, “Production capacity planning and scheduling in a no-wait environment with controllable processing times: An integrated modeling approach”, Accepted by the journal of “*Expert Systems with Applications*”, 2011, Database: Elsevier (ISI-indexed). * **H. Mokhtari**, I. Nakhai Kamalabadi, and A. Cheraghalikhani, “A multi-objective flow shop scheduling with resource-dependent processing times: Trade-off between makespan and cost of resources”, Accepted by the “*International Journal of Production Research*”, 2010, Database: Taylor & Francis (ISI-indexed). * **H. Mokhtari**, R.B. Kazemzadeh, and A. Salmasnia, “Time-cost trade-off analysis in project management: An ant system approach”, Accepted by Journal of “*IEEE Transactions on Engineering Management*”, 2010, Database: IEEE (ISI-indexed). * **H. Mokhtari**, A. Aghaie, J. Rahimi, and A. Mozdgir, “Project time-cost trade-off scheduling: a hybrid optimization approach”, Accepted by the “*International Journal of Advanced Manufacturing Technology*”, 2010, Database: Springer (ISI-indexed). * **H. Mokhtari**, and A. Aghaie, “The effect of price discount on time-cost trade off problem using genetic algorithm”, Accepted by the “*Engineering Journal*”, 2009, Database: Scientific Research Publishing Journals, USA. * Aghaie, and **H. Mokhtari**, “Ant colony optimization algorithm for stochastic project crashing problem in PERT networks using MC simulation”, Accepted by the “*International Journal of Advanced Manufacturing Technology*”, 2009, Database: Springer (ISI-indexed). * M.R. Amin-Naseri, **H. Mokhtari** and I. Nakhai Kamalabadi. “A Hybrid Algorithm for Price Discount Based Project Scheduling with Parameter Setting by Using Stepwise Regression”, (in Farsi) Published by “*International Journal of Industrial Engineering and Production Management*”, 2012. * **H. Mokhtari**, I. Nakhai Kamalabadi and S.H. Zegordi, “Upper Bound and Heuristic Solution Algorithm for Order Scheduling Problem with Machines Idle Time Minimization”, (in Farsi) Accepted by journal of “*Production and Operations Management*”, 2012. * **H. Mokhtari**, I. Nakhai Kamalabadi and M.R. Amin-Naseri, “Modeling and Analytical Solution of Integrated Scheduling and Capacity Planning Problem: Design of a Neighborhood Search Algorithm Based on Lower Bounds and Branch & Bound Approach”, (in Farsi) Accepted by *“International Journal of Industrial Engineering and Production Management*”, 2012. * M.R. Peyghami, A. Aghaie, and **H. Mokhtari**, “A New Mathematical Approach based on Conic Quadratic Programming for the Stochastic Time-Cost Tradeoff Problem in Project Management”, Accepted by the “*International Journal of Industrial Engineering and Production Research*”, 2012. | |

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