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h-index (Scopus):
10

Citations (Scopus):
393

Supervised PhD Theses

#	Thesis title	By	Date
1	Image Steganography and Steganalysis Based on Statistical Methods	Mojtaba Abolghasemi & Hassan Aghaeinia	October 2010
2	Recognition of Handwritten Middle Persian Documents Using Statistical and Structural Features	Shahpoor Alirezaee & Hassan Aghaeinia	October 2005

Supervised MSc Theses

#	Thesis title	By	Date
1	Image Segmentation based on Random Seeding	Mohammad Seifi & Hassan Aghaeinia	October 2021
2	Discrimination of EEG in human hand and feet real movement and its imagination using statistical processing in time-frequency domain	Elham Reyhanian Motehavver & Hassan Aghaeinia	April 2021
3	allocation optimization of RRH and BBU in C_RAN for 5_G	Sara Razavi & Hassan Aghaeinia	October 2020
4	visual question answering system performance improvement based on deep learning	Sajad Sadeghkhanian & Hassan Aghaeinia	July 2020
5	Resource Allocation in Wireless communication Systems to Simultaneously Manage Achievable Rate and Harvested Energy	Pouria Nezhadmohammad & Hassan Aghaeinia	February 2020

6	Deep Learning approach to i-Vector based Speaker Identification	Saeed Jamshidiha & Hassan Aghaeinia	October 2018
7	Improved Resource Allocation in Two – Tier Femtocell Network	Nasrin Rezania & Hassan Aghaeinia	February 2018
8	GFDM relays in 5G wireless networks	Vahid Shahiri & Hassan Aghaeinia	February 2018
9	Robust Object Tracking in Video Images Using Sparse Processing and Particle Filter	Reza Noormohammadi & Hassan Aghaeinia	January 2018
10	Reduce eavesdropping in MIMO communication system by cooperative jamming	Zahra Moradi & Hassan Aghaeinia	February 2017
11	Channel Estimation for Multi-User Massive MIMO using Compressed Sensing	Ramin Noorani & Hassan Aghaeinia	February 2017
12	channel estimation improvement for massive MIMO systems based on pilot decontamination technique	Mohsen Hosseinzadeh & Hassan Aghaeinia	January 2017
13	Power allocation for outage capacity improvement in cooperative cognitive radio	Atiyeh Shirdastian & Hassan Aghaeinia	October 2016
14	Title: Robust real time tracking algorithm for fast moving objects in video	Kamran Hajipour & Hassan Aghaeinia	July 2016
15	design of a synchronizer based on spread-spectrum communication for global navigation satellite system (GNSS)	Mostafa Karami & Hassan Aghaeinia	February 2016
16	Optimum resource allocation for mobile cloud computing in LTE-advanced network	Hamid Reza Zaefarani & Hassan Aghaeinia	February 2016
17	synchronization improvement of spread spectrum receivers using compressive sensing	Alireza Mirrashid & Hassan Aghaeinia	October 2015
18	An Algorithm for Relay Selection and Power Allocation in Cooperative Cognitive Radio Systems	Mohammadreza Nargesi & Hassan Aghaeinia	October 2015
19	Title of thesis: resource allocation in multi-carrier multi antenna cooperative cognitive networks based on relaying	Saeed Ahmadi & Hassan Aghaeinia	September 2015
20	Compressed spectrum sensing in cognitive radios by sparse characteristics of wide band spectrum	Rasoul Nikbakht Silab & Hassan Aghaeinia	February 2015
21	Cooperative Beam forming in MIMO Cognitive Radio Networks	Sayyed Hossein Khorashadi Zadeh & Hassan Aghaeinia	October 2014
22	Object Tracking by Image Processing	Hossein Namazian & Hassan Aghaeinia	July 2014
23	Noise reduction in images with correlated noise	Ashkan Tirgar & Hassan Aghaeinia	February 2014
24	compressive sensing and sparse representation based on super resolution	Naser Karimi Ahmadabad & Hassan Aghaeinia	October 2013
25	compressive sensing of supersosition of pulses	Zahra Sabet Sabervestani & Hassan Aghaeinia	October 2013
26	solving inverse problems with piecewise linear estimators	Ahad Rajabi & Hassan Aghaeinia	October 2013
27	game theory Allocation in Resource allocation for mimo-OFDM Systems	Peyman Siyari & Hassan Aghaeinia	October 2013

