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Citations (Scopus):

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Supervised MSc Theses

#	Thesis title	By	Date
1	semantic textuae similarity measuring and its sapplication in a question answering system	Mohadese Roghangarha & Mohammad Mehdi Homayounpour	October 2021
2	improvement of robustness of automatic speaker recognition systems against spoofing attacks	Amir Mohammad Rostami & Mohammad Mehdi Homayounpour	September 2021
3	Improving the audio source direction finding and far-field speech recognition	Seyed Hesamoddin Mireshghollah & Mohammad Mehdi Homayounpour	August 2021
4	Speaker Diarization of Speech Files using deep Lerarning	Shahrzad Safaei & Mohammad Mehdi Homayounpour	September 2020
5	Using voice processing techiques for secure data and voice transmission on cellular networks	Mehrdad Hamzeh & Mohammad Mehdi Homayounpour	May 2020
6	SYntactic parsing and part of speech tagging in Persian sentences for feature assignment in text to speech system	Marzieh Jalali & Mohammad Mehdi Homayounpour	September 2019
7	Automatic file type identification and Content extraction and blind detection of interleaving parameters	Farzad Farrokhi & Mohammad Mehdi Homayounpour	July 2019
8	Using Multitask learning for processing of texts	Zahra Eskandari & Mohammad Mehdi Homayounpour	July 2018

9	Enriching specific domain Farsi speech recognition using sentence boundary and disfluency detection	Hossein Biniastian & Mohammad Mehdi Homayounpour	February 2018
10	Study and Implementation of Commodity Recommender System	Sania Sheikholeslami & Mohammad Mehdi Homayounpour	December 2017
11	Improvement in spoken term detection systems using Supervised and unsupervised techniques and semantic knowledge	Iman Khanijazani & Mohammad Mehdi Homayounpour	October 2017
12	Detection of the Quality of Phoneme Pronunciation in Computer aided Arabic Pronunciation Learning	Mahsa Ghorbanali & Mohammad Mehdi Homayounpour	July 2017
13	English to Persian Translation Using Deep Recurrent Neural Networks	Mohaddeseh Bastan & Mohammad Mehdi Homayounpour	February 2017
14	Keyword Spotting in Persian Speech Using a Hybrid Model of DNN and HMM	Masoud Abasian & Mohammad Mehdi Homayounpour	February 2017
15	Feature learning in Speaker Verification using Deep Networks	Hamid Khezeli & Mohammad Mehdi Homayounpour	March 2016
16	Enhancement of old recording of speech signals	Mahdieh Ramezani & Mohammad Mehdi Homayounpour	February 2016
17	Extractive speech summarization with minimum usage of automatic speech recognition	Maryam Asadolahzade Kermanshahi & Mohammad Mehdi Homayounpour	January 2016
18	Syntactic and Classification Based Approach for Persian text summarizer	Mina Hamidi & Mohammad Mehdi Homayounpour	October 2015
19	Design and Implementation of Factoid Question Answering System	Mostafa Etemadian & Mohammad Mehdi Homayounpour	October 2015
20	Automatic Short Text Classification Using Vector Space Model and Support Vector Machine	Elham Malekian Noori & Mohammad Mehdi Homayounpour	May 2015
21	Multi target acoustic source localization and tracking	Hamed Gholami & Mohammad Mehdi Homayounpour	February 2015
22	Overcoming uncertainty by improving dialogue management in spoken dialogue systems	Seyed Hesam Mahmoodi & Mohammad Mehdi Homayounpour	February 2015
23	speakers gender Identification based on spectral and prosodic features using supervectors	Fatame Naji & Mohammad Mehdi Homayounpour	May 2014
24	Combination of GMM and pith scores for speaker Verification	Mohsen Sayadi & Mohammad Mehdi Homayounpour	October 2013
25	Sparse Coding and its application in Voice enhancement	Alireza Shirkhodaei & Mohammad Mehdi Homayounpour	October 2013
26	performance improvement in asynchronous brain-computer interface	Hamid Reza Hakim Davoodi & Mohammad Mehdi Homayounpour	September 2013
27	optimizing of speech and speaker recognition algorithms to be executed on hardwares with limited memory and computational power	Amir Badamchi Ghandi & Mohammad Mehdi Homayounpour	September 2013

