

Amir-Masud Eftekhari-Moghadam  
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## *Amir-Masud Eftekhari-Moghadam*

### ● Academic Qualifications

#### ● Doctor of Philosophy (Ph.D.)

- *Period:* Feb. 1996 – March 2002
- *Field of Study:* Image Retrieval
- *School:* Computer Engineering Dept., Technical and Engineering Faculty, Science and Research Campus, Islamic Azad University, Tehran, Iran
- *Thesis Title:* Image Indexing Based on the Genealogical Relation of Tree-Structured Vector Quantization (TSVQ) Indices

#### ● Master of Science (M.Sc.)

- *Period:* Sep. 1992 – Sep. 1995
- *Field of Study:* Computer Systems Architecture
- *School:* Computer Engineering Faculty, Iran University of Science and Technology, Tehran, Iran
- *Thesis Title:* Printed Circuit Board Inspection System Using Computer Vision

#### ● Bachelor of Science (B.Sc.)

- *Period:* Feb. 1988 – June 1992
- *Field of Study:* Hardware Computer Engineering
- *School:* Computer Engineering Faculty, Iran University of Science and Technology, Tehran, Iran

### ● Research Interests

- Big Data Analysis
- Data Science
- Image Retrieval
- Pattern Recognition
- Data Mining
- Multi-Resolution Image/Video Compression
- Multi Media Information Analysis

### ● Positions

- **Associate Professor**
- **Head of Computer Architecture Engineering Department**
  - *Period:* Feb. 2008 – Now
- **Executive Manager of “*Journal of Computer and Robotics*”**
  - *Period:* Sep. 2008 – 2012

## ● Projects

### ● Semantic Soccer Video Analysis

- *Period:* Dec. 2009 - 2011
- *Sponsor:* Islamic Republic of Iran Broadcasting (IRIB), Tehran, Iran

### ● E-Health Research Management

- *Period:* March 2005
- *Sponsor:* IT Applications Dept., Iran Telecom Research Center, Tehran, Iran

### ● An Image Mining Prototype System

- *Period:* Jan. 2004 – March 2005
- *Sponsor:* Image Mining Research Lab., IT Applications Dept., Iran Telecom Research Center, Tehran, Iran

### ● An Image Retrieval Test-Bed Platform Based on the MPEG-7

- *Period:* March. 2004 – Dec. 2004
- *Sponsor:* Image Mining Research Lab., IT Applications Dept., Iran Telecom Research Center, Tehran, Iran

### ● A TSVQ-Based Image Retrieval System in Compressed Domain

- *Period:* Sep. 1999 – March 2002
- *Sponsor:* Multimedia Lab., Iran Computer Engineering Dept., Technical and Engineering Faculty, Science and Research Campus, Islamic Azad University, Tehran, Iran

### ● A Shape-Based Image Retrieval System Using Edge Correlation

- *Period:* Sep. 1998 – March 2001
- *Sponsor:* Multimedia Lab., Iran Computer Engineering Dept., Technical and Engineering Faculty, Science and research Campus, Islamic Azad University, Tehran, Iran

## ● Honors and Awards

### ● Award as the Selected Researcher of Computer Dept. of Qazvin Islamic Azad University ;

- Dec. 2013

### ● Award as the Selected Researcher of Computer Dept. of Qazvin Islamic Azad University;

- Dec. 2012

### ● Iranian Ministry of Information and Communication Technology Award as Selected Researcher;

- Dec. 2005

## ● List of Publications

### ● Journal Papers

1. R. Farjaminezhad, S. Safari and A.M. Eftekhari Moghadam, “Modeling of single/multiple-bit upset effects on logic circuits applying Recurrent Neural Network”, *Software Practice and Experience*, Vol. 117, Nov. 2021.
2. S. Jahanbakhsh Gudakahriz, A.M. Eftekhari Moghadam and F. Mahmoudi, “Opinion Texts Clustering Using Manifold Learning Based on Sentiment and Semantics Analysis”, *Scientific Programming*, Vol. 2021, Oct. 2021.
3. H.R.. Kadkhodaei, A.M. Eftekhari-Moghadam and M. Dehghan, “Big data classification using heterogeneous ensemble classifiers in Apache Spark based on MapReduce paradigm”, *Expert Systems With Applications*, Vol. 183, Nov. 2021.
4. M. Mozaffari, E. Nazemi and A.M. Eftekhari-Moghadam, “CONST: Continuous online NoSQL schema tuning”, *Software: Practice and Experience*, Vol.51, Issue 5, May 2021.

