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Education:

Ph. D. [Queensland University of Technology](#), Brisbane, Australia, 2004, Thesis title: "Time-Frequency Based Detection of Newborn EEG Seizure".

M. Sc. [Amirkabir University of Technology](#), Tehran, Iran, 1996, Thesis title: "Designing an Automatic Farsi Syntax Analyser".

B. Sc. [Iran University of Science and Technology](#), Tehran, Iran, 1993, Project title: "Designing a 24-bit Microprocessor Using Microprogramming".

Academic Experience:

- Full Professor, Department of Computer Engineering & Information Technology, Shahrood University of Technology, Shahrood, Iran, since 2012.
- Associate Professor, Department of Computer & Information Technology, Shahrood University of Technology, Shahrood, Iran, 2008-2012.
- Assistant Professor, Computer Engineering, Department of Electrical Engineering, University of Mazandaran, Babol, Iran, 2004-2008.
- Visiting Professor, Faculty of Built Environment and Engineering, Queensland University of Technology, Australia, July – September 2009.
- Editor-in-Chief, **Journal of AI and Data Mining**, Shahrood University of Technology, Iran, Since 2012.
- Member, Editorial Board, **International Journal of Engineering**, Iran, Since 2011.
- Member, Editorial Board, **Iranica Journal of Energy & Environment**, Iran, Since 2010.
- Technical Chair, The 6th Conference on Information and Knowledge Technology, Shahrood, Iran, 2014.
- Technical Chair, The first International conference on Signal Processing and Intelligent System, Amir Kabir University of Technology, Tehran, Iran, 2015.
- Technical Chair, The Second International Conference on Signal Processing and Intelligent System (ICSPIS), Amir Kabir University of Technology, Tehran, Iran, 2016.
- Chair, The Third Iranian Conference on Signal Processing and Intelligent System (ICSPIS), Shahrood University of Technology, Shahrood, Iran, 2017.
- Member, Executive Director, Journal of Advances in Computer Research, Since 2010.
- Member of Technical Program Committee for the 6th International Workshop on Signal Processing and Its Applications.

- Keynote Speaker, 5th Conference on Basic Science, Ghaemshar, Iran, 2006.
- Technical member for the Fifth Australian Workshop on Signal Processing (WoSPA'02), Australia, 2002.
- Research Assistant: School of Electrical and Electronic Systems Engineering, Queensland University of Technology, Brisbane, Australia, 2003-2005.
- Teaching Assistant: Faculty of Information Technology, Queensland University of Technology, Brisbane, Australia, 2000-2004.
- Lecturer: Department of Computer Engineering, Azad University, Sari, Iran, 1996-2000.

Technical Areas of Interest:

- Data Mining
- Biomedical Signal Processing
- Time-Frequency Signal Processing and Analysis
- Text Syntax Analysing
- Image Processing
- Artificial Neural Networks

Academic Positions:

- Dean, Faculty of Computer Engineering & IT, Shahrood University of Technology, Shahrood, Iran, 2010- April 2017.
- Director, Computer Laboratory, Department of Computer & Electrical Engineering, Babol University of Technology, Babol, Iran, 2006 – 2008.
- Dean of Computing, Babol University of Technology, 2006-2009.
- Member, Research Committee, Iran Telecommunication, Mazandaran, 2006-2008.
- Member, ICT Promotion Board, Semnan Science & Technology Park, Semnan, Iran, 2005-2006.

Honors and Awards:

- Distinguished Professor of the Year in Research, Faculty of Computer Engineering & IT, Shahrood University of Technology , Shahrood, Iran, 2009~2018.
- Distinguished Professor of the Year, Semnan Province, Iran, 2017.
- Distinguished as the Celebrated Research Scientist in the Province of Mazandaran, Iran, 2008
- Distinguished Professor of the Year in Research, Department of Computer & Electrical Engineering, Babol University of Technology, Babol, Iran, 2006-2007.