28	text_independent voice conversion	Amir Namavar Jahromi & Mohammad Mehdi Homayounpour	September 2013
29	Speaker Recognition By Combining Pitch Synchronized Phase with MFCC-IMFCC	& Mohammad Mehdi Homayounpour	May 2013
30	active noise cancellation in dynamic environment using neural networks	Saba Amiri & Mohammad Mehdi Homayounpour	May 2013
31	spontaneous -colloquial speech recognition and study of its conversion to formal -read speech	Hadi Hosseini & Mohammad Mehdi Homayounpour	February 2013
32	persian part of speech tagging with morphological anaysis and semantic knowledge	Alireza Kafshdar Toosi & Mohammad Mehdi Homayounpour	September 2012
33	farsi named entity recognition based on named entity characteristics in farsi texts	Najmeh Eslami & Mohammad Mehdi Homayounpour	June 2012
34	extractive persian multi- documentt summarization	Saeed Varasteh Yazdi & Mohammad Mehdi Homayounpour	May 2012
35	automate emotion and speech act tagging in persian text	Shokoufeh Motamedi & Mohammad Mehdi Homayounpour	May 2012
36	proper noun recognition and letter to sound of proper nouns in presian language	Farshid Majidfard & Mohammad Mehdi Homayounpour	May 2012
37	persian homograph disambiguation using persian wordnet relatives and thesaurus	Fatemeh Aliakbarian & Mohammad Mehdi Homayounpour	February 2012
38	robust automatic modulation recognition using supervector	Mohammad Hadi Valipour & Mohammad Mehdi Homayounpour	February 2012
39	analysis of modulation type and modulation characteristics of digital signal using digital signal processing and intelligent techniques	Mohammad Amin Mehralian & Mohammad Mehdi Homayounpour	January 2012
40	tokenization and normalization of farsi texts using corpus and rule based methods	Fatemeh Gholamaliyan & Mohammad Mehdi Homayounpour	June 2011
41	lrrter to sound conversion in persian language using persian language orthographic and phonetic characteristics	Zeynab Sadate Tahajodi & Mohammad Mehdi Homayounpour	February 2011
42	automatic spoken language recognition based on acoustic information	Fahemeh Ghasemeyan Ghotbabadi & Mohammad Mehdi Homayounpour	January 2011
43	Implementation and improvement of unit selection based Farsi speech synthesis, cost function pruning and smoothing of concatenation points	Shahram Kalantari & Mohammad Mehdi Homayounpour	July 2010
44	Speaker gender and age interval identification in indexing of audio documents	Mohammad Ali Keyvanrad & Mohammad Mehdi Homayounpour	February 2010