5. R. Farjaminezhad, S. Safari and A.M. Eftekhari Moghadam, "Recurrent neural networks models for analyzing single and multiple transient faults in combinational circuits", *Software Practice and Experience*, Vol. 112, June 2021.
6. N. Ostvar and A.M. Eftekhari-Moghadam, "HDEC: A Heterogeneous Dynamic Ensemble Classifier for Binary Datasets", *Computational Intelligence and Neuroscience*, Vol. 2020, Dec. 2020.
7. M. Mozaffari, E. Nazemi and A.M. Eftekhari-Moghadam, "A New Solution for Workload Change Detection in Self-Tuning NoSQL Database", *Journal of Computer and Robotics*, Vol. 49, No. 3, Fall 1398 (in Persian).
8. H.R.. Kadkhodaei, A.M. Eftekhari-Moghadam and M. Dehghan, "HBoost: A heterogeneous ensemble classifier based on the Boosting method and entropy measurement", *Expert Systems With Applications*, Vol. 157, Nov. 2020.
9. M. Mozaffari, E. Nazemi and A.M. Eftekhari-Moghadam, "Feedback control loop design for workload change detection in self-tuning NoSQL wide column stores", *Expert Systems With Applications*, Vol. 142, March 2020.
10. M. Soheili and A.M. Eftekhari-Moghadam, "DQPFS: Distributed quadratic programming based feature selection for big data", *Journal of Parallel and Distributed Computing*, Vol. 138, pp. 1-14, April 2020.
11. M. Soheili, A.M. Eftekhari-Moghadam and M. Dehghan, "Statistical Analysis of the Performance of Rank Fusion Methods Applied to a Homogeneous Ensemble Feature Ranking", *Scientific Programming*, pp. 1-14, Sep. 2020.
12. Z. Sahraei and A.M. Eftekhari Moghadam, "A New Approach to Improve Tracking Performance of Moving Objects with Partial Occlusion", *Journal of Computer and Robotics*, Vol. 12, 2019.
13. F. Aeini, A.M. Eftekhari-Moghadam and F. Mahmoudi, "A Supervised Method for Building A Regularized Map for General Multi-View Multi-Manifold Learning", *Journal of Soft Computing and Information Technology*, Vol. 8, No. 4, Winter 2019.
14. S. Jahanbakhsh Gudakahriz, A.M. Eftekhari Moghadam and F. Mahmoudi, "An Experimental Study on Performance of Text Representaton Models for Sentiment Analysis", *Journal of Information systems and Telecommunication*, Vol. 7, No. 4, Dec. 2019.
15. F. Aeini, A.M. Eftekhari-Moghadam and F. Mahmoudi, "A regularized approach for unsupervised multi-view multi-manifold learning", *Signal, Image and Video Processing*, Vol. 13, pp. 253–261, 2019.
16. F. Aeini and A.M. Eftekhari-Moghadam, "A regularized point-to-manifold distance metric for multi-view multi-manifold learning", *Engineering Applications of Artificial Intelligence*, Vol. 82, pp. 85-95, June 2019.
17. R. Farjaminezhad, S. Safari and A.M. Eftekhari Moghadam, "Soft Error Rate Estimation of Logic Circuits Using Recurrent Neural Networks", *Journal of Computer and Robotics*, Vol. 12, 2019.
18. F. Aeini, A.M. Eftekhari-Moghadam and F. Mahmoudi, "A regularized approach for supervised multi-view multi-manifold learning from unlabeled data", *Applied Intelligence*, Vol. 49, pp. 3173–3187, 2019.
19. M. Mozaffari, E. Nazemi and A.M. Eftekhari Moghadam, "A New Solution for Workload Change Detection in Self-Tuning NoSQL Database", *Journal of Electrical Engineering -Tabriz University*, Vol. 49, No. 3, Fall 1396, (In Persian).
20. R. Bejani, M. Kalantari and A.M. Eftekhari-Moghadam, "A Game Theory Framework to Cooperate Nodes in Malicious Nodes Detection Process in Wireless Sensor Network", *Journal of Computer and Robotics*, Vol. 47, No. 4, Winter 1396 (in Persian).
21. F. Aeini, A.M. Eftekhari-Moghadam and F. Mahmoudi, "Supervised hierarchical neighborhood graph construction for manifold learning", *Signal, Image and Video Processing*, Vol. 12, pp. 799–807, 2018.
22. R. Bejani, M. Kalantari and A.M. Eftekhari Moghadam, "A Game Teory Framework to Cooperate Nodes Detection Preece in Wirelless Sensor Network", *Journal of Electrical Engineering -Tabriz University*, Vol. 47, No. 4, Winter 1396, (In Persian).
23. N. Khanbani and A.M. Eftekhari Moghadam, "Presentation of A Sign Language Recognition Methods based on Fuzzy MLRF Approach using Depth Image Information", *Journal of Electrical Engineering -Tabriz University*, Vol. 47, No. 3, Fall 1396, (In Persian).
24. S. Sajasi and A.M. Eftekhari-Moghadam, "An adaptive image steganographic scheme based on Noise Visibility Function and an optimal chaotic based encryption method", *Applied Soft Computing*, Vol. 30, pp. 375-389, May 2015.

