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Area of Interest: Pattern Recognition, Digital Signal Processing, Document Analysis and Understanding.

Research Project: KFUPM Funded Project EE/AutoText/232 for Automatic Recognition of Arabic Text.

Publications for the period: June. 2000 to June 2005

Details:

- [1] **A. Zidouri**, "A Structural Description of Binary Document Images: Application for Arabic Character Recognition" Proceedings CISST'2001, Las Vegas Nevada, June 25-28, 2001
- [2] **A. Zidouri** and M. Sarfraz, "On Optical Character Recognition Of Arabic Text", The 6th Saudi Engineering Conference, KFUPM, Dhahran, December 2002, Vol. 4. pp.109-118.
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- [4] **A. Zidouri**, "ORAN: Offline Recognition of Arabic characters and Numerals ", International Conference: Sciences of Electronic, Technologies of Information and Telecommunications, Susa, Tunisia, March 17-21, 2003,
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- [7] **A. Zidouri**, M. Deriche, M. Al-Otaibi, M. Al-Shahrani, M. Al-Mutairi, T. Al-Maleki, S. Al-Ghunaim, A. Al-Nutaifi, H. Al-Issa, F. Al-Anazi, "Design of an LED-Based Message Board" IEEE Saudi Arabian Section 10th Technical Exchange Meeting Dhahran, Saudi Arabia, March 23-24 2003, proceedings on CD Session V, VLSI & Electronics. pp. 1-4.
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- [12] **A. Zidouri**, "Feature Index For Document Image Analysis" The second IEEE-GCC Industrial Electrical & Electronics Conference. Manama, Bahrain, November 23-25, 2004
- [13] **A. Zidouri** and M. Sarfraz, Progress Report **IV** for Research Project EE/AutoText/232 "Automatic Text Recognition: A Need in Arabization" June 2004
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- [15] **A. Zidouri** and M. Sarfraz, Progress Report **V** for Research Project EE/AutoText/232 "Automatic Text Recognition: A Need in Arabization" March 2005
- [16] **A. Zidouri**, M. Sarfraz, S. A. Shahab and S. M. Jafri "Adaptive dissection based subword segmentation of printed Arabic text" The 9th International Conference on Information Visualisation IV05 (6-8 July 2005) London
- [17] M. Sarfraz, **A. Zidouri**, S. A. Shahab and S. M. Jafri, "A Novel Approach for Skew Estimation of Document Images in OCR System" IEEE proceedings of the International Conference on Computer Graphics, Imaging and Vision (CGIV 2005) to be held in Beijing, China (26-29 July 2005).
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