Saeed Dehnavi

1. Genera

Date and Place of birth: 28/3/1989 Kashan, Esfahan, Iran	
Email Address: dehnavi@kashanu.ac.ir	
Tel: +989392196990	

2. Education

Program	University	Duration	Field	Average
B.Sc.	University of Tehran	2007-2011	Industrial Engineering	16.52
M.Sc.	Iran Science and Technology University	2012-2014	Industrial Engineering	17.44
Ph.D.	Yazd University	2015-…	Industrial Engineering	19.18

3. Thesis

Program	Thesis Title	Supervisor
B.Sc.	Investigation of sustainable development in south Pars by System Dynamic Method	Dr. S. H. Iranmenesh
M.Sc.	The multi-objective scheduling of production and planning of material handling system with considering the machines and AGVs breakdown in CMS	Prof. M. Saidi Mehrabad
Ph.D.	Development of dynamic cellular production system models considering the role of material	Prof. A. Sadeghieh

	handling systems and demand management	

4. Research

Research Field: Routing and Scheduling of AGVs, Cellular Manufacturing System, Meta-heuristic Algorithms, Production Planning
Research Interests: Supply Chain Management, Scheduling, Dynamic Cellular Manufacturing System, Demand Management

5. Teaching Experiences

Duration	Place	Subject
2008-2010	Abdollahi High-School	Mathematics
2012-1013	Iran Science and Technology University	Operation Research1(Teacher Assistant)
2015-2016	Yazd University	Operation Research1(Teacher Assistant)
2016-2017	Yazd University	Operation Research1(Teacher Assistant)
2016-2017	Lecturer in Kashan University	Facilities Planning
2016-2017	Lecturer in Kashan University	Engineering Economy
2016-2017	Lecturer in Kashan-payame noor University	Production Planning
2016-2017	Lecturer in Kashan-payame noor University	System Dynamic
2016-2017	Lecturer in Kashan-payame noor University	Macro-economic
2016-2017	Lecturer in Kashan-payame noor University	Manufcturing Processes

6. Skills

Computer Skills: Windows, Matlab, C^{++}, Microsoft Office Programs, Vensim, GAMS Avesim, Lingo, Arena

7. Language

Language	Institute/Exam	Grade
English	Tolimo Exam	488

8. Referee in international journals

Journal of Scheduling
Operational Research: An International Journal
Journal of Intelligent Manufacturing

9. Publications

1) Mohammad, Saidi-Mehrabad, **Saeed, Dehnavi-Arani**, Farshid Evazabadian, Vahid Mahmoodian (2015): An Ant Colony Algorithm (ACA) for solving the new integrated model of job shop scheduling and conflict-free routing of AGVs, Computers and Industrial Engineering, Published (ISI).

2) **Saeed Dehnavi-Arani**, Mohammad Saidi-Mehrabad (2014): A two-stage model for cell formation problem considering the intercellular movements by automated guided vehicles, Journal of Industrial and Systems Engineering, Published (ISC)

3) **Saeed Dehnavi-Arani**, Mehdi Fazli (2016): A job shop scheduling and location of Battery Charging Storage (BCS) for the Automated Guided Vehicles (AGVs), Journal of Industrial Engineering International, Under revise (ISC: Springer).

4) Reza Rashid, **Saeed Dehnavi-Arani**, Farzad Hosseini, Mohmmadpour Omran (2015): A New Supply Chain Network Design Approach, regarding retailer's inventory level and supplier's response time, International Journal of Operation Research, Accepted (Inderscience).

5) **Saeed Dehnavi-Arani**, Morteza Pourgharibshahi, Hassan Khademi-Zare (2016): A group decision making process for material handling equipment selection problem by VIKOR and simulation: case study on a manufacturing company, International Journal of Industrial Engineering: Theory, Applications and Practice, Under Review (ISI).

6) **Saeed, Dehnavi-Arani**, Mohammad Saidi-Mehrabad, Vahidreza Ghezavati (2016): The simultaneous model of cell formation and intra-cell scheduling problem in a CMS with considering the inter-cellular AGVs' movement, International Journal of Operation Research, Accepted (Inderscience).

7) **<u>Saeed, Dehnavi-Arani,</u>** Farshid Evazabadian (2014): The multi-depot capacitated vehicle routing problem subject to possibility of returning the vehicles to all of depots using the Tabu search algorithm, Industrial Engineering and System Conference, Esfahan, Najafabad, Iran, Accepted.

8) **<u>Saeed, Dehnavi-Arani,</u>** Yousof Shamstabar, Mohammad Mahdi Vali-Siar (2016): Modeling the job shop scheduling considering the AGVs movement between manufacturing machines, 9th international Conference of Operation Research, Shiraz, Iran, Accepted.

9) **<u>Saeed, Dehnavi-Arani,</u>** Morteza Pourgharibshahi (2015): Evaluation of projects by five algorithms including dynamic programming, integer programming, incremental B/C, simulated annealing and variable neighborhood search, 12th international Conference of Industrial Engineering, Tehran, Iran, Accepted.

10)

11) SH Mirmohammadi, EB Tirkolaee, Alireza Goli, **<u>Saeed Dehnavi-Arani</u>** (**2016**): periodic green vehicle routing problem with considering of time-dependent urban traffic and time windows. International Journal of Optimization in Civil Engineering, Published.