Courses Taught:

❖ *Undergraduate*

- Assembly Language Programming
- Computer Architecture
- Data Structure

❖ *Postgraduate*

- Digital Signal Processing
- Advanced Digital Signal Processing
- Random Process

- Information Storage and Retrieval
- Signal & System
- Advanced Microprocessor
- Neural Networks
- Machine Learning
- Data Mining
- Digital Image Processing
- Advanced Digital Image Processing

Patent:

- B. Zehtabian, H. Hassanpour, and A. Zehtabian, “Versatile Data Emulator”, *I.R. Iran National Patent 71353*, September 2011.
- H. Hassanpour, and S. Asadi, “Image Enhancement Using Gamma Correction”, *I.R. Iran National Patent 78949*, March 2013.

Publication:

Books and Book Chapters

- [10] H. Hassanpour and S. Asadi Amiri, *Comprehensive Concepts in Digital Image Processing: With the implementation of the algorithms using MATLAB*, Shahrood University of Technology, 2016. (ISBN 978-600-7153-40-6) (in Persian)
- [9] H. Hassanpour and B. Boashash, “Subspace Noise Filtering Using Time-Frequency Distributions”, in: B. Boashash (Ed.), *Time-Frequency Signal Analysis and Processing: A Comprehensive Reference*, Second Ed., Elsevier, Oxford, 2015, pp. 670-678 (Chapter 11, Article 11.5)
- [8] H. Hassanpour and M. Yadollahzadeh, *Data Mining Using Weka*, Shahrood University of Technology, 2015. (in Persian)
- [7] M. Ghasemzadeh, H. Hassanpour and M.R. Meybodi, *Formal Languages and Automata*, Shahrood University of Technology Shahrood, Iran, 2013. (*Translation to Persian*)
- [6] A. Zehtabian, H. Hassanpour, S. Zehtabian, “Singular Vector Based Approaches for Speech Enhancement” in *Signal Processing: New Research (Engineering Tools, Techniques and Tables)*, Nove Publisher, New York, 2013. (ISBN **978-162-8081-41-1**)
- [5] H. Hassanpour and H. Bozorgian, *Specialized English for Computer Engineering*, Shahrood University of Technology, 2013. (ISBN 978-964-7668-95-8)
- [4] H. Hassanpour, H. Yousefian, and A. Zehtabian, “Pixon-Based Image Segmentation” in *Image Segmentation*, Intech Open Access Publisher, 2011. (ISBN 978-953-307-228-9)
- [3] H. Hassanpour, *Newborn EEG Seizure Detection*, Lambert Academic Publishing, 2009.

[2] H. Hassanpour and M. Mansoori , *Internet and The advanced techniques for Information Retrieval* , Mazandaran Institute of Technology, 2008.

[1] H. Hassanpour , *Easy Learning Assembly Language Programming* , Shelfein, Sari, 2005.

Journal Papers

[137] T. Askari, H. Hassanpour, and V. Abolghasemi “Blind Motion Image Deblurring Using and Effective Blur Kernel”, *Multimedia Tools and Applications, Springer (accepted)*

[136] E. Alipour, H. Hassanpour, M. Fateh “Blur Classification in Images with Global Blur”, *Journal of Machine Vision and Image Processing*, (accepted) (in Persian)

[135] M. H. Khosravi and H. Hassanpour “Blind Quality Metric for Contrast-Distorted Images Based on Eigen-decomposition of Color Histograms”, *IEEE Transactions on Circuits and Systems for Video Technology*. DOI: 10.1109/TCSVT.2018.2890457 (accepted)

[134] M. H. Khosravi and H. Hassanpour “Image Quality Assessment Using a Novel Region Smoothness Measure”, *Journal of Visual Communication and Image Representation*, Vol. 60, pp. 217-228, 2019. (doi: [10.1016/j.jvcir.2018.11.019](https://doi.org/10.1016/j.jvcir.2018.11.019))

[133] H. Hassanpour, F. Azari, S. Asadi, “ Adaptive Image Dehazing via Improving Dark Channel Prior”, *International Journal of Engineering*, Vol. 32, No 2, pp. 247-253, 2019.

