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h-index (Scopus):

15

Citations (Scopus):

632

Supervised MSc Theses

| # | Thesis title | By | Date |
|---|---|---------------------------------------|----------------|
| 1 | Brain tumor MRI segmentation: neural network methods and fuzzy logic | Mahsa Meyari & Abbas Ahmadi | September 2021 |
| 2 | Designing Recommender System in Tourism Industry by Big Data Approach | Marzie Salimian & Abbas Ahmadi | September 2021 |
| 3 | A model for learning and recognition of patient activity in elderly care | Pouya Karimian Dehaghi & Abbas Ahmadi | September 2021 |
| 4 | Automated guided vehicle routing problem in healthcare systems using human- machine interaction | Zahra Dehghan Manshadi & Abbas Ahmadi | September 2021 |
| 5 | Diagnosis of anesthesia pancreatic cancer by hybrid approach of clustering and neural network | Roya Almasi & Abbas Ahmadi | June 2021 |
| 6 | Detecting the risk of breast cancer using neural network algorithms and deep learning | Taha Bastani & Abbas Ahmadi | April 2021 |
| 7 | Designing lung cancer diagnosis model using CT images | Seyed Kamal Mousavi & Abbas Ahmadi | January 2021 |
| 8 | determining the transporting policy for perishable goods in a 3pl pharmaceutical system | Hamed Araqi & Abbas Ahmadi | October 2020 |
| 9 | Brain tumor segmentation and classification using deep learning and Neural Networks | Maryam Jafaripakzad & Abbas Ahmadi | September 2020 |

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| 10 | Developing intelligence recognition model for brain atrophy from MRI images | Sahar Hanifi & Abbas Ahmadi | September 2020 |
| 11 | Developing a prediction model for customer churn in banking industry services using ensemble methods | Seyedeh Mahdiyeh Shafienejad & Abbas Ahmadi | September 2020 |
| 12 | A Multi-Objective Model for the Green Capacitated Location-Routing Problem by Considering Time Window with Uncertain Demand | Kayhan Alamatsaz & Abbas Ahmadi | August 2020 |
| 13 | An statistical approach to apply multiple response surface methodology for simultaneous improvement of quality characteristics | Behrooz Asghari & Abbas Ahmadi | March 2020 |
| 14 | Proposing a novel kernelized and fuzzy type 2 approach for lung CT image segmentation | Pegah Saadati & Abbas Ahmadi | March 2020 |
| 15 | Customer segmentation and behavior modeling based on customer lifetime value (CLV) using RFM | Samaneh Movaghar Hoor & Abbas Ahmadi | February 2020 |
| 16 | Traffic data fusion to estimate travel time | Sayedmohsen Kheyrandish & Abbas Ahmadi | January 2019 |
| 17 | Optimizing Corporate Clients Portfolio In A Two Echelon Banking Supply Chain- A case study | Ali Majidi & Abbas Ahmadi | January 2019 |
| 18 | Designing a pothole detection system, using machine learning methods | Farzad Salimi & Abbas Ahmadi | October 2018 |
| 19 | automatic road crack detection and classification using image processing techniques, machine learning and integration models in urban areas | Sadjad Khalesi & Abbas Ahmadi | October 2018 |
| 20 | Lung cancer detection in CT images and 3D geometry tumor modeling: deep learning approach | Mozhgan Vazifeh Doost Irani & Abbas Ahmadi | October 2018 |
| 21 | Modeling and Forecasting the Future of Logistics and International Load Transit in the Routes in Iran | Ali Habibzadeh Motlagh & Abbas Ahmadi | September 2018 |
| 22 | lung cancer recognition using cooperative swarms clustering | Fatemeh Sadeghi & Abbas Ahmadi | February 2018 |
| 23 | Developing an interactive model for search results visualization in scientific documents corpus | Sayed Mahmood Bakhshayesh & Abbas Ahmadi | February 2018 |
| 24 | breast tumor recognition by fusing multiple mammography images | Elmira Fathdokht & Abbas Ahmadi | October 2017 |
| 25 | Interactive modelling for summarizing scientific documents | Farnoush Bayatmakou & Abbas Ahmadi | October 2017 |
| 26 | Designing an intelligent decision support system for re allocating and re-deploying | Mahdi Khaknezhad & Abbas Ahmadi | July 2017 |
| 27 | improving the prediction of customer churning by multiple-classifier approach | Reza Rahbin & Abbas Ahmadi | December 2016 |
| 28 | Modeling green suppliers development considering long term green performance | Faeze Ardestani & Abbas Ahmadi | November 2016 |
| 29 | diagnosis and modeling of lung tumor geometry using fuzzy approach | Parnian Afshar Bakeshloo & Abbas Ahmadi | October 2016 |
| 30 | Customer clustering based on particle swarm optimization I order to develop a new product | Hossein Kamalzadeh & Abbas Ahmadi | July 2016 |

