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h-index (Scopus):
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Citations (Scopus):
5053

Supervised PhD Theses

#	Thesis title	By	Date
1	Designing a model for facility layout and scheduling in cellular manufacturing systems with assembly aspects	Kamran Forghani & Seyyed Mohammad Taghi Fatemi Ghomi	September 2020
2	A control system for dynamic mixed-model assembly lines	Hadi Mosadegh & Seyyed Mohammad Taghi Fatemi Ghomi	June 2018

Supervised MSc Theses

#	Thesis title	By	Date
1	Slot allocation scheduling and aircraft routing in a network of airports whit stochastic parameters	Amirfarhang Taji & Seyyed Mohammad Taghi Fatemi Ghomi	October 2021
2	provide a mathematical model for the maritime inventory routing problem by considering port and ocean conditions	Fatemeh Radan & Seyyed Mohammad Taghi Fatemi Ghomi	February 2021
3	Flexibility in Supplier Selection Portfolio under Uncertainty Condition	Amirmahdi Azadi & Seyyed Mohammad Taghi Fatemi Ghomi	February 2021
4	Sourcing strategies for a capacitated firm subject to supply and demand uncertainty by considering discount	Alireza Yavari & Seyyed Mohammad Taghi Fatemi Ghomi	October 2020

5	Reverse Logistics Network Design for Product Reuse ,Remanufacturing ,recycling and refurbishing under uncertainty	Erfan Shafiee Roudbari & Seyyed Mohammad Taghi Fatemi Ghomi	February 2020
6	joint Optimization of shelf space, inventory, control and pricing at the retail level	Maryam Amini & Seyyed Mohammad Taghi Fatemi Ghomi	September 2019
7	joint Optimization of shelf space, inventory, control and pricing at the retail level	Maryam Amini & Seyyed Mohammad Taghi Fatemi Ghomi	July 2019
8	Optimizing emergency preparedness and resource utilization in mass-casualty incidents	Mehrdad Gharib & Seyyed Mohammad Taghi Fatemi Ghomi	July 2019
9	Development of a location-routing-inventory model considering time windows and heterogeneous fleet	Mahdi Ostadi & Seyyed Mohammad Taghi Fatemi Ghomi	January 2019
10	Optimizing the dynamic ride sharing to reduce the traffic jam in large cities: case study - Implementation of ride sharing in Tehran	Fatemeh Fakhredin & Seyyed Mohammad Taghi Fatemi Ghomi	December 2018
11	Solving a transportation inventory location routing problem in multi commodity perishable goods distribution network considering environmentally issues	Bahare Askarian & Seyyed Mohammad Taghi Fatemi Ghomi	July 2018
12	Development of multi-objective model of pollution routing problem with traffic congestion perspective	Saeed Abbasi & Seyyed Mohammad Taghi Fatemi Ghomi	June 2018
13	Development of an approach under uncertainty for response and recovery phases of disaster management	Arash Amini & Seyyed Mohammad Taghi Fatemi Ghomi	October 2017
14	Developing a multi-objective optimization model for the emergency supply of critical items in the aftermath of a disaster under supply and demand uncertainty	Mahbubeh Haghi & Seyyed Mohammad Taghi Fatemi Ghomi	February 2017
15	Supplier selection And minimizing the number of tardy jobs in make-to-order supply chain	Javad Mohammad Azari & Seyyed Mohammad Taghi Fatemi Ghomi	October 2016
16	Joint Assignment and Routing Optimization Model for Multi Period Home Health Care services	Ehsan Arabzadeh & Seyyed Mohammad Taghi Fatemi Ghomi	October 2016
17	Developing a joint economic lot sizing for deteriorating items with price and stock-dependent demand	Mahya Hemmati & Seyyed Mohammad Taghi Fatemi Ghomi	October 2016
18	multi-objective optimization in green supply chain	Jelveh Firoozbakht & Seyyed Mohammad Taghi Fatemi Ghomi	February 2016
19	Flexible Open Shop Scheduling Problem with Total Tardiness criterion	Vahed Adak & Seyyed Mohammad Taghi Fatemi Ghomi	February 2016
20	Robustness scheduling in supply chain under uncertainty	Maryam Teymouri & Seyyed Mohammad Taghi Fatemi Ghomi	October 2014
21	Planning in a cross dock based on predetermined truck loading due date	Sajjad Rahmanzadeh & Seyyed Mohammad Taghi Fatemi Ghomi	October 2014
22	Multi stage production planning in closed- loop supply chain	Somaye Torkaman & Seyyed Mohammad Taghi Fatemi Ghomi	September 2014
23	Ordering, shipment and pricing optimization for a manufacturer – retailer supply chain with price dependent demand	Maryam Khojaste Sarakhsi & Seyyed Mohammad Taghi Fatemi Ghomi	October 2013
24	Scheduling of inbound and outbound trucks in multiple cross docks: considering covering radius	Pooya Heidari & Seyyed Mohammad Taghi Fatemi Ghomi	October 2013
25	A humanitarian logistics model for disaster relief under demand uncertainty	Reza Mohammadi & Seyyed Mohammad Taghi Fatemi Ghomi	October 2013