28	improving performance of multiple access ofdm systems for interence reduction	Seyyed Mohammadmahdi Shahabi & Hassan Aghaeinia	February 2013
29	signal space alignment implementation in order to reduce interference for mimo communication	Ali Dalir & Hassan Aghaeinia	November 2012
30	the reduction of receiver in spacei time-frequency codes for quasi-static channels	Mohammad Dehghani Soltani & Hassan Aghaeinia	October 2012
31	Improvement Of Digital Images Watermarking In Transform Domain	Ali Moeen Eslam & Hassan Aghaeinia	January 2012
32	Quality Improvement of Gray Image Degraded by Glass Reflection	Fahimeh Amiri & Hassan Aghaeinia	January 2012
33	Iterative Detection/Decoding for SM-MC-CDMA Systems	Elaheh Mohammadi & Hassan Aghaeinia	October 2011
34	Improvement of Image Steganography Using Punctured Code	Ali Daneshkhah & Hassan Aghaeinia	February 2011
35	Blind source seperation using combinatory method	Amin Kheradmand & Hassan Aghaeinia	February 2011
36	improvement of data hiding methods in application of video phone	Seyed Hamed Seyedi & Hassan Aghaeinia	February 2011
37	Performance Improvement of steganography methods in digital images	Sara Ershadi Nasab & Hassan Aghaeinia	September 2010
38	Wavelet Domain Steganography Method using Pseudo Random Blocking	Seyedreza Najafi & Hassan Aghaeinia	June 2010
39	Improving the probability of primary user detection in a cognitive radio system	Mahsa Shafiee & Hassan Aghaeinia	January 2010
40	Improvement of data association algorithm for multitarget tracking in multisensor with incomplete measurements	Amirmohammad Abed & Hassan Aghaeinia	January 2010
41	synchronization improvement of multi carrier CDMA systems	Abdolhakim Salimi Atani & Hassan Aghaeinia	July 2009
42	multi_ user detection in cooperative networks based on intelligent algorithms	Ali Jafarnia Jahromi & Hassan Aghaeinia	February 2009
43	synchronization performance improvement in chaotic spread spectrum communication systems	Mehdi Malekipirbazari & Hassan Aghaeinia	January 2009
44	spread spectrum parameters estimation in blind receiver using intelligent methods	Saeed Daneshmand & Hassan Aghaeinia	January 2009
45	STEGANALYSIS OF DIGITAL IMAGES USING FREQUENCY TRANSFORMS	Mohammad Ali Mehrabi Basharabadi & Hassan Aghaeinia	February 2008
46	ROBUSTNESS IMPROVEMENT OF DIGITAL IMAGE WATERMARKING AGAINST ROTATION, SCALING AND TRANSLATION	Fatemeh Matlabi & Hassan Aghaeinia	February 2008
47	PERFORMANCE IMPROVEMENT OF SPREAD SPECTUM SYSTEMS USING PUNCTURED CODES	Mohammad Lari & Hassan Aghaeinia	January 2008
48	IMPROVING OF BLIND CHANNEL EQUALIZATION BASED ON SECOND ORDER STATISTICS USING PARTIAL KNOWLEDGE OF CHANNEL	Mahdi Tohidian & Hassan Aghaeinia	January 2008
49	INTERFERENCE REDUCTION FOR SPACE-TIME CODED MULTICARRIER CDMA SYSTEMS	Mahdi Majidi & Hassan Aghaeinia	February 2007