25. N. Esfandyari, M.R. Babavalian, A.M. Eftekhari-Moghadam and V, Kashani Tabar, "Knowledge Discovery in Medicine: Current Issue and Future Trends", *Expert Systems with Applications*, Vol. 41, Issue 9, pp. 4434-4463, July 2014.
26. S. Nazari, A.M. Eftekhari-Moghadam and M.S. Moin, "A Novel Image Steganography Scheme Based on Morphological Associative Memory and Permutation Scheme", *Security and Communication Networks*, Vol. 8, Issue 2, pp. 110-121, Feb. 2014.
27. S. M. Ayatollahi, A.M. Eftekhari-Moghadam and M.S. Hosseini, "A Taxonomy of Depth Map Creation Methods used in Multiview Video Compression", *Multimedia Tools and Applications*, Vol. 72, Issue 2, pp. 1877-1902, Sep. 2014.
28. N. Sohlevarid and A.M. Eftekhari-Moghadam, "Improving Monte Carlo Method by Parallel Generation of Random Numbers Based on Simulation Area", *Applied Mathematics in Engineering, Management and Technology*, pp. 977-986, Sep. 2014.
29. A. Tazaree, A.M. Eftekhari-Moghadam and S. Sajjadi-Ghaem-Maghani, "A Semantic Image Classifier Based on Hierarchical Fuzzy Association Rule Mining", *Multimedia Tools and Applications*, Vol. 69, Issue 3, pp. 921-949, April 2014.
30. P. Oskouei, S. Alipour and A.M. Eftekhari-Moghadam, "Multimodal Feature Extraction and Fusion for Semantic Mining of Soccer Video: A Survey", *Artificial Intelligence Review*, Vol. 42, Issue 2, pp. 173-210, Aug. 2014.
31. H. Vojoodi, A. Fakhari and A.M. Eftekhari-Moghadam, "A New Evaluation Measure for Color Image Segmentation Based on Genetic Programming Approach", *Image and Vision Computing*, Vol. 31, Issue 11, pp. 877-886, Nov. 2013.
32. H. Deljooi and A.M. Eftekhari-Moghadam, "Automatic Image Annotation Using the Semantic Relationship Between the Regions Based on the Multi Criteria Decision Making", *Journal of Electrical Engineering, Tabriz University*, Vol. 42, No. 2, pp. 39-52, Feb. 2014 (In Persian).
33. A. Fakhari and A.M. Eftekhari-Moghadam, "Combination of Classification and Regression in Decision Tree for Multi-Labeling Image Annotation and Retrieval", *Applied Soft Computing*, Vol.13, Issue 2, pp. 1292-1302, Feb. 2013.
34. M.S. Hosseini and A.M. Eftekhari-Moghadam, "Fuzzy Rule-Based Reasoning Approach for Event Detection and Annotation of Broadcast Soccer Video", *Applied Soft Computing*, Vol. 13, Issue 2, pp. 846-866, Feb. 2013.
35. S. Rahmani, A. KhademZadeh and A.M. Eftekhari-Moghadam, "Time Slot Allocation Algorithm Based On TDMA Protocol In Wireless Sensor Networks", *Journal of Advances in Computer Research*, Vol. 4, No. 4, pp. 61-71, Nov. 2013.
36. S. Jamali, S.N.S. Hashemi and A.M. Eftekhari-Moghadam, "On the Use of a Full Information Feedback to Stabilize RED", *Journal of Network and Computer Applications*, Vol. 36, Issue 2, pp. 868-869, March 2013.
37. A. Ehsani and A.M. Eftekhari-Moghadam, "Artificial Immune Classifier (aiCLS): An Immune Inspired Supervised Machine Learning Method", *International Journal of Information & Communication Technology Research*, Vol. 4, No. 4, pp. 55-67, Sep. 2012.
38. M. Shariat and A.M. Eftekhari-Moghadam, "Semantic-based image retrieval in the VQ compressed domain using image annotation statistical models", *Journal of Computer & Robotics*, Vol.3, No. 1, pp. 55-61, 2011.
39. M. Javani and A.M. Eftekhari-Moghadam, "An Image Annotation Method Based on CM Similarity Measure and Hybrid Relevance Feedback", *International Journal of Information and Communication Technology Research*, Vol. 3, No. 4, pp. 13-25, Sep. 2011.
40. T. Hassanzadeh, H. Vojoodi and A.M. Eftekhari-Moghadam, "A Multilevel Thresholding Approach Based on Levy-Flight Firefly Algorithm for Image Segmentation", *International Journal of Information and Communication Technology Research*, Vol. 4, No. 1, pp. 1-8, Dec. 2011.
41. E. Shokranipour and A.M. Eftekhari-Moghadam, "ACPSO: A New Cooperative Particle Swarm Optimization Algorithm with Adaptive Updating parameters", *Journal of Electrical Engineering, Tabriz University*, Vol. 40, No. 2, pp. 37-50, 2010 (In Persian).
42. S. Mazloom and A.M. Eftekhari-Moghadam, "Color Image Encryption Algorithm Based on Coupled Nonlinear Chaotic Map", *Chaos, Solitons & Fractals*, Vol. 42, No. 3, pp: 1745-1754, Nov. 2009.
43. M. Niyati and A.M. Eftekhari-Moghadam, "Estimation of Products Final Price Using Bayesian Analysis Generalized Poisson Model and Artificial Neural Networks", *Journal of Industrial Engineering*, Vol. 2, pp. 55-60, Winter 2009.