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| 31 | A multi-objective multi-product multi-echelon inventory model with uncertain demand | Hamed Mohammadi & Abbas Ahmadi | February 2016 |
| 32 | Simulation of intelligent emergency vehicle dispatching and transportation problem with whole area coverage | Mohammad Noroozi & Abbas Ahmadi | February 2016 |
| 33 | Proposing intelligent cooperative systems based on classifier ensemble for lung cancer recognition | Farzad Vasheghani Farahani & Abbas Ahmadi | February 2016 |
| 34 | Breast cancer diagnosis using a hybrid classification approach | Naeimeh Fatahi & Abbas Ahmadi | February 2016 |
| 35 | Clustering customers based on their lifetime value using a fuzzy approach | Reza Pasandideh & Abbas Ahmadi | February 2016 |
| 36 | proposing a new strategic model for supplier selection and development knowledge sharing approach | Farahnaz Zarei & Abbas Ahmadi | October 2015 |
| 37 | Productive portfolio optimization for suppliers using multi-agent based distributed data mining | & Abbas Ahmadi | October 2015 |
| 38 | Analyzing Correlation Between Air Pollution and Heart-Pulmonary Diseases Using Neural Network | Jahangir Tahmasbi & Abbas Ahmadi | September 2015 |
| 39 | Development of multi agent modeling for the efficient treatment selection of breast cancer | Fatemeh Mansourian & Abbas Ahmadi | September 2015 |
| 40 | Using FMEA Approach to Evaluated Risk and Increase Patient Safety in Operation Room | Behzad Mosallanezhad & Abbas Ahmadi | September 2015 |
| 41 | Intelligent detection of rail defects | Mohammad Saied Rahmani & Abbas Ahmadi | June 2015 |
| 42 | Handling Techniques and Development of Data Mining's Applications in Heart Healthcare Industry With the Aim of Increasing Productivity | Pezhman Mazaheri & Abbas Ahmadi | June 2015 |
| 43 | Condition Based Maintenance Optimization Model for Greasy Liver Screening | Zinatbaygom Mousavi & Abbas Ahmadi | March 2015 |
| 44 | Logistics service network design | Amir Morovati & Abbas Ahmadi | February 2015 |
| 45 | Developing neural network – based credit scoring system : multiple classifiers approach | Razieh Boroon & Abbas Ahmadi | February 2015 |
| 46 | Design a recommender system for attracting churning customer in the banking industry | Elham Shafiee Gol & Abbas Ahmadi | January 2015 |
| 47 | Develop a Decision Support System for Customer Churn Prediction in Banking Industry | Elmira Amiri Souri & Abbas Ahmadi | December 2014 |
| 48 | modeling and solving vehicle routing problem with cross dock and direct shipment in supply chain management | Maede Mokhtarinejad & Abbas Ahmadi | October 2014 |
| 49 | Developing a dynamic neural network model for portfolio optimization | Azadeh Gharibrezayazdi & Abbas Ahmadi | October 2014 |
| 50 | Location- allocation modeling of a closed loop supply chain to decrease costs and environmental impacts | Nazanin Ashrafi & Abbas Ahmadi | October 2014 |
| 51 | Generating a risk model based on data mining techniques to predict complications in cardio surgery patients | Asieh Shahrabi & Abbas Ahmadi | October 2014 |