50	POSITION ESTIMATION AND TRACKING OF THE SMALL TARGET IN VIDEO SEQUENCES	Seyedali Melli & Hassan Aghaeinia	February 2007
51	IMPROVING THE CHANNEL ESTIMATION TECHNIQUES IN MULTI CDMA COMMUNICATION SYSTEMS TO INCREASE THROUGHPUT	Roh Olah Aghajani Ranani & Hassan Aghaeinia	February 2007

Journal Papers

Portal Records

- 1 Ali Mohammed Ahmed Alkhazzar, Hassan Aghaeinia, "Symbol error rate analysis of non-orthogonal multiple access systems", *Physical Communication*, February 2021 Vol. 46, Num. 101295, Page 1-11, February 2021,
- 2 Ali Mohammed Ahmed Alkhazzar, Hassan Aghaeinia, "Power allocation with fairness for non-orthogonal multiple access systems", *IET COMMUNICATIONS*, July 2020 Vol. 14, Num. 16, Page 2829-2839, July 2020,
- 3 Mohammad Hadi Kefayati, Vahid Pourahmadi, Hassan Aghaeinia, "Wi2Vi: Generating Video Frames From WiFi CSI Samples", *IEEE SENSORS JOURNAL*, May 2020 Vol. 0, Num. 0, Page 0-0, May 2020,
- 4 Ali Dalir, Hassan Aghaeinia, "Maximizing First-Order Approximate Mean of SINR Under Imperfect Channel State Information for Throughput Enhancement of MIMO Interference Networks", *IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF ELECTRICAL ENGINEERING*, August 2018 Vol. 0, Num. 0, Page 1-12, August 2018,
- 5 Ali Dalir, Hassan Aghaeinia, "Theoretical Investigation of Convergence of Max-SINR Algorithm in the MIMO Interference Network", *Journal of Computer and Communications*, April 2018 Vol. 6, Num. 4, Page 31-37, April 2018,
- 6 Ali Gharamohammadi, Yaser Norouzi, Hassan Aghaeinia, Saeed Sarreshtedari, "Back-Projection Based Breast Cancer Imaging with Rotating Antenna", *SENSOR LETTERS*, January 2018 Vol. 16, Num. 1, Page 61-63, January 2018,
- 7 Ali Dalir, Hassan Aghaeinia, "Throughput Enhancement via Iterative Optimization Approach and Modifying Max-SINR Algorithm for the MIMO Interference Network under Imperfect Channel State Information", *American Journal of Electrical and Electronic Engineering*, December 2017 Vol. 5, Num. 3, Page 179-188, December 2017,
- 8 Ali Gharamohammadi, Yaser Norouzi, Hassan Aghaeinia, "Optimized UWB Signal to Shallow Buried Object Imaging", *Progress In Electromagnetics Research Letters*, November 2017 Vol. 72, Num. 1, Page 7-10, November 2017,
- 9 Ali Dalir, Hassan Aghaeinia, Mohammad Kazemi, "Robust transceiver design for reciprocal $M \times N$ interference channel based on statistical linearization approximation", *EURASIP Journal on Advances in Signal Processing*, August 2017 Vol. 2017, Num. 1, Page 55-67, August 2017,
- 10 Mohammad Kazemi, Hassan Aghaeinia, Tolga Duman, "Discrete-Phase Constant Envelope Precoding for Massive MIMO Systems", *IEEE TRANSACTIONS ON COMMUNICATIONS*, February 2017 Vol. 0, Num. 0, Page 1-11, February 2017,
- 11 Mohammad Kazemi, Hassan Aghaeinia, "A lower bound on achievable rate of MRT precoding in multicell multiuser massive MIMO networks with Rician flat fading", *INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS*, May 2016 Vol. 0, Num. 0, Page 0-0, May 2016,
- 12 Mona Hajimomeni, Hassan Aghaeinia, Il-Min Kim, Kwihoon Kim, "Cooperative jamming polar codes for multiple-access wiretap channels", *IET COMMUNICATIONS*, March 2016 Vol. 10, Num. 4, Page 407-415, March 2016,
- 13 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, Seyyede Zohreh Seyyedsalehi, "Subject adaptation using selective style transfer mapping for detection of facial action units", *EXPERT SYSTEMS WITH APPLICATIONS*, March 2016 Vol. 56, Num. 0, Page 282-290, March 2016,
- 14 Elias Rajaby, S.M. Ahadi Sarkani, Hassan Aghaeinia, "Robust color image segmentation using fuzzy c-means with weighted hue and intensity", *DIGITAL SIGNAL PROCESSING*, February 2016 Vol. 0, Num. 0, Page 0-0, February 2016,
- 15 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Diverse videos synthesis using manifoldbased parametric motion model for facial understanding", *IET IMAGE PROCESSING*, December 2015 Vol. 0, Num. 0, Page 1-8, December 2015,