[132] H. Hassanpour, R. Ebadi, A. Zehtabian, and Z. Amiri “Reduction of Metal Artifact in Dental Computed Tomography by Homomorphic Wavelet Filtering in Sinogram Domain ”, *Iranian Journal of Energy and Environment (IJEE)*, Vol 9, No. 4, pp. 263-270 , 2018, DOI: 10.5829/ijee.2018.09.04.06

[131] S. Asadi and H. Hassanpour , “A Saliency Detection Model via Fusing Extracted Low-level and High-level Features from an Image”, *AUT Journal of Electrical Engineering*. (DOI: [10.22060/ej.2018.13787.5189](https://doi.org/10.22060/ej.2018.13787.5189))

[130] A. Ghanbari, H. Hassanpour, M. Fateh, “Improvement of the R-FCN's deep network in object detection and annotation”, *Journal of Machine Vision and Image Processing*, (accepted) (in Persian)

[129] B. Rahimpour, H. Hassanpour, H. Mashayekhi, "User Preferences Modeling using Dirichlet Process Mixture Model for a Content-Based Recommender System”, *Knowledge-Based Systems*, Vol. 163, pp. 644-655, 2019. (<https://doi.org/10.1016/j.knosys.2018.09.028>)

[128] H. Hassanpour and N. Samadiani, "A New Image Enhancement Method Considering Both Dynamic Range and Color Consistency”, *Scientia Iranica*. (accepted) (doi: 10.24200/SCI.2018.5503.1312)

[127] H. Hassanpour, O. Kohansal, and S. Asadi , “**Robust Face Recognition under Variable Illumination, Pose, and Partial Coverage**”, *Journal of Computing and Security*. (accepted)

- [126] H. Hassanpour and S. Asadi , “Improving Image Dynamic Range For An Adaptive Quality Enhancement Using Gamma Correction”, *The CSI Journal on Computer Science and Engineering (JCSE)*; Vol. 16, No. 1, pp. 32-44, 2018.
- [125] H. Hassanpour, N. Nowrozian, M.M. AlyanNejadi, and N. Samadiani, “Image Zooming Using a Multi-layer Neural Network”, *The Computer Journal*. Vol. 61, No 11, pp. 1737–1748, 2018. (<https://doi.org/10.1093/comjnl/bxy092>)
- [124] H. Hassanpour and M.M. AlyanNejadi, “System Modeling for Optimization with a Small Set of Data Using Neural Networks”, *Journal of Industrial Engineering, University of Tehran*, Vol 52, No 1, pp. 25-35, 2018. (DOI: 10.1007/s11042-017-4763-1)
- [123] H. Hassanpour and M.M. AlyanNejadi, and F. Zare, “A New High Frequency Grid Impedance Estimation Technique for the Frequency Range of 2 kHz to 150 kHz”, *International Journal of Engineering*, Vol 31, No 10, pp. 1666-1674 , 2018.
- [122] M. Habibi, A. Ahmadifard, and H. Hassanpour “Single Image Resolution Enhancement Considering Neighborhood Pixels and Self Learning”, *Iranian Journal of Electrical and Computer Engineering*. (accepted) (in Persian)
- [121] S. Asadi and H. Hassanpour, and O. Marouzi “No-reference image quality assessment based on localized discrete cosine transform for JPEG compressed images”, *Multimedia Tools and Applications, Springer*, Vol 77, No 1, pp. 787-803 , 2018. (DOI: 10.1007/s11042-016-4246-9)
- [120] M. Biglari, A. Soleimani, and H. Hassanpour, “A Cascaded Part-based System for Fine-grained Vehicle Classification”, *IEEE Transactions on Intelligent Transportation Systems*, Vol 19, No 1, pp. 273 – 283, 2018. (doi: 10.1109/TITS.2017.2749961)
- [119] M. Fadavi Amiri, A. Soleimani, H. Hassanpour and M. Shamekhi Amiri “GENERATION OF SYNTHETIC EARTHQUAKE RECORDS BY ARTIFICIAL INTELLIGENCE TECHNIQUES”, *International Journal of Optimization in Civil Engineering*, Vol 8, no 1, pp. 15-28, 2018.
- [118] S. Asadi and H. Hassanpour, “Image Compression Using JPEG With Reduced Blocking Effects via Adaptive Down-sampling and Self-learning Image Sparse Representation”, *Multimedia Tools and Applications, Springer*, Vol 77, No 7, pp. 8677-8693 , 2018. (DOI: 10.1007/s11042-017-4763-1)
- [117] S. Akhlaghi , H. Hassanpour, V. Abolghasemi “Face modeling using morphing-based averaging and low-rank decomposition”, *Journal of Iranian Association of Electrical and Electronics Engineers*, Vol 15, No 2, pp. 55-67, 2018. (in Persian)
- [116] S. J. Seyyedyazdi and H. Hassanpour “Improving Super-resolution Techniques via Employing Blurriness Information of the Image”, *International Journal of Engineering, Transaction B: Applications*, Vol 31, No. 2, pp. 220-228, 2018.
- [115] M. M. Bakhshi, H. Hassanpour, and M. Fateh, “Spatial-Frequency Features Extracting for Facial Image Retrieval from a Big Image Database ”, *Tabriz Journal of Electrical Engineering*, Vol 48, No 2, pp. 509-517 , 2018. (In Persian)
- [114] A. Farzad, H. Mashayekhi, H. Hassanpour, "A Comparative Performance Analysis of Different Activation Functions in LSTM Networks for Classification " , *Neural Computing and Applications* . (doi: 10.1007/s00521-017-3210-6) (accepted)
- [113] M. M. AlyanNezhadi, F. Zare, and H. Hassanpour “Grid Impedance Estimation using Several Short-term Low Power

