



Amirkabir University of Technology
(Tehran Polytechnic)



KARIM FAEZ

Professor
Department of Electrical Engineering
(Emeritus)

Email:
kfaez@aut.ac.ir

Phone:

h-index (Scopus):
31

Citations (Scopus):
3808

Supervised PhD Theses

#	Thesis title	By	Date
1	Texture analysis and separation for structure recognition of materials by using Nano images	Mohammadreza Pourfard & Karim Faez	October 2015
2	Offline Subword Recognition in Farsi Handwritten Text and Elimination of Undesirable Connections	Majid Ziaratban & Karim Faez	February 2011
3	Compensation and Robustness to Illumination changes and Shadow of Face Images for Increasing the Recognition Rate	Mehdi Ezoji & Karim Faez	July 2010
4	Fast Stereo Vision Algorithms by Reduction of the Search Space	Peiman Moalem & Karim Faez	April 2003

Supervised MSc Theses

#	Thesis title	By	Date
1	Multi-oriented text image segmentation for word recognition purposes	Keivan Fathizadeh & Karim Faez	October 2021
2	Processing tactile signals using spiking neural networks	Reza Pebdani Babadian & Karim Faez	October 2021
3	Exploring the role of Astrocytes in regulation of synaptic plasticity in spike neural networks and digital implementation	Mohammad Hasanlou & Karim Faez	September 2021

4	Using Deep Learning to Improve the Surface Material Classification	Ali Amini Amini & Karim Faez	February 2021
5	Human Action Recognition in Still Images Based on Deep Learning	Fereshte Moradi Kor & Karim Faez	February 2020
6	Increasing Performance in Object Tracking using Deep Learning	Milad Akbari & Karim Faez	October 2019
7	Improvement of Leaf Classification for Plant Identification Using Deep Learning	Ali Beikmohammadi & Karim Faez	September 2019
8	Estimation 3D Human body Pose using Deep Learning	Mahdi Heybati & Karim Faez	December 2018
9	Salient Object Detection in Images using Deep Contrast Learning	Seyed Alireza Kabiripour & Karim Faez	October 2018
10	Design of an algorithm for detection of human activity in partial videos	Farrokh Karimi Vardanjani & Karim Faez	February 2018
11	pattern recognition with liquid state machine	Arman Namdar Asil Osmavandani & Karim Faez	February 2017
12	A position aided vehicle collision avoidance system in VANET based on Fusion of position sensors	Hossein Khademsohi & Karim Faez	February 2017
13	evaluation of myeloid lineage cells maturation based on morphologic features in Microscopic Images	Amin Karimi & Karim Faez	February 2016
14	A new steganographic scheme based on transform domain	Aref Miri Rekavandi & Karim Faez	February 2016
15	Face Image Retrieval Using an sketch image in a Face Image Database	Zahra Sorani & Karim Faez	December 2015
16	design of a spiking neural network for bidirectional brain machine interface	Mansoureh Fahimi Hanzae & Karim Faez	August 2015
17	robotst vehicle shape recognition using 3D model	Abdolmanaf Mehrabi Sisakht & Karim Faez	May 2014
18	certificate revocation performance improvement in mobile ad hoc networks	Zhila Moslehi & Karim Faez	January 2014
19	real-time multi object tracking	Mahdi Seyfipoor & Karim Faez	October 2013
20	Pose-Invariant Face Recognition Using 3D Models	Ali Moeini & Karim Faez	September 2013
21	A New Algorithm For Recovery of Lost Targets in a Cluster-based Wireless Sensor Network	Behruz Mahmoudzadeh & Karim Faez	April 2013
22	QOS aware routing for wireless multimedia sensor networks	Babak Namazi & Karim Faez	February 2013
23	Multiple Object Tracking with Stationary Camera	Reza Serajeh & Karim Faez	February 2013
24	3D Face Recognition Robust to Expression Variations	Mohammad Sadegh Salahshoor Mottaghi & Karim Faez	February 2012

25	Finger-Knuckle-Print verification for personal outhentication	Zahra Sadat Shayatmadar & Karim Faez	October 2011
26	Design and Simulation of an intrusion detection system for Denial Of Service (DOS) attacks	Mohammad Mahdi Nabi & Karim Faez	June 2011
27	3D Face Recognition Robust in Pose Variation	Ali Cheragian & Karim Faez	February 2011
28	Human Gait Recognition on Straight Line	Farhad Bagheroskouei & Karim Faez	February 2011
29	Designing An Efficient Algorithm For Digital Images Blind Steganalysis By Fusing Feature Vectors	Hamidreza Dastmalchi & Karim Faez	February 2011
30	Office letter retrieval based on recognition of handwritten Farsi numeral string	Ali Abedi & Karim Faez	January 2010
31	Resolution Enhancement via Image Fusion Techniques	Farshid Allahverdy & Karim Faez	January 2010
32	Wavelet based fuzzy image fusion	Jamal Saeedi & Karim Faez	January 2010
33	Detection and tracking of a Human being in different positions of its body	Mohammadreza Poorfard & Karim Faez	February 2009
34	IMPROVING PERFORMANCE FOR FAIR INTEGRATED SCHEDULING OF UNICAST TRAFFIC IN AN INPUT-QUEUED SWITCH	Seyed Mostafa Taheri & Karim Faez	February 2009
35	Image Based Rendering(IBR),Mosaicing ,View Interpolation ,3D Reconstruction , Spline Interpolation ,Plenoptic Function ,Virtual Reality , Lumigraph,Light Field,Stereo Matching	Mohammadjavad Abdolahifard & Karim Faez	January 2009
36	Performance Improvement in Extraction of Fetal ECG from the Analysis of Mothers ECG Signal	Saman Sargolzaei & Karim Faez	January 2009
37	biometrical identification using three dimensional face images	Mir Hashem MÔusavi Mehmanduosti & Karim Faez	April 2008
38	INCREASING THE SPEED OF IDENTIFICATION BASED ON IRIS	Sepehr Attarchi & Karim Faez	March 2008
39	DESING OF AN OPTIMIZED ROUTING ALGORITHM USED IN INTRUSION DETECTION WIRELESS SENSOR NETWORKS BASED ON TREE AND LAYER AL	Alireza Djabbarian Pazikoie & Karim Faez	February 2008
40	BIOMETRIC IDENTIFICATION BASED ON EAR STRUCTURE	Seyed Masoud Nosrati & Karim Faez	February 2008
41	ONLINE RECOGNITION OF HANDWRITTEN FARSI WORDS	Farhad Faradji & Karim Faez	July 2007
42	PERSONAL AUTHENTICATION USING PALM-PRINT REATURES	Mohammad Amin Kashiha & Karim Faez	December 2006
43	Pose-Invariant Face Recognition using 2D and 3D Images	Farshid Hajati & Karim Faez	May 2006

Journal Papers

- 1 Vali Ollah Maraghi, Karim Faez, "Class-Incremental Learning on Video-Based Action Recognition by Distillation of Video Knowledge", *Computational Intelligence and Neuroscience*, March 2022 Vol. 2022, Num. 3, Page 1-12, March 2022,
- 2 Vali Ollah Maraghi, Karim Faez, "Scaling Human-Object Interaction Recognition in the Video through Zero-Shot Learning," *Computational Intelligence and Neuroscience*, June 2021 Vol. 2021, Num. 4, Page 1-15, June 2021,
- 3 Zahra Sadat Shariatmadar, Karim Faez, "A Data-Driven and Biologically Inspired Preprocessing Scheme to Improve Visual Object Recognition", *Computational Intelligence and Neuroscience*, March 2021 Vol. 2021, Num. 1, Page 1-13, March 2021,
- 4 Nafisehzeinali, Karim Faez, Sahar Seifzadeh, "Brain-Inspired Deep Networks for Facial Expression Recognition", *Frontiers in biomedical Technologies*, September 2020 Vol. 7, Num. 3, Page 169-176, September 2020,
- 5 Mohsen Mahmoodi, Karim Faez, Abdolrasoul Ghasemi, "Defense Against Primary User Emulation Attackers Based on Adaptive Bayesian Learning Automata in Cognitive Radio Networks", *AD HOC NETWORKS*, March 2020 Vol. 102, Num. 0, Page 1-13, March 2020,
- 6 Mohsen Mahmoodi, Karim Faez, Abdolrasool Ghasemi, "Uncoordinated Frequency Hopping Scheme for Defense Against Primary User Emulation Attack in Cognitive Radio Networks", *COMPUTER NETWORKS*, August 2019 Vol. 2019, Num. 163, Page 1-12, August 2019,
- 7 Soheila Nazari, Masoud Amiri, Karim Faez, Marc M. Van Hulle, "Information Transmitted From Bioinspired Neuron-Astrocyte Network Improves Cortical Spiking Network's Pattern Recognition Performance", *IEEE Transactions on Neural Networks and Learning Systems*, April 2019 Vol. 4, Num. 0, Page 1-11, April 2019,
- 8 Mohammad Anbiyai, Karim Faez, Maryam Najimi, "Energy-Efficient Resource Allocation for Device-to-Device Underlay Communications in Cellular Networks", *IET SIGNAL PROCESSING*, April 2019 Vol. 13, Num. 6, Page 633-639, April 2019,
- 9 Masoud Amiri, Soheila Nazari, Karim Faez, "Digital Realization of the Proposed Linear Model of the Hodgkin-Huxley Neuron," *INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS*, March 2019 Vol. 2019, Num. 3, Page 1-15, March 2019,
- 10 Soheila Nazari, Karim Faez, "Novel Systematic Mathematical Computation Based on the Spiking Frequency Gate (SFG): Innovative Organization of Spiking Computer", *INFORMATION SCIENCES*, February 2019 Vol. 474, Num. 2, Page 221-235, February 2019,
- 11 Soheila Nazari, Karim Faez, "Establishing the flow of information between two bio-inspired spiking neural networks", *INFORMATION SCIENCES*, February 2019 Vol. 2019, Num. 1, Page 80-99, February 2019,
- 12 Soheila Nazari, Karim Faez, "Empowering the Impaired Astrocytes in the Tripartite Synapses to Improve Accuracy of Pattern Recognition", *SOFT COMPUTING*, February 2019 Vol. 2019, Num. 1, Page 1-13, February 2019,
- 13 Soheila Nazari, Karim Faez, "Spiking Pattern Recognition Using Informative Signal of Image and Unsupervised Biologically Plausible Learning", *NEUROCOMPUTING*, January 2019 Vol. 0, Num. 0, Page 1-16, January 2019,
- 14 Zahra Sadat Shariatmadar, Karim Faez, "Visual Saliency Detection via Integration Bottom-Up and Top-Down Information," *OPTIK*, October 2018 Vol. 2018, Num. 10, Page 1-26, October 2018,
- 15 Elaheh Sadat Sadat, Karim Faez, Mohsen Saffari Pour, "Entropy-Based Video Steganalysis of Motion Vectors," *ENTROPY*, April 2018 Vol. 20, Num. 4, Page 1-14, April 2018,
- 16 Shahrzad Akbari Farjad, Karim Faez, "Matching Forensic Sketches to Mug Shot Photos Using a Population of Sketches Generated by Combining Geometrical Facial Changes and Genetic Algorithms", *Oriental journal of Computer Science and Technology*, April 2018 Vol. 11, Num. 2, Page 1-10, April 2018,
- 17 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, Javad Alikhani Koupaei, "Three-Step-Prediction for Object Tracking", *IMAGE AND VISION COMPUTING*, March 2018 Vol. 169, Num. 1, Page 1-18, March 2018,
- 18 Soheila Nazari, Karim Faez, Mahyar Janahmadi, "A New Approach to Detect the Coding Rule of the Cortical Spiking Model in the Information Transmission", *NEURAL NETWORKS*, January 2018 Vol. 99, Num. 0, Page 68-78, January 2018,

- 19 Rezvan Almas Shehni , Karim Faez, Farshad Eshghi, Manoochehr Kelarestaghi, "A New Lightweight Watchdog-Based Algorithm for Detecting Sybil Nodes in Mobile WSMs,", Future Internet, January 2018 Vol. 10, Num. 1, Page 1-17, January 2018,
- 20 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, Javad Alikhani Koupaei, "Chaotic Particle Filter for Visual Object Tracking", JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, January 2018 Vol. 2018, Num. 2, Page 1-18, January 2018,
- 21 Aref Miri, Karim Faez, "Adaptive Image Steganography Based on Transform Domain via Genetic Algorithm", OPTIK, September 2017 Vol. 145, Num. 9, Page 158-168, September 2017,
- 22 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, "Exploring Chaotic Attractors in Nonlinear Dynamical System under Fractal Theory", MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING, August 2017 Vol. 0, Num. 0, Page 1-17, August 2017,
- 23 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, Javad Alikhani, Pietro Pantano, Eleonora Bilotta, "Multi-Step Prediction Method for Robust Object Tracking", DIGITAL SIGNAL PROCESSING, July 2017 Vol. 70, Num. 7, Page 1-26, July 2017,
- 24 Aref Miri, Karim Faez, "An Image Steganography Method Based on Integer Wavelet Transform", MULTIMEDIA TOOLS AND APPLICATIONS, May 2017 Vol. 0, Num. 0, Page 1-12, May 2017,
- 25 Sahar Seifzadeh, Mohammad Rezaei, Karim Faez, Mahmood Amiri, "Fast and Efficient Four-Class Motor Imagery Electroencephalography Signal Analysis Using Common Spatial Pattern- Ridge Regression Algorithm for the Purpose of Brain- Computer Interface", Journal of Medical Signals and sensors, April 2017 Vol. 7, Num. 2, Page 1-6, April 2017,
- 26 Shaho Ghanei, Karim Faez, "A Robust Approach for Scene Text Localization Using Rule-Based Confidence Map and Grouping", INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE, March 2017 Vol. 31, Num. 3, Page 1-31, March 2017,
- 27 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, Eleonora Bilotta, " Chaotic Target Representation for Robust Object Tracking", SIGNAL PROCESSING-IMAGE COMMUNICATION, March 2017 Vol. 0, Num. 0, Page 1-31, March 2017,
- 28 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, "Visual Object Tracking with Online Weighted Chaotic Multiple Instance Learning", NEUROCOMPUTING, March 2017 Vol. 0, Num. 0, Page 1-40, March 2017,
- 29 Ali Moeini, Karim Faez, Hossein Moeini, Armon Matthew Safai, "Facial Expression Recognition Using Dual Dictionary Learning", JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, February 2017 Vol. 45, Num. 2, Page 20-33, February 2017,
- 30 Mohammadreza Pourfard, Mohammad Javad Abdollahifard, Karim Faez, S.Ahmad Motamedi, Tahmineh Hosseinian, "PC TO-SIM Multiple-Point Geostatistical Modeling Using Parallel Conditional Texture Optimization", COMPUTERS & GEOSCIENCES, January 2017 Vol. 2017, Num. 1, Page 1-39, January 2017,
- 31 Ali Moeini, Hossein Moeini, Armon Matthew Safai, Karim Faez, "Regression Facial Attribute Classification via Simulation Dictionary Learning", PATTERN RECOGNITION, January 2017 Vol. 62, Num. 1, Page 99-113, January 2017,
- 32 Marjan Firouznia, Karim Faez, Hamidreza Amindavar, Eleonora Bilotta, "The Chaotic Dynamics of High-Dimensional Systems,", NONLINEAR DYNAMICS, January 2017 Vol. 2017, Num. 1, Page 1-14, January 2017,
- 33 Ali Moeini, Karim Faez, Hossein Moeini, Matthew Safai, "Open-Set Face Recognition across Look-Alike Faces in Real-World Scenarios,", IMAGE AND VISION COMPUTING, January 2017 Vol. 57, Num. 0, Page 1-14, January 2017,
- 34 Masood Amiri, Mahmoud Amiri, Soheila Nazari, Karim Faez, "A New Bio-Inspired Stimulator to Suppress Hyper-Synchronized Neural Firing in a Cortical Network", JOURNAL OF THEORETICAL BIOLOGY, September 2016 Vol. 410, Num. 1, Page 107-118, September 2016,
- 35 Masoumeh Khodaei, Bahram Sadeghi Bigham, Karim Faez, "Adaptive Data Hiding, Using Pixel-Value-Differencing and LSB Substitution", CYBERNETICS AND SYSTEMS, September 2016 Vol. 0, Num. 0, Page 1-12, September 2016,
- 36 Nafas Esmaili, Karim Faez, "FESM: An Analytical Framework for Elastic Similarity Measures Based Time Series Pattern Recognition", International Journal of Computer Applications, August 2016 Vol. 149, Num. 5, Page 16-22, August 2016,