44. A. Ehsani and A.M. Eftekhari Moghadam, "Semantic Preserving Data Reduction using Artificial Immune Systems", *Journal of Computer and Robotics*, Vol. 1, No. 1, pp. 39-49, Spring 2008, (In Persian).
45. F. Mahmoudi, J. Shanbehzadeh, A.M. Eftekhari-Moghadam and H. Soltanian-Zadeh, "Shape-Based Image Retrieval Using a Non-Segmentation Method Direction Histogram of Edges", *Quarterly Journal of Science, Teacher Training University*, Vol. 3, No. 3 & 4, pp. 251-270, Autumn 2003 and Winter 2004, (In Persian).
46. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "Image Retrieval Based on Index Compressed Vector Quantization", *Pattern Recognition*, 36(11), pp. 2635- 2647, Nov. 2003.
47. F. Mahmoudi, J. Shanbehzadeh, A.M. Eftekhari-Moghadam and H. Soltanian-Zadeh, "Image Retrieval Based on Shape Similarity by Edge Orientation Autocorrelogram", *Pattern Recognition*, 36 (8), pp. 1725-1736, Aug 2003.
48. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "The Effect of Correlation in ICVQ Based Image Indexing", *Intl. Journal of Engineering Science, Iran University of Science and Technology*, Vol. 13, No. 4, pp. 73-88, Winter 2003, (In Persian).
49. F. Mahmoudi, J. Shanbehzadeh, A.M. Eftekhari-Moghadam and H. Soltanian-Zadeh, "A shape Based Image Retrieval Scheme Using Edges Correlation", *Amirkabir Journal*, Amirkabir University, Tehran, Iran, Vol. 13, No. 52, pp. 688-703, Fall 2002, ( In Persian).
50. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "Image Retrieval and Indexing Based on the Genealogical Relation of TSVQ Indices", *Amirkabir Journal*, Amirkabir University, Tehran, Iran, Vol. 13, No. 52, pp. 640-655, Fall 2002, (In Persian).
51. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "IC-VQ Based Compressed Domain Image Indexing Using Contiguous Regions histogram" *Journal of Faculty of Engineering, University of Tabriz, (Electrical Engineering)*, Vol. 28, No. 1, pp. 11-18, Spring and Summer 2002, (In Persian).