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| 52 | Modeling the effect of ITS systems and renewable fuels in reduction CO2 in road transportation | Mehrsa Ehsani & Abbas Ahmadi | September 2014 |
| 53 | Using clustering analysis in a location –routing problem of closed Loop logistic network | Saeed Irannejad Bisafar & Abbas Ahmadi | February 2014 |
| 54 | modeling of Bi-objective portfolio rebalancing with particle swarm optimization | Mirmeisam Seied Hoseini & Abbas Ahmadi | January 2014 |
| 55 | A New Hybrid approach in Intelligent Analytical Modeling for Strategic supplier development | Ekhlas Masoudi Mansour & Abbas Ahmadi | October 2013 |
| 56 | A hybrid intelligent model for green supplier development | Atoosa Teymouri & Abbas Ahmadi | October 2013 |
| 57 | supply chain | Saba Hosseiniun & Abbas Ahmadi | October 2013 |
| 58 | supply chain | Samira Mohabatdar & Abbas Ahmadi | October 2013 |
| 59 | Supply chain performance evaluation using data envelopment analysis (DEA) | & Abbas Ahmadi | October 2013 |
| 60 | Analysing population and transportation pattern for developing bus/taxi stops using data mining techniques | Maasoumeh Mazinani & Abbas Ahmadi | September 2013 |
| 61 | Integration of ordering and scheduling in supply chain by means of Clustering | Hamed Pouya & Abbas Ahmadi | June 2013 |
| 62 | Vehicle routing with considering stochastic travel times in supply chain | & Abbas Ahmadi | May 2013 |
| 63 | An Intelligent Customer Churn Prediction Using Networks and Evolutionary Algorithms | Elham Ebrahimi & Abbas Ahmadi | March 2013 |
| 64 | A Novel Sequence Clustering Approach Based on Particle Swarm optimization for Customer Segmentation | Atefeh Mozafari Nia & Abbas Ahmadi | February 2013 |
| 65 | Developing a model for expanding public transportation using data mining approaches | Seyed Omid Hasanpour Jesri & Abbas Ahmadi | October 2012 |
| 66 | A Hybrid approach for Supplier Performance Evaluation Using Artificial Neural Networks | Elaheh Golbabaii Asl Namin & Abbas Ahmadi | October 2012 |
| 67 | Supplier selection in the view of delivery failure | Seyed Vahid Nourbakhsh & Abbas Ahmadi | February 2012 |
| 68 | A Hybrid Approach for Customer Segmentation Using PSO-Based Clustering and Density – based Clustering | Mohamadkhabat Moradi & Abbas Ahmadi | October 2011 |
| 69 | Designing a Model for Evaluating Performance of Technological Innovation System in Renewable Energy: the case of fuel Cell Technology in Iran | Enayat Allah Moallemi & Abbas Ahmadi | October 2011 |
| 70 | Strategic supplier development process with intelligent analytical modeling approach | Ali Otraj & Abbas Ahmadi | October 2011 |

Books

| # | Title | Author(s) | Publisher country | publication date | version |
|---|-------|-----------|-------------------|------------------|---------|
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Portal Records

| | | | | | |
|---|--|--|----------------------------|---------------|---|
| 1 | Evolutionary Computation in Scheduling, First Edition Chapter 6 An Efficient Modified Red Deer Algorithm to Solve a Truck Scheduling Problem Considering Time Windows and Deadline for Trucks Departure | Amir Mohammad Fathollahifard, Abbas Ahmadi, Mohsen Sheikh Sajadieh | United States | May 2020 | 1 |
| 2 | Green Transportation and New Advances in Vehicle Routing Problems:Chapter1:A Robust Optimization for a Home Healthcare Routing and Scheduling Problem Considering Greenhouse Gas Emissions and Stochastic Travel and Service Times | Amir Mohammad Fathollahifard, Abbas Ahmadi, Behrooz Karimi | Switzerland | December 2020 | 1 |
| 3 | Business Intelligence: Data Mining and Optimization for Decision Making | Abbas Ahmadi, Azadeh Mohebi | Iran (Islamic Republic of) | December 2013 | 2 |
| 4 | Business Intelligence: Data Mining and Optimization for Decision Making | Abbas Ahmadi, Azadeh Mohebi | Iran (Islamic Republic of) | April 2013 | 1 |

