دریافت با فرمت PDF

English

کتاب

عنوان
کور ثانی تاریخ انتشار نسخه نگارنده/ترجمان جلد های نیک شده در پروران


2. "DBMiP: A pre-training method for information propagation over deep networks", COMPUTER SPEECH AND LANGUAGE Vol. 55, Num. 0, Page 1-19, October 2018,

3. "Nonparametrically trained PLDA for short duration i-vector speaker verification", COMPUTER SPEECH AND LANGUAGE Vol. 52, Num. 0, Page 105-122, May 2018,

مقاله‌ها

دادرایه نیک شده در پروران


2. "DBMiP: A pre-training method for information propagation over deep networks", COMPUTER SPEECH AND LANGUAGE Vol. 55, Num. 0, Page 1-19, October 2018,

3. "Nonparametrically trained PLDA for short duration i-vector speaker verification", COMPUTER SPEECH AND LANGUAGE Vol. 52, Num. 0, Page 105-122, May 2018,

5 Mahdi Khademian, Mohammad Mehdi Homayounpour, "Monaural Multi-Talker Speech Recognition using Factorial Speech Processing Models", SPEECH COMMUNICATION, Vol. 98, Num. 0, Page 1-16, January 2018,

6 Mahdi Khademian, Mohammad Mehdi Homayounpour, "Feature joint-state posterior estimation in factorial speech processing models using deep neural networks", COMPUTERS & ELECTRICAL ENGINEERING, Vol. -, Num. 0, Page 1-14, June 2017,

7 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Effective sparsity control in deep belief networks using normal regularization term", KNOWLEDGE AND INFORMATION SYSTEMS, Vol. 36, Num. 3, Page 0-0, April 2017,

8 Abbas Khosravani, Mohammad Mehdi Homayounpour, "A PLDA approach for language and text independent speaker recognition", COMPUTER SPEECH AND LANGUAGE, Vol. 45, Num. 0, Page 457-474, April 2017,

9 Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour, "Dynamic Sparsity Control in Deep Belief Networks", INTELLIGENT DATA ANALYSIS, Vol. 21, Num. 4, Page 1-20, February 2017,

10 Mahdi Khademian, Mohammad Mehdi Homayounpour, "Modeling State-Conditional Observation Distribution Using Weighted Stereo Samples for Factorial Speech Processing Models", CIRCUITS SYSTEMS AND SIGNAL PROCESSING, Vol. 0, Num. 0, Page 0-0, March 2016,


15 Shahram Kalantari, Mohammad Mehdi Homayounpour, "Improvement in speed of speech synthesis using beam search and synthesis database pruning", Vol. 14, Num. 2, Page 49-58, February 2012,

16 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Variational conditional random fields for online speaker detection and tracking", SPEECH COMMUNICATION, Vol. 1, Num. 54, Page 763-780, January 2012,

17 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Text-Independent Speaker Verification Using Variational Gaussian Mixture Mode", ETRI JOURNAL, Vol. 33, Num. 6, Page 914-924, December 2011,

18 Fahemeh Ghasemeyan Ghotbabadi, Mohammad Mehdi Homayounpour, "Improvement in accuracy of GMM Model using PSK kernel in Spoken Language Identification", Vol. 39, Num. 3, Page 143-150, November 2011,

19 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Speaker Tracking Using Eigen decomposition and an Index Tree of Reference Models", ETRI JOURNAL, Vol. 33, Num. 5, Page 741-751, October 2011,


21 Nooshin Maghsoodi, Mohammad Mehdi Homayounpour, "Improvement in formant and concatenative speech synthesis by inspiring the Speech coders", Vol. 9, Num. 72, Page 7-14, July 2011,

22 Nooshin Maghsoodi, Mohammad Mehdi Homayounpour, "Improving Farsi Multiclass Text Classification


39 Mohammad Mehdi Homayounpour, "Speaker model and decision threshold updating in speaker

Abbas Khosravani, Mohammad Mehdi Homayounpour, "Nonparametrically Trained Probabilistic Linear Discriminant Analysis for i-Vector Speaker Verification ", Interspeech 2017, June 2017