45	Design and Improvement of Formant and TP-MBROLA (True Period Multi Band Resynthesis Overlap-Add Algorithm) Synthesis techniques for farsi	Nooshin Maghsoodi & Mohammad Mehdi Homayounpour	February 2010
46	Improvement of audio files indexing to speech, music, silence and environmental noise based on features and classification method	Abbas Yazdanpanah & Mohammad Mehdi Homayounpour	February 2010
47	Introducing techniques for performance improvement in acoustic language identification	Seyed Abbas Hosseini Amereei & Mohammad Mehdi Homayounpour	July 2009
48	Performance improvement in keyword spotting and using it for access to telephony services	Maryam Asadi Ghafri & Mohammad Mehdi Homayounpour	July 2009
49	Performance improvement in speaker recognition systems using genetic programming	Saeede Sadat Sadidpour & Mohammad Mehdi Homayounpour	June 2009
50	IMPLEMENTATION AND PERFORMANCE IMPROVEMENT OF LOW AND VERY LOW BIT RATE VOCODERS	Iman Rezaeian & Mohammad Mehdi Homayounpour	June 2008
51	ROBUST SPEECH AND SPEAKER RECOGNITION AGAINST ADDITIVE AND CHANNEL	Amir Hossein Haj Ahmadi & Mohammad Mehdi Homayounpour	June 2008
52	COMPARISON AND EVALUATION OF KNOWLEDGE AND CORPUS BASED METHODS FOR SEMANTIC ANALYSIS IN FARSI TEXT TO SPEECH SYSTEMS	Raheleh Makki Niri & Mohammad Mehdi Homayounpour	May 2008
53	KASREH EZAFE POSITION RECOGNITION FOR FARSI TEXT TO SPEECH	Shahryar Isapour & Mohammad Mehdi Homayounpour	March 2008
54	Virtual Learning Versus Traditional Learning	Mohammad Ahmadi & Mohammad Mehdi Homayounpour	September 2007
55	FARSI PROSODY MODELING USING RULE-BASED AND DATA-DRIVEN METHODS	Masoomeh Bahraini & Mohammad Mehdi Homayounpour	September 2007
56	QUALITY OF VOICE ASSESSMENT IN IP-BASED NETWORKS USING QUALITY OF SERVICE PARAMETERS	Mohammad Abareghi & Mohammad Mehdi Homayounpour	March 2007
57	SPEAKER RECOGNITION, BASED ON THE FUSION AND STATE SPACE OF EIGEN SPEAKERS	Ali Sadeghi Naini & Mohammad Mehdi Homayounpour	December 2006
58	VERY LOW BIT RATE VOCODER USING SPEECH RECOGNITION/SYNTHESIS TECHNIQUES	Abbas Koochari & Mohammad Mehdi Homayounpour	February 2006

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Microprocessor and Assemble Language	Mohammad Mehdi Homayounpour, Farzad Hesar, Seyed Amir Asghari, Ali Ghanbari	Iran (Islamic Republic of)	October 2015	1