- 16 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Improvement of the Facial Pain Action using Style Transfer", , June 2015 Vol. 2, Num. 1, Page 45-56, June 2015,
- 17 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Video-based facial expression recognition by removing the style variations", IET IMAGE PROCESSING, May 2015 Vol. 1, Num. 1, Page 1-8, May 2015,
- 18 Mohammad Kazemi, Hassan Aghaeinia, "Approximate ergodic capacity of multiuser massive multiple input multiple output in a Rayleigh fading uplink channel with variance profile", IET COMMUNICATIONS, April 2015 Vol. 9, Num. 6, Page 844-852, April 2015,
- 19 Mona Hajimomeni, Hassan Aghaeinia, "Linear precoding for spatially correlated multiple-input single-output wiretap channel", IET COMMUNICATIONS, March 2015 Vol. 9, Num. 5, Page 719-727, March 2015,
- 20 ., Hassan Aghaeinia, "Joint Relay Selection and Power Allocation in MIMO Cooperative Cognitive Radio Networks", Journal of Information systems and Telecommunication, February 2015 Vol. 3, Num. 1, Page 29-40, February 2015,
- 21 M.G. Adian, Hassan Aghaeinia, "An Auction Based Approach for Resource Allocation in Multi-Cell MIMO-OFDM Based Cognitive Radio Networks", WIRELESS PERSONAL COMMUNICATIONS, January 2015 Vol. 80, Num. 1, Page 261-276, January 2015,
- 22 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Incorporating prior knowledge from the new person into recognition of facial expression", Signal, Image and Video Processing (sivip), January 2015 Vol. 1, Num. 1, Page 1-8, January 2015,
- 23 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Facial expression recognition using face clustering based discriminant analysis", , September 2014 Vol. 21, Num. 1, Page 95-106, September 2014,
- 24 Mohammad Dehghani Soltani, Hassan Aghaeinia, Mohammad Reza Ali Madadi, "A Low Complexity Suboptimal Energy-Based Detection Method for SISO/MIMO Channels", WIRELESS PERSONAL COMMUNICATIONS, August 2014 Vol. 77, Num. 4, Page 2857-2869, August 2014,
- 25 Mehdi Ghamari Adian, Hassan Aghaeinia, "Resource Allocation in MIMO-OFDM-Based Cooperative Cognitive Radio Networks", IEEE TRANSACTIONS ON COMMUNICATIONS, July 2014 Vol. 62, Num. 7, Page 2224-2235, July 2014,
- 26 Mehdi Ghamari Adian, Hassan Aghaeinia, "Optimal Resource Allocation in Heterogeneous MIMO Cognitive Radio Networks", WIRELESS PERSONAL COMMUNICATIONS, May 2014 Vol. 76, Num. 1, Page 23-39, May 2014,
- 27 Mehdi Ghamari Adian, Hassan Aghaeinia, "An auction-based approach for spectrum leasing in cooperative cognitive radio networks: when to lease and how much to be leased", WIRELESS NETWORKS, March 2014 Vol. 20, Num. 3, Page 411-422, March 2014,
- 28 Mehdi Ghamari Adian, Hassan Aghaeinia, "Optimal and sub-optimal resource allocation in multiple-input multiple-output-orthogonal frequency division multiplexing-based multi-relay cooperative cognitive radio networks", IET COMMUNICATIONS, March 2014 Vol. 8, Num. 5, Page 646-657, March 2014,
- 29 Mehdi Ghamari Adian, Hassan Aghaeinia, "Low complexity resource allocation in MIMO-OFDM-based cooperative cognitive radio networks", Transactions on Emerging Telecommunications Technologies, February 2014 Vol. 2, Num. 10, Page 1-9, February 2014,
- 30 Mehdi Ghamari Adian, Hassan Aghaeinia, "An Opportunistic Cooperative Approach for Dynamic Spectrum Leasing in Cognitive Radio Networks", International Journal of Information and Communication Technology(IJICT), February 2014 Vol. 6, Num. 1, Page 1-9, February 2014,
- 31 Mehdi Ghamari Adian, Hassan Aghaeinia, "A two-level cooperative game-based approach for joint relay selection and distributed resource allocation in MIMO-OFDM-based cooperative cognitive radio networks", Transactions on Emerging Telecommunications Technologies, January 2014 Vol. 1, Num. 1, Page 1-1, January 2014,
- 32 Mehdi Ghamari Adian, Hassan Aghaeinia, "Optimal resource allocation for opportunistic spectrum access in multiple-input multiple output -orthogonal frequency division multiplexing based cooperative cognitive radio networks", IET SIGNAL PROCESSING, September 2013 Vol. 7, Num. 7, Page 549-557, September 2013,
- 33 Mehdi Ghamari Adian, Hassan Aghaeinia, "A New Cooperative Approach for Cognitive Radio Networks with Correlated Wireless Channels", Journal of Information systems and Telecommunication, September 2013 Vol. 1, Num. 3, Page 165-173, September 2013,