Journal Papers

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- 1 Sayed Mahmood Bakhshayesh, Abbas Ahmadi, Azadeh Mohebi, "A new subject-based retrieval and search result visualization approach for scientific digital libraries", ELECTRONIC LIBRARY, September 2021 Vol. 0, Num. 0, Page 1-24, September 2021,
- 2 Seyed Vahid Nourbakhsh, Masoud Mahootchi, Abbas Ahmadi, Farzad Mahmoodi, "INTEGRATION OF DATA ENVELOPMENT ANALYSIS WITH DECISION MAKER PREFERENCE FOR SUPPLIER SELECTION", INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, June 2021 Vol. 27, Num. 6, Page 824-843, June 2021,
- 3 Abbas Ahmadi, Sadjad Khalesi, Amir Golroo, "An integrated machine learning model for automatic road crack detection and classification in urban areas", INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, June 2021 Vol. 2021, Num. 0, Page 1-17, June 2021,
- 4 Sina Keyhanian, Abbas Ahmadi, Behrooz Karimi, "On pricing and bundling decisions for stackelberg games in parallel channels of substitutable composites", RAIRO-OPERATIONS RESEARCH, March 2021 Vol. 55, Num. 0, Page 1657-1704, March 2021,
- 5 Hossein Kamalzadeh, Abbas Ahmadi, Saeed Mansour, "Clustering time-series by a novel slope-based similarity measure considering particle swarm optimization", APPLIED SOFT COMPUTING, November 2020 Vol. 96, Num. 0, Page 0-0, November 2020,
- 6 Samar Shetaban, Mirmehdi Seyed Esfahani, Abbas Saghaei, Abbas Ahmadi, "An integrated methodology to control the risk of cardiovascular disease in patients with hypertension and type 1 diabetes", COMPUTATIONAL INTELLIGENCE, October 2020 Vol. 0, Num. 0, Page 1-26, October 2020,
- 7 Amir Mohammad Fathollahifard, Abbas Ahmadi, Seyed Mohammad Javad Mirzapour Alehashem, "Sustainable closed-loop supply chain network for an integrated water supply and wastewater collection system under uncertainty", JOURNAL OF ENVIRONMENTAL MANAGEMENT, August 2020 Vol. 275, Num. 111277, Page 0-0, August 2020,
- 8 Amir Mohammad Fathollahifard, Abbas Ahmadi, Fariba Goodarzian, Naoufel Cheikhrouhou, "A bi-objective home healthcare routing and scheduling problem considering patients' satisfaction in a fuzzy environment", APPLIED SOFT COMPUTING, May 2020 Vol. 93, Num. 0, Page 0-0, May 2020,
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- 10 Ehsan Solgi, S.Mohammad Moattar Husseini, Abbas Ahmadi, Hossein Gitinavard, "A hybrid hierarchical soft computing approach for the technology selection problem in brick industry considering environmental competencies: A case study", JOURNAL OF ENVIRONMENTAL MANAGEMENT, November 2019 Vol. 248, Num. 0, Page 0-0, November 2019,