26	supply chain network design for deteriorating items with discount consideration	Mojtaba Hajian Heidary & Seyyed Mohammad Taghi Fatemi Ghomi	September 2013
27	economic design of simple linear profiles	Saeed Jaberi & Seyyed Mohammad Taghi Fatemi Ghomi	September 2013
28	Split Delivery vehicle Routing scheduling with cross Docking	Sara Shahinmoghadam & Seyyed Mohammad Taghi Fatemi Ghomi	February 2013
29	Locating the cross dock distribution centers in supply chain under dynamic and uncertain demand	Mostafa Telgerdi & Seyyed Mohammad Taghi Fatemi Ghomi	February 2013
30	Modeling and solving scheduling problem in group technology multi- objective hybrid flow shop environment with stochastic processing times and due dates	Masoud Ebrahimi Vostakolaei & Seyyed Mohammad Taghi Fatemi Ghomi	November 2012
31	Multi- level Multi – product Multi- period production planning with major and minor sequence – dependent setups	Marzieh Fadaei Moloudi & Seyyed Mohammad Taghi Fatemi Ghomi	November 2012
32	A multi-objective one multiple suppliers supply chain coordination model with quantity discount policy	Amir Kamali & Seyyed Mohammad Taghi Fatemi Ghomi	October 2011
33	Supply chain network design with facility location consideration	Mostafa Pazoki & Seyyed Mohammad Taghi Fatemi Ghomi	October 2011
34	Applying meta- heuristic methods to solve the two – stage assembly flow –shop scheduling problem with non – identical parallel assembly machines	Javad Navaei & Seyyed Mohammad Taghi Fatemi Ghomi	September 2011
35	A hybrid Taguchi- artificial immune approach to optimize an integrated supply chain design	Rasoul Jamshidi & Seyyed Mohammad Taghi Fatemi Ghomi	September 2011
36	Bi-criteria Assembly Line Balancing by considering flexible operation times	Nima Hamta & Seyyed Mohammad Taghi Fatemi Ghomi	September 2011
37	Simultaneous solving of Balancing and Sequencing for Mixed Model production in JTT Systems	Hadi Mosadegh & Seyyed Mohammad Taghi Fatemi Ghomi	February 2011
38	Bi –objectives flexible flow shop with limited intermediate buffers and sequence – dependant setup times	Soodabeh Khadem Abbas Khiyabani & Seyyed Mohammad Taghi Fatemi Ghomi	February 2011
39	Flow shop Scheduling Problem with deteriorating jobs to minimize total tardiness	Maedeh Bank & Seyyed Mohammad Taghi Fatemi Ghomi	November 2010
40	Solving multi- objective supply planning in two – level assembly systems with random lead times	Reza Sakiani & Seyyed Mohammad Taghi Fatemi Ghomi	September 2010
41	Two machine flow shop scheduling with consideration of transportation among machines using heuristic and meta-heuristic methods	Omid Amir Taheri & Seyyed Mohammad Taghi Fatemi Ghomi	May 2010
42	Meta-heuristic algorithms with parameter setting for a multi-objective assembly line balancing problem	Seyedalireza Seyedalaghehband & Seyyed Mohammad Taghi Fatemi Ghomi	January 2010
43	Multi-objective scheduling of inbound and trucks in cross docking systems by met heuristics	Alireza Bolori Arabani & Seyyed Mohammad Taghi Fatemi Ghomi	January 2010
44	Multi- objective scheduling of flexible job- shop problem (F JSP) with a Meta –heuristic based on learning and evolving	Esmaeel Moradi & Seyyed Mohammad Taghi Fatemi Ghomi	January 2010
45	Two stage hybrid reentrant flow shop with the criterion of minimizing makes pan	Masood Hekmatfar & Seyyed Mohammad Taghi Fatemi Ghomi	December 2008

