

Fajri Kurniawan

Skills & Activities

Skills Handwriting Recognition, Biometrics, Authentication, Algorithms, Document Image Analysis, Digital Watermarking, Artificial Intelligence, Soft Computing

Journal Publications

F. Kurniawan, M.S. Mohd. Rahim, M.S. Khalil: *Geometrical and eigenvector features for ear recognition*.

Mohammed S Khalil, Fajri Kurniawan, Muhammad Khurram Khan, Yasser M Alginahi: *Two-Layer Fragile Watermarking Method Secured with Chaotic Map for Authentication of Digital Holy Quran*. 02/2014; 2014. DOI:10.1155/2014/803983

Mohammed S. Khalil, Fajri Kurniawan, Kashif Saleem: *Authentication of fingerprint biometrics acquired using a cellphone camera: A review*. International Journal of Wavelets Multiresolution and Information Processing 09/2013; 11(05). DOI:10.1142/S0219691313500331

Fajri Kurniawan, Mohd. Shafry, Mohd. Rahim: *A review on 2D ear recognition*.

F Kurniawan, M Shafry, D Daman, A Rehman, D Mohamad, S M Shamsudin: *Region-based touched character segmentation in handwritten words*. International journal of innovative computing, information & control: IJICIC 06/2011; 7(6).

A Rehman, F Kurniawan, T Saba: *An automatic approach for line detection and removal without smash-up characters*. Imaging Science Journal The 05/2011; 59(3):177-182. DOI:10.1179/136821910X12863758415649

Fajri Kurniawan, Mohd Shafry, M.S. Mohd. Rahim, Ni ' Matus, Akmal Rakhmadi, Dzulkifli Mohamad: *Characters Segmentation of Cursive Handwritten Words based on Contour Analysis and Neural Network Validation*. ITB Journal of Information and Communication Technology 01/2011; 5(1). DOI:10.5614/itbj.ict.2011.5.1.1

Fajri Kurniawan, Amjad Rehman Khan, Dzulkifli Mohamad: *Contour vs non-contour based word segmentation from handwritten text lines: an experimental analysis*.

Amjad Rehman Khan, Dzulkilifli Muhammad, Fajri Kurniawan: *LINE AND SKEW REMOVAL FROM OFF-LINE CURSIVE HANDWRITTEN WORDS*.

Conference Proceedings

Fajri Kurniawan, Mohammed S. Khalil, Muhammad Khurram Khan, Yasser M. Alginahi: *DWT+LSB-based fragile watermarking method for digital Quran images*. International Symposium on Biometrics and Security Technologies (ISBAST), 2014, Kuala Lumpur, Malaysia; 08/2014

- Mohammed S. Khalil, Fajri Kurniawan: *License Plate Detection Method for Real-Time Video of Low-Cost Webcam Based on Hybrid SVM-Heuristic Approach*. 2014 Eleventh International Conference on Information Technology: New Generations (ITNG); 04/2014
- Fajri Kurniawan, Mohammed S. Khalil, Muhammad Khurram Khan, Yasser M. Alginahi: *Exploiting Digital Watermarking to Preserve Integrity of the Digital Holy Quran Images*. Taibah University International Conference on Advances in Information Technology for the Holy Quran and Its Sciences, Madinah, Saudi Arabia; 12/2013
- Fajri Kurniawan, M.S. Khalil, M.K. Khan, Y.M. Alginahi: *Authentication and Tamper Detection of Digital Holy Quran Images*. Biometrics and Security Technologies (ISBAST), 2013 International Symposium on; 01/2013
- Fajri Kurniawan, M.S. Khalil, M.K. Khan: *Core-Point Detection on Camera-Based Fingerprint Image*. Biometrics and Security Technologies (ISBAST), 2013 International Symposium on; 01/2013
- F. Kurniawan, M.S. Khalil: *Performance comparison between SVM-based and RBF-based for detection of Saudi license plate*. Information Science and Digital Content Technology (ICIDT), 2012 8th International Conference on; 01/2012
- F. Kurniawan, D. Mohamad: *Performance Comparison between Contour-Based and Enhanced Heuristic-Based for Character Segmentation*. Signal-Image Technology & Internet-Based Systems (SITIS), 2009 Fifth International Conference on; 01/2010
- F. Kurniawan, A. Rehman, D. Mohamad: *From contours to characters segmentation of cursive handwritten words with neural assistance*. Instrumentation, Communications, Information Technology, and Biomedical Engineering (ICICI-BME), 2009 International Conference on; 12/2009
- Amjad Rehman Khan, Fajri Kurniawan, Dzulkifli Mohamad: *An automated approach to remove line from text bypassing restoration stage*. Computer, Control and Communication, 2009. IC4 2009. 2nd International Conference on; 03/2009
- Amjad Rehman, Dzulkifli Mohamad, Fajri Kurniawan, Mohammad Ilay: *Performance Analysis of Segmentation Approach for Cursive Handwriting on Benchmark Database*. The 7th IEEE/ACS International Conference on Computer Systems and Applications, AICCSA 2009, Rabat, Morocco, May 10-13, 2009; 01/2009
- Fajri Kurniawan, Amjad Rehman, Dzulkifli Mohamad, Siti Mariyam Hj. Shamsuddin: *Self Organizing Features Map with Improved Segmentation to Identify Touching of Adjacent Characters in Handwritten Words*. 9th International Conference on Hybrid Intelligent Systems (HIS 2009), August 12-14, 2009, Shenyang, China; 01/2009