- 37 Somayyeh Khaleghi, Karim Faez, "A Novel Learning Based Algorithm for Resource Searching in Peer-to-Peer over Mobile Ad-hoc Networks", *Journal of Soft Computing and Information Technology*, June 2016 Vol. 5, Num. 2, Page 1-14, June 2016,
- 38 Mehdi Ezoji, Karim Faez, "Intensity Mapping Curve to Diminish the Effects of Illumination Variations", *Signal, Image and Video Processing (sivip)*, May 2016 Vol. 10, Num. 5, Page 1-6, May 2016,
- 39 Narjes Mokhtare, Karim Faez, "Face Recognition under Local Occlusion Conditions and Varying Illumination", *International Journal of Mechtronics,Electrical and Computer Technology-Open*, April 2016 Vol. 6, Num. 20, Page 2890-2900, April 2016,
- 40 Mohammad Hossein Hajigholam, Abolghasem Raie, Karim Faez, "Multi-Task Joint Spatial Pyramid Matching Using Sparse Representation with Dynamic Coefficients for object recognition", *JOURNAL OF ELECTRONIC IMAGING*, April 2016 Vol. 25, Num. 2, Page 1-8, April 2016,
- 41 Hamed Eslami, Abolghasem Raie, Karim Faez, "Precise vehicle speed measurement based on a hierarchical homographic transform estimation for law enforcement applications", *IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS*, March 2016 Vol. E99-D, Num. 6, Page 1-10, March 2016,
- 42 Jamal Saeedi, Karim Faez, "Synthetic Aperture Radar Imaging Using Nonlinear Frequency Modulation Signal", *IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS*, January 2016 Vol. 52, Num. 1, Page 1-12, January 2016,
- 43 Ali Moeini, Karim Faez, Hamid Sadeghi, Hossein Moeini, "2D Facial Expression Recognition via 3D Reconstruction and Feature Fusion", *JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION*, January 2016 Vol. 0, Num. 0, Page 1-32, January 2016,
- 44 Hanieh Mozhddeh, Karim Faez, "Classification with the Use of Association Rules with Local Weighting", *International Journal of Mechtronics,Electrical and Computer Technology-Open*, December 2015 Vol. 5, Num. 18, Page 2600-2607, December 2015,
- 45 Ali Moeini, Karim Faez, Hossein Moeini, "Unconstrained Pose-Invariant Face Recognition by a Triplet Collaborative Dictionary Matrix", *PATTERN RECOGNITION LETTERS*, November 2015 Vol. 65, Num. 1, Page 1-9, November 2015,
- 46 Hamed Eslami, Abolghasem Raie, Karim Faez, "Precise vehicle speed measurement for law enforcement applications based on calibrated camera with parallel standard patterns", *IET COMPUTER VISION*, November 2015 Vol. 0, Num. 10, Page 0-0, November 2015,
- 47 Shaho Ghanei, Karim Faez, "Localizing Scene Texts by Fuzzy Inference Systems and Low Rank Matrix Recovery Model", *COMPUTER VISION AND IMAGE UNDERSTANDING*, November 2015 Vol. 2016, Num. 142, Page 94-110, November 2015,
- 48 Marjan Firouznia, Karim Faez, "Efficiency of Utilizing a Hybrid Algorithmic Method in Enhancing the Functionality of Multi-Instance Multi-Label Radial Basis Function Networks", *APPLIED SOFT COMPUTING*, October 2015 Vol. 35, Num. 1, Page 1-11, October 2015,
- 49 Sahar Seifzadeh, Karim Faez, Mahmoud Amiri, "A Diminutive Suggestion for Real-Time Graz Cue-based Brain Computer Interface", *Journal of Knowledge-Based Engineering and Innovation*, October 2015 Vol. 1, Num. 3, Page 188-193, October 2015,
- 50 Sahar Seifzadeh, Karim Faez, Mahmoud Amiri, "Evaluation of Less Common Independent Component Analysis Algorithms for Brain Computer Interface Preprocessing", *International Journal of Mechtronics,Electrical and Computer Technology-Open*, October 2015 Vol. 5, Num. 17, Page 2424-2432, October 2015,
- 51 Soheila Nazari, Karim Faez, Mahmoud Amiri, "A Multiplier-Less Digital Design of a Bio-Inspired Stimulator to Suppress Synchronized Regime in a Large-Scale, Sparsely Connected Network", *NEURAL COMPUTING & APPLICATIONS*, October 2015 Vol. 26, Num. 8, Page 1-16, October 2015,
- 52 Ali Moeini, Karim Faez, Hossein Moeini, "Face Recognition Across Makeup and Plastic Surgery from Real-World Images", *JOURNAL OF ELECTRONIC IMAGING*, September 2015 Vol. 24, Num. 5, Page 1-12, September 2015,
- 53 Shaho Ghanei, Karim Faez, "Robust Localization of Texts in Real-World Images", *INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE*, June 2015 Vol. 29, Num. 7, Page 1-26, June 2015,

- 54 Mohammadreza Pourfard, Karim Faez, S.Hadi Tabaian, "Unsupervised Gabor Filter-Bank Method for Characterization of the Self-Assembled Hexagonal Lattice", JOURNAL OF NANO RESEARCH, May 2015 Vol. 31, Num. 1, Page 40-61, May 2015,
- 55 Ali Moeini, Karim Faez, Hossein Moeini, "Real-World Gender Classification Via Local Gabor Binary Pattern and Three-Dimensional Face Reconstruction by Generic Elastic Model", IET IMAGE PROCESSING, May 2015 Vol. 2015, Num. 5, Page 1-9, May 2015,
- 56 Soheila Nazari, Karim Faez, Mahmoud Amiri, Ehsan Karami, "A Digital Implementation of Neuron-Astrocyte Interaction for Neuromorphic Applications", NEURAL NETWORKS, May 2015 Vol. 65, Num. 1, Page 1-23, May 2015,
- 57 Soheila Nazari, Masoud Amiri, Karim Faez, Mahmoud Amiri, "Multiplier-Less Digital Implementation of Neuron-Astrocyte Signalling on FPGA", NEUROCOMPUTING, May 2015 Vol. 162, Num. 1, Page 1-12, May 2015,
- 58 Ali Moeini, Hossein Moeini, Karim Faez, "Unrestricted pose-invariant face recognition by sparse dictionary matrix", IMAGE AND VISION COMPUTING, April 2015 Vol. 36, Num. 0, Page 9-22, April 2015,
- 59 Kambiz Rahbar, Karim Faez, Ebrahim Attaran Kakhki, "Increasing the Stability of the Estimation of Phase Wavefront Aberration Distribution Function Through Nonlinear Adaptive Filtering", APPLIED OPTICS, April 2015 Vol. 54, Num. 12, Page 3694-3699, April 2015,
- 60 Seyed Mahdi Jameii, Karim Faez, Mehdi Dehghan Takht Fooladi, "AMOF: Adaptive Multi-objective Optimization Framework for Coverage and Topology Control in Heterogeneous Wireless Sensor Networks", TELECOMMUNICATION SYSTEMS, April 2015 Vol. 2015, Num. 3, Page 1-18, April 2015,
- 61 Seyed Mahdi Jameii, Karim Faez, Mehdi Dehghan Takht Fooladi, "Multi-Objective Optimization for Topology and Coverage Control in Wireless Sensor Networks", INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS, March 2015 Vol. 2015, Num. 1, Page 1-11, March 2015,
- 62 Jamal Saeedi, Karim Faez, "A Back-Projection Autofocus Algorithm Based on Flight Optimization for Synthetic Aperture Radar Imaging", MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING, February 2015 Vol. 0, Num. 0, Page 1-21, February 2015,
- 63 Soheila Nazari, Karim Faez, Mahmoud Amiri, Ehsan Karami, "A Novel Digital Implementation of Neuron-Astrocyte Interactions", Journal of Computational Electronics, December 2014 Vol. 13, Num. 4, Page 1-14, December 2014,
- 64 Saeed Khazaei, Karim Faez, "A Novel Classification Method Using Hybridization of Fuzzy Clustering and Neural Networks for Intrusion Detection", International Journal of Modern Education and Computer Science(IJMECS), November 2014 Vol. 2014, Num. 11, Page 11-24, November 2014,
- 65 Ali Moeini, Karim Faez, Hossein Moeini, "Expression-Invariant 3D Face Reconstruction from a Single Image by Facial Expression Generic Elastic Models", JOURNAL OF ELECTRONIC IMAGING, September 2014 Vol. 23, Num. 5, Page 1-15, September 2014,
- 66 Mojtaba Bahmanzadegan, Karim Faez, "An Adaptive Steganography Scheme Based on Visual Quality and Embedding Capacity Improvement", International Journal of Electrical and Computer Engineering(IJECE), August 2014 Vol. 4, Num. 4, Page 573-584, August 2014,
- 67 Soheila Nazari, Karim Faez, Ehsan Karami, Mahmoud Amiri, "A Digital Neuron-Astrocyte Circuit for a Simplified Model of Astrocyte Dynamics", NEUROSCIENCE LETTERS, August 2014 Vol. 1, Num. 1, Page 1-6, August 2014,
- 68 Farzaneh Azimi, Karim Faez, "Improvement of Learning from Concept Drifting data Streams with Unlabeled and Mixed Data", International Journal of Mechatronics and Electrical and Computer Technology, July 2014 Vol. 4, Num. 12, Page 1274-1296, July 2014,
- 69 Raziieh Akhavan, Karim Faez, "A Novel Retinal Blood Vessel Segmentation Algorithm Using Fuzzy Segmentation", International Journal of Electrical and Computer Engineering(IJECE), July 2014 Vol. 4, Num. 4, Page 561-572, July 2014,
- 70 Raziieh Akhavan, Karim Faez, "Two Novel Retinal Blood Vessel Segmentation Algorithms", International Journal of Electrical and Computer Engineering(IJECE), June 2014 Vol. 4, Num. 3, Page 398-410, June 2014,
- 71 Seyed Masoud Mirrezaei, Karim Faez, Shram Yousefi, "Towards Fountain Codes. Part II: Belief Propagation Decoding", WIRELESS PERSONAL COMMUNICATIONS, June 2014 Vol. 76, Num. 4, Page 1-22, June 2014,

- 72 Akhtar Hazrati Bishak, Karim Faez, Hassan Barghi Jond, Sajjad Ghatei, "Selection of Optimum Subset of Features Extracted by Optimum LBP Operator Based on CLA-EC in Face Recognition System", , June 2014 Vol. 12, Num. 1, Page 67-74, June 2014,
- 73 Samaneh Taghvatalab, Karim Faez, "A Proposed Method for Contrast Enhancement of Breast Ultrasound Images Using FDHE", International Journal of Advanced Studies in Computer Science and Engineering,IJASCSE, May 2014 Vol. 3, Num. 4, Page 22-27, May 2014,
- 74 Zahra Ahmadi Dastjerdi, Karim Faez, "Local Region Pseudo-Zernike Moment-Based Feature Extraction for Facial Region of Identical Twins", Advanced Computational Intelligence:An International Journal, May 2014 Vol. 1, Num. 1, Page 19-26, May 2014,
- 75 Zahra Ahmadi-Dastjerdi, Karim Faez, "An Efficient Feature Extraction Method with Local Region Zernike Moment for Facial Recognition of Identical Twins", Informatics Engineering, an International Journal, March 2014 Vol. 2, Num. 1, Page 1-9, March 2014,
- 76 Jamal Saeedi, Karim Faez, Mohammad Hassan Moradi, "Hybrid Fractal-Wavelet Method for Multi-Channel EEG Signal Compression", CIRCUITS SYSTEMS AND SIGNAL PROCESSING, March 2014 Vol. 2014, Num. 2, Page 1-22, March 2014,
- 77 Milad Jafari Barani, Karim Faez, Foad Jalili, "Implementation of Gabor Filters Combined with Binary Features for Gender Recognition,", International Journal of Electrical and Computer Engineering(IJECE), February 2014 Vol. 4, Num. 1, Page 108-115, February 2014,
- 78 Hoda Marouf, Karim Faez, "An Efficient Feature Extraction Method with Pseudo-Zernike Moments for Facial Recognition of Identical Twins", International Journal of Computational Science and Information Technology,IJCSTITY, February 2014 Vol. 2, Num. 1, Page 1-7, February 2014,
- 79 Seyed Masoud Mirrezaei, Karim Faez, Shahram Yousefi, "Towards Fountain Codes", WIRELESS PERSONAL COMMUNICATIONS, January 2014 Vol. 8, Num. 1, Page 1-30, January 2014,
- 80 Hoda Marouf, Karim Faez, "Zernike Moments-Based Feature Extraction for Facial Recognition of Identical Twins", International Journal of Computer Science,Engineering and Information Technology(IJCSEIT), December 2013 Vol. 3, Num. 6, Page 797-804, December 2013,
- 81 Reihane Saniei, Karim Faez, "The Security of Arithmetic Compression Based Text Steganography Method", International Journal of Electrical and Computer Engineering(IJECE), December 2013 Vol. 3, Num. 6, Page 797-804, December 2013,
- 82 Minoo Hamissi, Karim Faez, "Real-Time Hand Gesture Recognition Based on the Depth Map for Human Robot Interaction", International Journal of Electrical and Computer Engineering(IJECE), December 2013 Vol. 3, Num. 6, Page 732-740, December 2013,
- 83 Zahra Hakimi, Karim Faez, Morteza Barati, "A Flow-Based Distributed Intrusion Detection System Using Mobile Agents", International Journal of Electrical and Computer Engineering(IJECE), December 2013 Vol. 3, Num. 6, Page 770-778, December 2013,
- 84 Zahra Sadat Shariatmadar, Karim Faez, "Finger-Knuckle-Print Recognition Performance Improvement Via Multi-Instance Fusion at the Score Level", OPTIK, November 2013 Vol. 2013, Num. 10, Page 1-3, November 2013,
- 85 Ebrahim Jelveh Fard, Karim Faez, Afsaneh Lalaie, "Microcalcification Detection in Mamography Images Using 2D Wavelet Coefficients Histogram," Computer Science and Information Technology", Computer Science and Information Technology, November 2013 Vol. 3, Num. 1, Page 178-184, November 2013,
- 86 Seyed Masoud Mirrezaei, Karim Faez, Shahram Yousefi, "Analysis and Design of a new Fountain Codec under Belief Propagation", IET COMMUNICATIONS, November 2013 Vol. 2013, Num. 10, Page 1-14, November 2013,
- 87 Kambiz Rahbar, Karim Faez, Ebrahim Attaran Kakhki, "Phase Wave-front Aberration Modeling Using Zernike and Pseudo-zernike polynomials", JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A-OPTICS IMAGE SCIENCE AND VISION, October 2013 Vol. 30, Num. 10, Page 1988-1993, October 2013,
- 88 Seyed Masoud Mirrezaei, Karim Faez, Abdolrasoul Ghasemi, "Performance Analysis of Network Coding Based Two-Way Relay Wireless Networks Deploying IEEE 802.11", WIRELESS PERSONAL COMMUNICATIONS, October 2013 Vol. 2103, Num. 10, Page 1-36, October 2013,