46	Lot Size Determination in ELSP Considering Money Time Value	Maryam Makhlesian & Seyyed Mohammad Taghi Fatemi Ghomi	November 2008
47	Development of a methodology for group scheduling problem in dynamic flexible flow shops	Kamran Kianfar & Seyyed Mohammad Taghi Fatemi Ghomi	November 2008
48	Multi- Criteria Hybrid Flow Shop Scheduling with Sequence Dependent Setup Times	Javad Behnamian & Seyyed Mohammad Taghi Fatemi Ghomi	October 2008
49	DYNAMIC JOBSHOP SCHEDULING WITH THE OBJECTIVE OF MINIMIZING TOTAL EARLINESS/TARDINESS WITH RESPECT TO DUE DATES	Mahdi Iranpour Mobarekeh & Seyyed Mohammad Taghi Fatemi Ghomi	December 2007
50	HYBRID FLOW SHOP SCHEDULING WITH SEQUENCE- DEPENDENT SETUP TIME WITH ELECTROMAGNETISM META HEURISTIC	Vahdat Rajabzadeh & Seyyed Mohammad Taghi Fatemi Ghomi	November 2007
51	DUE DATE ASSIGNMENT FOR MULTISTAGE ASSEMBLY SYSTEMS WITH LONGEST PATH APPROACH IN NETWORK OF QUEUES	Reza Ghasemy Yaghin & Seyyed Mohammad Taghi Fatemi Ghomi	October 2007
52	Hybrid Flow Shop Scheduling with Sequence- Dependent Setup Time with Preventive Maintenance	Bahman Naderi & Seyyed Mohammad Taghi Fatemi Ghomi	September 2007
53	A HEURISTIC ALGORITHM FOR MULTI-ITEM LOT-SIZING CAPACITATED PROBLEM (MLCP) WITH IMMEDIATE LOST SALES	Seyed Vahid Reza Nooraie & Seyyed Mohammad Taghi Fatemi Ghomi	December 2006
54	SUPPLY CHAIN OPERATION PLANNING WITH PLANNED LOAD TIMES, CONSIDERING SETUP TIMES & DETERMINATION OF LOT SIZES	Hossein Zolfi & Seyyed Mohammad Taghi Fatemi Ghomi	November 2006
55	MULTI-ITEM ECONOMIC ORDER QUANTITY WITH CONSIDERATION OF TRANSPORTATION COST	Abbas Raad & Seyyed Mohammad Taghi Fatemi Ghomi	September 2006

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	On Criticality of Paths in Networks with Imprecise Durations and Generalized Precedence Relations	Siamak Haji Yakhchali, S.Hassan Ghodspour, Seyyed Mohammad Taghi Fatemi Ghomi	Germany	October 2009	1
2	Production Panning and Inventory Control	Seyyed Mohammad Taghi Fatemi Ghomi	Iran (Islamic Republic of)	June 2017	10
3	A hybrid fuzzy multiple objective approach to lotsizing,pricing,and marketing planning model	Reza Ghasemy Yaghin, Seyyed Mohammad Taghi Fatemi Ghomi	United States	January 2012	1
4	Mathematics of Uncertainty Modeling in the Analysis of Engineering and Science Problems	Reza Ghasemy Yaghin, Seyyed Mohammad Taghi Fatemi Ghomi, S.A.Torabi	United States	December 2013	1