Mahdiyeh 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


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


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


Mahdiyeh Ramezani, Mohammad Mehdi Homayounpour, "Long term noise cancellation using the difference of energy in the noise position for enhancing the old recorded voices ", CSICC2016, March 2016

Amirhossein Hajahmadi, Mohammad Mehdi Homayounpour, "Bottleneck Feature Extraction For Robust Speech Recognition with Noise Aware Training ", CSICC 2016, March 2016

Mahdiyeh 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

Mahdiyeh 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 (ISIPS2015), December 2015

<table>
<thead>
<tr>
<th>No.</th>
<th>Authors</th>
<th>Title</th>
<th>Conference</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour</td>
<td>&quot;Normal Sparse Deep Belief Network&quot;</td>
<td>The International Joint Conference on Neural Networks</td>
<td>July 2015</td>
</tr>
<tr>
<td>19</td>
<td>Mohammadali Keyvan Rad, Mohammad Mehdi Homayounpour</td>
<td>&quot;Using the Free Energy in the Mutual Convergence for Learning in Deep Neural Networks&quot;</td>
<td>The 12th Iranian Conference on Intelligent System</td>
<td>February 2015</td>
</tr>
<tr>
<td>20</td>
<td>Hamid Reza Hakim Davoodi, Mohammad Mehdi Homayounpour</td>
<td>&quot;Optimizing Spatio-Spectral Filters by Motor Imagery Pattern Quantification in Self-paced Brain Computer interface&quot;</td>
<td>The Seventh Symposium of Telecommunication</td>
<td>September 2014</td>
</tr>
<tr>
<td>21</td>
<td>Amin Naemi, Mohammad Mehdi Homayounpour</td>
<td>&quot;Nonlinear Channel Equalization using Hermit Artificial Neural Network&quot;</td>
<td>The Seventh Symposium of Telecommunication</td>
<td>September 2014</td>
</tr>
<tr>
<td>22</td>
<td>Abbas Khosravani, Mohammad Mehdi Homayounpour</td>
<td>&quot;Linearly Constrained Minimum Variance for Robust I-vector Based Speaker Recognition&quot;</td>
<td>Odyssey 2014: Speaker and Language Recognition</td>
<td>June 2014</td>
</tr>
<tr>
<td>25</td>
<td>Reza Vafashoar, Mohammad Mehdi Homayounpour</td>
<td>&quot;Voice activity detection based on positive selection and artificial immune systems&quot;</td>
<td>Nineteenth national CSI computer conference</td>
<td>March 2014</td>
</tr>
<tr>
<td>26</td>
<td>Hoda Sadat Jafari, Mohammad Mehdi Homayounpour</td>
<td>&quot;Keyword extraction from Speech Signal without Using of Transcription&quot;</td>
<td>The 19th Iranian Computer Society Conference</td>
<td>March 2014</td>
</tr>
<tr>
<td>28</td>
<td>Hoda Sadat Jafari, Mohammad Mehdi Homayounpour</td>
<td>&quot;Persian Speech Sentence segmentation without speech recognition&quot;</td>
<td>The 12th Iranian Conference on Intelligent System</td>
<td>February 2014</td>
</tr>
<tr>
<td>29</td>
<td>Amir Badamchi Ghandi, Mohammad Mehdi Homayounpour</td>
<td>&quot;Reduction of the State Observation Probability Computation Time in Isolated Word Recognition&quot;</td>
<td>The 12th Iranian Conference on Intelligent System</td>
<td>February 2014</td>
</tr>
<tr>
<td>31</td>
<td>Najmeh Eslami, Mohammad Mehdi Homayounpour</td>
<td>&quot;Feature Selection for Named Entity Recognition in Farsi Texts&quot;</td>
<td>The 5th Information Technology and knowledge</td>
<td>May 2013</td>
</tr>
<tr>
<td>32</td>
<td>Mohammad Mahdi Mahsuli, Mohammad Mehdi Homayounpour</td>
<td>&quot;Emotion Recognition from Persian Text&quot;</td>
<td>The 5th Conference on Information and Knowledge Technology</td>
<td>May 2013</td>
</tr>
<tr>
<td>33</td>
<td>Mohammad Mahdi Mahsuli, Mohammad Mehdi Homayounpour</td>
<td>&quot;Emotion Detection from Text&quot;</td>