- 11 Amir Mohammad Fathollahifard, Kannan Govindan, Mostafa Hajiaghai-Keshtele, Abbas Ahmadi, "A green home health care supply chain: New modified simulated annealing algorithms", JOURNAL OF CLEANER PRODUCTION, August 2019 Vol. 240, Num. 0, Page 0-0, August 2019,
- 12 Yaping Fu, Guangdong Tian, Amir Mohammad Fathollahifard, Abbas Ahmadi, Chaoyong Zhang, "Stochastic multi-objective modelling and optimization of an energy-conscious distributed permutation flow shop scheduling problem with the total tardiness constraint", JOURNAL OF CLEANER PRODUCTION, July 2019 Vol. 226, Num. 0, Page 515-525, July 2019,
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- 15 Amir Heydari, Hamidreza Shahabi Haghighi, Abbas Ahmadi, "Identifying Significant Health Measurement of Equipment Affecting the Quality of a Continuous Product (Case Study: Unit 2, Parand Gas Turbine Power Plant)", Industrial Management Journal, October 2018 Vol. 10, Num. 3, Page 455-480, October 2018,
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- 17 Parnian Afshar Bakeshloo, Abbas Ahmadi, Azadeh Mohebi, Mohammad Hossein Fazel Zarandi, "A hierarchical stochastic modelling approach for reconstructing lung tumour geometry from 2D CT images", JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE, September 2018 Vol. 30, Num. 6, Page 973-992, September 2018,
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- 27 Ammar Jalalimanesh, Hamidreza Shahabi Haghighi, Abbas Ahmadi, Hossein Hejazian, Majid Soltani, "Multi-objective optimization of radiotherapy: distributed Q-learning and agent-based simulation", *JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE*, February 2017 Vol. 0, Num. 0, Page 0-0, February 2017,
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- 32 Samira Mohabatdar, Abbas Ahmadi, Mohsen Sheikh Sajadieh, "Optimal Manufacturer-Retailer Policies in a Supply chain with Defective Product and Price Dependent Demand", *Journal of Optimization in Industrial Engineering*, January 2016 Vol. 19, Num. 0, Page 37-46, January 2016,
- 33 Mehrsa Ehsani, Abbas Ahmadi, Dawod Fadai, "Modeling of vehicle fuel consumption and carbon dioxide emission in road transport", *RENEWABLE & SUSTAINABLE ENERGY REVIEWS*, September 2015 Vol. 53, Num. 0, Page 1638-1648, September 2015,
- 34 Ebtesam Zargany, Abbas Ahmadi, "A new modular neural network approach for exchange rate prediction", *International Journal of Electronic Finance*, July 2015 Vol. 8, Num. 0, Page 97-127, July 2015,
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Conference Papers