Signal Injections”, *AUT Journal of Electrical Engineering*, Vol 50, No. 2, pp 69-176, 2018. (DOI: [10.22060/ej.2017.12501.5091](https://doi.org/10.22060/ej.2017.12501.5091))

[112] F. Rohani and H. Hassanpour “Torque Signal Analysis of Drill String for Stuck Prediction”, *Petroleum Research*, Vol 27, No. 97 , PP. 116-128, 2018. (In Persian)

[111] M. Biglari, A. Soleimani, and H. Hassanpour “Using Discriminating Parts for Vehicle Make and Model Recognition”, *Journal of Signal and Data Processing*, Vol 15, No. 3, pp. 41-54, 2018. (in Persian)

[110] M. Biglari and A. Soleimani, H. Hassanpour “A Cascading Scheme for Speeding up Multiple Classifier”, *Pattern Analysis and Applications*. (doi: 10.1007/s10044-017-0637-4) (accepted)

[109] M. Shahabi, H. Hassanpour, H. Mashayekhi, "Rule Extraction for Fatty Liver Detection using Neural Networks" , *Neural Computing and Applications* . (DOI: 10.1007/s00521-017-3130-5) (accepted)

[108] B. Rahimpour, H. Hassanpour, H. Mashayekhi, "User Trends Modeling for a Content-Based Recommender Systems " , *Expert Systems With Applications*, Vol 87, pp. 209-219, 2017 . (DOI: 10.1016/j.eswa.2017.06.020)

[107] M. Biglari, A. Soleimani, and H. Hassanpour, “A Novel Cascading Scheme to Improve Speed and Accuracy of a VMMR System”, *Iranian Journal of Electrical and Computer Engineering*, Vol 15, No 3, pp. 200-210, 2017.