Journal Papers

Portal Records

- 1 Toktam Zoughi, Mohammad Mehdi Homayounpour, "A Gender Aware Deep Neural Network Structure for Speech Recognition", Iranian Journal of Science & Technology, January 2020 Vol. 0, Num. 0, Page 0-0, January 2020,
- 2 Toktam Zoughi, Mohammad Mehdi Homayounpour, "Adaptive Windows Convolutional Neural Network for Speech Recognition", , January 2019 Vol. 37, Num. 3, Page 13-29, January 2019,
- 3 Toktam Zoughi, Mohammad Mehdi Homayounpour, "DBMiP: A pre-training method for information propagation over deep networks", COMPUTER SPEECH AND LANGUAGE, October 2018 Vol. 55, Num. 0, Page 1-19, October 2018,
- 4 Abbas Khosravani, Mohammad Mehdi Homayounpour, "Nonparametrically trained PLDA for short duration i-vector speaker verification", COMPUTER SPEECH AND LANGUAGE, May 2018 Vol. 52, Num. 0, Page 105-122, May 2018,
- 5 Hoda Sadat Jafari, Mohammad Mehdi Homayounpour, "A Comparison of Machine Learning Methods in Speech Summarization without using transcription", , February 2018 Vol. 34, Num. 4, Page 143-157, February 2018,
- 6 Mahdi Khademian, Mohammad Mehdi Homayounpour, "Monaural Multi-Talker Speech Recognition using Factorial Speech Processing Models", SPEECH COMMUNICATION, January 2018 Vol. 98, Num. 0, Page 1-16, January 2018,
- 7 Mahdi Khademian, Mohammad Mehdi Homayounpour, "Feature joint-state posterior estimation in factorial speech processing models using deep neural networks", COMPUTERS & ELECTRICAL ENGINEERING, June 2017 Vol. -, Num. 0, Page 1-14, June 2017,
- 8 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Effective sparsity control in deep belief networks using normal regularization term", KNOWLEDGE AND INFORMATION SYSTEMS, April 2017 Vol. 36, Num. 3, Page 0-0, April 2017,
- 9 Abbas Khosravani, Mohammad Mehdi Homayounpour, "A PLDA approach for language and text independent speaker recognition", COMPUTER SPEECH AND LANGUAGE, April 2017 Vol. 45, Num. 0, Page 457-474, April 2017,
- 10 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Dynamic Sparsity Control in Deep Belief Networks", INTELLIGENT DATA ANALYSIS, February 2017 Vol. 21, Num. 4, Page 1-20, February 2017,
- 11 Mahdi Khademian, Mohammad Mehdi Homayounpour, "Modeling State-Conditional Observation Distribution Using Weighted Stereo Samples for Factorial Speech Processing Models", CIRCUITS SYSTEMS AND SIGNAL PROCESSING, March 2016 Vol. 0, Num. 0, Page 0-0, March 2016,
- 12 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Deep Belief Network Training Improvement Using Elite Samples Minimizing Free Energy", INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE, June 2015 Vol. 29, Num. 5, Page 1-16, June 2015,
- 13 Mohammad Mehdi Homayounpour, Armin Salimi Badr, "Phrase chunking", , May 2014 Vol. -, Num. 2, Page 69-86, May 2014,
- 14 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "A Review on speaker Diarization Systems and Approaches", SPEECH COMMUNICATION, May 2012 Vol. -, Num. 54, Page 1065-1103, May 2012,
- 15 Seyed Abbas Hosseini Amereei, Mohammad Mehdi Homayounpour, "Performance Improvement of Language Identification using Transcription based sequential approaches and sequential Kernels based SVM", International Journal of Information and Communication Technology(IJICT), March 2012 Vol. 4, Num. 2, Page 37-45, March 2012,
- 16 Shahram Kalantari, Mohammad Mehdi Homayounpour, "Improvement in speed of speech synthesis using beam search and synthesis database pruning", , February 2012 Vol. 14, Num. 2, Page 49-58, February 2012,
- 17 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Variational conditional random fields for online speaker detection and tracking", SPEECH COMMUNICATION, January 2012 Vol. 1, Num. 54, Page 763-780, January 2012,