- 89 Zahra Sadat Shayatmadar, Karim Faez, "Finger-Knuckle-Print Recognition Via Encoding Local –Binary-Pattern", JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS, July 2013 Vol. 22, Num. 5, Page 1-16, July 2013,
- 90 Mohammadreza Pourfard, Karim Faez, S.Hadi Tabaian, "Autocorrelation- Based Method for Characterization of the Self-Hexagonal Lattice", JOURNAL OF PHYSICAL CHEMISTRY C, July 2013 Vol. 117, Num. 33, Page 17225-17225, July 2013,
- 91 Abbas Fadavi, Karim Faez, "The Effect of Rearrangement of the Most Incompatible Particle on Increase of Convergence Speed of PSO", International Journal of Electrical and Computer Engineering(IJECE), April 2013 Vol. 3, Num. 2, Page 238-245, April 2013,
- 92 Babak Namazi, Karim Faez, "Energy-Efficient Multi-SPEED Routing Protocol for Wireless Sensor Networks", International Journal of Electrical and Computer Engineering(IJECE), April 2013 Vol. 3, Num. 2, Page 246-253, April 2013,
- 93 Zeinab Famili, Karim Faez, Abbas Fadavi, "A Method of Steganography – P Message with Q Coefficient (SPMQC)", International Journal of Electrical and Computer Engineering(IJECE), April 2013 Vol. 3, Num. 2, Page 230-237, April 2013,
- 94 Mohammadjavad Abdollahifard, Karim Faez, "Fast Direct Sampling for Multiple Point Stochastic Simulation", Arabian Journal of Geosciences, April 2013 Vol. 2013, Num. 1, Page 1-12, April 2013,
- 95 Jamal Saeedi, S.M. Ahadi Sarkani, Karim Faez, "Robust voice activity detection directed by noise classification", Signal, Image and Video Processing (sivip), April 2013 Vol. 7, Num. 3, Page 0-0, April 2013,
- 96 Mohammadjavad Abdollahifard, Karim Faez, "Stochastic Simulation of Patterns Using Bayesian Pattern Modeling", COMPUTATIONAL GEOSCIENCES, January 2013 Vol. 17, Num. 1, Page 99-116, January 2013,
- 97 Zahra Honarpisheh, Karim Faez, "An Efficient Dorsal Hand Vein Recognition Based on Firefly Algorithm", International Journal of Electrical and Computer Engineering(IJECE), January 2013 Vol. 3, Num. 1, Page 30-41, January 2013,
- 98 Ali Mahdavi Mavadat, Karim Faez, Zeinab Shokoohi, Mohammad Zaher Karimi, "The New Method of Extraction and Analysis of Non-Linear Features for Face Recognition", International Journal of Electrical and Computer Engineering(IJECE), December 2012 Vol. 2, Num. 6, Page 766-773, December 2012,
- 99 Kambiz Rahbar, Karim Faez, Ebrahim Attaran Kakhki, "Robust Estimation of Wave-Front Aberration Distribution Function Using Invariant Wavelet Transform Profilometry", OPTICS AND LASERS IN ENGINEERING, November 2012 Vol. 2012, Num. 1, Page 1-7, November 2012,
- 100 Arash Asef Nejad, Karim Faez, "A Novel Method for Extracting and Recognizing Logos", International Journal of Electrical and Computer Engineering(IJECE), October 2012 Vol. 2012, Num. 5, Page 577-588, October 2012,
- 101 Masoumeh Khodaei, Karim Faez, "A New Adaptive Steganographic Method Using Optimal LSB Substitution and Pixel-Value Differencing", IET IMAGE PROCESSING, August 2012 Vol. 6, Num. 4, Page 1-11, August 2012,
- 102 Mohammadreza Pourfard, Karim Faez, "A Statistical Approach for the Characterization of Self-Assembled Hexagonal Lattices", APPLIED SURFACE SCIENCE, July 2012 Vol. 258, Num. 23, Page 1-11, July 2012,
- 103 Milad Shirmohammadi, Karim Faez, Hassan Khotanlou, "Standardizing, Segmenting and Tenderizing Letters and Improving the Quality of Envelope Images to Extract Postal Addresses", International Journal of Electrical and Computer Engineering(IJECE), June 2012 Vol. 2, Num. 2, Page 31-41, June 2012,
- 104 Kambiz Rahbar, Karim Faez, Ebrahim Kakhki, "Estimation of Phase-front Aberration Distribution Function Using Wavelet Transform Profilometry", APPLIED OPTICS, June 2012 Vol. 51, Num. 16, Page 3380-3386, June 2012,
- 105 Akhtar Hazrati, Karim Faez, Morteza Hazrati, "A New Feature Selection Method Based on CLA-EC in Face Recognition System", The Journal of Mathematics and Computer Science, June 2012 Vol. 4, Num. 2, Page 159-171, June 2012,
- 106 Ali Bazmi, Karim Faez, "Increasing the Accuracy of Detection and Recognition in Visual Surveillance", International Journal of Electrical and Computer Engineering(IJECE), June 2012 Vol. 2, Num. 3, Page 395-404, June 2012,

- 107 Sara Zokaee, Karim Faez, "Human Identification Based on ECG and Palmprint", International Journal of Electrical and Computer Engineering(IJECE), April 2012 Vol. 2, Num. 2, Page 31-41, April 2012,
- 108 Maryam Nasiri, Karim Faez, Ali Morie, "Fetal Electrocardiogram Signal Extraction by ANFIS Trained with PSO Method", International Journal of Electrical and Computer Engineering(IJECE), April 2012 Vol. 2, Num. 2, Page 247-260, April 2012,
- 109 Davod Aghlmandi, Karim Faez, "Automatic Segmentation of Glottal Space from Video Images Based on Mathematical Morphology and the Hough Transform", International Journal of Electrical and Computer Engineering(IJECE), April 2012 Vol. 2, Num. 2, Page 223-230, April 2012,
- 110 Mitran Hamedanchian Mohammadi, Karim Faez, "Matching between Important Points Using Dynamic Time Warping for Online Signature Verification", Cyber Journals:Multidisciplinary Journals in Science and Technology, January 2012 Vol. 2012, Num. 1, Page 1-7, January 2012,
- 111 Jamal Saeedi, Karim Faez, "Infrared and visible image fusion using fuzzy logic and population-based optimization", APPLIED SOFT COMPUTING, December 2011 Vol. 1, Num. 2, Page 1-21, December 2011,
- 112 Jamal Saeedi, Karim Faez, "A classification and fuzzy-based approach for digital multi-focus image fusion", PATTERN ANALYSIS AND APPLICATIONS, December 2011 Vol. 1, Num. 1, Page 1-10, December 2011,
- 113 Mohammadjavad Abdollahifard, Karim Faez, Mohammadreza Pourfard, Mojtaba Abdollahi, "A histogram-based segmentation method for characterization of self-assembled hexagonal lattices", APPLIED SURFACE SCIENCE, October 2011 Vol. 257, Num. 24, Page 10443-10450, October 2011,
- 114 Alimohammad Norouzzadeh, Karim Faez, "Detecting Wormhole Attack on Adhoc Networks by Destination and Departure Neighbors", INFORMATION SECURITY RESEARCH, August 2011 Vol. 1390, Num. 31, Page 172-190, August 2011,
- 115 Majid Ziaratban, Karim Faez, "Detection and Compensation of Undesirable Discontinuities within the Farsi/Arabic Subwords", INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, June 2011 Vol. 8, Num. 3, Page 293-301, June 2011,
- 116 Shirin Khezri, Karim Faez, A. Othmani, "An Intelligent Sensor Placement Method to Reach a High Convergence in Wireless Sensor Networks", International Journal of Grid and High Performance Computing (IJGHPC), June 2011 Vol. 2011, Num. 3, Page 54-68, June 2011,
- 117 Jamal Saeedi, Karim Faez, "A New Pan-Sharpener Method Using Multi-Objective Particle Swarm Optimization and the Shiftable Contourlet Transform", ISPRS JOURNAL OF PHOTOGRAMMETRY AND REMOTE SENSING, May 2011 Vol. 66, Num. 3, Page 365-381, May 2011,
- 118 Majid Ziaratban, Karim Faez, "Adaptive Script-Independent Text Line Extraction", IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS, April 2011 Vol. 94, Num. 4, Page 866-877, April 2011,
- 119 Mehdi Ezoji, Karim Faez, "Use of Matrix Polar Decomposition for Illumination-Tolerant Face Recognition in Discrete Cosine Transform Domain", IET IMAGE PROCESSING, February 2011 Vol. 5, Num. 1, Page 0-35, February 2011,
- 120 Kambiz Rahbar, Karim Faez, "Blind Correction of Lens Aberration Using Modified Zernike Moments", , January 2011 Vol. 2, Num. 6, Page 37-44, January 2011,
- 121 Karim Faez, "Study on the Performance of Moments as Invariant Descriptors for Practical Face Recognition Systems", IET Computer Vision, December 2010 Vol. 4, Num. 4, Page 0-0, December 2010,
- 122 Jamal Saeedi, Mohammad Hassan Moradi, Karim Faez, "A New Wavelet-Based Fuzzy Single and Multi-Channel Image Denoising", Image and Vision Computing, December 2010 Vol. 28, Num. 12, Page 0-0, December 2010,
- 123 Hamidreza Rashidy Kanan, Karim Faez, "Adaptively Weighted Sub-Gabor Array for Single Model-Based Human Face Recognition", Iranian Journal of Electrical and Computer Engineering, IJECE, December 2010 Vol. 9, Num. 1, Page 1-12, December 2010,
- 124 Karim Faez, "Ear Recognition Using BI-Orthogonal and Gabor Wavelet-Based Region Covariance Matrices", Applied Artificial Intelligence, October 2010 Vol. 24, Num. 9, Page 0-0, October 2010,
- 125 Abdorasoul Ghasemi, Karim Faez, "A non-cooperative game approach for power-aware MAC in ad hoc wireless networks", Computer Communications, October 2010 Vol. 33, Num. 12, Page 0-0, October 2010,

- 126 Hamidreza Rashidy Kanan, Karim Faez, "Recognizing faces using Adaptively Weighted Sub-Gabor Array from a single sample image per enrolled subject", , March 2010 Vol. , Num. 28, Page 0-0, March 2010,
- 127 Mojtaba Abolghasemi, Hassan Aghaeinia, Karim Faez, "Detection of $LSB_{\pm 1}$ steganography based on co-occurrence matrix and bit plane clipping", Journal of Electronic Imaging, January 2010 Vol. 0, Num. 0, Page 0-0, January 2010,
- 128 Majid Ziaratban, Karim Faez, "Non-uniform slant estimation and correction for Farsi/Arabic handwritten words", , December 2009 Vol. , Num. 4, Page 0-0, December 2009,
- 129 [en-name N/A], Karim Faez, "Feature Selection Method Based on Fuzzy Entropy For Regression in QSAR Studies", , September 2009 Vol. , Num. 17, Page 0-0, September 2009,
- 130 Mehdi Ezoji, Karim Faez, "Illumination-Robust Face Recognition From a Single Image Per Person Using Matrix Polar Decomposition", , August 2009 Vol. , Num. 8, Page 0-0, August 2009,
- 131 Hamidreza Rashidy Kanan, Karim Faez, Yangsheng Gao, "Face recognition using adaptively weighted patch PZM array from a single exemplar image per person", , December 2008 Vol. , Num. 41, Page 0-0, December 2008,
- 132 Hamidreza Rashidy Kanan, Karim Faez, "GA-based optimal selection of PZMI features for face recognition", , November 2008 Vol. , Num. 205, Page 0-0, November 2008,
- 133 Hamidreza Rashidy Kanan, Karim Faez, "An improved feature selection method based on ant colony optimization (ACO) evaluated on face recognition system", , November 2008 Vol. , Num. 205, Page 0-0, November 2008,
- 134 [en-name N/A], Karim Faez, Volker Margner, Haikal El-Abed, "Two-Stage Lexicon Reduction for Offline Arabic Handwritten Word Recognition", , October 2008 Vol. , Num. 7, Page 0-0, October 2008,
- 135 Abdorasoul Ghasemi, Karim Faez, "Power-Aware MAC for Multihop Wireless Networks :A Cross Layer Approach", , October 2008 Vol. , Num. 10, Page 0-0, October 2008,
- 136 [en-name N/A], Karim Faez, "Lexicon Reduction Using Dosts for off-Line Farsi/Arabic Handwritten Word Recognition", , April 2008 Vol. , Num. 29, Page 0-0, April 2008,
- 137 Gader Karimian Khosrowsshahi, Abolghasem Raie, Karim Faez, "Geometric Constraints for Line Segment Tracking in Image Sequences", , December 2007 Vol. , Num. 1, Page 0-0, December 2007,
- 138 Gader Karimian Khosrowsshahi, Abolghasem Raie, Karim Faez, "A New and Efficient Algorithm to Track line Segments in a Sequence of Consecutive Images", , July 2007 Vol. 0, Num. 0, Page 0-0, July 2007,
- 139 Gader Karimian Khosrowsshahi, Abolghasem Raie, Karim Faez, "On Some Geometric and Structural Constraints in Stereo Line Segment Matching", , March 2007 Vol. , Num. 1, Page 0-0, March 2007,
- 140 Gader Karimian Khosrowsshahi, Abolghasem Raie, Karim Faez, "A New Efficient Stereo Line Segment Matching Algorithm", International journal of science & technology AMIRKABIR, March 2007 Vol. 17, Num. 0, Page 39-51, March 2007,
- 141 Abdorasoul Ghasemi, Karim Faez, "Jointly Rate and Power Control in Contention Based MultiHop Wireless Networks", , January 2007 Vol. , Num. 30, Page 0-0, January 2007,
- 142 Hamidreza Rashidy Kanan, Karim Faez, Seyed Mostafa Taheri, "Feature Selection Using Ant Colony Optimization (ACO):A New Method and Comparative Study in the Application of Face Recognition System", , January 2007 Vol. , Num. 4597, Page 0-0, January 2007,
- 143 [en-name N/A], Karim Faez, Volker Margner, "Application of Fractal Theory for On-Line and Off -Line Farsi Digit Recognition", , January 2007 Vol. , Num. 4571, Page 0-0, January 2007,
- 144 Farhad Amery Shahrabi, Siamak Moradian, Mohammad Amani Tehran, Karim Faez, "Use of Transformed Reflectance Functions for Neural Network Color Match Prediction Systems", , September 2006 Vol. , Num. 3, Page 0-0, September 2006,
- 145 Hamidreza Rashidy Kanan, Karim Faez, Mehdi Ezoji, "Face Recognition: An Optimized Localization Approach and Selected PZMI Feature Vector Using SVM Classifier", , August 2006 Vol. , Num. 4113, Page 0-0, August 2006,
- 146 Mehdi Ezoji, Karim Faez, Hamidreza Rashidy Kanan, [en-name N/A], "Ga- Based Affine PPM Using Matrix Polar Decomposition +", , July 2006 Vol. , Num. 7, Page 0-0, July 2006,

- 147 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, Farid Asgari, "An Efficient Algorithm for Face Localization", , July 2006 Vol. , Num. 7, Page 0-0, July 2006,
- 148 Gader Karimian Khosrowsshahi, Abolghasem Raie, Karim Faez, "A New Efficient Stereo Line Segment Matching Algorithm Based on More Effective Usage of The Photometric, Geometric and Structural Information", , July 2006 Vol. , Num. 7, Page 0-0, July 2006,
- 149 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, Mohmmad Ahmadi, "Off-Line Recognition of Handwritten Middle Age Persian Characters Using Moment", , January 2006 Vol. , Num. 4, Page 0-0, January 2006,
- 150 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, Alireza Shayesteh Fard, "An Efficient Feature Extraction Method for the Middle-Age Character Recognition", , December 2005 Vol. , Num. 0, Page 0-0, December 2005,
- 151 Abolfazl Toroghi Haghighat, Karim Faez, Siavash Khorsandi, Mehdi Dehghan Takht Fooladi, "dsing of New Models for Tight Upper Bound Approximation of Cell Loss Ratio in ATM Networks", , October 2005 Vol. , Num. 1, Page 0-0, October 2005,
- 152 Shahpoor Alirezaee, Alireza Shayesteh Fard, Hassan Aghaeinia, Karim Faez, "A Restoration and Segmentation Unit for the Historic Persian Document", , October 2005 Vol. , Num. 1, Page 0-0, October 2005,
- 153 Farhad Amery Shahrabi, Siamak Moradian, Mohammad Amani Tehran, Karim Faez, "The Use of Fundamental color stimulus to improve the Performance of Artificial neural networks color match prediction system", , September 2005 Vol. , Num. 4, Page 0-0, September 2005,
- 154 Peiman Moalem, Karim Faez, "Effective Parameters in Search Space Reduction Used in a Fast Edge_Based Stereo Matching", , April 2005 Vol. , Num. 2, Page 0-0, April 2005,
- 155 Mehran Mahramian Moallem, [en-name N/A], Hassan Taheri, Karim Faez, "Three new neural network based algorithms for IP lookup and packet classification", , February 2005 Vol. , Num. 29, Page 0-0, February 2005,
- 156 Abolfazl Toroghi Haghighat, Karim Faez, Mehdi Dehghan Takht Fooladi, Amir Mowlaei, [en-name N/A], "Ga- based heuristic algorithms for bandwidth - delay - constrained least - cost multicast routing", , January 2004 Vol. , Num. 27, Page 0-0, January 2004,
- 157 Karim Faez, Peiman Moalem, "Fast edge-based stereo matching and geometric parameters", , December 2003 Vol. , Num. 13, Page 0-0, December 2003,
- 158 Javad Hadadnia, Majid Ahmadi, Karim Faez, "An efficient feature extraction method with pseudo - zernike moment in RBF neural network -based human face recognition system", , August 2003 Vol. , Num. 9, Page 0-0, August 2003,
- 159 Abolfazl Toroghi Haghighat, Karim Faez, Siavash Khorsandi, "Design of new real - time models for tight upper bound approximation of cell loss ratio in ATM networks", , July 2003 Vol. , Num. 26, Page 0-0, July 2003,
- 160 Abolfazl Toroghi Haghighat, Karim Faez, Mehdi Dehghan Takht Fooladi, Amir Mowlaei, [en-name N/A], "GA-based heuristic algoritms for QoS based multicast routing", , July 2003 Vol. , Num. 5, Page 0-0, July 2003,
- 161 Javad Hadadnia, Karim Faez, Majid Ahmadi, "A fuzzy hybrid learning algorithm for radial basis function neural network with application in human face recognition", , May 2003 Vol. , Num. 36, Page 0-0, May 2003,
- 162 Javad Hadadnia, Karim Faez, Majid Ahmadi, "An efficiant human face recognition system using pseudo zernik moment invariant and radial basis function neural network", , February 2003 Vol. , Num. 17, Page 0-0, February 2003,
- 163 Javad Hadadnia, Karim Faez, Majid Ahmadi, Peiman Moalem, "Design of RBF neural network using an efficient hybrid learning algorithm with application in human face recognition with pseudo zernike moment", , February 2003 Vol. , Num. 2, Page 0-0, February 2003,
- 164 Abolfazl Toroghi Haghighat, Karim Faez, Mehdi Dehghan Takht Fooladi, Amir Mowlaei, [en-name N/A], "A genetic algorithm for steiner tree optimization with multiple constraints using prufer number", , December 2002 Vol. , Num. , Page 0-0, December 2002,
- 165 [en-name N/A], [en-name N/A], Karim Faez, [en-name N/A], "Neural network based algorithms for IP lookup and packet classification", , December 2002 Vol. , Num. , Page 0-0, December 2002,