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[105] A. Ghanbari, M. Fateh, and H. Hassanpour “Intelligent Identifications and filtering of unconventional images based on deep neural networks, *Journal of Signal and Data Processing*, Vol 15, No. 2, 2018.(In Persian)

[104] M. H. Khosravi, H. Hassanpour, and A. Ahmadifard “A Content Recognizability Measure For Image Quality Assessment Considering the High Frequency Attenuating Distortions”, *Multimedia Tools and Applications*, Springer, Vol 77, No. 6, pp. 7357-7382, 2018. (DOI:10.1007/s11042-017-4636-7)

[103] M.R. Gandomi and H. Hassanpour “Behavioral Analysis of Traffic Flow for An Effective Network Traffic Identification”, *International Journal of Engineering, Transaction B: Application*, Vol 30, no 11, pp. 1558 – 1567, 2017. (DOI: 10.5829/ije.2017.30.11b.15)

[102] H. Hassanpour and N. Samadiani, and F. Akbarzadeh “A Modified SOM Neural Network to Recognize Multi-Font Printed Persian Numerals”, *International Journal of Engineering, Transaction B: Application*, Vol 30, no 11, pp. 1538 – 1547, 2017.

[101] Z. Mortezaei, H. Hassanpour, and S. Asadi “Image Enhancement Using an Adaptive Un-Sharp Masking Method Considering the Gradient Variation”, *International Journal of Engineering, TRANSACTIONS B: Applications*, Vol 30, No 8, pp. 1118-1125 , 2017. (doi:10.5829/idosi.ije.2017.30.08b.02)

[100] H. Hassanpour, and A. Gholami “Human Identification Using Finger Vein Images in Radon Space and Common Spatial Pattern”, *Iranian Journal of Electical and Computer Engineering, Iran*, Vol 15, No 1, pp. 46-54, 2017. (in Persian)

- [99] T. Askari, H. Hassanpour, and V. Abolghasemi “Local Motion Deblurring Using an Effective image prior based on both the first- and second-order gradients”, *Machine Vision and Applications, Springer, vol 28, no.3, pp. 431-444, 2017.* (doi: 10.1007/s00138-017-0824-8)
- [98] M. H. Khosravi and H. Hassanpour “A Novel Image Structural Similarity Index Considering Image Content Detectability Using Maximally Stable Extremal Region Descriptor”, *International Journal Engineering, Vol 30, No 2, pp. 172-181, 2017.* (DOI:10.5829/idosi.ije.2017.30.02b.03)
- [97] N. Dehghan and H. Hassanpour “Employing Image Processing Techniques for Cancer Detection Using Microarray Images”, *Computers in Biology and Medicine, Elsevier, Vol 81, pp. 139-147, February 2017.* (DOI:10.1016/j.compbimed.2016.12.012)
- [96] N. Dehghan, H. Hassanpour, M. R. Abbaszadegan, “Microarray Images Analysis to Detect Breast Cancer”, *Razi Journal of Medical Sciences , Vol 23, No. 152, pp. 77-87, 2017. (in Persian)*
- [95] M. H. Khosravi and H. Hassanpour, “Model-based Full Reference Image Blurriness Assessment”, *Multimedia Tools and Applications, Springer, Vol. 26, no. 2, pp 2733–2747, January, 2017.* DOI: 10.1007/s11042-015-3149-5
- [94] M. Biglari, A. Soleimani, and H. Hassanpour “Vehicle Make and Model Recognition Using the Ensemble of Logistic Regression Classifiers”, *Journal of Machine Vision and Image Processing, Vol. 4, no. 1, pp. 29-39, 2017. (in Persian)*
- [93] T. Askari , and H. Hassanpour, “Image Colorization Using Pixonal-based Image Segmentation and Fuzzy-set Theory”, *Journal of Soft Computing and Information technology, Vol 6, No 1, pp. 52-58, 2017. (in Persian)*
- [92] A. Sebti and H. Hassanpour “Body Orientation Estimation with the Ensemble of Logistic Regression Classifiers”, *Multimedia Tools and Applications, Springer. Vol. 76, No. 22, pp. 23589–23605, Nov. 2017. (DOI: 10.1007/s11042-016-4129-0)*
- [91] A. Sebti and H. Hassanpour “Body Orientation Estimation Using Contour Information”, *Iranian Journal of Electical and Computer Engineering, Iran, Vol 14, No 4, pp. 322-332, 2017. (in Persian)*
- [90] T. Askari, H. Hassanpour, and V. Abolghasemi “Non-blind image deconvolution using a regularization based on re-blurring process”, *Computer Vision and Image Understanding, Elsevier, vol 154, pp. 16-34, 2017.* <http://dx.doi.org/10.1016/j.cviu.2016.09.013>
- [89] S. Asadi and H. Hassanpour, “Providing a method for image preprocessing to improve the performance of JPEG 2000 in image compression”, *Journal of Modeling in Engineering, No 48, pp 247-257, 2017. (in Persian)*
- [88] T. Askari, H. Hassanpour, and V. Abolghasemi “Automatic Estimation and Segmentation of Partial Blur in Natural Images”, *The Visual Computer, Springer, Vol 33, No 2, pp 151–161, February 2017. DOI: 10.1007/s00371-015-1166-z*
- [87] N. Dehghan, H. Hassanpour, and M. R. Abbaszadegan, “Fully Automatic Classification of Breast Cancer Microarray Images”, *Journal of Electrical Systems and Information Technology, Elsevier, Vol. 3, No. 2, pp. 348–359, 2016.*
- [86] S. Asadi and H. Hassanpour “Deblocking JPEG compressed images via self-learning sparse representation”, *International Journal Engineering, Vol 29, No 12, pp. 1684-1690, 2016. (DOI:10.5829/idosi.ije.2016.29.12c.07)*