- 18 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Text-Independent Speaker Verification Using Variational Gaussian Mixture Mode", ETRI JOURNAL, December 2011 Vol. 33, Num. 6, Page 914-924, December 2011,
- 19 Fahemeh Ghasemeyan Ghotbabadi, Mohammad Mehdi Homayounpour, "Improvements in accuracy of GMM Model using PSK kernel in Spoken Language Identification", , November 2011 Vol. 1390 سال 9 پائيز, Num. 3, Page 143-150, November 2011,
- 20 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Speaker Tracking Using Eigen decomposition and an Index Tree of Reference Models", ETRI JOURNAL, October 2011 Vol. 33, Num. 5, Page 741-751, October 2011,
- 21 Hamed Habibi Aghdam, Mohammad Mehdi Homayounpour, "Automatic Music Genre Recognition", , September 2011 Vol. 13 پياپی, Num. 1, Page 33-53, September 2011,
- 22 Nooshin Maghsoodi, Mohammad Mehdi Homayounpour, "Improving Farsi Multiclass Text Classification Using a Thesaurus and Two-Stage Feature Selection", JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE AND TECHNOLOGY, July 2011 Vol. 62, Num. 10, Page 2055-2066, July 2011,
- 23 Nooshin Maghsoodi, Mohammad Mehdi Homayounpour, "Improvement in formant and concatenative speech synthesis by inspiring the Speech coders", , July 2011 Vol. 9 سال, Num. 72, Page 7-14, July 2011,
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- 26 Ali Reza Khanteimoori, Mohammad Bagher Menhaj, Mohammad Mehdi Homayounpour, "Structural Learning in Bayesian Networks using Asexual Representation Optimization", ETRI JOURNAL, February 2011 Vol. 33, Num. 1, Page 39-49, February 2011,
- 27 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "A Weighted Feature Voting Approach for Robust and Real-Time Voice Activity Detection", ETRI JOURNAL, February 2011 Vol. 33, Num. 1, Page 1-11, February 2011,
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- 29 Saeede Sadat Sadidpour, Mohammad Mehdi Homayounpour, Mehdi Fasonghori, "Speech Enhancement based of a combination of Spectral Subtraction and Genetic Programming", , November 2010 Vol. -, Num. 3, Page 21-35, November 2010,
- 30 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "A Robust Voice Activity Detection on Short Time Features Audio Frames and Spectral Pattern of Vowel Sounds", , August 2010 Vol. 2, Num. 2, Page 9-19, August 2010,
- 31 Ali Sadeghi Naini, Mohammad Mehdi Homayounpour, Abbas Samani, "A real-time trained system for robust speaker verification using relative space of anchor models", Computer Speech and Language, June 2010 Vol. 24, Num. 4, Page 545-561, June 2010,
- 32 Mohammad Mehdi Homayounpour, Arezou Soltani Panah, "Speech Act Classification of Persian Language Texts Using Three Machine Learning Methods", , May 2010 Vol. 2, Num. 2, Page 65-71, May 2010,
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- 35 Behzad Bakhtiyari, Mohammad Mehdi Homayounpour, "Presentation of Methods for a Foreign Language Pronunciation and Prosody Teaching Using Speech Processing Technology", , December 2008 Vol. 0, Num. 0, Page 0-0, December 2008,

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- 38 Vahid Asadpour, Farzad Towhidkhal, Mohammad Mehdi Homayounpour, "Performance Enhancement for Audio-Visual Speaker Identification Using Dynamic Facial Muscle Model", , October 2006 Vol. , Num. 44, Page 0-0, October 2006,
- 39 Gholamreza Farahani, S.M. Ahadi Sarkani, Mohammad Mehdi Homayounpour, "Robust Feature Extraction of Speech via Noise Reduction in Autocorrelation Domain", Lecture Notes in Computer Science, September 2006 Vol. 0, Num. 1, Page 0-0, September 2006,
- 40 Mohammad Mehdi Homayounpour, "Speaker model and decision threshold updating in speaker verification", , June 2002 Vol. , Num. , Page 0-0, June 2002,