#### ● Conference Papers

1. M.A. Zade Noori and A.M. Eftekhari-Moghadam, "Face recognition using manifold learning and contourlet transform", *Proc. Of 8'th Conf. of AI and Robotics and the 10'th RoboCup Iranopen International Symposium*, Qazvin, Iran, April 2018.
2. F. Aeni, A.M. Eftekhari-Moghadam and F. Mahmoudi, "Non-Linear Dimensional Reduction Method Based on Supervised Neighborhood graph", *Proc. Of 7th International Symposium on Telecommunications (IST'2014)*, Tehran, Iran, Aug. 2014.
3. S.S.S. Mazloom and A.M. Eftekhari-Moghadam, "Color Image Cryptosystem using Chaotic Maps", *Proc. Of IEEE Symposium on Computational Intelligence for Multimedia, Signal and Vision Processing (CIMSIVP)*, Paris, France, April 2011.
4. A.M. Eftekhari-Moghadam and M. Abdechiri, "An Unsupervised Evaluation Method Based on Probability Density Function", *Proc. of the 2010 IEEE Intl. Symposium. on Industrial Electronics (ISIE 2010)*, Bari, Italy, July 2010.
5. M. Shahabi Lotfabadi, A.M.Eftekhari Moghadam." The Comparison of Different Feature Decreasing Methods Based on Rough Sets and Principal Component Analysis for Extraction of Valuable Features and Data Classifying Accuracy Increasing", *Proc. of the First IEEE International Conference on Integrated Intelligent Computing*, Bangalor, India, July 2010.
6. K. Rezaei Kalantari and A.M. Eftekhari-Moghadam, "Symbolic Image Indexing and Retrieval by Spatial Similarity: A New Approach Based on Multi-Dimensional B<sup>+</sup>Tree", *Proc. of the Intl. Conf. on New Trends in Information Science and Service Science (NISS2010)*, pp. 145-152, Gyeongju, Korea, May 2010.
7. M. Shahabi Lotfabadi, A.M. Eftekhari Moghadam."A New Method For Semantic Retrieval System Based On Fuzzy Rough Sets Theory Via Mutual Information", *Proc. of the 15'th CSI Computer Conference*, Tehran, Iran, Feb. 2010, (In Persian).
8. M. Hamian, Z. Heidarifar and A.M. Eftekhari-Moghadam , "Generating Hierarchical Semantic Concepts to Reduce Semantic Gap in Image Annotation", *Proc. of the 15'th CSI Computer Conference*, Tehran, Iran, Feb. 2010, (In Persian).
9. M. Bourjandi and A.M. Eftekhari-Moghadam, "Image Retrieval Based on Eten Fuzzy Color Histogram", *Proc. of 15'th Intl. CSI Computer Conference*, Tehran, Iran, Jan. 2010, (In Persian).
10. M. Bourjandi and A.M. Eftekhari-Moghadam, "Weight Vector in Competitive Fuzzy Edge in Image Retrieval", *Proc. of 15'th Intl. CSI Computer Conference*, Tehran, Iran, Jan. 2010, (In Persian).