Journal Papers

Portal Records

- 1 Masoud Jenabi, Seyyed Mohammad Taghi Fatemi Ghomi, S.A.Torabi, Moeen Sammak Jalali, "An accelerated Benders decomposition algorithm for stochastic power system expansion planning using sample average approximation", *Opsearch*, November 2021 Vol. 0, Num. 0, Page 0-0, November 2021,
- 2 Erfan Shafiee Roudbari, Seyyed Mohammad Taghi Fatemi Ghomi, Mohsen Sheikh Sajadieh, "Reverse logistics network design for product reuse, remanufacturing, recycling and refurbishing under uncertainty", *JOURNAL OF MANUFACTURING SYSTEMS*, July 2021 Vol. 60, Num. 0, Page 473-486, July 2021,
- 3 Mehrdad Gharib, Seyyed Mohammad Taghi Fatemi Ghomi, Fariborz Jolai, "A multi-objective stochastic programming model for post-disaster management", *Transportmetrica A:Transport Science*, May 2021 Vol. 0, Num. 0, Page 0-0, May 2021,
- 4 Mahya Hemmati, Seyed Mohammad Javad Mirzapour Alehashem, Seyyed Mohammad Taghi Fatemi Ghomi, "Heuristic analyses of separate and bundling sales for complimentary products under consignment stock policy", *COMPUTERS & INDUSTRIAL ENGINEERING*, April 2021 Vol. 0, Num. 0, Page 0-0, April 2021,
- 5 Samrad Jafarian-Namin, Seyyed Mohammad Taghi Fatemi Ghomi, Mohsen Shojaie, Saeed Shavvalpour, "Annual forecasting of inflation rate in Iran: Autoregressive integrated moving average modeling approach", *Engineering Reports*, April 2021 Vol. 3:e12344, Num. 0, Page 1-11, April 2021,
- 6 Javad Behnamian, Seyyed Mohammad Taghi Fatemi Ghomi, "MULTI-OBJECTIVE MULTI-FACTORY SCHEDULING", *RAIRO-OPERATIONS RESEARCH*, March 2021 Vol. 55, Num. 0, Page 1447-1467, March 2021,
- 7 S.A.Lesany, Seyyed Mohammad Taghi Fatemi Ghomi, "Extraction and organization of statistical distribution function for simulation of variations and patterns in the variability control charts", *JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION*, March 2021 Vol. 0, Num. 0, Page 0-0, March 2021,
- 8 Kamran Forghani, Seyyed Mohammad Taghi Fatemi Ghomi, Reza Kia, "Group layout design of manufacturing cells incorporating assembly and energy aspects", *ENGINEERING OPTIMIZATION*, March 2021 Vol. 0, Num. 0, Page 0-0, March 2021,
- 9 Samrad Jafarian-Namin, Mohammad Saber Fallahnezhad, Reza Tavakoli-Moghaddam, Ali Salmasnia, Seyyed Mohammad Taghi Fatemi Ghomi, "An integrated quality, maintenance and production model based on the delayed monitoring under the ARMA control chart", *JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION*, March 2021 Vol. 0, Num. 0, Page 0-0, March 2021,
- 10 Kamran Forghani, Seyyed Mohammad Taghi Fatemi Ghomi, Reza Kia, "Concurrent scheduling and layout of virtual manufacturing cells considering assembly aspects", *PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE*, December 2020 Vol. 0, Num. 0, Page 1-14, December 2020,
- 11 Kayhan Alamatsaz, Seyyed Mohammad Taghi Fatemi Ghomi, Mehdi Iranpoor, "Minimal covering unrestricted location of obnoxious facilities:bi-objective formulation and a case study", *Opsearch*, November 2020 Vol. 0, Num. 0, Page 0-0, November 2020,
- 12 Mehrdad Gharib, Seyyed Mohammad Taghi Fatemi Ghomi, Fariborz Jolai, "A dynamic dispatching problem to allocate relief vehicles after a disaster", *ENGINEERING OPTIMIZATION*, November 2020 Vol. 0, Num. 0, Page 1-18, November 2020,
- 13 Sajjad Rahmanzadeh, Seyyed Mohammad Taghi Fatemi Ghomi, Mohsen Sheikh Sajadieh, "Cross dock scheduling under multi-period condition", *Journal of Industrial and Systems Engineering*, November 2020 Vol. 12, Num. 4, Page 208-226, November 2020,
- 14 Seyyed Mohammad Taghi Fatemi Ghomi, Behrooz Karimi, Javad Behnamian, Jelveh Firoozbakht, "A multi-objective particle swarm optimization based on pareto archive for integrated production and distribution planning in a green supply chain", *APPLIED ARTIFICIAL INTELLIGENCE*, November 2020 Vol. 0, Num. 0, Page 0-0, November 2020,
- 15 Kamran Forghani, Seyyed Mohammad Taghi Fatemi Ghomi, "Joint cell formation,cell scheduling,and group layout problem in virtual and classical cellular manufacturing systems", *APPLIED SOFT COMPUTING*, September 2020 Vol. 0, Num. 0, Page 0-0, September 2020,
- 16 Erfan Shafiee Roudbari, Seyyed Mohammad Taghi Fatemi Ghomi, Mohsen Sheikh Sajadieh, "Network design for multi echelon reverse logistics and solving with hybrid algorithm", , September 2020 Vol. 8, Num. 16, Page 185-197, September 2020,