- [85] M. Shahabi and H. Hassanpour, "Using the Artificial Intelligence Techniques for Diagnosing of intensity of Non-Alcoholic Fatty Liver Disease by Clinical Parameters", *Journal of Knowledge & Health*, Vol. 11, No. 3, pp. 69-75, 2016. (In Persian)
- [84] T. Askari, H. Hassanpour, and V. Abolghasemi "A Noise-Immune No-Reference Metric for Estimating Blurriness value of an Image", *Signal Processing: Image Communication, Elsevier*, vol 47, pp. 218–228, 2016. DOI: [10.1016/j.image.2016.06.009](https://doi.org/10.1016/j.image.2016.06.009)
- [83] M. M. Alyannejadi and H. Hassanpour "Signal Processing and Analysis Using Time-frequency Distributions", *Computing Science Journal*, Vol 2, 2016. (in Persian)
- [82] S. Asadi and H. Hassanpour, "Providing a method for image preprocessing to improve the performance of JPEG", *Journal of Signal and Data Processing*, no 28, 2016. (In Persian)
- [81] A. Nikoo, A. Roshandel Kahoo, H. Hassanpour, and H. Saadatnia "Using a Time-Frequency Distribution to Identify Buried Channels in Reflection Seismic Data", *Digital Signal Processing, Elsevier*, vol 54, pp 54-63, 2016. (doi:[10.1016/j.dsp.2016.03.008](https://doi.org/10.1016/j.dsp.2016.03.008))
- [80] T. Askari, H. Hassanpour, and V. Abolghasemi "Image Blur Map Estimation Based on the Difference between Surrounding Block of Pixel and Its Blurred Version", *Journal of Machine Vision and Image Processing*, Vol 3, no 1, 2016. (in Persian)
- [79] F. Akbarzadeh, H. Hassanpour, and S. Emamgholizadeh "Groundwater level prediction of Shahrood plain using RBF Neural Networks", *Journal of Watershed Management Research*, Vol 7, No 13, pp 104-118, 2016. (in Persian)
- [78] H. Hassanpour, A. Zehtabian, A. Nazari, and H. Dehghan, "Gender Classification Based on Fuzzy Clustering and Principal Component Analysis", *IET Computer Vision*, vol. 10, no. 3, pp. 228-233, 2016. (DOI: [10.1049/iet-cvi.2015.0041](https://doi.org/10.1049/iet-cvi.2015.0041))
- [77] A. Ghanbari, and H. Hassanpour, "People Tracking and Reidentification in Indoor Cameras Network with Disjoint Views Using a Fuzzy System", *Journal of Iranian Association of Electrical and Electronics Engineers* vol 13, no2, 2016. (in Persian)
- [76] A. Darvishi H. Hassanpour, "A Geometric View of Similarity Measures in Data Mining", *International Journal of Engineering*, Vol. 28, No 12, pp. 1731-1740, 2015.
- [75] S. Asadi and H. Hassanpour, "Improving the Performance of Predictive Encoder by Changing the Image Content Arrangement Using Genetic Algorithm", *Journal of Machine Vision and Image Processing*, vol 2, no 2, pp. 39-49, 2015. (in Persian)
- [74] A. Ghanbari, H. Hassanpour, and P. L. Mazzeo, "People re-identification in non-overlapping FOVs using cumulative brightness transform function and body segments in different color spaces", *International Journal of Engineering*, Vol. 28, No 12, pp. 1711-1720, 2015.
