

List of publications of Anandarup Roy

Journal Papers:

1. Pradip Ghanty, Samrat Paul, **Anandarup Roy**, Dipti Prasad Mukherjee, Nikhil R. Pal, M. Vasudevan, Hemant Kumar and A.K. Bhaduri, *A Fuzzy Rule Based Approach for Predicting Weld Bead Geometry in Gas Tungsten Arc Welding*, Accepted in Science and Technology of Welding and Joining (STWJ), October 20, 2007.
2. Tapan Kumar Bhowmik, Pradip Ghanty, **Anandarup Roy** and Swapan Kumar Parui, *SVM-Based Hierarchical Architectures for Handwritten Character Recognition*, Submitted to International Journal of Document Analysis and Recognition , springer, March 19, 2008.

Conference Proceedings:

1. **Anandarup Roy**, Swapan Kumar Parui, Amitav Paul and Utpal Roy, *Color Based Image Segmentation*, Accepted in International Conference on Information Technology (ICIT- 2008), December 2008, India.
2. **Anandarup Roy**, Swapan Kumar Parui, Amitav Paul and Utpal Roy, *A Color Based Image Segmentation and its Application to Text Segmentation*, Accepted in Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP- 2008), December 2008, India.
3. Tapan Kumar Bhowmik, Pradip Ghanty, **Anandarup Roy**, Swapan Kumar Parui and Utpal Roy, *Skew correction and Character Segmentation for Handwritten Bangla Words using Support Vector Machine*, Proc. of International Conference on Information Technology (INTL-INFOTECH 07), pp. 572-577, March 2007, India.
4. P. Ghanty, **A. Roy**, N.R. Pal, D.P. Mukherjee, H. Kumar, M. Vasudevan, A.K. Bhaduri and P. Barat, *Fuzzy Logic and Image Processing based Approaches for Estimation of Weld Bead Geometry*, Proc. of 9th Technical Programme Discussion Meeting of BRNS Projects (TPDM), pp. 20-27, February 2007, India.
5. **Anandarup Roy**, Swapan Kumar Parui and Utpal Roy, *A Beta Mixture Model Based Approach to Text Extraction from Color Images*, Proc. of International Conference on Advances in Pattern Recognition (ICAPR- 2007), pp. 321-326, January 2007, India.
6. **Anandarup Roy**, Prabhat Kumar Ray and Swapan Kumar Parui, *Text Extraction from Color Images using a Mixture Model of Dirichlet Distributions*, Proc. of National Conference on Recent Trends in Information Systems (ReTIS 06), pp. 37-40, July 2006, India.

7. **A. Roy**, T.K. Bhowmik, S.K. Parui and U. Roy, *A Novel Approach to Skew Detection and Character Segmentation for Handwritten Bangla Words*, Proc. of Digital Image Computing: Techniques and Applications (DICTA 2005), pp. 203-210, December 2005, Australia.
8. T.K. Bhowmik, **A. Roy** and U. Roy, *Character Segmentation for Handwritten Bangla words using Artificial Neural Network*, Proc of International Workshop on Neural Networks and Learning in Document Analysis and Recognition (NNLDAR), pp. 28-32, August 2005, Korea.