Hamed Tirandaz

Resume

Current Position

2011 Until Now **Faculty Member**, *Hakim Sabzevari University, Faculty of Electrical and Computer Engineering.*

Education

2001-2006 **B.Sc.**, *Tarbiat Moallem University of Sabzevar*, Sabzevar, Iran.
Applied Mathematics (with Computer specialization)

2006-2009 **M.Sc.**, *Semnan University*, Semnan, Iran.
Mechatronics Engineering

Courses Taught

- Programming I,II
- Digital Image Processing
- Engineering Mathematics
- MATLAB
- Numerical Computations
- Artificial Intelligence
- Discrete Mathematics
- LaTeX

Skills & Experiences

FORTRAN, C and C++, Pascal, SQL, PHP, Perl, Java Script, MATLAB, C++ Builder, Delphi, LaTeX, Microsoft Office (Word, Excel, Access, PowerPoint), WinEdt, Notepad++,XePersian, and Some Others.

Professional Activities

- Member of the Iranian Society of Machine Vision and Image Processing.   *http://www.ismvip.ir/*
- Some completed projects in Hakim Sabzevari University,
- Conference organizing committee
- Executive manager of Artificial Intelligence Journal   *http://www.aijl.ir/*

LANGUAGE PROFICIENCY

Persian: Mother Tongue.
English: Fluent in Speaking, Listening, Writing and Reading.
Test Scores:
   IELTS Test Date: July 2011   **Total Score:** 5.5   L:5.0   R:5.5   W:5.5   S:5.0

Publications

Books

[B1]   Javad Haddadnia Hamed Tirandaz. *Computer Vision, Algorithm and its Applications*. Sabzevar, Iran: Hakim Sabzevari University Press, 2016.

[B2]   Hamed Tirandaz Javad Haddadnia. *Digital Image Processing, The Fundamentals*. Sabzevar, Iran: Tarbiat Moallem University Press, 2011.

Journals

[J1] Hamed Tirandaz Javad Haddadnia Abbas Nasrabadi. *Curve Matching and Character Recognition by using B-Spline Curves*. 2011.

[J2] Hamed Tirandaz Mostafa Sharifi Sassan Azadi. *A New Approach for Parametric Active Contour Segmentation*. 2013.

[J3] Hamed Tirandaz Sassan Azadi. *Utilizing GVF Active Contours for Real-Time Object Tracking*. 2015.

Thesis

[T1] Hamed Tirandaz. "Object tracking in the video image sequences." 2009.

[T2] Hamed Tirandaz. "Pattern Matching." 2005.

Articles

[A1] Hamed Tirandaz et al. "Invisible and High Capacity Data Hiding in Binary Text Images Based on Use of Edge Pixels." In: *IEEE International Conference on Signal Processing Systems* (2009).

[A2] Hamed Tirandaz Javad Haddadnia Sassan Azadi. "Character Recognition by using of B-Spline Curve Matching." In: *Iran's first International conference on Industrial Automation, sheriff university, Iran* (2010).

[A3] Hamed Tirandaz Javad Haddadnia Sassan Azadi. "Motion detection using Codebook model." In: *Iran's first conference on Software Engineering, Lahijan, Iran.* (2009).

[A4] Hamed Tirandaz Javad Haddadnia Sassan Azadi. "Parametric Active Contour Tracking by using of Gradient Information." In: *Iran's first conference on Software Engineering, Lahijan, Iran.* (2009).

[A5] Hamed Tirandaz Javad Haddadnia Sassan Azadi. "Real- Time Moving Object Tracking in the Video Image Sequences." In: *11th Conferences on Electrical Engineering, Zanjan University, Iran* (2007).

[A6] Hamed Tirandaz Mahmood Amintoosi. "Optimizing Boyer Moore Algorithm." In: *11th Conferences on Electrical Engineering, Zanjan University, Iran* (2007).

References

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Dr. Javad Haddadnia, Assistant Professor
Hakim Sabzevari University, Sabzevar, Iran, Department of Electrical and Computer Engineering
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The more, Available upon request