- 34 Mahdi Ghamari Adian, Hassan Aghaeinia, Yaser Norouzi, "Spectrum Sharing and power allocation in multi input multi output multi band underlay cognitive radio networks", IET COMMUNICATIONS, June 2013 Vol. 7, Num. 11, Page 1140-1150, June 2013,
- 35 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Person-independent facial expression recognition based on prior knowledge from the new subject", , December 2012 Vol. 6, Num. 3, Page 207-218, December 2012,
- 36 Mehdi Ghamari Adian, Hassan Aghaeinia, "Spectrum sharing and power allocation in multiple-in multiple-out cognitive radio networks via pricing", IET COMMUNICATIONS, November 2012 Vol. 6, Num. 16, Page 2621-2629, November 2012,
- 37 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,
- 38 Vahideh Vakil, Hassan Aghaeinia, "Throughput analysis of STS-based CDMA system with variable spreading factor in non-frequency selective Rayleigh fading channel", , July 2009 Vol. , Num. 35, Page 0-0, July 2009,
- 39 Vahideh Vakil, Hassan Aghaeinia, "Throughput Analysis of Adaptive Modulated STS-based CDMA System Over Multipath Fading Channel", , June 2009 Vol. , Num. 4, Page 0-0, June 2009,
- 40 Vahideh Vakil, Hassan Aghaeinia, "Throughput Improvement of STS-Based MC Ds-CDMA System With Variable Spreading Factor", , March 2009 Vol. , Num. 1, Page 0-0, March 2009,
- 41 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, Farid Asgari, "An Efficient Algorithm for Face Localization", , July 2006 Vol. , Num. 7, Page 0-0, July 2006,
- 42 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,
- 43 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,
- 44 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,
- 45 Behrooz Vahidi, Mohammad Javad Alborzi, Hassan Aghaeinia, Mehrdad Abedi, "Corona Detection on Surfaces of Insulators using Ultrasound Sensors and Fibre -Optic Transmission Systems", , October 2005 Vol. , Num. 15, Page 0-0, October 2005,

