

**Conference Papers:**

- **Hanieh Poostchi**, Mohammad-R. Akbarzadeh-T., S. Mahmoud Taheri, "Distributed Adaptive Spanning Tree for Data Gathering in Wireless Sensor Networks," The 2'nd IEEE International Conference on Parallel, Distributed and Grid Computing, India, Dec. 2012. *(has received **Special Paper Award!**)*
- **Hanieh Poostchi**, Saeed Khakmardan and Hamidreza Pourreza, "Diabetic Rethinopathy Dark Lesion Detection: Preprocessing Phase," The 2011 IEEE International eConference on Computer and Knowledge Engineering (ICCKE 2011), Iran, Mashhad, Oct. 2011.
- Saeed Khakmardan, **Hanieh Poostchi** and Mohammad-R. Akbarzadeh-T., "Solving Traveling Salesman Problem by a Hybrid Combination of PSO and Extremal Optimization," The 2011 IEEE International Joint Conference on Neural Networks (IJCNN 2011), USA, San Jose, July-Aug., 2011.
- Mahdieh Poostchi, **Hanieh Poostchi** and Mahmood Fathy, "Using Type II Fuzzy Entropy in Thresholding Phase of Motion Detection Based on Temporal Variance and Background Modeling," The 2008 International Conference on Image Processing, Computer Vision, and Pattern Recognition (DBLP-IPCV 2008), pp. 477-483, USA, July 2008.
- **Hanieh Poostchi**, Saeed Khakmardan and Mohammad-R. Akbarzadeh-T., "A Hybrid Approach for Solving Traveling Salesman Problem," *Journal of Applied Mathematics and Computational Science*, Vol. 5, No. 1, pp. 91-100, 2011.

**Journal Paper:**

- Nima Salehi-Moghadam, Hadi Sadoghi Yazdi and **Hanieh Poostchi**, "Correlation based splitting criterion in multi branch decision tree," *Central European Journal of Computer Science*, Vol. 1, No. 2, pp. 52-67, 2011.