Conference Papers

Portal Records

- 1 Mahdieh Ramezani, Mohammad Mehdi Homayounpour, "A method for Clock Detection using Continuous Wavelet Transform and Atsu Method ", CSICC 2018, February 2018
- 2 Abbas Khosravani, Mohammad Mehdi Homayounpour, "Nonparametrically Trained Probabilistic Linear Discriminant Analysis for i-Vector Speaker Verification ", Interspeech 2017, June 2017
- 3 Mohaddeseh Bastan, Shahram Khadivi, Mohammad Mehdi Homayounpour, "Neural Machine Translation on Scarce-Resource Condition: A case-study on Persian-English ", 25th Iranian Conference on Electrical Engineering ICEE2017, April 2017
- 4 Mohaddeseh Bastan, Shahram Khadivi, Mohammad Mehdi Homayounpour, "Neural Machine Translation on Scarce-Resource Condition: A case study on Persian-English ", 25th Iranian conference on Electrical Engineering, April 2017
- 5 Mahdieh Ramezani, Mohammad Mehdi Homayounpour, "Presentation of a supervised method for detection of long time pulse noise for enhancement of old recorded voices ", 25th Iranian conference on Electrical Engineering, April 2017
- 6 Maryam Asadolahzade Kermanshahi, Mohammad Mehdi Homayounpour, "Supervised Speech Summarization using features independent from Automatic Speech Recognition Systems ", CSICC2017, March 2017
- 7 Amirhossein Hajahmadi, Mohammad Mehdi Homayounpour, "An investigation on the Influence of Delta and phoneme labels on deep Bottleneck Features ", CSICC2017, March 2017
- 8 Fatemeh Aliakbarian, Mohammad Mehdi Homayounpour, "Sense Disambiguation of Farsi Homographs Using FarsNet and Thesaurus ", 5th International Conference on Electrical,Computer,Mechanical and Mechatronics Engineering (ICE-2016), September 2016
- 9 Mohammadali Keyvan Rad, Mohammad Pezeshki, Mohammad Mehdi Homayounpour, "Deep Belief Networks for Image Denoising ", 5th International Conference on Electrical,Computer,Mechanical and Mechatronics Engineering (ICE-2016), September 2016
- 10 Abbas Khosravani, Mohammad Mehdi Homayounpour, "AUT System for SITW Speaker Recognition Challenge ", Interspeech 2016, September 2016
- 11 Abbas Khosravani, Mohammad Mehdi Homayounpour, Dijana Petrovska-Delacr eta, Gerard Chollet, "A PLDA Approach for Language and Text Independent Speaker Recognition ", Odyssey 2016: Speaker and Language Recognition Workshop, June 2016
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- 13 Amirhossein Hajahmadi, Mohammad Mehdi Homayounpour, "Bottleneck Feature Extraction For Robust Speech Recognition with Noise Aware Training ", CSICC 2016, March 2016
- 14 Mahdiah Ramezani, Mohammad Mehdi Homayounpour, "A Method for Post-processing of the output of Click Detection methods in audio Files ", First Signal Processing and Intelligent Systems, December 2015
- 15 Mahdiah Ramezani, Mohammad Mehdi Homayounpour, "A new method for post-processing of the output of click detection techniques in audio files ", The first International Conference on Signal Processing and Intelligent Systems (ISPIS2015), December 2015
- 16 Maryam Asadolahzade Kermanshahi, Mohammad Mehdi Homayounpour, "Speech Summerrization using Clustered Frames Acoustic Units for Persian News ", 5th International Conference on Computer and Knowledge Engineering, October 2015
- 17 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Normal Sparse Deep Belief Network ", The International Joint Conference on Neural Networks, July 2015
- 18 Amirhossein Hajahmadi, Mohammad Mehdi Homayounpour, "Uncertainty Propagation Through Neural Network Bottleneck Features ", 23rd Iranian Conference on Electrical Engineering, May 2015
- 19 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Using the Free Energy in the Mutual Convergence for Learning in Deep Neural Networks ", The 12th Iranian Conference on Intelligent System, February 2015
- 20 Amin Naemi, Mohammad Mehdi Homayounpour, "Nonlinear Channel Equalization using Hermit Artificial Neural Network ", The Seventh Symposium of Telecommunication, September 2014
- 21 Hamid Reza Hakim Davoodi, Mohammad Mehdi Homayounpour, "Optimizing Spatio-Spectral Filters by Motor Imagery Pattern Quantification in Self-paced Brain Computer interface ", The Seventh Symposium of Telecommunication, September 2014
- 22 Abbas Khosravani, Mohammad Mehdi Homayounpour, "Linearly Constrained Minimum Variance for Robust I-vector Based Speaker Recognition ", Odyssey 2014: Speaker and Language Recognition, June 2014
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- 24 Reza Vafashoar, Mohammad Mehdi Homayounpour, "Voice activity detection based on positive selection and artificial immune systems ", nineteenth national CSI computer conference, March 2014
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- 26 Hoda Sadat Jafari, Mohammad Mehdi Homayounpour, "Keyword extraction from Speech Signal without Using of Transcription ", The 19th Iranian Computer Society Conference, March 2014
- 27 Alireza Shirkhodaie, Mohammad Mehdi Homayounpour, "Speech Noise Reduction Using Sparse Coding and Shrinkage Function ", The 19th Iranian Computer Society Conference, March 2014
- 28 Hoda Sadat Jafari, Mohammad Mehdi Homayounpour, "Persian Speech Sentence segmentation without speech recognition ", The 12th Iranian Conference on Intelligent System, February 2014
- 29 Amir Badamchi Ghandi, Mohammad Mehdi Homayounpour, "Reduction of the State Observation Probability Computation Time in Isolated Word Recognition ", The 12th Iranian Conference on Intelligent System, February 2014
- 30 Amir Namavar Jahromi, Mohammad Mehdi Homayounpour, "Emotions from Farsi Texts with Mutual-Word-Counting and Word Spotting ", The 16th CSI International Symposium of Artificial Intelligence and Signal Processing (AISP2010), June 2013
- 31 Mohammad Mahdi Mahsuli, Mohammad Mehdi Homayounpour, "Emotion Recognition from Persian Text ", The 5th Conference on Information and Knowledge Technology, May 2013
- 32 Mohammad Mahdi Mahsuli, Mohammad Mehdi Homayounpour, "Emotion Detection from Text ", The 5th Information Technology and knowledge, May 2013