- 17 Moeen Sammak Jalali, Seyyed Mohammad Taghi Fatemi Ghomi, Masoud Rabbani, "A graph-based decision support system for analyzing hybrid make-to-stock/make-to-order manufacturing environments", *Brazilian Journal of Operations & Production Management*, April 2020 Vol. 17, Num. 1, Page 0-0, April 2020,
- 18 Kamran Forghani, Seyyed Mohammad Taghi Fatemi Ghomi, Reza Kia, "Solving an integrated cell formation and group layout problem using a simulated annealing enhanced by linear programming", *SOFT COMPUTING*, January 2020 Vol. 0, Num. 0, Page 0-0, January 2020,
- 19 Mehdi Iranpoor, Seyyed Mohammad Taghi Fatemi Ghomi, "Periodic flexible maintenance planning in a single-machine production environment", *Journal of Industrial Engineering International*, November 2019 Vol. 15, Num. 4, Page 627-635, November 2019,
- 20 Kamran Forghani, Seyyed Mohammad Taghi Fatemi Ghomi, "Cellular Manufacturing Scheduling in the Presence of Multiple Process Routings and Considering Job Splitting", *ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH*, October 2019 Vol. 53, Num. 2, Page 271-288, October 2019,
- 21 Hadi Mosadegh, Seyyed Mohammad Taghi Fatemi Ghomi, G.A.Suer, "Stochastic mixed-model assembly line sequencing problem: Mathematical modeling and Q-learning based simulated annealing hyper-heuristic", *EUROPEAN JOURNAL OF OPERATIONAL RESEARCH*, September 2019 Vol. 0, Num. 0, Page 0-0, September 2019,
- 22 Kamran Forghani, Seyyed Mohammad Taghi Fatemi Ghomi, "A queuing theory-based approach to designing cellular manufacturing systems", *SCIENTIA IRANICA TRANSACTION E-INDUSTRIAL ENGINEERING*, July 2019 Vol. 26, Num. 3, Page 1865-1880, July 2019,
- 23 Navid Salmanzadeh Meydani, Seyyed Mohammad Taghi Fatemi Ghomi, "The causal relationship among electricity consumption, economic growth and capital stock in Iran", *JOURNAL OF POLICY MODELING*, June 2019 Vol. 0, Num. 0, Page 0-0, June 2019,
- 24 Fateme Marandi, Seyyed Mohammad Taghi Fatemi Ghomi, "Network configuration multi-factory scheduling with batch delivery: A learning-oriented simulated annealing approach", *COMPUTERS & INDUSTRIAL ENGINEERING*, May 2019 Vol. 132, Num. 0, Page 293-310, May 2019,
- 25 Mehdi Iranpoor, Seyyed Mohammad Taghi Fatemi Ghomi, "Integrated Due Date Setting and Scheduling on a Single Machine Considering an Unexpected Unavailability", *Journal of Optimization in Industrial Engineering*, January 2019 Vol. 12, Num. 1, Page 1-13, January 2019,
- 26 Masoud Ebrahimi Vostakolaei, Seyyed Mohammad Taghi Fatemi Ghomi, Behrooz Karimi, "APPLICATION OF THE PREVENTIVE MAINTENANCE SCHEDULING TO INCREASE THE EQUIPMENT RELIABILITY: CASE STUDY- BAG FILTERS IN CEMENT FACTORY", *JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION*, January 2019 Vol. 0, Num. 0, Page 0-0, January 2019,
- 27 Seyyed Mohammad Taghi Fatemi Ghomi, Fatemeh Sogandi, "A two-sided Bernoulli-based CUSUM control chart with autocorrelated observations", *Journal of Industrial Engineering International*, December 2018 Vol. 15, Num. 0, Page 287-292, December 2018,
- 28 Maryam Khojaste Sarakhsi, S.Hassan Ghodspour, Seyyed Mohammad Taghi Fatemi Ghomi, H.Dashtaki-Hesari, "Energy efficiency of Iran Building: a SWOT-ANP approach", *International Journal of Energy Sector Management*, December 2018 Vol. 0, Num. 0, Page 0-0, December 2018,
- 29 Mohammad Hashem-Nazari, Akbar Esfahanipour, Seyyed Mohammad Taghi Fatemi Ghomi, "A 'basic form'-focused modeling and a modified parameter estimation technique for grey prediction models", *SCIENTIA IRANICA TRANSACTION E-INDUSTRIAL ENGINEERING*, October 2018 Vol. 25, Num. 5, Page 2867-2880, October 2018,
- 30 Seyyed Mohammad Taghi Fatemi Ghomi, Bahare Askarian, "Development of metaheuristics to solve a transportation inventory location routing problem considering lost sale for perishable goods", *Journal of Modelling in Management*, October 2018 Vol. 0, Num. 0, Page 0-0, October 2018,
- 31 Mahya Hemmati, Seyyed Mohammad Taghi Fatemi Ghomi, Mohsen Sheikh Sajadieh, "Inventory of complementary products with srtock-dependent demand under vendor-managed inventory with consignmeent policy", *SCIENTIA IRANICA TRANSACTION E-INDUSTRIAL ENGINEERING*, September 2018 Vol. 25, Num. 4, Page 2347-2360, September 2018,
- 32 Fateme Marandi, Seyyed Mohammad Taghi Fatemi Ghomi, "Integrated multi-factory production and distribution scheduling applying vehicle routing approach", *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*, July 2018 Vol. 0, Num. 0, Page 0-0, July 2018,