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- [72] N. Samadiani, and H. Hassanpour, "A Neural Network-based approach to Recognizing Multi-font printed English characters", *Journal of Electrical Systems and Information Technology, Elsevier*, Vol. 2, No. 2, pp. 207–218, 2015.
- [71] H. Hassanpour, N. Samadiani, and M. Mahdi Salehi "Using Morphological Transforms to Enhance the Contrast of Medical images", *The Egyptian Journal of Radiology and Nuclear Medicine, Elsevier*, vol 46, no 2, pp 481-489, 2015.
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- [66] H. Hassanpour and N. Samadiani, "Recognition of Multi-font English Numerals using SOM Neural Network", *International Journal of Computer Applications*, vol 98, no. 4, pp. 37-43, 2014.
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- [64] H. Khosravi, H. Hassanpour "Image Denoising Using Anisotropic Diffusion Equations on Reflection and illumination Components of Image", *International Journal of Engineering*, vol 27, no. 9, pp, 1339-1348, 2014.
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- [62] H. Azami, H. Hassanpour, and M. Anisheh "An Improved Automatic EEG Signal Segmentation Method based on Generalized Likelihood Ratio", *International Journal of Engineering*, vol 27, no 7, 2014.
- [61] N. Nowrouzian, H. Hassanpour, "Image Zooming using non-Linear Partial Differential Equation", *International Journal of Engineering*, vol 27, no 1, 2014.
- [60] H. Dehghan, Ali A. Pouyan, H. Hassanpour, "Detection of Alzheimer's Disease Using Multitracer Positron Emission Tomography Imaging", *International Journal of Engineering* vol 27, no 1, 2014.
- [59] H. Hassanpour, S. Madani "Improving Accuracy of Document Clustering in Farsi Using Farse-Net Ontology", *Journal of Soft Computing and Information Technology*, Vol 3, no 1, 2014.(In Persian)
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of Software Designed to Detect Mach Band Effect”, *Journal of Babol University of Medical Sciences*, vol 15, no 4, July 2013. (in Persian) .

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[53] M. Mansoori, H. Hassanpour, “Investigating Embedded Question Reuse in Question Answering”, *International Journal of Engineering*, Vol. 26, No 3, 245-256 , 2013.

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[51] H. Hassanpour, A. Rostami Ghadi, “Image Enhancement Via Reducing Impairment Effects on Illumination and Reflection components”, *Journal of Signal and Data Processing*, vol 1, no 15, 2012. (in Persian) .

[50] S. Khodabakhshi, H. Hassanpour “Automatic Lane Extraction in Hemoglobin and Serum Protein Electrophoresis Using Image Processing”, *Journal of Advances in Computer Research*, vol 3, no 4, 2012.

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