<td>The 5th Information Technology and knowledge</td>
<td>May 2013</td>
</tr>
<tr>
<td>34</td>
<td>Abbas Khosravani, Reza Safabakhsh, Mohammad Mehdi Homayounpour</td>
<td>&quot;Robust Speaker Recognition in Noisy Environments using Sparse Representation&quot;</td>
<td>Information and Knowledge Technology IKT</td>
<td>May 2013</td>
</tr>
<tr>
<td>36</td>
<td>Najmeh Eslami, Mohammad Mehdi Homayounpour</td>
<td>&quot;One and Two Stage Named Entity Recognition in Farsi Language&quot;</td>
<td>The 5th Information Technology and knowledge</td>
<td>May 2013</td>
</tr>
<tr>
<td>Page</td>
<td>Title</td>
<td>Details</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Mohammad Amin Mehralian, Mohammad Mehdi Homayounpour, Mohammad Hadi Valipour, &quot;Symbol Rate Recognition Robust against Center frequency offset and pulse shaping filter using the instantaneous frequency &quot;</td>
<td>The 5th Electronic Warfare Conference, January 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Zeynab Sadate Tahajodi, Mohammad Mehdi Homayounpour, &quot;Design of a Letter To Sound System for Farsi Language using a Hybrid of rule based and Bayesian Network &quot;</td>
<td>CSICC2011, March 2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>Mohammad Ali Keyvanrad, Mohammad Mehdi Homayounpour, &quot;Automatic Age Identification in Audio Files &quot;</td>
<td>CSICC2011, March 2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>Nooshin Maghsoodi, Mohammad Mehdi Homayounpour, &quot;Using Thesaurus to Improve Multiclass Text Classification &quot;</td>
<td>, February 2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>Seyed Abbas Hosseini Amereei, Mohammad Mehdi Homayounpour, &quot;Using Probabilistic Characteristic Vector Based on Both Phonetic and Prosodic Features for Language Identification &quot;</td>
<td>IST2010, December 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>Mohammad Ali Keyvanrad, Mohammad Mehdi Homayounpour, &quot;Performance Improvement in Automatic Gender Identification Using Hierarchical Clustering &quot;</td>
<td>IST2010, December 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>Mohammad Ali Keyvanrad, Mohammad Mehdi Homayounpour, &quot;Home Robot Gender Identification &quot;</td>
<td>Rpbocup IranOpen 2010 Symposium, April 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Seyed Abbas Hosseini Amereei, Mohammad Mehdi Homayounpour, &quot;Improvement of Language Identification Performance by Generalized phone Recognizer &quot;</td>
<td>The 14th International CSI conference, CSICC2009, October 2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, &quot;A simple but efficient real time voice activity detection algorithm &quot;</td>
<td>, August 2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>Seyed Abbas Hosseini Amereei, Mohammad Mehdi Homayounpour, &quot;Improvement of language identification performance by aggregatedphone recognizer &quot;</td>
<td>, August 2009</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>Ali Reza Khan Teymoori, Mohammad Mehdi Homayounpour, Mohammad Bagher Menhaj, &quot;Bayesian Network Structural Learning Using Tabu Search &quot;</td>
<td>, March 2009</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

57 Raheleh Makki Niri, Mohammad Mehdi Homayounpour, "Word sense disambiguation of farsi homographs using thesaurus and corpus ", , August 2008

58 Mohammad Mehdi Homayounpour, "Speech acts classification of farsi texts ", , August 2008


60 Amir Hossein Haj Ahmadi, Mohammad Mehdi Homayounpour, S.M. Ahadi Sarkani, "A neural network based local SNR estimation for estimating spectral masks ", , August 2008