- 33 J. Behnamian, Seyyed Mohammad Taghi Fatemi Ghomi, F. Jolai, Mostafa Telgerdi, "Optimal design of cross docking supply chain networks with time-varying uncertain demands", *Journal of Industrial and Systems Engineering*, April 2018 Vol. 11, Num. 2, Page 1-20, April 2018,
- 34 Moeen Sammak Jalali, Seyyed Mohammad Taghi Fatemi Ghomi, "Demand Forecasting in Hybrid MTS/MTO Production Systems", *International Journal of Applied Industrial Engineering*, March 2018 Vol. 5, Num. 1, Page 63-78, March 2018,
- 35 Javad Behnamian, Seyyed Mohammad Taghi Fatemi Ghomi, Fariborz Jolai, Pooya Heidari, "Location-Allocation and Scheduling of Inbound and Outbound Trucks in Multiple Cross-Dockings Considering Breakdown Trucks", *Journal of Optimization in Industrial Engineering*, January 2018 Vol. 1, Num. 0, Page 51-65, January 2018,
- 36 Moeen Sammak Jalali, Seyyed Mohammad Taghi Fatemi Ghomi, Masoud Rabbani, "A system dynamics approach towards analysis of hybrid make-to-stock/make-to-order production systems", *INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS*, January 2018 Vol. 19, Num. 1, Page 143-163, January 2018,
- 37 S.A.Lesany, Seyyed Mohammad Taghi Fatemi Ghomi, A.Koochakzadeh, "Development of fitted line and fitted cosine curve for recognition and analysis of unnatural patterns in process control charts", *PATTERN ANALYSIS AND APPLICATIONS*, January 2018 Vol. 0, Num. 0, Page 0-0, January 2018,
- 38 Somaye Torkaman, Seyyed Mohammad Taghi Fatemi Ghomi, Behrooz Karimi, "Hybrid simulated annealing and genetic approach for solving a multi-stage production planning with sequence-dependent setups in a closed-loop supply chain", *APPLIED SOFT COMPUTING*, November 2017 Vol. 0, Num. 0, Page 0-0, November 2017,
- 39 Somaye Torkaman, Seyyed Mohammad Taghi Fatemi Ghomi, Behrooz Karimi, "Multi-stage multi-product multi-period production planning with sequence-dependent setups in closed -loop supply chain", *COMPUTERS & INDUSTRIAL ENGINEERING*, October 2017 Vol. 113, Num. 0, Page 602-613, October 2017,
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- 41 Hadi Mosadegh, Seyyed Mohammad Taghi Fatemi Ghomi, G.A.Suer, "A control theoretical modelling for velocity tuning of the conveyor belt in a dynamic mixed-model assembly line", *INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH*, September 2017 Vol. 0, Num. 0, Page 0-0, September 2017,
- 42 Hassan Hosseini-Nasab, Sepideh Fereidouni, Seyyed Mohammad Taghi Fatemi Ghomi, Mohammad Bagher Fakhzad, "Classification of facility layout problems: a review study", *INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY*, August 2017 Vol. 0, Num. 0, Page 0-0, August 2017,