- 166 Abolfazl Toroghi Haghighat, Karim Faez, Mehdi Dehghan Takht Fooladi, "Design of new models for tight approximation of cell loss ratio in ATM networks", , December 2002 Vol. , Num. 2, Page 0-0, December 2002,
- 167 Peiman Moalem, Karim Faez, Javad Hadadnia, "Fast edge-based stereo matching algorithms through search space reduction", , November 2002 Vol. , Num. 11, Page 0-0, November 2002,
- 168 Javad Hadadnia, Karim Faez, "A neural based human face recognition system using an efficient feature extraction method with pseudo zernike moment", , June 2002 Vol. , Num. 3, Page 0-0, June 2002,
- 169 Masoud Sabaei, Mehdi Dehghan Takht Fooladi, Karim Faez, Majid Ahmadi, "A VHDL-based HOW/SW co-simulation of communications systems", , July 2001 Vol. , Num. 7, Page 0-0, July 2001,
- 170 Mehdi Dehghan Takht Fooladi, Karim Faez, M. Shridhar, "Handwritten farsi(Arabic) word recognition: a holistic approach using discrete HMM", , May 2001 Vol. , Num. 5, Page 0-0, May 2001,
- 171 Mehdi Dehghan Takht Fooladi, Karim Faez, Madjid Ahmadi, M. Shridhar, "Unconstrained farsi handwritten word recognition using fuzzy vector quantization and hidden markov models", , February 2001 Vol. , Num. 22, Page 0-0, February 2001,
- 172 Payam Naseri, Karim Faez, "A dynamic model for the seismic signals processing and application in seismic prediction and discrimination", , December 2000 Vol. , Num. 83, Page 0-0, December 2000,
- 173 Payam Naseri, Karim Faez, "Seismic events discrimination using a new FLVQ clustering model", , July 2000 Vol. , Num. , Page 0-0, July 2000,
- 174 Payam Naseri, Karim Faez, "Signature pattern recognition using moments invariant and a new fuzzy LVQ model", , December 1998 Vol. , Num. 12, Page 0-0, December 1998,

Other Records

- 1 M. Mahmoodi- K. Faez- A. Ghasemi, "Defense Against Primary User Emulation Attackers Based on Adaptive Bayesian Learning Automata in Cognitive Radio Networks", *Ad Hoc Networks*, 2020 Vol. 102, Num. , Page , 2020, May
- 2 M. Anbiaei-K. Faez- M. Najimi, "Energy-Efficient Resource Allocation for Device-to-Device Underlay Communications in Cellular Networks", *IET-SPR*, 2019 Vol. , Num. , Page , 2019, April
- 3 S. Nazari-M. Amiri-K. Faez- M. M. Van Hulle, "Information Transmitted From Bioinspired Neuron-Astrocyte Network Improves Cortical Spiking Network's Pattern Recognition Performance", *IEEE Transactions on Neural Networks and Learning Systems*, 2019 Vol. , Num. , Page , 2019, April
- 4 M. Amiri-S. Nazari-K. Faez, "Digital Realization of the Proposed Linear Model of the Hodgkin-Huxley Neuron ", *International Journal of Circuit Theory and Applications*, 2019 Vol. , Num. , Page , 2019, March
- 5 S. Nazari- K. Faez, "Empowering the Impaired Astrocytes in the Tripartite Synapses to Improve Accuracy of Pattern Recognition", *Soft Computing*, 2019 Vol. , Num. , Page , 2019, February
- 6 S. Nazari- K. Faez, "Spiking Pattern Recognition Using Informative Signal of Image and Unsupervised Biologically Plausible Learning", *Neurocomputing*, 2019 Vol. , Num. , Page , 2019, February
- 7 15. R. Almas Shehni- K. Faez- F. Eshghi-M. Kelarestaghi, "A New Lightweight Watchdog-Based Algorithm for Detecting Sybil Nodes in Mobile WSMs", *Future Internet*, 2018 Vol. , Num. , Page , 2018, January
- 8 17. Aref Miri- Karim Faez, "Adaptive Image Steganography Based on Transform Domain via Genetic Algorithm", *Optik-International Journal for Light and Electron Optics*, 2017 Vol. , Num. , Page , 2017, September
- 9 16. M. Abdechiri- K. Faez- H. Amindavar, "Exploring Chaotic Attractors in Nonlinear Dynamical System under Fractal Theory", *Multidim Syst Sign Process*, 2017 Vol. , Num. , Page , 2017, August
- 10 18. M. Firouznia- K. Faez- H. Amindavar- J. Alikhani- P. Pantano-E. Bilotta, "Multi-Step Prediction Method for Robust Object Tracking", *Digital Signal Processing*, 2017 Vol. , Num. , Page , 2017, August
- 11 20. M. Abdechiri- K. Faez- H. Amindavar, "Visual Object Tracking with Online Weighted Chaotic Multiple Instance Learning", *Neurocomputing*, 2017 Vol. , Num. , Page , 2017, April

- 12 21. SH. Ghanei- K. Faez, "A Robust Approach for Scene Text Localization Using Rule-Based Confidence Map and Grouping", *International Journal of Pattern Recognition and Artificial Intelligence*, 2017 Vol. , Num. , Page , 2017, March
- 13 Aref Miri- Karim Faez, "An Image Steganography Method Based on Integer Wavelet Transform, ", *Multimedia Tools and Applications*, 3017 Vol. , Num. , Page , 3017, June
- 14 M. Mahmoodi-K. Faez- A. Ghasemi, "Uncoordinated Frequency Hopping Scheme for Defense Against Primary User Emulation Attack in Cognitive Radio Networks", *Journal of Computer Network*, 2019 Vol. , Num. 163, Page , 2019,
- 15 S. Nazari- K. Faez, "Novel Systematic Mathematical Computation Based on the Spiking Frequency Gate (SFG): Innovative Organization of Spiking Computer", *Information Sciences*, 2019 Vol. , Num. , Page , 2019,
- 16 S. Nazari- K. Faez, "Establishing the flow of information between two bio-inspired spiking neural networks, ", *Information Sciences*, 2018 Vol. , Num. , Page , 2018,
- 17 9. Z.S Shariatmadar- K. Faez, "Visual Saliency Detection via Integration Bottom-Up and Top-Down Information, ", *Optik*, 2018 Vol. , Num. , Page , 2018,
- 18 11. E. S. Sadat- K. Faez-M. Saffari Pour, "Entropy-Based Video Steganalysis of Motion Vectors", *Entropy*, 2018 Vol. , Num. , Page , 2018,
- 19 12. M. Abdechiri- K. Faez- H. Amindavar, "Three-Step-Prediction for Object Tracking", *Image and Vision Computing*, 2018 Vol. , Num. , Page , 2018,
- 20 13. M.Firouznia - K. Faez- H. Amindavar- J. Alikhani Koupaei, " Chaotic particle filter for visual object tracking," , *Journal of Visual Communication and Image Representation*, 2018 Vol. , Num. , Page , 2018,
- 21 14. S. Nazari, K. Faez, Mahyar Janahmadi, "A New Approach to Detect the Coding Rule of the Cortical Spiking Model in the Information Transmission", *Journal of Visual Communication and Image Representation*, 2018 Vol. , Num. , Page , 2018,

Conference Papers

Portal Records

- 1 Elaheh Sadat Sadat, Karim Faez, "Blind Steganalysis of Motion Vector in a Compressed H.264 Video ", Third Conference on Signal Processing and Intelligent Systems, ICSPIS, December 2017
- 2 Mahdieh Sadat Hosseini Varaki, Karim Faez, "Recognition of Lung Nodules in CT Scanned Chest Images Using 3D Clustering and RUSBoot Algorithm ", Third Conference on Signal Processing and Intelligent Systems, ICSPIS, December 2017
- 3 Hossein Hosseinin Amirabadi, Karim Faez, "Optimization of Facial Expression Recognition Using Local Gradient Pattern and Gradient Based Ternary Textures Pattern ", 10th Iranian Conference on Machine Vision and Image Processing, November 2017
- 4 Mohsen Soltanpour, Karim Faez, Saeed Sharifian Khortoomi, Vahid Pourahmadi, "Enhance Evoked Potentials Detection Using RBF Neural Networks: Application to Brain-Computer Interface ", 2nd International Conference on Signal Processing and Intelligent System, December 2016
- 5 Hamed Eslami, Abolghasem Raie, Karim Faez, "Fast estimation of the vehicles 3D model and precise localization of vehicle in the scene for video surveillance and law enforcement applications ", 9th Iranian Conference on Machine Vision and Image Processing, November 2015
- 6 Nasim Borzue, Karim Faez, "Facial Age Estimation Using Artificial Neural Network and Robust Feature Extraction ", of 22nd Iranian Conference on Biomedical Engineering, ICBME2015, November 2015
- 7 Soheila Nazari, Karim Faez, Nemat Soltani, Mahmood Amiri, "Astrocyte Stimulation as a New Technique to Desynchronize Two Coupled Neurons ", 22nd Iranian Conference on Biomedical Engineering, ICBME2015, November 2015

- 8 Fatemeh Abdollahi, Karim Faez, "Automatic Image Annotation for Classification Using Neural Network ", 20th National Yearly Conference of Computer Society of Iran, March 2015
- 9 Maryam Dashti, Saeed Shiry Ghidary, Tahmineh Hosseinian, Mohammadreza Pourfard, Karim Faez, "Super-resolution via a patch-based Sparse Algorithm ", International Symposium on Artificial Intelligence and Signal Processing (AISP) 2015, March 2015
- 10 Iman Iraei, Karim Faez, "Object Tracking with Occlusion Handling Using Mean Shift, Kalman Filter and Edge Histogram ", 2nd International Conference on Pattern Recognition and Image Analysis, March 2015
- 11 Maryam Shokoohi, Karim Faez, "Expression Recognition Using Directional Gradient Local Pattern and Gradient-Based Ternary Texture Patterns ", 2nd International Conference on Pattern Recognition and Image Analysis, March 2015
- 12 Mahdi Samaee, Karim Faez, "Locating Farsi Text in Images of LandScapes ", 2nd International Conference on Pattern Recognition and Image Analysis, March 2015
- 13 Mohammad Ali Talebi Nasa , Karim Faez, "A High Capacity Lossless Data Hiding Method Based on JPEG and Optimized Quantization Table ", 2nd International Conference on Pattern Recognition and Image Analysis, March 2015
- 14 Hamed Eslami, Abolghasem Raie, Karim Faez, "Robust Vehicle Localization in the Scene and Law Enforcement Camera Calibration Using License Plate ", 2nd INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION AND IMAGE ANALYSIS, March 2015
- 15 Zeynab Shokoohi, Karim Faez, "Expression Recognition Using Directional Gradient Local Pattern ", the eighth Iran Data Mining Conference, IDMC2014, December 2014
- 16 Zeynab Shokoohi, Karim Faez, "Expression Recognition Using Directional Gradient Local Pattern and Gradient-Based Ternary Texture Patterns ", the eighth Iran Data Mining Conference, IDMC2014, December 2014
- 17 Rozita Pour Pouladi, Karim Faez, Soheila Abbasi, "" Animal Classification with Joint Visual Vocabulary Using Support Vector Machine and ANFIS ", the eighth Iran Data Mining Conference, IDMC2014, December 2014
- 18 Mahdi Samaee, Karim Faez, "Farsi Text Localization in Natural Scene Images," Proceedings of the eighth Iran Data Mining Conference ", The eighth Iran Data Mining Conference, December 2014
- 19 Somayeh Khaleghi, Karim Faez, "A Nevel Learning Based Algorithm for Resource Searching in Peer-to-Peer over Mobile Ad-hoc Networks ", The eighth IranData Mining Conference, IDMC2014,, December 2014
- 20 Rozita Pour Pouladi, Karim Faez, Soheila Abbasi, "Clustering of Generalized Regression Neural Network with an Improved Differential Evolution ", the eighth Iran Data Mining Conference, IDMC2014,, December 2014
- 21 Mahlaghafari, Karim Faez, "Classification Improvement of TPC Tracking in Video Images ", The eighth IranData Mining Conference, IDMC2014,, December 2014
- 22 Nasibeh Saffari Tabalvandany, Karim Faez, "," Using Combined Cluster for Breast Mass Classification in Digital Mammography ", the eighth Iran Data Mining Conference, IDMC2014,, December 2014
- 23 Azam Shirali , Karim Faez, "Multi-Population Algorithms Improvement in Dynamic Environment with Using Changes Prediction by Neural Network ", the eighth Iran Data Mining Conference, IDMC2014, December 2014
- 24 Soheila Nazari, Karim Faez, Mahmoud Amiri, Ehsan Karami, "A Novel Digital Circuit for Astrocyte- Inspired Simulator to Desynchronize Two Coupled Hopf Oscillators ", the 21th Iranian Conference on Biomedical Engineering, ICBME2014, November 2014
- 25 Ali Moeini, Hossein Moeini, Karim Faez, "Makeup-Insensitive Face Recognition by Facial Depth Reconstruction and Gabor Filter Bank From Womens Real-World Images ", IEEE International Conference on Image Processing, ICIP, October 2014
- 26 Ali Moeini, Hossein Moeini, Karim Faez, "Real-time Pose-invariant Face Recognition by Triplet Pose Sparse Matrix from only a Single Image ", Proceedings of the 22nd International Conference on Pattern Recognition, ICPR 2014, August 2014

