



Taiebeh Askari Javaran, Assistant Professor

Faculty of Mathematics and Computer, Higher Education Complex of Bam

P.O. Box 76615-314, Bam, Iran

Email: t.askari@bam.ac.ir , t.askari.j@gmail.com

Tel: +989133870759

Education:

Ph. D. [Shahrood University of Technology](#), Shahrood, Iran, 2016, Thesis title: "Deblurring a Moving Rigid Object in a Single Image".

M. Sc. Shiraz University, Shiraz, Iran, 2006, Thesis title: "Implementation of a system for 3D Face Detection and Recognition".

B. Sc. Shariati University, Tehran, Iran, 2002, Project title: "Implementation of a conference website".

Academic Experience:

- Assistant Professor, Faculty of Mathematics and Computer, Higher Education Complex of Bam, Bam, Iran, since 2016.
- Technical Chair, The 3th Conference on Swarm Intelligence and Evolutionary Computation, Higher Education Complex of Bam, Bam, Iran, 2018.
- Reviewer, **Journal of AI and Data Mining**, University of Shahrood, Iran, Since 2015.
- Reviewer, **International Journal of Engineering**, Iran, Since 2015.
- Teacher, Faculty of Mathematics and Computer, Valiasr University of Rafsanjan, Rafsanjan, Iran, 2007-2010.
- Teacher, Azad University, Iranshahr Branch, Iranshahr, Iran, 2010-2013.

Technical Areas of Interest:

- Data Mining
- Image Processing
- Artificial Neural Network
- Text Analyzing

Courses Taught:

- Data Structure
- Artificial Intelligence
- Data Mining
- Assembly Language Programming
- Information Storage and Retrieval
- Design and Analysis of Algorithms

Publication

[17] Badaghei, R., Hassanpour, H., & Askari, T. (2021). Detection of bikers without helmet using image texture and shape analysis. *International Journal of Engineering*, 34(3), 650-655.

[16] A. Alidadi, S. Arab, T. Askari, "A novel optimized routing algorithm for QoS traffic engineering in SDN-based mobile networks", ICT Express, 2021.

[15] T. Askari and H. Hassanpour, "Using a Blur Metric to Estimate Linear Motion Blur Parameters", *Computational and Mathematical Methods in Medicine*, vol. 2021, Article ID 6048137, 8 pages, 2021. <https://doi.org/10.1155/2021/6048137>.

[14] T. Askari, A. Alidadi, S. Arab, A No-Reference Blur Metric based on Second-Order Gradients of Image. *Journal of AI and Data Mining*, published online. DOI: 10.22044/JADM.2020.9309.2068.

[13] R. Badaghi, H. Hassanpour, T. Askari. "Helmet Detection on Motorcyclists using Image Processing Techniques", 12th International Conference on Engineering And Technology, Oslo University, Norway, 20-21 June 2019. (in Persian)

[12] T. Askari, A. Soltanian, F. Derakhshan. "Profit-based Frequent Itemset Mining in Market Basket Analysis", *National Conference of Contemporary Businesses and Smart Data Mining and Digital Image Processing*, Chamran Technical College of Kerman, February 2019..

[11] T. Askari, H. Hassanpour, and V. Abolghasemi. "Blind motion image deblurring using an effective blur kernel prior." *Multimedia Tools and Applications* (2019): 1-20. (doi: 10.1007/s11042-019-7402-1)

[10] R. Badaghi, H. Hassanpour, T. Askari. "Helmet Detection on Motorcyclists", International Congress of Sciences and Innovative Technologies, Babol Noshirvani University of Technology, 5-6 Sept. 2018. (in Persian)

[9] T. Askari. "Blur length estimation in linear motion blurred images using evolutionary algorithms." *2018 3rd Conference on Swarm Intelligence and Evolutionary Computation (CSIEC)*. IEEE, 2018.

[8] T. Askari, H. Hassanpour, and V. Abolghasemi "Local Motion Deblurring Using an Effective Gradient-based Image Prior", *Machine Vision and Applications, Springer*, vol 28, no.3, pp. 431-444, 2017. (doi: 10.1007/s00138-017-0824-8)

[7] 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)

- [6] T. Askari, H. Hassanpour, and V. Abolghasemi “Non-blind image deconvolution using a regularization based on reblurring process”, *Computer Vision and Image Understanding, Elsevier*, vol 154, pp. 16-34, 2017. <http://dx.doi.org/10.1016/j.cviu.2016.09.013>
- [5] 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
- [4] 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](http://dx.doi.org/10.1016/j.image.2016.06.009)
- [3] 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)
- [2] T. Askari and A.H. Hadjahmadi, “Implementation of a system for 3D Face Detection and Recognition”, *The journal of Mathematic and Computer Science*, vol. 4 , No. 2 , 139-152, 2012.
- [1] A.H. Hadjahmadi and T. Askari, “A Decision Support System for Parkinson’s Disease Diagnosis using Classification and Regression Tree”, *The journal of Mathematic and Computer Science*, vol. 4 , No. 2 , 257-263, 2012.