Conference Papers

Portal Records







- 1 Yaser Norouzi, Hassan Aghaeinia, Ali Gharamohammadi, "Classification and neural networks to detect buried landmines ", The Fifth National Conference on Radar and Surveillance Systems, November 2018
- 2 Pershin Samadinia, Hassan Aghaeinia, "A Novel Nash Bargaining Based Power Allocation Algorithm for MIMO Cognitive Radio Networks ", 24th Iranian Conference on Electrical Engineering, May 2016
- 3 Elias Rajaby, S.M. Ahadi Sarkani, Hassan Aghaeinia, "Entropy-based Fuzzy C-means with Weighted Hue and Intensity for Color Image Segmentation ", First International Conference on Signal Processing and Intelligent Systems, December 2015
- 4 Peyman Siyari, Hassan Aghaeinia, "Sum-rate Maximization in Multiuser MIMO Networks: A Game Theoretic Approach ", 23rd Iranian Conference on Electrical Engineering - ICEE 2015, May 2015
- 5 Setareh Sepehr, Hassan Aghaeinia, Amin Mohammadian, Mohammad Reza Nikfarjam, "Fusion of visible and thermal images for facial expression recognition ", 21th Iranian Conference on Biomedical Engineering (ICBME 2014), November 2014
- 6 Peyman Siyari, Hassan Aghaeinia, "Distributed Power Control in Multiuser MIMO Networks with Optimal Linear Precoding ", 7th International Symposium on Telecommunications - IST 2014, September 2014