- 43 Mohammad Hashem-Nazari, Akbar Esfahanipour, Seyyed Mohammad Taghi Fatemi Ghomi, "Non-Equidistant 'Basic Form'-Focused Grey Verhulst Models (NBFGVMS) For Ill-Structured Socio-Economic Forecasting Problems", *JOURNAL OF BUSINESS ECONOMICS AND MANAGEMENT*, August 2017 Vol. 18, Num. 4, Page 676-694, August 2017,
- 44 M.Haghi, Seyyed Mohammad Taghi Fatemi Ghomi, Pedram Hoosangitabrizi, "A novel deterministic model for simultaneous weekly assignment and scheduling decision-making in operating theaters", *SCIENTIA IRANICA TRANSACTION E-INDUSTRIAL ENGINEERING*, August 2017 Vol. 24, Num. 4, Page 2035-2049, August 2017,
- 45 Hossein Badri, Seyyed Mohammad Taghi Fatemi Ghomi, Taha-Hossein Hejazi, "A two-stage stochastic programming approach for value-based closed-loop supply chain network desing", *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, July 2017 Vol. 105, Num. 0, Page 1-17, July 2017,
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- 47 Mahbubeh Haghi, Seyyed Mohammad Taghi Fatemi Ghomi, F. Jolai, "Developing a robust multi-objective model for pre / post disaster times under uncertainty in demand and resource", *JOURNAL OF CLEANER PRODUCTION*, April 2017 Vol. 154, Num. 0, Page 188-202, April 2017,
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

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- 202 Seyyed Mohammad Taghi Fatemi Ghomi,, "Project completion time distribution (PDF and CDF) " , , September 1991

Taught Courses

#	Course title	Description	Headlines	Date
1	Production Planning	The aim of this course is to analyze production problems in an industrial company through operations research methodologies.		Fall 2021
2	Queuing Systems	The main goal of this course is to provide appropriate models for the situations in industries and services which the supply level is less than the desired level of customers to satisfy customer satisfaction		Fall 2021

3	Forecasting & Time Series Analysis.	The main goal of this course is to introduce quantitative techniques to be applied for forecasting systems so that the value of variables important in the process of decision making can be guessed systematically and regularly.		Spring 2021
4	Production Planning	The aim of this course is to analyze production problems in an industrial company through operations research methodologies.		Spring 2021
5	Project Planning and Scheduling	The purpose of this course is to study the various techniques in the published papers and books and analyze the new aspects and topics in the recent years.		Spring 2021
6	Queuing Systems	The main goal of this course is to provide appropriate models for the situations in industries and services which the supply level is less than the desired level of customers to satisfy customer satisfaction		Fall 2020
7	Production Planning	The aim of this course is to analyze production problems in an industrial company through operations research methodologies.		Fall 2020