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- 1 Ekhlas Masoudi Mansour, Abbas Ahmadi, "A Novel Clustering Algorithm Based on Fully-Informed Particle Swarm ", 2019 IEEE Congress on Evolutionary Computation (CEC), June 2019
- 2 Sina Keyhanian, Abbas Ahmadi, Behrooz Karimi, "An Integrated Model of Scheduling and Configuration of the Operating Theater ", 2018-5TH INTERNATIONAL CONFERENCE ON CONTROL, DECISION AND INFORMATION TECHNOLOGIES, April 2018
- 3 Abbas Ahmadi, Sadjad Khalesi, Mohammad Reza Baqeri Kazem Abad, "Automatic road crack detection and classification using image processing techniques, machine learning and integrated models in urban areas: A novel image binarization ", (14th international industrial engineering conference (IIEC2018, February 2018
- 4 Farnoush Bayatmakou, Abbas Ahmadi, Azadeh Mohebi, "Automatic query-based keyword and keyphrase extraction ", Artificial Intelligence and Signal Processing Conference (AISP2017), October 2017
- 5 Elmira Amiri Souri, Azadeh Mohebi, Abbas Ahmadi, "Genetic algorithm and fuzzy C-means for feature selection: Based on a dual fitness function ", 2017 Artificial Intelligence and Signal Processing Conference (AISP), October 2017
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- 8 Elmira Fathdokht, Abbas Ahmadi, Shima Soltanzadeh, "Intelligent detection of breast cancer by combining support vector machines and genetic algorithms ", 12th International Conference on Industrial Engineering, January 2016
- 9 Mohammad Khazaei, Abbas Ahmadi, "Developing a new two-phase customer churn prediction model in banking industry based on artificial neural networks and multi-objective optimization ", 12th International Industrial Engineering Conference, January 2016
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- 11 Farzad Vasheghani Farahani, Mohammad Hossein Fazel Zarandi, Abbas Ahmadi, "Fuzzy Rule based Expert System for Diagnosis of Lung Cancer ", North American Fuzzy Information Processing Systems: NAFIPS 2015, August 2015
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- 13 Abbas Ahmadi, Atefeh Mozafari Nia, Azadeh Mohebi, "Clustering of multivariate time series data using particle swarm optimization ", International Symposium on Artificial Intelligence and Signal Processing AISP, March 2015
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- 15 Nazanin Ashrafi, Abbas Ahmadi, Mohsen Akbarpour Shirazi, ". ", 11th International Industrial Engineering Conference, January 2015
- 16 Maede Mokhtarinejad, Abbas Ahmadi, Behrooz Karimi, "Proposing a heuristic method for solving location-routing scheduling problem in supply chain ", 11th International Industrial Engineering Conference, January 2015
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- 19 Jahangir Tahmasbi, Abbas Ahmadi, "air pollution effect on environment and human health ", The Second National Conference on Environmental Research, August 2014
- 20 Abbas Ahmadi, Zahra Zargaran, Azaded Mohebi, Farahnaz Taghavi, "HYBRID MODEL FOR WEATHER FORECASTING USING ENSEMBLE OF NEURAL NETWORKS AND MUTUAL INFORMATION ", IEEE Geoscience and Remote Sensing Society and the Canadian Remote Sensing Society, the International Geoscience and Remote Sensing Symposium 2014 (IGARSS'14), July 2014
- 21 Abbas Ahmadi, Tayebeh Hosseinihah, "Stock Prediction Using a Combined Model of Neural Networks ", International Conference on Economics, Management, Accounting and Social Sciences (EMASS 2014), June 2014
- 22 Zahra Zargaran, Farahnaz Taghavi, Abbas Ahmadi, "Neural Networks Ensemble and Image Processing for Predicting Ground Temperature in Tehran ", Iranian Geo-Physics Conference, May 2014
- 23 Mehrsa Ehsani, Abbas Ahmadi, Dawod Fadai, "Modeling fuel consumption and emissions in road transportation with emphasis on renewable energy ", Emerging Trends in Energy Conservation – ETEC 2014, March 2014
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- 25 Abbas Ahmadi, Tayebeh Hosseinihah, "Keyword extraction from a text using neural network ", Tenth international industrial engineering, January 2014
- 26 Saeed Irannejad Bisafar, Abbas Ahmadi, "A clustering based heuristic for solving the capacitated location-routing problem using Self-Organizing Feature Maps ", 10th International Industrial Engineering Conference, January 2014
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- 29 Saeed Irannejad Bisafar, Abbas Ahmadi, Ehsan Rezaei Sadrabadi, "A cluster base heuristic for location-routing problem of two stage reverse logistics network ", The 6th International Conference of Iranian Operations Research Society, May 2013
- 30 Abbas Ahmadi, Najmeh Zakeri, Maryam Khademi, "An Intelligent Hybrid Model for Evaluating Websites Content Based on Neural Networks and Mutual Information ", 11th iranian conference on intelligent systems, February 2013
- 31 Elham Ebrahimi, Abbas Ahmadi, Zohreh Karimmian, "Combined Approach for Churn Prediction in Banking Industry Using Neural Networks and Genetic Algorithm ", 11th iranian conference on intelligent systems, February 2013
- 32 Abbas Ahmadi, Zahra Zargaran, Farahnaz Gaghavi, "Weather Forecasting Hybrid Modular Neural Networks ", 11th Iranian Conference on Intelligent Systems, February 2013
- 33 Zahra Zargaran, Abbas Ahmadi, Farahnaz Taghavi, "Whether Forecasting Using Satellite Images and Neural Networks with Modular Learning ", 11th iranian conference on intelligent systems, February 2013