- 7 Peyman Siyari, Hassan Aghaeinia, "Power Allocation in Relay Networks: A Stackelberg Game Approach ", 2nd Majlesi Symposium on Telecommunication Devices, February 2014
- 8 Mehdi Ghamari Adian, Hassan Aghaeinia, "An Effective Cooperative Cognitive Radio System for Correlated Channels ", ICEE 2013, May 2013
- 9 Mehdi Ghamari Adian, Hassan Aghaeinia, "An Adaptive Cooperative Strategy for Underlay MIMO Cognitive Radio Networks ", ICEE 2013, May 2013
- 10 Amin Mohammadian, Hassan Aghaeinia, Farzad Towhidkhal, "Geometric and texture based facial expression recognition ", 19th Iranian Conference on BioMedical Engineering,, December 2012
- 11 Mohammad Dehghani Soltani, Hassan Aghaeinia, Mohammad Reza Ali Madadi, "A Novel Energy-Based Detection Method For MIMO Channels: A New Perspective ", sixth International Symposium on telecommunication with emphasis on information and communication technology (IST2012, November 2012
- 12 Mona Hajimomeni, Hassan Aghaeinia, "Opportunistic Transmission of Secret Data through Randomized Parallel Subcarriers ", Six International Symposium on Telecommunication (IST2012), November 2012
- 13 Mehdi Ghamari Adian, Hassan Aghaeinia, "Opportunistic Spectrum Leasing in Cooperative Cognitive Radio Networks ", ICEE 2012, May 2012
- 14 Mehdi Ghamari Adian, Hassan Aghaeinia, "Spectrum Leasing in Cooperative Cognitive Radio Networks: An Auction-Based Approach ", ICEE 2012, May 2012
- 15 Seyed Hamed Seyed, Hassan Aghaeinia, Abolghasam Saiadian, "A New Robust Image Adaptive Steganography Method in Wavelet Domain ", ICEE- 2011, May 2011
- 16 Sara Ershadi Nasab, Hassan Aghaeinia, "A New Int2Int High Capacity Robust Steganography Method with LSB 1/3 and rounding method for embedding message ", ICEE- 2011, May 2011
- 17 Mehdi Ghamari Adian, Hassan Aghaeinia, "Beamforming & Antenna Selection iv Cooperative Cognitive Radio ", ICEE- 2011, May 2011
- 18 Ali Daneshkhal, Hassan Aghaeinia, "Using Punctured Codes in Digilal Image Steganograghy ", ICEE 2011, May 2011
- 19 Seyed Hamed Seyed, Abolghasam Saiadian, Hassan Aghaeinia, "A Blind Image-Adaptive Data Hiding Method in Wavelet Domain with Robustness against Compression ", UKSim 13th International Conference on Computer Modelling and Simulation, March 2011
- 20 Ali Daneshkhal, Hassan Aghaeinia, "A More Secure Steganography Method in Spatial Domain ", International Conference on Intelligent Systems, Modelling and Simulation ISMS 2011, January 2011
- 21 Mehdi Ghamari Adian, Hassan Aghaeinia, "Joint Transmit Beamforming and Antenna Selection in Cognitive Radio Networks ", 2010 International Symposium on Telecommunications, December 2010
- 22 Mohammad Reza Raeisinia, Hassan Aghaeinia, Karim Faez, "Steganalysis of perturbed quantization PQ steganography based on markov chain model " , , May 2009
- 23 Ali Jafarnia Jahromi, Hassan Aghaeinia, [en-name N/A], "On multi user detection in CDMA based cooperative networks " , , March 2009
- 24 Saeed Daneshmand, Hassan Aghaeinia, Mahdi Tohidian, "Blind estimation of signal in periodic long code DSSS communications " , , March 2009
- 25 [en-name N/A], Hassan Aghaeinia, Karim Faez, "Steganalysis of LSB Matching Based on Coocurrance Matrix and Removing Most Significant Bit Planes " , , August 2008
- 26 Mohammad Ali Mehrabi Basharabadi, Hassan Aghaeinia, [en-name N/A], "Steganalysis of LSB-Matching Steganography by Removing Most Significant Bit planes " , , August 2008
- 27 Mojtaba Abolhassani, Hassan Aghaeinia, Karim Faez, Mohammad Ali Mehrabi Basharabadi, "LSB data hiding detection based on gray level co occurrence matrix GLCM " , , August 2008
- 28 Mehdi Malekipirbazari, Hassan Aghaeinia, "Design of a chaotic spreading code with a synchronization unit to improve security of spread spectrum communication systems " , , May 2008