61 Amir Hossein Haj Ahmadi, Mohammad Mehdi Homayounpour, S.M. Ahadi Sarkani, "Robust weighted fuzzy C- means clustering ", , June 2008


64 Amir Hossein Haj Ahmadi, Mohammad Mehdi Homayounpour, S.M. Ahadi Sarkani, "Evaluation of the effects of autocorrelation sequence peak robustness on speaker identification systems ", ICEE-2008, May 2008


68 Mohammad Mehdi Homayounpour, Amir Hossein Haj Ahmadi, S.M. Ahadi Sarkani, "Noise-Robust Hybrid Feature Extraction for Speaker Identification ", , March 2008


70 [en-name N/A], Mohammad Mehdi Homayounpour, "Speech acts classification of farsi texts ", , March 2008


73 Mohammad Mehdi Homayounpour, Iman Rezaeian, "Robust speaker verification based on multi stage vector quantization of MFCC parameters on narrow bandwidth channels ", , February 2008


75 Mohammad Mehdi Homayounpour, Masoumeh Bahraini, "Performance improvement of farsi phoneme duration modeling using support vector machines SVM for farsi text to speech ", , November 2007
76 Masoomeh Bahraini, Mohammad Mehdi Homayounpour, Sina Irannejad, "Modeling fundamental frequency contours using the fujisaki model for persian text to speech systems ", , November 2007

77 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Estimating the number of speakers for speaker tracking using a hybrid of bayesian information criterion and ants colony clustering method ", , October 2007

78 Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Unknown multi speaker speech clustering based on a novel clustering criterion ", , October 2007

79 Gholamreza Farahani, S.M. Ahadi Sarkani, Mohammad Mehdi Homayounpour, "Improved autocorrelation based noise robust speech recognition using kernel based cross correlation and overestimation parameters ", , September 2007

80 [en-name N/A], Mohammad Mehdi Homayounpour, "Robust protein secondary structure verification using score normalization ", , September 2007


82 [en-name N/A], Mohammad Mehdi Homayounpour, Mehdi Shajari, "Intrusion Detection in Computer Networks Based on an Idea for Crime Detection in Human Communities ", 15th Iranian Conference on Electrical and Electronics Engineering, May 2007

83 Amir Hossein Haj Ahmadi, Mohammad Mehdi Homayounpour, Gholamreza Farahani, S.M. Ahadi Sarkani, "Noise-robust speaker identification using speech autocorrelation spectral peaks ", , February 2007

84 Gholamreza Farahani, S.M. Ahadi Sarkani, Mohammad Mehdi Homayounpour, Amir Kashi, "Consideration of correlation between noise and clean speech signals in autocorrelation-based robust speech recognition ", , February 2007

85 Ali Sadeghi Naini, Mohammad Mehdi Homayounpour, "Speaker age interval and sex identification based on Jitters, Shimmers and Mean MFCC using supervised and unsupervised discriminative classification methods ", , November 2006

86 Ali Sadeghi Naini, Mohammad Mehdi Homayounpour, "Speaker age interval & sex identification based on the jitters shimmers and mean MFCC using supervised unsupervised discriminative classification methods ", , November 2006


89 Mohammad Mehdi Homayounpour, Majid Namnabat, "Refining segmental boundaries using support vector machine ", , November 2006

90 Majid Namnabat, Mohammad Mehdi Homayounpour, "A Letter to Sound System for Farsi Language Using Neural Networks ", , November 2006

91 Javad Khoshduni Farahani, Mohammad Mehdi Homayounpour, "Robust feature extraction of speech via noise reduction in autocorrelation domain ", , September 2006

92 Gholamreza Farahani, S.M. Ahadi Sarkani, Mohammad Mehdi Homayounpour, "Robust feature extraction based on spectral peaks of group delay and autocorrelation function and phase domain analysis ", , September 2006

93 Babak Nassershahrf, Ahmad Akbari, Mohammad Mehdi Homayounpour, "Spectral Peaks Enhancement For Extracting Robust Speech Features ", , August 2006