- 27 Ali Moeini, Hossein Moeini, Karim Faez, "Pose-Invariant Facial Expression Recognition Based on 3D Face Reconstruction and Synthesis from a Single 2D Image ", Proceedings of the 22nd International Conference on Pattern Recognition, ICPR 2014, August 2014
- 28 Ali Moeini, Hossein Moeini, Fazael Ayatollahi, Karim Faez, "Makeup-Invariant Face Recognition by 3D Face Modeling and Dual-Tree Complex Wavelet Transform from Women's 2D Real-World Images ", Proceedings of the 22nd International Conference on Pattern Recognition, ICPR 2014, August 2014
- 29 Ali Moeini, Hossein Moeini, Karim Faez, "Expression-Invariant Face Recognition via 3D Face Reconstruction Using Gabor Filter Bank from a 2D Single Image ", Proceedings of the 22nd International Conference on Pattern Recognition, ICPR 2014, August 2014
- 30 Nasibeh Saffari Tabalvandani, Karim Faez, "Multiple Classifier Systems for Breast Mass Classification ", 22nd Iranian Conference on Electrical Engineering, ICEE 2014, May 2014
- 31 Reza Serajeh, Amir Ebrahimi Ghahnavieh, Karim Faez, "Multi Scale Feature Point Tracking ", 22nd Iranian Conference on Electrical Engineering, ICEE 2014, May 2014
- 32 Gelareh Meydanipour, Karim Faez, "Head Pose Estimation Using Histogram of SIFT Descriptors ", 22nd Iranian Conference on Electrical Engineering, ICEE 2014, May 2014
- 33 Samaneh Taghvatalab, Karim Faez, Nasrin Ahmadi, "A Proposed Method for Contrast Enhancement in Breast Ultrasound Images ", The 5th Iranian Conference on Bioinformatics, May 2014
- 34 Ehsan Mirsadeghi, Mehran Fotouhi, Karim Faez, Shoreh Kasaei, "Feature-Based Image Stitching with Repetitive Patterns Using Local Phase Quantization ", The 22nd Iranian Conference on Electrical Engineering-ICEE2014, May 2014
- 35 Mehran Fotouhi, Ehsan Mirsadeghi, Shoreh Kasaei, Karim Faez, "BSIFT: Boosting SIFT Using Principal Component Analysis ", The 22nd Iranian Conference on Electrical Engineering-ICEE 2014, May 2014
- 36 Zeynab Shokoohi, Karim Faez, "Facial Expression Recognition Based on Structural Changes in Facial Skin ", The 6th RoboCup IranOpen International Symposium and the 4th Joint Conference on AI & Robotics, AIR2014, April 2014
- 37 Seyedh Somayeh Ahmadi Fakhimi, Karim Faez, "Van Patterns Recognition Using Zernike Moments and RBF Neural Networks ", The 6th RoboCup IranOpen International Symposium and the 4th Joint Conference on AI & Robotics, AIR2014, April 2014
- 38 Mahlegha Ebad Paskiabi, Karim Faez, Roghayeh Khodabandeh Ovili, "Face Recognition Using Combination of Fuzzy Gabor Wavelet and Local Binary Pattern ", The 6th RoboCup IranOpen International Symposium and the 4th Joint Conference on AI & Robotics, AIR2014, April 2014
- 39 Samaneh Taghvatalab, Karim Faez, "A Proposed Method for Reduction of Speckle Noise in the Breast Sonography Images ", the 19-th National CSI Computer Conference, CSI2014, March 2014
- 40 Rezvan Almas Shehni, Karim Faez, "Presenting an Algorithm for Detection of Sybil Nodes Using a Watching Node and Nodes Neighborhood Model Information in the Mobile Sensor Networks ", the 19-th National CSI Computer Conference, CSI2014, March 2014
- 41 Somayeh Ahmadi, Karim Faez, "Enforcement of Hand Vein Patterns Using Fuzzy Sets and Verifying by Minutiae Points and Extended Hausdorff Distance ", 12-th Iranian Conference on Intelligent Systems, ICIS2014, February 2014
- 42 Sahar Seifzadeh, Karim Faez, "A Cortex-like Model for Animal Recognition Based on Texture Using Feature-Selective Hashing ", 12-th Iranian Conference on Intelligent Systems, ICIS2014, February 2014
- 43 Hoda Maroof, Ali Adeli, Karim Faez, "Discrimination Between Twins Faces Using Adaptive LRPCA, and COGNITEC ", 12-th Iranian Conference on Intelligent Systems, ICIS2014, February 2014
- 44 Ali Moeini, Mahdi Seyfipoor, Karim Faez, Hossein Moeini, "Unconstrained Head Pose estimation With Constrained Local Model and Memory Based Particle Filter by 3D Point Distribution Models ", Proceedings of Symposium on Artificial Intelligence and Signal Processing, AISP2013, December 2013
- 45 Rezvan Almas Shehni, Karim Faez, "Detection of Sybil Nodes in Mobile Sensor Networks Using the Context of Nodes Mobility ", proceedings of Symposium on Computer Networks and Distributed Systems (CNDS) 2013, December 2013

- 46 Razieh Akhavan, Karim Faez, "," Automated Retinal Blood Vessel Segmentation Using Fuzzy Mathematical Morphology and Morphological Reconstruction ", Proceedings of Symposium on Artificial Intelligence and Signal Processing, AISP2013, December 2013
- 47 Roya Aramesh, Karim Faez, "Design of a New Algorithm to Extract Retinal Blood Vessels Using Combining Mathematical Morphology and Histogram Maximum and Minimum Points ", International Conference on Engineering and Applied Science, November 2013
- 48 Ali Moeini, Karim Faez, Hossein Moeini, "Deformable Generic Elastic Models From a Single 2D Image for Facial Expression and Large Pose Face Together Synthesis and Recognition, ", 2013 Seventh International Conference on Distributed Smart Cameras, ICDSC2013, October 2013
- 49 Reihaneh Saniei, Karim Faez, "The Capacity of Arithmetic Compression Based Text Steganography Method ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013,, September 2013
- 50 Farzad Alipour, Karim Faez, Sahar Seifzadeh, "Rulling Lines Removal in Handwritten Documents ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013, September 2013
- 51 Mahdi Seyfipoor, Karim Faez, "Robust methods for tracking objects in partial occlusion based on adaptive multi-layer model using a particle filter ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013,, September 2013
- 52 Gelareh Meydanipour, Karim Faez, "Robust Head Pose Estimation Using ContourletSD Transform and GLCM, ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013, September 2013
- 53 Ali Moeini, Karim Faez, Hossein Moeini, "Facial Expression Invariant 3D Face Reconstruction from a Single Image Using Deformable Generic Elastic Models ", 8th Iranian Conference on Machine Vision and Image Processing, September 2013
- 54 Maryam Motavelizadeh, Karim Faez, "Diagnosis of Addiction through the eyes and classify them by a Neural Network ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013, September 2013
- 55 Aref Abedjooy, Karim Faez, "A Hybrid ANFIS Model for Studying the Impact of Zernike Coefficients on Keratoconus Utilizing BA Optimization and FCM ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013, September 2013
- 56 Aref Abedjooy, Karim Faez, "," A Comparison of BA, GA, and PSO in Estimation of the Effect of Higher-Order Aberrations on Visual Function in Keratoconic Eyes Using a FCM-ANFIS Approach, ", 8th Iranian Conference on Machine Vision and Image Processing, MVIP2013, September 2013
- 57 Karim Faez, Tahereh Pilehchi, Saeedeh Hamzehzadeh, "Speech emotion analysis in noisy environments in the real world ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013
- 58 Karim Faez, Razieh Akhavan Amjadi, "Segmentation of Retinal Blood Vessels Classified by Density Clustering Based on Fuzzy Logic ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013
- 59 Saeedeh Hamzehzadeh, Karim Faez, Abbas Razmjooei, "Feature Extraction in BSIF Using Neuro Fuzzy ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013
- 60 Zahra Ahmadi, Karim Faez, "Face Detection Using Local Binary Patterns Based on Neuro Fuzzy Classification, ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013
- 61 Mojtaba Gholamian, Karim Faez, Akram Aghamohseni, "Cooperative Particle Swarm Optimization algorithm with CPSO-FW fuzzy inertia Ratio ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013
- 62 Abbas Razmjooei, Karim Faez, Navid Danapour, "Content-based image classification based on improved self-organizing neural networks and non-linear Features ", 13th Iranian Conference on Fuzzy Systems, IFSC2013,, August 2013
- 63 Sanaz Gouran, Karim Faez, "Automatic Diabetic Retinopathy Detection Using Fuzzy Morphology and Neural Networks ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013

- 64 Akram Aghamohseni, Karim Faez, Mojtaba Gholamian, "A Multi Agent Based Fuzzy Feature Transformation Method for Minimizing Classification Error of Support Vector Machine ", 13th Iranian Conference on Fuzzy Systems, IFSC2013, August 2013
- 65 Zahra Hakimi, Karim Faez, Morteza Barati, "An Efficient Architecture for Distributed Intrusion Detection System ", the International ISC Conference on Information Security and Cryptology, ISCISC2013, August 2013
- 66 Babak Namazi, Karim Faez, "Power-aware QoS Routing for Wireless Multimedia Sensor Networks ", of 21st Iranian Conference on Electrical Engineering, ICEE2013, May 2013
- 67 Ali Moeini, Karim Faez, Hossein Moeini, ", " Unrestricted Estimation of Head Pose Using Constrained Local Model ", 21st Iranian Conference on Electrical Engineering, ICEE2013, May 2013
- 68 Hamid Behravan, Karim Faez, ", " Introducing a New Multimodal Database from Twins' Biometric Traits ", 21st Iranian Conference on Electrical Engineering, ICEE2013,, May 2013
- 69 Samaneh Taghvatalab, Karim Faez, ", " A New Method in Automatic Segmentation of Masses in Sonographic Breast Images ", of 21st Iranian Conference on Electrical Engineering, ICEE2013, May 2013
- 70 Vahid Olyaei, Karim Faez, "Heat Sound in Identity Verification Based on Mel-Scaled Wavelet Transform and Dynamic Time Warping ", The 5th Conference on Information and Knowledge Technology, IKT2013, May 2013
- 71 Mahdi Seyfipoor, Karim Faez, Mojtaba Shirazi, "Adaptive Kernel-Based Object Tracking with Robust Appearance Model Using Particle Filter, ", The 5th Conference on Information and Knowledge Technology, IKT2013, May 2013
- 72 Zahra Rafinezhad, Karim Faez, "Steganalysis of JPEG Images using Blocking Method and Two Stages Features Extraction ", the First Iranian Conference on Pattern Recognition & Image Analysis, PRIA2013, March 2013
- 73 Hoda Maroof, Karim Faez, Naeimeh Maroof, "Age Independent Face Recognition Based on Local Features Extraction and Gabor Filter ", the First Iranian Conference on Pattern Recognition & Image Analysis, PRIA2013, March 2013
- 74 Leila Omrani, Karim Faez, "A New Image Steganalysis Method Using Block Based Optimal Wavelet Packet Decomposition," ", of the First Iranian Conference on Pattern Recognition & Image Analysis, PRIA2013, March 2013
- 75 Maryam Motevalizadeh, Karim Faez, ", " Ranking of Healthiness of Hand Made Maps of Carpets ", of the First Iranian Conference on Pattern Recognition & Image Analysis, PRIA2013, March 7-9, 2013, March 2013
- 76 Reza Serajeh, Karim Faez, Amir Ebrahim Ghahnavieh, ", " Robust Multiple Human Tracking Using Particle Swarm Optimization and the Kalman Filter on Full Occlusion Conditions ", of the First Iranian Conference on Pattern Recognition & Image Analysis, PRIA2013, March 2013
- 77 Faramarz Zabihi, Karim Faez, Mir Saeed Hosseini, "Using 4-Countries Algorithm For Determining the Weights of Multi-Layer Perceptron ", 18th National CSI Computer Conference, CSI2013, March 2013
- 78 Ali Moeini, Karim Faez, "Determination of Head Pose with Respect to a Static Camera with a 3D Restricted Model ", 18th National CSI Computer Conference, CSI2013,, March 2013
- 79 Zahra Honarpisheh, Karim Faez, "Biometric Identification by the Extraction and Analysis of Nonlinear Features of Dorsal Hand Vein ", 18th National CSI Computer Conference, CSI2013, March 2013
- 80 Ebrahim Jelvehfard, Karim Faez, Mohammad Soleimanipoury, "A New Method for Detecting Breast Cancer Using 2D Wavelet Transformation ", 18th National CSI Computer Conference, CSI2013, March 2013
- 81 Reza Serajeh, Karim Faez, "Multiple Non-Rigid Object Tracking Using Fast Particle Swarm Optimization ", 11th Iranian Conference on Intelligent Systems, ICIS2013, February 2013
- 82 Zahra Sadat Shayatmadar, Karim Faez, "Finger-Knuckle-Print Recognition Performance Improvement via Multi-Instance Fusion at the score Level ", 11th Iranian Conference on Intelligent Systems, ICIS2013, February 2013
- 83 Samaneh Taghvatalab, Karim Faez, "Automatic Segmentation of Breast Lesions in Ultrasound Images Using Neutrosophic and FPCM Methods ", 11th Iranian Conference on Intelligent Systems, ICIS2013, February 2013
- 84 Mohammad Soleimanipoury, Karim Faez, Ebrahim Jelvehfard, "A Direct Parallel Perceptron Neural Network with Connective Functions and Non-Iterative Computations ", 11th Iranian Conference on Intelligent Systems, ICIS2013, February 2013

- 85 Ali Moeini, Karim Faez, "Head Pose Estimation by 3D Constrained Local Model ", 11th Iranian Conference on Intelligent Systems, February 2013
- 86 Zahra Rafinezhad, Karim Faez, "Estimating PQ Algorithm Message Length Using First- and Second- order Statistics, ", Digital Image Computing: Techniques and Applications conference, DICTA2012, December 2012
- 87 Zahra Honarposheh, Karim Faez, "The Process of Identification by Clustering the Dorsal Hand Vein Patterns Using the Firefly Algorithm ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 88 Zahra Honarposheh, Karim Faez, Parirokh Rahmati, Ebrahim Parcham, "The Method of Extraction and Analysis of Nonlinear Features for Face Recognition ", The 6-th Data Mining Conference, IDMC2012,, December 2012
- 89 Roya Aramesh, Karim Faez, Mona Heidari, Razieh Akhavan, "The Image Content Classification Using Support Vector Machine and Nonlinear Characteristics Analysis ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 90 Somayeh Khaleghi, Karim Faez, Shima Bolboli, "Offering a Model for Prediction on Large Volume of Data ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 91 Karim Faez, Nasim Borzue, "Human Identification by Retina Using Nonlinear Features of Eye Vessels ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 92 Seyede Leila Omrani, Karim Faez, "JPEG Image Steganalysis Using Block-Based Optimal Wavelet Packet Decomposition, ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 93 Karim Faez, Nasim Borzue, "Human Identification and Extraction of Medical Records Using Density-Based Clustering and Fuzzy Logic ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 94 Roya Aramesh, Karim Faez, Mona Heidari , Razieh Akhavan, "Face Recognition Using Neural Networks Based on Local Binary Patterns ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 95 Maryam Nasiri, Karim Faez, Mahboubeh Yaqubi, "Application Method for the Isolation of Fetal Electrocardiogram Signals from by ANFIS Structure ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 96 Manijeh Soleimani, Karim Faez, "A Review of Content Based Image Retrieval Using Data Mining Method ", Proceedings of the 6-th Data Mining Conference, IDMC2012, Tehran, Iran, December 2012
- 97 Sara Mahdi, Karim Faez, Atena Sajedin, "A Neural Based RealTime Face Recognition Method Using CMUCAM ", The 6-th Data Mining Conference, IDMC2012, December 2012
- 98 Daniyad Aghsanavard, Karim Faez, "A Hybrid Clustering-Based Particle Swarm Optimization and Firefly Algorithm ", Proceedings of the 6-th Data Mining Conference, IDMC2012, December 2012
- 99 Somayeh Khaleghi, Karim Faez, Shima Bolboli, ", " Web Content Clustering with Fuzzy Method ", The 6-th Data Mining Conference, December 2012
- 100 Leila Omrani, Karim Faez, "Universal JPEG Steganalysis Based on Special Frequency Regions from Wavelet Transform ", Sixth International Symposium on Telecommunications with Emphasis on Information & Communication Technology, IST2012, November 2012
- 101 Leila Omrani, Karim Faez, "JPEG Image Steganalysis Using Block Based Optimal Wavelet Packet Decomposition ", Sixth International Symposium on Telecommunications with Emphasis on Information & Communication Technology, IST2012, November 2012
- 102 Behruz Mahmoudzadeh, Karim Faez, "HCTT&R: A Complete Scheme for Object Tracking and Recovery of Lost Objects in Cluster-Based Wireless Sensor Networks ", Sixth International Symposium on Telecommunications with Emphasis on Information & Communication Technology, IST2012, November 2012
- 103 Majid Ziaratban, Karim Faez, Fatemeh Bagheri, "Content-Independent Farsi Font Recognition Based on Dynamic Most-Frequent Connected Components ", of International Conference on Pattern Recognition, ICPR2012, November 2012
- 104 Zahra Rafinezhad, Karim Faez, "Estimation of Message Length of PQ Algorithm Using the First and Second Order Statistics, ", 9th International ISC Conference on Information Security and Cryptography, ISCISC2012, September 2012