11. M. Javani and A.M. Eftekhari-Moghadam, "Using Relevance Feedback in Image Database Clustering with Multi Similarity Measures", *Proc. of 15<sup>th</sup> Intl. CSI Computer Conference*, Tehran, Iran, Jan. 2010, (In Persian).
12. G. Taghizadeh and A.M. Eftekhari-Moghadam, "CLONALG Algorithm for Dimension Reduction Based on Artificial Immune System", *Proc. of 15<sup>th</sup> Intl. CSI Computer Conference*, Tehran, Iran, Jan. 2010, (In Persian).
13. A. Ehsani and A.M. Eftekhari-Moghadam, "A New Semantic Concept Model for an Artificial Immune Based Image Retrieval System", *Proc. Of 14<sup>th</sup> Intl. CSI Computer Conference*, Tehran, Iran, March 2009, (In Persian).
14. A. Ehsani and A.M. Eftekhari-Moghadam, "A New Gray Level Image Noise Detection and Reduction Algorithm Based on Negative selection and Artificial Immune Network", *Proc. Of 14<sup>th</sup> Intl. CSI Computer Conference*, Tehran, Iran, March 2009, (In Persian).
15. A. Tazaree and A.M. Eftekhari-Moghadam, "Discover Fuzzy Frequently Pattern to Extract High Level Features in Image", *Proc. Of the Second Iranian Data Mining Conference (IDMC2008)*, Amir Kabir University, Tehran, Iran, Nov. 2008, (In Persian).
16. A. Tazaree and A.M. Eftekhari-Moghadam, "Fuzzy Frequently Pattern Discovery to Semantically Reduce Feature Space in Images", *Proc. Of the Fifth Iranian Conference on Machine Vision and Image Processing*, Tabriz, Iran, Nov. 2008, (In Persian).
17. F. Jafarieh, A.M. Eftekhari-Moghadam and Z. Golshani, "Color Image Retrieval Using an Evolutionary Extremal Optimization Algorithm", *Proc. Of the Fifth Iranian Conference on Machine Vision and Image Processing*, Tabriz, Iran, Nov. 2008, (In Persian).
18. A. Azizi, A.M. Eftekhari-Moghadam and M. Samimi, "Contourlet Transform for Image De-Noising Based on Hidden Tree Markov Model", *Proc. Of the Fifth Iranian Conference on Machine Vision and Image Processing*, pp. 160-165, Tabriz, Iran, Nov. 2008, (In Persian).
19. R. Khakpour, A.M. Eftekhari-Moghadam and H. Nabaeei, "A New Steganography Scheme Based on Genetic Algorithm", *Proc. Of the Fifth Iranian Conference on Machine Vision and Image Processing*, Tabriz, Iran, Nov. 2008, (In Persian).
20. S. Mazloom and A.M. Eftekhari-Moghadam, "Color Image Encryption Based on Coupled Nonlinear Chaotic Map", *Proc. Of the Fifth Iranian Conference on Machine Vision and Image Processing*, Tabriz, Iran, Nov. 2008, (In Persian).
21. M. Hamidi, A. Hamidi, A.M. Eftekhari Moghadam and M.R. Meybodi, "Soccer Field Image Colour Segmentation using PSO-based Fuzzy", *The Fourth International Conference on Computational Intelligence, Robotics and Autonomous Systems (CIRAS 2007)*, Massey University, Palmerston North, New Zealand, Nov. 2007.
22. A. Borji, M. Hamidi and A.M. Eftekhari Moghadam, "CLPSO-based Fuzzy Color image Segmentation", *26<sup>th</sup> Annual Meeting of the North American Fuzzy Information Processing Society (NAFIPS'07)*, San Diego, California, USA, June 2007.
23. M. Hamidi and A.M.Eftekhari-Moghadam, "Color Image Segmentation Based on Hybridization of Fuzzy Set and Particle Swarm Optimization", *Proc of 4<sup>th</sup> Iranian. Conf. on Machine Vision and Image Processing (MVIP 2007)*, pp. 110-117, Mashhad, Iran, Feb. 2007, (In Persian).
24. K. Maghouli and A.M. Eftekhari Moghadam, "Development of Neuro-Fuzzy System for Image Mining", *Lecture Notes in Computer Science*, Vol. 3849 Computer Science, Springer-Verlag Pub., pp. 32-39, 2006.
25. F.Safara and A.M.Eftekhari-Moghadam, "Knowledge Discovery of Traffic/People Behaviors Based on Image Mining Approach", *IEEE Proc. of the International Conference on Geometric Modeling & Imaging (GMAI2006)*, London, England, pp. 255-258, 5-7 July 2006.
26. K. Maghouli and A.M. Eftekhari Moghadam, "Development of Neuro-Fuzzy System for Image Mining", *Intl. Workshop on Fuzzy Logic and Applications (WILF2005)*, Crema, Italy, Sept. 2005.
27. S. Naderi and A.M. Eftekhari Moghadam, "Modelling of fuzzy Rules to Knowledge Discovery of Traffic Behaviors", *International Symposium on Telecommunications(IST 2005)*, Shiraz, Iran, Sept. 2005.
28. H. Fashandi, A. M. Eftekhari Moghadam "A New Rotation Invariant Similarity Measure for Trajectories", *The 6<sup>th</sup> IEEE International Symposium on Computational Intelligence in Robotics and Automation (CIRA 2005)*, Finland, June 2005.
29. H. Fashandi, A. M. Eftekhari Moghadam, "An Image Mining Approach for Clustering Traffic Behaviours Based on Knowledge Discovery of Image database", *the 2005 IEEE International Conference on Computational Intelligence for Measurement Systems and Applications*, Italy, July 2005.