- 29 Vahideh Vakil, Hassan Aghaeinia, "Throughput analysis of STS based CDMA system with combined variable spreading factor and adaptive modulation " , , May 2008
- 30 Fatemeh Matlabi, Hassan Aghaeinia, "RST Invariant Wavelet-based Image Watermarking Using Template Matching Techniques " , , May 2008
- 31 Mohammad Ali Mehrabi Basharabadi, Hassan Aghaeinia, [en-name N/A], "Image Steganalysis Based on Statistical Moments of Wavelet Subband Histogram of Image Least Significant Bit Planes " , , May 2008
- 32 Vahideh Vakil, Hassan Aghaeinia, "Throughpt analysis of STS- based CDMA system with variable spreading factor in nonfrequency selective rayleigh fading channel " , , November 2007
- 33 Mohammad Lari, Hassan Aghaeinia, "Producing pulse compression codes with proper auto correlation function regarding widowing effect " , , November 2007
- 34 [en-name N/A], Hassan Aghaeinia, Karim Faez, "Data hiding detection based on DWT and Zernike moments " , , March 2007
- 35 Mahdi Majidi, Hassan Aghaeinia, [en-name N/A], "On the receiver desing for dovnlink of MIMO MC-CDMA systems over frequency selective rayleigh fading channels " , , November 2006
- 36 Shahpoor Alirezaee, Karim Faez, Hamidreza Rashidy Kanan, Hassan Aghaeinia, "A New Entropy-Based Algorithm for Face Localization " , , December 2005
- 37 Shahpoor Alirezaee, Majid Ahmadi, Hassan Aghaeinia, Karim Faez, "An Efficient Restoration Algorithm for the Historic Middle Age Persian (Pahlavi) Manuscript " , , October 2005
- 38 Shahpoor Alirezaee, Hassan Aghaeinia, Majid Ahmadi, Karim Faez, "A Weighted Pseudo-Zernike Feature Extractor for Face, Recognition " , , October 2005
- 39 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, Alireza Shayesteh Fard, "An Efficient Feature Extraction Method for the Middle Age Character Recognition " , , August 2005
- 40 Hassan Aghaeinia, Shahpoor Alirezaee, "an efficient algorithm for face localiation " , , May 2005
- 41 Shahpoor Alirezaee, Hassan Aghaeinia, "A WEIGHTED PSEUDO-ZERNIK FEATURE FOR FACE RECOGNATION " , , May 2005
- 42 Shahpoor Alirezaee, Hassan Aghaeinia, "AN EFFICIENT PREPROCESSING BLOCK FOR THE MIDDLE-AGE PERSIAN MANUSCRIPTS " , , May 2005
- 43 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "An Efficient Preprocessing Block for the Middle-Age Persian, Manuscripts " , , May 2005
- 44 Vahideh Vakil, Abbas Mohammadi, Hassan Aghaeinia, "Throughput Enhancoment using Adaptive modulation for STS based CDMA Systems " , , February 2005
- 45 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "Recognition of middle age persion cheracters using a set of invariant moments " , , November 2004
- 46 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "An Efficient selected feature set for middle Age persian character recognition " , , November 2004
- 47 Nima Ghadi, Hassan Aghaeinia, "Digital watermarking of Images by changing High Frequency Energy in wavelet Domain " , , November 2004
- 48 Alireza Mirzaee, Hassan Aghaeinia, "Design of a New class of spreading sequence using chaotic Dynamical systems for Asynchronous DS - CDMA Applications " , , June 2004
- 49 Alireza Mirzaee, Hassan Aghaeinia, "Design of a New Class of Spreading Sequence Using Chatic Dynamical Systems for Asynchronous DS_CDMA Applications " , , June 2004
- 50 Vahid Forutan, Hassan Aghaeinia, "Applying Hopfield neural network (HNN) to fast PN code acquisition in spread spectrum systems " , , March 2004

- 51 Shahpoor Alirezaee, Hassan Aghaeinia, Karim Faez, "A morphological approach for middle persian character recognition " , , March 2004
- 52 Behrooz Vahidi, Mohammad Javad Alborzi, Hassan Aghaeinia, Mehrdad Abedi, "DC Corona detection on Surface of insulator using sound . " , , August 2003
- 53 Behrooz Vahidi, Mohammad Javad Alborzi, Hassan Aghaeinia, Mehrdad Abedi, "Acouatic Diagnoses of AC Corona on the Surfaces of insulatoz " , , June 2003
- 54 Mehrdad Abolbashari, Hassan Aghaeinia, "Design and analysis of a new sequence set by using chaotic dynamic systems for spread spectrum communication applications " , , April 2003
- 55 Hadi Bannazadeh, Hassan Aghaeinia, "Location Management in mobile cellular Networks: reducing and Optimizing Location Updating and Paging Costs " , , August 2001

Taught Courses

#	Course title	Description	Headlines	Date
1	Signals & Systems	..		Spring 2022
2	Signals & Systems	..		Fall 2021
3	Image Processing	.		Fall 2021
4	Signals & Systems	..		Spring 2021
5	Signals & Systems	..		Fall 2020
6	Image Processing	.		Fall 2020