- 105 Seyed Mahdi Jameii, Arash Nikdel, Karim Faez, "An Intelligent Topology Control Protocol for Wireless Sensor Networks, ", the Seventh International Conference on Computer Science and Education, ICCSE2012, July 2012
- 106 Mohammad Sadegh Salahshoor Mottaghi, Karim Faez, "3D face recognition using an expression insensitive dynamic mask ", International Conference on Image and Signal Processing, June 2012
- 107 Ali Bazmi, Karim Faez, "Increasing Accuracy of Recognition and Segmentation of Moving Vehicles in Dynamic Backgrounds Using a New Block Based Algorithm ", 20th Iranian Conference on Electrical Engineering, ICEE2012, May 2012
- 108 Reza Khakpour, Karim Faez, "Image Noise Removal Using a Method Based on Fuzzy Neural Network and Cellular Automata ", The 20th Iranian Conference on Electrical Engineering, ICEE2012, May 2012
- 109 Zeinab Shokoohi, Karim Faez, Ebrahim Parcham, Zahra Honarpisheh, "Extraction and Analysis of Non-Linear Features for Face Recognition, ", The 20th Iranian Conference on Electrical Engineering, ICEE2012, May 2012
- 110 Samira Bahobj Ghodsi, Karim Faez, "A Novel Approach for Matching of Dental Radiograph Image Using Zernike Moment, ", of IEEE International Conference on Computer Science and Automation Engineering, CSAE2012, May 2012
- 111 Seyed Masoud Mirrezaei, Karim Faez, Shahram Yousefi, "Absorbing Sets of Fountain Codes Over Noisy Channels ", 2012 26th Biennial Symposium On Communications, QBSC, May 2012
- 112 Akhtar Hazrati, Karim Faez, Tayebeh Taheri, Parham Hazrati, "Multi-scale Local Average Binary Pattern Based Genetic Algorithm (MLABPG) for Face Recognition ", the International Conference on Contemporary Issues in Computer and Information Science, CICS2012, May 2012
- 113 Babak Namazi, Karim Faez, "A power-aware Multi-Constrained Routing Protocol for Wireless Multimedia Sensor Networks ", the International Conference on Contemporary Issues in Computer and Information Science, CICS2012, May 2012
- 114 Einolah Hatami, Karim Faez, "A New Method for Automatic Language Identification in Trilingual Documents of Arabic, English, and Chinese with Different Fonts ", the International Conference on Contemporary Issues in Computer and Information Science, CICS2012, May 2012
- 115 Behruz Mahmoudzadeh, Karim Faez, "A Complex Scheme for Target Tracking and Recovery of Lost Target in Cluster-Based Wireless Sensor Networks ", the International Conference on Contemporary Issues in Computer and Information Science, CICS2012, May 2012
- 116 Saeed Jamali, Karim Faez, "Introducing and Application of TAQ Algorithm in Design of Agents to Use in the Two Ways Bargaining ", 17th CSI Computer Conference, CSICC2012, March 2012
- 117 Akhtar Hazrati Bishak, Karim Faez, Morteza Hazrati Bishak, "Face Recognition System Using a Combinational Method of Local Binary Patterns Based on Genetic Algorithm ", 17th CSI Computer Conference, CSICC2012, March 2012
- 118 Arash Asefnezhad, Karim Faez, "Automatic Logo Extraction Using Segmentation of Hierarchical Structure Images in Vertical and Horizontal Directions and Extension of Features in Four Corners ", 17th CSI Computer Conference, CSICC2012, March 2012
- 119 Samira Bahobj, Karim Faez, Fariborz Mahmoudi, "A New Method for Matching of Teeth Radiomraghy Images Using Zernike Moments and Teeth Contour Lines ", 17th CSI Computer Conference, CSICC2012, March 2012
- 120 Hadi Yousefi Ramandi, Karim Faez, Mohammad Hadi Ardekani, "A Novel Approach of Skew Estimation and Correction in Persian Manuscript Text Using Random Transform ", 2012 IEEE Symposium on Computers and Informatics, ISCI2012, March 2012
- 121 Saeed Jamali, Karim Faez, "Applying SAQ-Learning Algorithm for Trading Agents in Bilateral Bargaining, ", 2012 14th International Conference on Modeling and Simulation, March 2012
- 122 Maryam Nasiri, Karim Faez, "Extracting Fetal Electrocardiogram Signal Using ANFIS Trained by Genetic Algorithm ", International Conference on Biomedical Engineering, ICOBE2012, February 2012
- 123 Tahereh Hassanzadeh, Karim Faez, "A Speech Recognition System Based on Structure Equivalent Fuzzy Neural Network Trained by Firefly Algorithm ", International Conference on Biomedical Engineering, ICOBE2012, February 2012

- 124 Mohammad Taqi Javadi, Karim Faez, "Finding Suspicious Masses of Breast Cancer in Mammography Images Using Particle Swarm Algorithm and its Classification Using Fuzzy Methods, ", International Conference on Computer Communication and Informatics (ICCCI -),, January 2012
- 125 Mohammad Rismanbor, Karim Faez, "Detecting Pedestrian by Using Dominant Color and Neural Network, ", International Conference on Computational Intelligence and Software Engineering, CISE2011, December 2011
- 126 Samaneh Taghvatalab, Karim Faez, Masoud Rahmani, "Evaluation and comparison of data mining algorithms in the diagnosis of Parkinsons disease ", The Fifth Iran Data Mining Conference, December 2011
- 127 Samaneh Taghvatalab, Karim Faez, Masoud Rahmani, "Evaluation and Comparision of Data Mining Algorithms in the Diagnosis of Parkinsons Disease ", The Fifth Iran Data Mining Algorithm, IDMC2011, December 2011
- 128 Mohammad Rismanbor, Karim Faez, "A Multiple Target Detection Algorithm Based On Imperialistic Competitive Algorithm ", 9th IEEE International Conference on Control and Automation, ICCA2011, December 2011
- 129 Fatemwh Pak, Karim Faez, "Iris Recognition Based on Wavelet Transform and Co-occurrence Matrix Using Probabilistic Neural Network ", Iranian Conference on Machine Vision and Image Processing, MVIP2011, November 2011
- 130 Sara Motamed, Mahboubeh Yaqubi, Karim Faez, "Improving Performance of People Recognition Using the Combination of Electrocardiogram Signals and the Palm Biometrics ", Iranian Conference on Machine Vision and Image Processing, MVIP2011, November 2011
- 131 Maryam Nasiri, Karim Faez, Ali Motie Nasrabadi, "A New Method for Extraction of Fetal Electrocardiogram Signal Based on Adaptive Nero-Fuzzy Inference System ", 2011 IEEE International Conference on Signal and Image Processing Application, ICSIPA2011, November 2011
- 132 Zahra Sadat Shayatmadar, Karim Faez, "An Efficient Method for Finger-Knuckle-Print Recognition Based on Information Fusion ", International Conference on Signal and Image Processing Applications, November 2011
- 133 Zahra Sadat Shayatmadar, Karim Faez, "An Efficient Method for Finger-Knuckle-Print Recognition by Using the Information Fusion at different Levels ", International Conference on Hand-Based Biometrics, November 2011
- 134 Zahra Sadat Shayatmadar, Karim Faez, "A Novel Approach for Finger-Knuckle-Print Recognition Based on Gabor Feature Fusion ", 4th International Congress on Image and Signal Processing, CISP2011,, October 2011
- 135 Maryam Alipour, Karim Faez, "On Design of Mobile Agent Routing Algorithm for Information Gain Maximization in Wireless Sensor Network ", The Sixth International Conference on Systems and Networks Communications, ICSNC2011, October 2011
- 136 M. Khanjari, Karim Faez, Mohammad Reza Meybodi, Masoud Sabaei, "Persian Gulf: An Autonomous Combined Traffic Signal Controller and Route Guidance System ", 2011 IEEE Vehicular Technology Conference, VTC2011, September 2011
- 137 Kambiz Rahbar, Karim Faez, "Blind Correction of Lens Aberration Using Zernike Moments ", IEEE International Conference on Image Processing, ICIP2011, September 2011
- 138 Amir Panah, Karim Faez, "Hybrid Filter Based Simultaneous Localization and Mapping for a Mobile Robot ", 16th InternationalConference on ImageAnalysis and Processing, September 2011
- 139 Ali Abedi, Karim Faez, "Localization of Digit Strings in Farsi/Arabic Document Images Using Structural Features and Syntactical Analysis ", International Conference on Document Analysis and Recognition,, September 2011
- 140 Ali Abedi, Karim Faez, Ali Cheragian, Hamidreza Dastmalchi, "Gait Identification Using a Novel Gait Representation: Radon Transform of Mean Gait Energy Image ", Iberian Conference on Pattern Recognition and Image Analysis IBPRIA2011, June 2011
- 141 Mehran Javani, Karim Faez, Davood Aghlmandi, "Clustering and Feature Selection via PSO Algorithm ", the 2011 symposium on Artificial Intelligence and Signal Processing (AISP2011), June 2011
- 142 Dawood Aghlmandi, Karim Faez, Sayedeh Maryam Khoddami, "Presenting a new approacglottis using the Hough h for automatic segmentation of video stroboscopic images of Transform ", the Advanced Information and Communications Technology, June 2011

- 143 Hamidreza Dastmalchi, Karim Faez, "Steganalysis of LSB Matching Based on the Statistical Analysis of Empirical Matrix ", International Conference on Image Analysis and Recognition, June 2011
- 144 Farhad Bagheroskouei, Karim Faez, "Gender Classification Using a Novel Gait Template: Radon Transform of Mean Gait Energy Image ", International Conference on Image Analysis and Recognition, June 2011
- 145 Mohammad Khanjary, Karim Faez, Mohammad Reza Meybodi, Masoud Sabaei, "Shortest Paths in Synchronized Traffic-Light Networks ", 24th Canadian Conference on Electrical and Computer Engineering, May 2011
- 146 Arman Sargolzaei, Karim Faez, Saman Sargolzaei, "A New Method for Foetal Electrocardiogram Extraction Using Adaptive Nero-Fuzzy Interference System Trained with PSO Algorithm, ", IEEE International Conference on Electro/Information Technology,EIT2011, May 2011
- 147 S. M. Jamei, Karim Faez, "A Clustering Method based on Mimetic Algorithm for Wireless Sensor Network ", 19-th Iranian Conference on Electrical Engineering, May 2011
- 148 Amir Panah, Karim Faez, "Simultaneous Improved Localization and Mapping for a Mobile Robot Using Trackless Kalman Filter and Radial Basis Function Neural Network ", 19th Iranian Conference on Electrical Engineering, May 2011
- 149 Ali Cheragian, Karim Faez, Hamidreza Dastmalchi, Farhad Bagheroskouei, "An Efficient Multimodal Face Recognition Method Robust to Pose Variation ", 2011 IEEE Symposium on Computers & Informatics, March 2011
- 150 Seyed Mehdi Jamei, Karim Faez, Mohammad Reza Meybodi, "Proposing a Distributed Energy-Aware Routing Protocol for Wireless Sensor Networks ", Proceedings of Fourth Iran Data Mining Conference, IDMC2010, December 2010
- 151 Seyyed Yahya Nabavi , Karim Faez, "The Improved Method of Adaptive Frequency for Multi-sink Queries in Wireless Sensor Networks ", 2010 IEEE Asia-Pacific Services Computing Conference (APSCC),, December 2010
- 152 Mehrad Eslami, Karim Faez, "Automatic traffic monitoring using neural networks from satellite images ", 2010 11th International Conference on Control Automation Robotics & Vision (ICARCV),, December 2010
- 153 Fattaneh Taheri Ashtyani, Karim Faez, "A method for the segmentation of connected handwritten Persian digits ", 2010 11th International Conference on Control Automation Robotics & Vision (ICARCV),, December 2010
- 154 Shirin Khezri, Karim Faez, "Modified Discrete Binary PSO Based Sensor Placement in WSN Networks ", 2010 International Conference on Computational Intelligence and Communication Networks, November 2010
- 155 Masoumeh Khodaei, Karim Faez, "Block-Based Reversible Data Hiding by Using a Difference expansion, ", 6th Iranian Conference on Machine Vision and Image Processing MVIP2010, October 2010
- 156 Hadi Nabaei, Karim Faez, "A Safe Steganography Based on Similarity of Data and Hiding Capacity ", 6th Iranian Conference on Machine Vision and Image Processing MVIP2010, October 2010
- 157 M. Kamali Nezhad, Karim Faez, "A New Method for Correcting the Check Circulation and Deleting Its Background For Automation System of Farsi Checks ", 6th Iranian Conference on Machine Vision and Image Processing, MVIP2010, October 2010
- 158 Karim Faez, "Histogram-Based Reversible Data Hiding ", The 2010 Pacific-Rim Conference on Multimedia (PCM 2010), September 2010
- 159 Saeed Faridnia, Karim Faez, "Image Encryption Through Using Chaotic Function and Graph ", International Conference on Computer Vision and Graphics, ICCVG2010, September 2010
- 160 Karim Faez, "Automatic Traffic Monitoring from Satellite Images Using Artificial Immune System ", Structural and Syntactic Pattern Recognition (SSPR 2010) and Statistical Techniques in Pattern Recognition (SPR 2010), August 2010
- 161 Karim Faez, "The Application of a CICA Neural Network on Farsi License Plates Recognition, ", -10th International Conference on Hybrid Intelligent Systems, HIS2010, August 2010
- 162 Majid Ziaratban, Karim Faez, "An Adaptive Script-Independent Block-Based Text Line Extraction ", ICPR 2010, August 2010

- 163 Mehdi Ezoji, Karim Faez, "Diffusion-Based Face Selective Smoothing in DCT Domain to Illumination Invariant Face Recognition ", ICPR2010, August 2010
- 164 Karim Faez, "Reversible Data Hiding By Using Modified Difference Expansion ", , July 2010
- 165 Karim Faez, "Adaptive Imperialist Competitive Algorithm (AICA) ", The 9-th IEEE International Conference on Cognitive Informatics, ICCI2010, July 2010
- 166 Karim Faez, "Image Hiding by Using Genetic Algorithm and LSB Substitution ", International Conference on Image and Signal Processing 2010, June 2010
- 167 Karim Faez, "Multimodal Biometric System Using Face, Ear and Gait Biometrics ", -10th International Conference on Information Sciences Signal Processing and their Applications, ISSPA201, May 2010
- 168 Karim Faez, "Neural Network Learning Based on Chaotic Imperialist Competitive Algorithm ", 2nd Workshop on Intelligent Systems and Applications, ISA2010, May 2010
- 169 Karim Faez, "Automatic Traffic Monitoring Using Satellite Images ", the 2nd International Conference on Computer Engineering and Technology (ICCET 2010),, April 2010
- 170 Karim Faez, "A Novel Method for Multi-Level Image Thresholding Using Particle Swarm Optimization Algorithms ", the 2nd International Conference on Computer Engineering and Technology (ICCET 2010),, April 2010
- 171 Karim Faez, "Signal Strength Based Reliability: A Novel Routing Metric in MANETs ", The 2nd International Conference on Networks Security, Wireless Communications and Trusted Computing (NSWCTC 2010), April 2010
- 172 Zohreh Yaghoubi, Karim Faez, Morteza Eliasi, Ardan Eliasi, "Multimodal Biometric Recognition Inspired by Visual Cortex and Support Vector Machine Classifier ", International Conference on Multimedia Computing and Information Technology, March 2010
- 173 Farshid Allahverdy, Karim Faez, "Fast Image Transmission and Resolution Enhancement Based on SR and NLM Methods ", International Conference on Information Retrieval and Knowledge Management, March 2010
- 174 Karim Faez, "Imperialist Competitive Algorithm using Chaos Theory for Optimization ", 2010 12th International Conference on Computer Modelling and Simulation, March 2010
- 175 Karim Faez, "History Based Reliability: A Novel Routing Metric in Mobile Ad Hoc Networks, ", The 12th International Conference on Advanced Communication Technology (ICACT), 2010, February 2010
- 176 Karim Faez, "A Non-Location Aware Version of Modified LEACH Algorithm Based on Residual Energy and Number of Neighbors ", The 12th International Conference on Advanced Communication Technology (ICACT), 2010, February 2010
- 177 Mohammad Rahnema Hedayat, Karim Faez, "An Optimized System for Image Detection for Classification of Images ", 15th National CSI Computer Conference, February 2010
- 178 Sayed Yahya Nabavi, Karim Faez, "An Optimized Common Sources Method for query multi Sink Wireless Sensor Networks ", 15th National CSI Computer Conference, February 2010
- 179 Morteza Haji Abbasi, Karim Faez, Sayed Mohammad Taghi Javadi, "Gen Selection and Classification of Cancer Cells Using a Support Vector Machine (SVM) and Extended Genetic Algorithm ", 15th National CSI Computer Conference, February 2010
- 180 Karim Faez, "CHEFC: Cluster Head Election with Full Coverage in Wireless Sensor Networks ", International Conference on Communications (MICC), 2009 IEEE 9th Malaysia, December 2009
- 181 Karim Faez, Masoud Sabaei, "Position Based Routing Protocol with more Reliability in Mobile Ad-Hoc Network ", , November 2009
- 182 Karim Faez, "Writer Identification Using Super Paramagnetic Clustering and Spatio Temporal Neural Network ", , November 2009
- 183 Karim Faez, "A New Steganography Based on X2 Technique ", , November 2009