- 33 Najmeh Eslami, Mohammad Mehdi Homayounpour, "Feature Selection for Named Entity Recognition in Farsi Texts ", The 5th Information Technology and Knowledge, May 2013
- 34 Abbas Khosravani, Reza Safabakhsh, Mohammad Mehdi Homayounpour, "Robust Speaker Recognition in Noisy Environments using Sparse Representation ", Information and Knowledge Technology IKT, May 2013
- 35 Mohammad Hadi Valipour, Mohammad Mehdi Homayounpour, "Automatic Digital Modulation Recognition in Presence of Noise Using SVM and PSO ", International Symposium on Telecommunication (IST2012), November 2012
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- 37 Mohammad Hadi Valipour, Mohammad Mehdi Homayounpour, Mohammad Amin Mehralian, "Automatic Digital Modulation Recognition Using Gaussian Mixture Model Supervectors and Support Vector Machines ", 17th CSI Computer Conference, March 2012
- 38 Mohammad Hadi Valipour, Mohammad Mehdi Homayounpour, Mohammad Amin Mehralian, "Automatic Digital Modulation Recognition in Presence of Noise using Support Vector Machine and Particle Swarm Optimization ", The 5th Electronic Warfare Conference, January 2012
- 39 Mohammad Amin Mehralian, Mohammad Mehdi Homayounpour, Mohammad Hadi Valipour, "Symbol Rate Recognition Robust against Center frequency offset and pulse shaping filter using the instantaneous frequency ", The 5th Electronic Warfare Conference, January 2012
- 40 Fahemeh Ghasemeyan Ghotbabadi, Mohammad Mehdi Homayounpour, "Towards better GMM-based Acoustic Modeling for Spoken Language Identification ", ICEE2011, May 2011
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- 43 Fahemeh Ghasemeyan Ghotbabadi, Mohammad Mehdi Homayounpour, "Automatic Language Identification using phonotactic Information using Acoustic Features ", CSICC2011, March 2011
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- 51 Ali Reza Khan Teymoori, Mohammad Mehdi Homayounpour, Mohammad Bagher Menhaj, "New Approach on Defuzzification of Type-2 Fuzzy Sets ", Fuzz-ieee 2009 Conference, August 2009
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Taught Courses

#	Course title	Description	Headlines	Date
1	Speech Processing & Recognition	-		Fall 2021
2	Text to Speech Conversion	In this course the students will become familiar with the functionality of the modules of a Text To Speech System. Conversion of Farsi text to speech is highly emphasised in this course.		Spring 2021
3	Speech Processing & Recognition	-		Fall 2020

Inventions/Patents

#	Invention title	Reg. number	Country	contributers	Reg. date	Exp. date
1	A noise subtraction algorithm in autocorrelation domain	38604699			2007/07/1	2027/07/1