94 Mohammad Mehdi Homayounpour, Majid Namnabat, "FarsBayan A unit selection based farsi speech synthesizer ", , August 2006
Gholamreza Farahani, S.M. Ahadi Sarkani, Mohammad Mehdi Homayounpour, Amir Kashi, "Robust feature extraction using spectral peaks of the filtered higher lag autocorrelation sequence of the speech signal", August 2006


Mohammad Mehdi Homayounpour, "Design and development of a very low bit rate phonetic vuvoder for Farsi language", April 2006

Vahid Asadpour, Farzad Towhidkhah, Mohammad Mehdi Homayounpour, "Phonetic evaluation of dynamic audio - visual speaker identification", April 2006

Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Unknown multi-speaker speech clustering using Bayesian information criterion as a cluster validity score", January 2006

Babak Nassershahaf, [en-name N/A], Mohammad Mehdi Homayounpour, "Application of HMM Adaptation and robust features to sub-band speech recognition in noise", December 2005

Gholamreza Farahani, Mohammad Mehdi Homayounpour, "Robust feature extraction using group delay function for speech recognition", October 2005

Gholamreza Farahani, S.M. Ahadi Sarkani, Mohammad Mehdi Homayounpour, "Robust features for noisy speech recognition based on filtering and spectral peaks in autocorrelation domain", October 2005

Majid Raissi Dehkordi, Mohammad Mehdi Homayounpour, Jahanshah Kabudian, "Hybrid score normalization schemes in discriminative and generative classifiers and its application to text-independent speaker verification", June 2005

Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Persian text normalization using classification tree and support vector machine", April 2005

Seyed Mohammad Hossein Moattar, Mohammad Mehdi Homayounpour, "Speech overlap detection using spectral features and its application in speech indexing", April 2005

Mohammad Mehdi Homayounpour, Hedyeh Razazan, "An efficient hybrid GMW / SVM classifier for open - set text - independent speaker identification", March 2005

Jahanshah Kabudian, Mohammad Reza Meybodi, Mohammad Mehdi Homayounpour, "Applying continuous action reinforcement learning automata (CARLA) to global training of hidden Markov models", July 2004

Mohammad Mehdi Homayounpour, Jahanshah Kabudian, "Applying continuous action learning automatic (carla) to global training of hidden mark model", April 2004


Mohammad Mehdi Homayounpour, "Speaker model and decision threshold updating in speaker verification.", June 2002

Mohammad Mehdi Homayounpour, G. Chollet, H. Wassner, "Performance evaluation of linear prediction fourier wavelet and wigner ville time frequency speech representations for speaker verification", March 1996

Mohammad Mehdi Homayounpour, G. Chollet, "Discrimination of voices of twins for speaker verification.", January 1996


Mohammad Mehdi Homayounpour, G. Chollet, "Neural nets approaches to speaker verification;
Comparison with second order Statistical Measures , January 1995

Mohammad Mehdi Homayounpour, G. Chollet, "A study of Intra_ and Inter_ Speaker Variability in Voices of Twins for Speaker Verification ", January 1995

Mohammad Mehdi Homayounpour, "Speaker Verification Via Supervised and NON_ Superised Neural Nets. ", January 1994


Mohammad Mehdi Homayounpour, G. Chollet, J. Vaissiere, "Etudes des Varibilites Intra et Inter Locuteur Provoquees par I Emotion et I Imitation pour les Systemes de Verification du Locuteur. ", January 1993

## 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 2020

## Speech Processing & Recognition

- 

Fall 2019

## Microprocessor and Assembly Language

On successful completion of this course students will be familiar with hardware and software aspects of microprocessor- and microcontroller-based systems (using a specific architecture such as AVR or ARM) including their internal architecture and mod

Spring 2019

## Digital Signal Processing

- 

Spring 2019

## Speech Processing & Recognition

- 

Fall 2018

## Microprocessor and Assembly Language

On successful completion of this course students will be familiar with hardware and software aspects of microprocessor- and microcontroller-based systems (using a specific architecture such as AVR or ARM) including their internal architecture and mod

Fall 2018