- 184 Jamal Saeedi, Karim Faez, [en-name N/A], "Multi-Focus Image Fusion Based on Fuzzy and Wavelet Transform " , , November 2009
- 185 Nastaran Nikooinejad, Hamidreza Amindavar, Karim Faez, "Texture segmentation via statistical wavlet transform modeling " , , November 2009
- 186 Mona Hajimomeni, Hamidreza Amindavar, Karim Faez, "Ariational bayesian style classification for typographical persian text using gabor features " , , November 2009
- 187 Saman Sargolzaei, Karim Faez, "A New Robust Wavelet Based Algorithm for Baseline Wandering Cancellation in ECG Signals " , International Conference on Signal and Image Processing Application, November 2009
- 188 Jamal Saeedi, Karim Faez, "Fisher classifier and fuzzy logic based multi focus image fusion " , , November 2009
- 189 Jamal Saeedi, Karim Faez, "Fisher Classifier and Fuzzy Logic Based Multi-Focus Image Fision " , , November 2009
- 190 Jamal Saeedi, Karim Faez, [en-name N/A], "The new segmentation and fuzzy logic based multi sensor image fusion " , , November 2009
- 191 Karim Faez, "Face recognition using HMAX method for feature ectraction " , , November 2009
- 192 Ali Abedi, Karim Faez, [en-name N/A], "Detecting and recognizsing numerical strings in farsi document images " , , November 2009
- 193 Farshid Allahverdy, Karim Faez, "Resolution enhancement through ROI selection method " , , November 2009
- 194 Ali Abedi, Karim Faez, "Extraction of Numerical Strings in Farsi/Arabic Documents Using Structural Features " , PACIIA2009, November 2009
- 195 Karim Faez, "UTOSPF with Waiting Times for Green Light Consideration " , , October 2009
- 196 Karim Faez, "Normalizing human ear in proportion to size and rotation " , , September 2009
- 197 Karim Faez, "Automatic music trancription based on wavelet transform " , , September 2009
- 198 Majid Ziaratban, Karim Faez, "FHT An unconstraint farsi handwritten text database " , , July 2009
- 199 Karim Faez, "Survivable qos routing protocols in vireless sensor network based on SPEED " , , May 2009
- 200 Mohammad Reza Raeisinia, Hassan Aghaeinia, Karim Faez, "Steganalysis of perturbed quantization PQ steganography based on markov chain model " , , May 2009
- 201 Mohammadreza Pourfard, Karim Faez, Mohammadjavad Abdollahifard, "Optimization of the active contour snaxels for human gait tracking " , , May 2009
- 202 Mohammadjavad Abdollahifard, Karim Faez, "Fast stereo matching using two stage color based segmentation and dynamic programming " , , May 2009
- 203 [en-name N/A], [en-name N/A], Karim Faez, "Energy-Efficient SPEED Routing Protocol for Wireless Sensor Networks " , , May 2009
- 204 Karim Faez, Sajjad Taghvaei, "Using Toe off impulse to control chaos in the simplest walking model via artificial neural network " , , May 2009
- 205 Mohammadreza Pourfard, Karim Faez, Mohammadjavad Abdollahifard, "Optimization of the Active Contour Snaxels for Human Gait Tracking " , 6th International Symposium on Mechatronics and its Applications, 2009. ISMA 09, March 2009
- 206 Mohammadreza Pourfard, Karim Faez, Mohammadjavad Abdollahifard, "Increasing the Accuracy and Speed of Snake Algorithm Through Statistical Approach " , 6th International Symposium on Mechatronics and its Applications, 2009. ISMA 09, March 2009
- 207 Karim Faez, "Incrasing the speed of model based detection and tracking through wavelet transform " , , March 2009

- 208 Mohammadjavad Abdollahifard, Mohammadreza Pourfard, Karim Faez, "Fast stereo matching using two stage color-based segmentation and dynamic programming ", 6th International Symposium on Mechatronics and its Applications, 2009. ISMA 09, March 2009
- 209 [en-name N/A], Karim Faez, "A fault tolerant method for residue arithmetic circuits ", , February 2009
- 210 Karim Faez, "LELE leader election with load balancing energy in wireless sensor network ", , January 2009
- 211 Majid Ziaratban, Karim Faez, "A Novel Two-Stage Algorithm for Baseline Estimation and Correction in Farsi and Arabic Handwritten Text Line ", , December 2008
- 212 Seyed Masoud Mirrezaei, Karim Faez, "A particle swarm optimization based approach to speaker segmentation based on independent component analysis on GSM digital speech ", , December 2008
- 213 Ali Rezvanyzadeh, Karim Faez, "A two pass method to impulse noise reduction from digital images based on neural networks ", , December 2008
- 214 [en-name N/A], Karim Faez, "Modified reverse AODV routing algorithm using route stability in mobile Ad Hoc networks ", , December 2008
- 215 [en-name N/A], Karim Faez, "Hybrid Face Detection System with Robust Face and Non-Face Discriminability ", , November 2008
- 216 Karim Faez, "UTOSPF a distributed dynamic route guidance system based on wireless sensor networks and open shortest path first protocol ", , October 2008
- 217 Abdorasoul Ghasemi, Karim Faez, "A nash power aware MAC game for Ad Hoc wireless networks ", , September 2008
- 218 [en-name N/A], Hassan Aghaeinia, Karim Faez, "Steganalysis of LSB Matching Based on Coocurrence Matrix and Removing Most Significant Bit Planes ", , August 2008
- 219 Majid Ziaratban, Karim Faez, "Novel statistical description for the structure of main body of isolated farsi arabic handwritten characters ", , August 2008
- 220 [en-name N/A], Karim Faez, "IfN Farsi Database A database of farsi handwritten city names ", , August 2008
- 221 Mojtaba Abolhassani, Hassan Aghaeinia, Karim Faez, Mohammad Ali Mehrabi Basharabadi, "LSB data hiding detection based on gray level co occurrence matrix GLCM ", , August 2008
- 222 Karim Faez, "fingerprint verification HMAX model and SVM classification ", , May 2008
- 223 Karim Faez, "concurrent error detection residue circuits by using time redundancy ", , May 2008
- 224 Karim Faez, "Ear recognition using features inspired by visual cotex and support vector machine technique ", , May 2008
- 225 Mir Hashem MÓUsavi Mehmanduosti, Karim Faez, Amin Asghari, "Three dimensional face recognition using SVM classifier ", , May 2008
- 226 Mir Hashem MÓUsavi Mehmanduosti, Amin Asghari, Karim Faez, "Three Dimensional Face Recognition Using SVM Classifier ", , May 2008
- 227 Pejman Mowlae Beikzadeh Mahaleh, Abolghasam Saiadian, Karim Faez, "Mixed type audio classification using sinusoidal parameters ", , May 2008
- 228 Sepehr Attarchi, Karim Faez, Amin Asghari, "A fast and accurate iris recognition method usig the complex inversion map and 2DPCA ", , May 2008
- 229 Sepehr Attarchi, Karim Faez, Amin Asghari, "A fast and accurate personal identification method based on human iris analysis ", , April 2008
- 230 Sepehr Attarchi, Karim Faez, "A fast and accurate personal identification method based on human iris analysis ", , April 2008

- 231 Alireza Djabbarian Pazikoie, Karim Faez, Hadi Safdarkhani, "Adress light, label based and energy aware routing protocol in wireless sensor network " , , March 2008
- 232 Pejman Mowlae Beikzadeh Mahaleh, Mahsa Rashidi, Karim Faez, Abolghasam Saadian, "A new SVM based mix audio classification " , , March 2008
- 233 Saman Sargolzaei, Karim Faez, "signal processing based techniques for fetal electrocardiogram extraction " , , January 2008
- 234 Ali Ziaei, Hojatollah Yeganeh, Karim Faez, "A novel approach for contrast enhancement in biomedical images based on histogram equalization " , , January 2008
- 235 Sepehr Attarchi, Karim Faez, Mir Hashem MÓUsavi Mehmanduosti, "A new segmentation method for iris recognition using the copmlex inversion map and best fitting curve " , , January 2008
- 236 Sepehr Attarchi, Seyed Masoud Nosrati, Karim Faez, "A new ear recognition approach for personal identification " , , January 2008
- 237 Seyed Masoud Nosrati, Karim Faez, Saman Sargolzaei, "Using gabor filters and pulse- coupled neural network for persomal verification based on 2D EAR structure " , , December 2007
- 238 Saman Sargolzaei, Karim Faez, Hamed Bagheri, [en-name N/A], Seyed Masoud Nosrati, "Feature extraction based on improved PCA using LDA and face recognition using artificial neural networks " , , December 2007
- 239 Seyed Masoud Nosrati, Karim Faez, Farhad Faradji, "Using 2D wavelet and principal component analysis for personal identification based on 2D ear structure " , , November 2007
- 240 Farhad Faradji, Karim Faez, Seyed Masoud Nosrati, "Online farsi handwritten words recognition using a combination of 3 cascaded RBF neural networks " , , November 2007
- 241 Farhad Faradji, Karim Faez, Mir Hashem MÓUsavi Mehmanduosti, "An HMM- based online recognition system for farsi handwritten words " , , November 2007
- 242 Farhad Faradji, Karim Faez, Mir Hashem MÓUsavi Mehmanduosti, "Online farsi handwritten words recognition using hidden markov models " , , September 2007
- 243 Majid Ziaratban, Karim Faez, "Use of legal amount to confirm or correct the courtesy amount on farsi bank " , , September 2007
- 244 [en-name N/A], Karim Faez, "Strategies for large handwritten farsi/ arabic lexicon reduction " , , September 2007
- 245 Majid Ziaratban, Karim Faez, "Language- based feature extraction using template matching in farsi/ arabic handwritten numeral recognition " , , September 2007
- 246 Hamidreza Rashidy Kanan, Karim Faez, "GA based optimal selection of PZMI features for face recognition " , , August 2007
- 247 Hamidreza Rashidy Kanan, Karim Faez, "An improved feature selection method based on ant colony optimization ACO evaluation on face recognition system " , , August 2007
- 248 Mahdi Sargolzaye, Karim Faez, "Prddicting THC amount of Air using Artificial neural network " , , August 2007
- 249 Mohammad Ali Mehrabi Basharabadi, Karim Faez, Alireza Bayesteh Tashk, "Image steganalysis based on statistical moments of wavelet subband histograms in different frequencies and support vector machine " , , August 2007
- 250 Alireza Bayesteh Tashk, Karim Faez, "Boosted bayesian kernel classifier method for face detection " , , August 2007
- 251 Hamidreza Rashidy Kanan, Karim Faez, "Feature selection using ant colony optimization ACO " , , July 2007
- 252 Abdorasoul Ghasemi, Karim Faez, "Opportunistic power control for wireless Ad hoc networks " , , May 2007
- 253 Abdorasoul Ghasemi, Karim Faez, "Power- avare MAC for multiHop wireless networks: A cross Layer Approach " , , May 2007
- 254 Mohsen Taherianeh, Karim Faez, "Maximume power point estimation for photovoltaic systems using neural networks " , , May 2007

- 255 Hamidreza Rashidy Kanan, Karim Faez, Mehdi Ezoji, "Face recognition system using ant colony optimization- based selected features " , , April 2007
- 256 Saeed Khoshfetrat, Karim Faez, Seyed Masoud Nosrati, "A face detection framework based on selected face components " , , April 2007
- 257 Mohammad Nazari, Karim Faez, "Speaker detection and clustering with SVM technique in persian conversational speech " , , March 2007
- 258 Farhad Faradji, Karim Faez, [en-name N/A], "Gray level texture classification by fractal domain features " , , March 2007
- 259 Seyed Omid Sadjadi, Oldooz Hazrati Yadkoori, Karim Faez, "Gender clustering improvement for speaker adation using LDA " , , March 2007
- 260 [en-name N/A], Karim Faez, "Developing a method for segmenting palmprint into region- of interest " , , March 2007
- 261 [en-name N/A], Hassan Aghaeinia, Karim Faez, "Data hiding detection based on DWT and Zernike moments " , , March 2007
- 262 [en-name N/A], Karim Faez, [en-name N/A], "An effecient online signature verification system using one dimensional fractal coder " , , March 2007
- 263 [en-name N/A], Karim Faez, "Developing a method for segmenting palmprint into region- of - interest " , , February 2007
- 264 Seyyed.Rouhollah Alaui, Karim Faez, "Fault localization and full error correction in radix2 signed digit- based address " , , January 2007
- 265 [en-name N/A], Karim Faez, "Application on fractal theory for on line and off- line digit recognition " , , January 2007
- 266 Saeed Khoshfetrat, Karim Faez, "Face Detection Based on Central Geometrical Moments of Face Components " , , October 2006
- 267 Farshid Hajati, Karim Faez, "An efficient method for Face Localization and Recognition in Color Images " , , October 2006
- 268 Karim Faez, [en-name N/A], "A Performance Comparison of the ZM, PZM and LM in the Face Recognition System in Presence of Salt-pepper Noise " , , October 2006
- 269 [en-name N/A], Karim Faez, [en-name N/A], [en-name N/A], "An Intelligent MLFQ Scheduling Algorithm (IMLFQ) With Fault Tolerant Mechanism " , , October 2006
- 270 [en-name N/A], Karim Faez, Farhad Faradji, Majid Ziaratban, "A comprehensive isolated farsi/ arabic character database for handwritten OCR research " , , October 2006
- 271 Abdorasoul Ghasemi, Karim Faez, Mehdi Dehghan Takht Fooladi, "A new pricing function for power control game in wireless data networks " , , September 2006
- 272 [en-name N/A], Karim Faez, Farhad Faradji, "One dimensional fractal coder for online signature recognition " , , August 2006
- 273 Hamidreza Rashidy Kanan, Karim Faez, Mehdi Ezoji, "An efficient face recognition system using a new optimized localization method " , , August 2006
- 274 Matin Meshkin, Karim Faez, Hossein Askarian Abyaneh, "Application of Cascade Correlation Neural Network in Modeling of Over-current Relay Characteristics " , , March 2006
- 275 Hamidreza Rashidy Kanan, Karim Faez, "ZMI and mavelet transform features and SVM classifier in the optimized face recognition system " , , December 2005
- 276 Shahpoor Alirezaee, Karim Faez, Hamidreza Rashidy Kanan, Hassan Aghaeinia, "A New Entropy-Based Algorithm for Face Localization " , , December 2005
- 277 Hamidreza Rashidy Kanan, Karim Faez, "PZMI And Wavelet Transform Features In Face Recognition System Using A New Localization Method " , , November 2005

- 278 Shahpoor Alirezaee, Majid Ahmadi, Hassan Aghaeinia, Karim Faez, "An Efficient Restoration Algorithm for the Historic Middle Age Persian (Pahlavi) Manuscript " , , October 2005
- 279 Shahpoor Alirezaee, Hassan Aghaeinia, Majid Ahmadi, Karim Faez, "A Weighted Pseudo-Zernike Feature Extractor for Face, Recognition " , , October 2005
- 280 Abdorasoul Ghasemi, Karim Faez, "A New Off-line Algorithm for Batch End-to-End LSP Set up in MPLS Networks " , , September 2005
- 281 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, Alireza Shayesteh Fard, "An Efficient Feature Extraction Method for the Middle Age Character Recognition " , , August 2005
- 282 Karim Faez, "character representation and recognition using quadtree based fractal encoding scheme " , , August 2005
- 283 Saeed Mozaffari, Karim Faez, Majid Ziaratban, "Structural Decomposition and Statistical Description of Farsi/Arabic Handwritten Numeric Characters " , , August 2005
- 284 Farhad Amery Shahrabi, Siamak Moradian, Mohammad Amani Tehran, Karim Faez, "The use of fundamental color stimulus to improve the performance of artificial neural networks color match prediction system " , , June 2005
- 285 Karim Faez, Abdorasoul Ghasemi, "classification of normal and PVC heart beats using DCT time domain features and SVM classifier " , , June 2005
- 286 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "An Efficient Preprocessing Block for the Middle-Age Persian, Manuscripts " , , May 2005
- 287 [en-name N/A], Karim Faez, Hamidreza Rashidy Kanan, "Performance Evaluation of Fractal Feature in Recognition of Postal Codes Using an RBF Neural Network and SVM Classifier " , , May 2005
- 288 Mehdi Ezoji, Karim Faez, Majid Ziaratban, "GA-Based Affine PPM Using Matrix Polar Decomposition " , , May 2005
- 289 [en-name N/A], Karim Faez, Majid Ziaratban, "A Hybrid Structural/Statistical Classifier for Handwritten Farsi/Arabic Numeral Recognition " , , May 2005
- 290 Karim Faez, "a novel ga based method for n - dimensional point pattern matching " , , March 2005
- 291 Karim Faez, "a new off - line algorithm for batch end to end LSP set up in MPLS networks " , , March 2005
- 292 [en-name N/A], Karim Faez, Hamidreza Rashidy Kanan, "Farsi/Arabic Handwritten Digit Recognition using Fractal wavelet Nearest Neighbor classifier and Eigen Image Method " , , February 2005
- 293 Hamidreza Rashidy Kanan, Karim Faez, [en-name N/A], "Face Localization using shape Information and Genetic Algorithm " , , February 2005
- 294 Hamidreza Rashidy Kanan, Karim Faez, [en-name N/A], "A New character Recognition Method Based on zernike Moment Invariant and Fractal Descriptors using RBF Neural Network classifier " , , February 2005
- 295 [en-name N/A], Karim Faez, Majid Ziaratban, "Genetic Algorithm Based n- Dimensional point pattern Matching using Matrix polar Decomposition " , , February 2005
- 296 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "Recognition of middle age persian characters using a set of invariant moments " , , November 2004
- 297 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "An Efficient selected feature set for middle Age persian character recognition " , , November 2004
- 298 [en-name N/A], Karim Faez, Hamidreza Rashidy Kanan, "Wave height prediction using cascade correlation neural " , , November 2004
- 299 Hamidreza Rashidy Kanan, Karim Faez, [en-name N/A], "Performance comparison of rbf neural network and svm classifier using zernike moments " , , November 2004
- 300 Vahideh Vakil, Karim Faez, "Performance modeling of cellular mobile systems with prioritized hand off procedures " , , October 2004