30. F. Safara, H. Fashandi, S. Zaboli, S. Naderi, K. Maghouli, A. Lakdashti and A.M. Eftekhari Moghadam, "Knowledge Discovery from Image Databases based on Behavioral Patterns", *Proc. of the 2<sup>nd</sup> Intl. Conf. on Information and Knowledge Technology IKT 2005*, Tehran, Iran, June. 2005, (In Persian).
31. K. Maghouli and A.M. Eftekhari Moghadam, "Neuro-Fuzzy Approach to Image Mining System", *Proc. Of Third IEEE International Conference on Systems, Signals & Devices SSD'05*, Volume III, Sousse, Tunisia, March 2005.
32. F. Safara and A.M. Eftekhari Moghadam, "Image Mining: A New Approach to knowledge Discovery", *Proc. Of Third Intl. Conf. on Systems, Signals & Devices SSD'05*, Volume III, Sousse, Tunisia, March 2005.
33. A. Lakdashti, A.M. Eftekhari-Moghadam, S. Kasaei and J. Shanbehzadeh, "An Integrated Color and Texture Descriptor Based on MPEG-7 Standard for Image Retrieval Systems", *2<sup>nd</sup> IEEE-GCC 2004 Conference and Exhibition, Advancing Technology in the GCC, Challenges and Solutions*, pp. 332-335, Manama, Bahrain, Nov. 2004.
34. F. Safara, A.M. Eftekhari-Moghadam and S. Mahmoodi, "A Generic Model for Image Mining Systems", *Proceedings of the 2<sup>nd</sup> Workshop on Information Technology and its Disciplines (WITID 2004)*, pp. 126-132, Kish Island, Iran, Feb. 2004.
35. F. Mahmoudi, J. Shanbehzadeh, A.M. Eftekhari-Moghadam and H. Soltanian-Zadeh, "A New Non-Segmentation Shape-Based Image Indexing Method", *Proc. of IEEE ICASSP 2003*, pp. III-17 - III-20, Hong Kong, April 2003.
36. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "A New Image Retrieval Scheme Based On The IC-VQ Compressed Images", *Proc. of International Arab Conference on Information Technology ACIT'2002*, pp. 122-129, Doha, Qatar, Dec. 2002.
37. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "IC-VQ based ImageIndexing", *Proc. of 10<sup>th</sup> Intl. Conf. on electrical Engineering ICEE 2002*, Vol. 1, pp. 416-423, Tabriz, Iran, May 2002, (In Persian).
38. F. Mahmoudi, J. Shanbehzadeh, A.M. Eftekhari-Moghadam and H. Soltanian-Zadeh, "Image Retrieval using Direction Histogram of Similar Edges", *Proc. of 10<sup>th</sup> Intl. Conf. on electrical Engineering ICEE 2002*, Vol. 1, pp. 408-415, Tabriz, Iran, May 2002, (In Persian).
39. A.M. Eftekhari-Moghadam, J. Shanbehzadeh, F. Mahmoudi and H. Soltanian-Zadeh, "Compressed Domain Image Retrieval", *Proc. of 7<sup>th</sup> Intl. Conf. of Computer Society of Iran*, pp. 48-55, Tehran, Iran, March 2002, (In Persian).
40. F. Mahmoudi, J. Shanbehzadeh, A.M. Eftekhari-Moghadam and H. Soltanian-Zadeh, "Content Based Image Retrieval Using correlation of Edges", *Proc. of 7<sup>th</sup> Intl. Conf. of Computer Society of Iran*, pp. 40-47, Tehran, Iran, March 2002, (In Persian).
41. F. Mahmoudi, J. Shanbehzadeh and A.M. Eftekhari-Moghadam, "A Shape Based Image Retrieval Scheme", *Proc. of 5<sup>th</sup> Intl. Conf. of Computer Society of Iran*, pp. 11-16, Tehran, Iran, March 2000, (In Persian).
42. J. Shanbehzadeh, F. Mahmoudi, A. Sarafzadeh, A.M. Eftekhari Moghadam and Z. Asarzadeh, "Image Indexing Using Edge Orientation Correlogram", *Proc. of SPIE: Internet Imaging*, Vol. 3964, pp. 102-108, San Jose, USA, Jan. 2000.
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