- 34 Sayfollah Tabrizikohieili, Abbas Ahmadi, Behrooz Karimi, "Modeling of Warmed Water Farmed Fish Supply Chain in Iran Integrated Logistics Approach ", International Industrial Engineering Conference, January 2013
- 35 Enayat Allah Moallemi, Abbas Ahmadi, Abbas Afraze, Naser Bagheri Moghadam, "Designing A Model for Identifying Drivers and Barriers in The Formation of Technological Innovation Systems: The Case of Fuel Cell Technology ", 2nd International and 6th National Conference on Management of Technology, December 2012
- 36 Enayat Allah Moallemi, Abbas Ahmadi, Abbas Afraze, Naser Bagheri Moghadam, "Methodological Steps in Analyzing The Development of Emerging Technologies Using Technological Innovation Systems: The Case of Fuel Cell Technology ", 2nd International and 6th National Conference on Management of Technology, December 2012
- 37 Seyed Vahid Nourbakhsh, Abbas Ahmadi, Masoud Mahootchi, "Preference-Based Data Envelopment Analysis for Supplier Selection using Neural Networks ", (The 8th International Industrial Engineering Conference (IIEC 2012, February 2012
- 38 Seyed Omid Hasanpour Jesri, Abbas Ahmadi, Behrooz Karimi, Mohsen Akbarpour Shirazi, "Hierarchical data clustering model for analyzing passengers' trip in highways ", (The 8th International Industrial Engineering Conference (IIEC 2012, February 2012
- 39 Ebtesam Zargany, Abbas Ahmadi, "Foreign Exchange Rate Prediction Using Artificial Neural Networks Based on Harmonic Models ", The Fifth Iran Data Mining Conference/IDMC 2011, December 2011
- 40 Mostafa Hasan, Fakhri Karray, Mohamed Kamel, Abbas Ahmadi, "An Integral Approach for Geno-Simulated Annealing ", International Conference on Hybrid Intelligent Systems, August 2010
- 41 Abbas Ahmadi, Fakhri Karray, Mohamed Kamel, "Particle Swarm Clustering Ensemble ", ACM Genetic and Evolutionary Computation Conference, July 2008
- 42 Abbas Ahmadi, Fakhri Karray, Mohamed Kamel, "Model Order Selection for Multiple Cooperative Swarms Clustering Using Stability Analysis ", IEEE Congress on Evolutionary Computation, May 2008
- 43 Abbas Ahmadi, Fakhri Karray, Mohamed Kamel, "Cooperative Swarms for Clustering Phoneme Data ", IEEE Workshop on Statistical Signal Processing, August 2007
- 44 Abbas Ahmadi, Fakhri Karray, Mohamed Kamel, "Multiple Cooperating Swarms for Data Clustering ", IEEE Swarm Intelligence Symposium, April 2007
- 45 Abbas Ahmadi, Fakhri Karray, Mohamed Kamel, "Hybrid Learning Scheme for Modular-Based Phoneme Recognizer ", IEEE International Symposium on Signal Processing and its Applications, February 2007
- 46 Abbas Ahmadi, "Strategic Planning for Implementing E-Government in Iran: Formulating the Strategies ", Information and Knowledge Technologies, December 2003
- 47 Abbas Ahmadi, "Strategic Planning for Implementing E-Government in Iran: Determining the Main Strategy ", International Symposium on Telecommunications, August 2003

Taught Courses

| # | Course title | Description | Headlines | Date |
|---|---------------------------|--|---|-------------|
| 1 | Principles of Simulation | Computer Simulation |  | Fall 2021 |
| 2 | Healthcare informatics | Information and communication technologies in healthcare |  | Fall 2021 |
| 3 | Data Mining in Healthcare | Data mining algorithms in healthcare |  | Spring 2021 |
| 4 | Principles of Simulation | Computer Simulation |  | Spring 2021 |
| 5 | Principles of Simulation | Teaching fundamentals of computer simulation | | Fall 2020 |