- 301 [en-name N/A], Karim Faez, Hamidreza Rashidy Kanan, "Feature comparison between Fractal codes " , , August 2004
- 302 [en-name N/A], Karim Faez, Hamidreza Rashidy Kanan, "Application of fractal codes in recognition of isocated handuritem persi / arabic characters and numercls " , , April 2004
- 303 [en-name N/A], Karim Faez, "Recognition of isoeated hand written farsi/arabic alphanumeric using fractal codes for postal code " , , March 2004
- 304 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "A morphological approach for middle persian character recognition " , , March 2004
- 305 Hamidreza Rashidy Kanan, Karim Faez, "Wave Height Forecasting Using Coscode Correlation Nearal Network . " , , February 2004
- 306 Reza Hasanzadeh Pak Rezaei, Karim Faez, "Feature Exteraction of Animal Fiber scale patterns . " , , February 2004
- 307 Mohamad Hossien Radfar, Karim Faez, Abolghasam Saiadian, "Wavelet Packet Based Features and Fuzzy ARTMAP Neural Network Classifier for Speech Classification " , , December 2003
- 308 Ali Ajdari Rad, Karim Faez, Navid Qaragozlou, "Improvement of Fast Circle Detection Algorithm Using Certainty Factors " , , December 2003
- 309 Ali Ajdari Rad, Karim Faez, Navid Qaragozlou, "Fast Circle Detection Using Gradient Pair Vectors " , , December 2003
- 310 Mohamad Hossien Radfar, Karim Faez, "An Accurate Speech Classification Based on Fuzzy ARTMAP Neural Networks and Wavelet Packet " , , December 2003
- 311 Reza Khalaj Amineh, Karim Faez, "A Classifier Design for Identification of Chemical Gases Using SAW " , , October 2003
- 312 Javad Hadadnia, Madjid Ahmadi, Karim Faez, "An Effective Feature Extraction for Face Recognition " , , September 2003
- 313 Amir Mowlaei, Karim Faez, "Recognition of Isolated Handwritten Persian /Arabic Characters and Numericals Using Support Vector Machine " , , September 2003
- 314 Mahdi Eslami, Karim Faez, Abolghasam Saiadian, "A General Criterion to Optimize the FCM Algorithm " , , September 2003
- 315 Mehran Mahramian Moallem, [en-name N/A], Karim Faez, Hassan Taheri, "A Multilayer Neural Network for IP Look Up and Packet Classification " , , August 2003
- 316 Abolfazl Toroghi Haghghat, Karim Faez, Mehdi Dehghan Takht Fooladi, Amir Mowlaei, "GA-Based Heuristic Algorithm for Band with-Delay-Constrained Least-Cost Multicast Routing " , , December 2002
- 317 Abolfazl Toroghi Haghghat, Karim Faez, Mehdi Dehghan Takht Fooladi, Amir Mowlaei, [en-name N/A], "An efficient revolutionary algorithm for Multicast Routing with Multiple Qos Constraints " , , November 2002
- 318 Mehran Mahramian Moallem, [en-name N/A], Karim Faez, Hassan Taheri, "Neural Network Based Algorithms for IP Look up and Packet Classification " , , October 2002
- 319 Peiman Moalem, Karim Faez, "Fast Edge-Based Stereo Matching and Geometric Parameters " , , October 2002
- 320 Abolfazl Toroghi Haghghat, Karim Faez, Mehdi Dehghan Takht Fooladi, Amir Mowlaei, [en-name N/A], "A Genetic Algorithm for Steiner Tree Optimization with Multiple Constraints Using Proper Number " , , October 2002
- 321 Peiman Moalem, Karim Faez, "Fast edge-based stereo matching algorithm based on search space reduction " , , September 2002
- 322 Peiman Moalem, Karim Faez, "Fast Edge-Based Stereo Matching Algorithm Based on Search Space Reduction Using Geometric Constraints and Multiresolution Technique " , , September 2002
- 323 Abolfazl Toroghi Haghghat, Mehdi Dehghan Takht Fooladi, Karim Faez, Amir Mowlaei, [en-name N/A], "Multicasting Routing with Multiple constraints in High- speed Network Based on Genetic Algorithms " , , August 2002





- 324 Javad Hadadnia, Karim Faez, Madjid Ahmadi, "Human Face Recognition with Different Statistical Features " , , August 2002
- 325 Amir Mowlaei, Karim Faez, Abolfazl Toroghi Haghghat, "Feature Extraction With Wavelet Transform for Recognition of Isolated Handwritten Farsi/Arabic characters and Numerals " , , July 2002
- 326 Javad Hadadnia, Karim Faez, "Hybrid N-Feature Extraction with Fuzzy Integral in Human face Recognition " , , June 2002
- 327 Javad Hadadnia, Karim Faez, Madjid Ahmadi, "N-Feature Neural Network Human face Recognition " , , May 2002
- 328 Javad Hadadnia, Madjid Ahmadi, Karim Faez, "An Efficient Method for recognition of Human Faces Using Higher Orders Pseudo Zernike Moment Invariant " , , May 2002
- 329 Javad Hadadnia, Karim Faez, Madjid Ahmadi, "A Hybrid Learning RBF Neural Network for Human Face Recognition with Pseudo Zernike Moment Invariant " , , May 2002
- 330 Javad Hadadnia, Karim Faez, "A Novel Method for Selecting Effective Moment Invariant as Feature in Human Face Recognition System " , , April 2002
- 331 Javad Hadadnia, Karim Faez, "Human face detection using pseudo- zernike moments and radial basis function neural network " , , December 2001
- 332 Javad Hadadnia, Karim Faez, "Human face recognition using shape information and pseudo zernike moments " , , December 2001
- 333 Peiman Moalem, Karim Faez, "Search space reduction in the edge based stereo correspondence " , , December 2001
- 334 Mehrdad Behdad, Karim Faez, "New method for QRS-wave recognition in ECG using MART neural network " , , December 2001
- 335 Abolfazl Toroghi Haghghat, Karim Faez, "A very accurate approximation for cell loss ratio in ATM networks " , , October 2001
- 336 Abolfazl Toroghi Haghghat, Karim Faez, Amir Mowlaei, [en-name N/A], Mehdi Dehghan Takht Fooladi, "Efficient Multicast Routing WITH multiple QOS CONSTRAINTS Based on Genetic Algorithms " , , October 2001
- 337 Peiman Moalem, Karim Faez, Javad Hadadnia, "Reduction of the search space region in the Edage based stereo correspondence " , , October 2001
- 338 Javad Hadadnia, Karim Faez, Peiman Moalem, "Neural network based face recognition with moment invariants " , , October 2001
- 339 Mehdi Dehghan Takht Fooladi, Karim Faez, Majid Ahmadi, [en-name N/A], "Holistic hand-written word recognition using discrete HMM and self-organizing feature map " , , September 2001
- 340 Abolfazl Toroghi Haghghat, Karim Faez, Javad Hadadnia, Amir Mowlaei, [en-name N/A], "More accurate cell loss approximation expression in ATM networks by on exact numerical model " , , September 2001
- 341 Peiman Moalem, Karim Faez, "On-Line signature pattern recognition using feature string and neural networks " , , August 2001
- 342 Javad Hadadnia, Karim Faez, "human face recognition using radial basis function neural network " , , August 2001
- 343 Mehdi Dehghan Takht Fooladi, Karim Faez, Majid Ahmadi, [en-name N/A], "off-line unconstrained farsi hand- written word recognition using fuzzy vector quantization and hidden markov model " , , August 2001
- 344 Abolfazl Toroghi Haghghat, Karim Faez, "A More Accurate Analytical_Numerical Cell Loss Approximation Expression In ATM Networks " , , August 2001
- 345 Masoud Sabaei, Karim Faez, Hossein Pedram, "A New ATM Restoration Method to Support Multiple Levels Of Services Reliability " , , August 2001

- 346 Abolfazl Toroghi Haghighat, Karim Faez, "A very Accurate Approximation for cell loss ratio in ATM networks " , , August 2001
- 347 Mehdi Dehghan Takht Fooladi, Karim Faez, Majid Ahmadi, "A hybrid hand_written word recognition using self_organizing feature map discrete HMM And evolutionary programming " , , July 2001
- 348 Javad Hadadnia, Karim Faez, "Human face Recognition with moments invariants based on shape information " , , July 2001
- 349 Peiman Moalem, Karim Faez, "search space reduction in the edge based stereo matching by context of disparity gradient limit " , , July 2001
- 350 Javad Hadadnia, Karim Faez, "Human face recognition with moments invariants " , , June 2001
- 351 Masoud Sabaei, Karim Faez, Majid Ahmadi, Shervin Erfani, "A Novel VP-Based ATM restoration scheme for providing multiple restorability levels " , , May 2001
- 352 Abolfazl Toroghi Haghighat, Karim Faez, "Cell Loss Ratio in ATM Networks: More Accurate Expressions " , , March 2001
- 353 Payam Naseri, Karim Faez, "Discrimination of seismic signal using fuzzy entropy and a new fuzzy LVQ method " , , November 2000
- 354 Karim Faez, [en-name N/A], "A genetic algorithm for a neural fractional memory " , , December 1999
- 355 Karim Faez, [en-name N/A], "Application of fractal codes as similarity measure for compressed Image database " , , November 1999
- 356 Ali Shams Nateri, Karim Faez, Seyed Hossein Amirshahi, Masoud Latifi, "Using Neural Networks in Colour Matching of Blends of Pre-Coloured Fibres " , 3rd National Conference on Textile Engineering, October 1999
- 357 Gholam Reza Yousefi Moghaddam, Karim Faez, "Fabric Handle prediction using neural networks " , , July 1999
- 358 Masoud Sabaei, Karim Faez, "A fault _ Tolerant Batch _ Banyan network for ATM Switching " , , November 1998
- 359 [en-name N/A], [en-name N/A], Karim Faez, "Recognition of different cars using moment invariants and back propagation Neural Networks " , , October 1998
- 360 Shayesteh, Rostamzadeh, Karim Faez, "Recognition of different cars using moment invariants and weighted K_Nearest classifier " , , October 1998
- 361 Masoud Sabaei, Karim Faez, Mehdi Dehghan Takht Fooladi, "VHDL_ based HW/SW Co_Simulation of communication Switching systems " , , September 1998
- 362 Mehdi Dehghan Takht Fooladi, Karim Faez, Majid Ahmadi, [en-name N/A], Ghahramani, "Hand_written Farsi character Recognition using evolutionary fuzzy clustering " , , September 1998
- 363 Naser Maraghe, Karim Faez, "A systematic algorithm for error codes " , , April 1998
- 364 Mehdi Dehghan Takht Fooladi, Karim Faez, "Evolutionary Fuzzy Clustering for Isolated hand written farsi characters " , , January 1998
- 365 Mehdi Dehghan, Karim Faez, "Signature Verification Using Shape Description and Multiple Neural Networks " , , December 1997
- 366 Mehdi Dehghan, Karim Faez, "Signature Verification Using Shape Description and Multiple Neural Networks " , , December 1997
- 367 Peiman Moalem, Karim Faez, "Accelerating Parallel Tangent for Neural Network through Dynamic Self Adaptation " , , December 1997
- 368 Mehdi Dehghan, Karim Faez, "Farsi Hand-Written Character Recognition with Moment Invariant " , , July 1997
- 369 Nematollah Ezati, Karim Faez, "Selection of the Convergence Coefficients Using Automata Rule " , , June 1997
- 370 Peyman Najafi Rad, Karim Faez, "Moment Prediction Model for Collision Avoidance for Multi Robots " , , March 1996

- 371 Peyman Najafi Rad, Karim Faez, "Safety Improvement in Robots for Industrial Automation. ", , March 1996
- 372 Abolfazl Toroghi Haghighat, Karim Faez, "A family of tolerant distributed parallel processing system on LAN workstations ", , January 1996
- 373 Mehdi Namazi, Karim Faez, "Application of a neural network for multifont farsi/character recognition using fuzzified pseudo-zernike moments ", , January 1996
- 374 M.J Shir Ali, Karim Faez, Alireza Hassan Zadeh, "Recognition of hand-written persian/arabic numerals by orthogonal moments and decision combination NNs ", , January 1996
- 375 Mehdi Namazi, Karim Faez, "Recognition of multifont farsi/arabic characters using a fuzzy neural network ", , January 1996
- 376 Payam Naseri, Karim Faez, "Signature pattern recognition using pseudo zernike moment and a fuzzy logic classifier ", , January 1996
- 377 M.Hassan Shirali-Shahreza, Karim Faez, [en-name N/A], "Recognition of Hand - Written Persian/Arabic Numerals by Shadow Coding and Edited Probabilistic Neural Network ", , October 1995
- 378 M.Hassan Shirali-Shahreza, Karim Faez, [en-name N/A], "Recognition of Hand Written Persian Numeral by Legendre Neural Features and a Probabilistic neural Network ", , April 1995
- 379 Hassan Mirzakhani, Karim Faez, "Recognition of Farsi and Arabic Cursive Script Using Recurrent Neural Network ", , March 1995
- 380 M.Hassan Shirali-Shahreza, Karim Faez, Ali Reza Khotan Zadeh, "recognition of hand written farsi numerals by zernike moments features and a set of class-specific neural network classifiers ", , October 1994
- 381 Karim Faez, Mohammad Kamel, "Image reconstruction from contour data using a back-propagation neural network ", , March 1994
- 382 Mansur Vafadust, Farzad Towhidkhan, Karim Faez, "Combining 1-D and 2-D Feature Extraction Methods for Object Finding ", , July 1990
- 383 Farshad Farmand, Karim Faez, "Design and Manufacturing of Master-Station in Teleprocessing Control Systems ", , July 1990
- 384 Mohammad Sadegh Ghazizadeh, Karim Faez, "Improvement of Safety in Wheelchair Vehicles ", , July 1990
- 385 Siavash Khorsandi, Karim Faez, "The Method of Block Coding for Image Compression by Transform Coding ", , June 1990
- 386 Karim Faez, "A weighted Line Finding Algorithm ", , October 1979

Taught Courses

#	Course title	Description	Headlines	Date
1	Logic Circuits	Discussing Combinational and Sequential Circuits		Spring 2022
2	Statistical Pattern Recognition	Designing various linear and nonlinear classifiers		Spring 2022
3	Machine Vision	computer vision—or just “vision”, as an enterprise that uses statistical methods to disentangle data using models constructed with the aid of geometry, physics, and learning theory		Fall 2021

4	Neural Networks	In this course which is the first course in NN, we will become familiar with the Basic Concepts		Fall 2021
5	(Special Topics (Deep Learning	The Main Goal of the course is how to design a neural Network with deep learning		Spring 2021
6	Logic Circuits	Discussing Combinational and Sequential Circuits		Spring 2021
7	Statistical Pattern Recognition	Designing various linear and nonlinear classifiers		Spring 2021