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## DAFTAR PUSTAKA

- Agustin, M., 2012. Penggunaan Jaringan Syaraf Tiruan Backpropagation untuk Seleksi Penerimaan Mahasiswa Baru pada Jurusan Teknik Komputer di Politeknik Negeri Sriwijaya.
- Althaf, M. K. M., Begum, M. B., 2012. Handwritten Characters Pattern Recognition using Neural Networks. *International Conference on Computing and Control Engineering*.
- Ballard, D. H., 1981. *Generalizing The Hough Transform to Detect Arbitrary Shapes*. Great Britain: Pergamon.
- Beckenkamp, F. G., 2002. A Component Architecture for Artificial Neural Network Systems.
- Chakravarthy, A. S. N., Raja P. V. K, & Avadhani, P. S., 2011. Handwritten Text Image Authentication Using Back Propagation. *International Journal of Network Security & Its Applications*.
- Deserno, T. M., 2011. *Biomedical Image Processing*. Berlin: Springer.
- Kala, R., Vazirani, H., & Shukla, A., 2010. Offline Handwriting Recognition using Genetic Algorithm. *International Journal og Computer Science Issues*.
- Eppel, S., 2013. [Online] dari <http://www.mathworks.com/matlabcentral/fileexchange/44166-generalized-hough-transform>. Diakses pada 19 Desember 2013.

Feng, M., Tan, Y. P., 2004. Contrast Adaptive Binarization of Low Quality Document Images. *IEICE Electronics Express*, Vol.1, No. 16, p. 501-506.

Jans, H., 2011. Segmentasi Karakter (Alphabet) Pada Citra Digital (OCR) Menggunakan Profile Projection. [Online] dari <http://www.scribd.com/doc/67324860/Segmentasi-Karakter-Alphabet-Pada-Citra-Digital-OCR-Menggunakan-Profile-Projection>. Diakses pada 5 Januari 2014.

Kumar, A., Bhatia, P. K., 2013. Handwritten Character Recognition Using Improved Back-Propagation Algorithm. *International Conference on Emerging Trends in Engineering and Management*.

Lagudu, S., Sarma, C. H. V., 2013. Hand Writing Recognition uUsing Hybrid Particle Swarm Optimization & Back Propagation Algorithm. *International Journal of Application or Innovation in Engineering & Management*.

Lejap, F. G., 2008. Aplikasi Jaringan Syaraf Tiruan Perbandingan Backpropagation dan Hopfield Untuk Pengenalan Huruf pada Citra Digital, Universitas Komputer Indonesia.

Liu, Zhi-Qiang, dkk., 2003. *Handwriting Recognition: Soft Computing and Probabilistic Approaches*. Berlin : Springer.

Ljumic, E., 2007. *Image Feature Extraction using Fuzzy Morphology*. United States: Proquest.

Luger, G. F., Stubblefield, W. A., 1993. *Artificial Intelligence: Structures and Strategies for Complex Problem Solving*. Redwood City : Benjamin/Cummings.

McCaffrey, J., 2013. Neural Network Back-propagation using C#. [Online] dari <http://visualstudiomagazine.com/articles/2013/08/01/neural-network-back-propagation-using-c.aspx>. Diakses pada Desember 2013.

Nixon, M., Aguado, A., 2008. *Feature Extraction and Image Processing*. United Kingdom : Elsevier Ltd..

Otsu, N., 1979. A Threshold Selection Method from Gray-level Histograms. *IEEE Trans. Syst., Man., Cybern.*, Vol. 9, No. 1, p. 62-66.

Priddy, K. L., Keller, P. E., 2005. *Artificial Neural Networks An Introduction*. Washington: The International Society for Optical Engineering.

Rico, J. R., 2008. Recognition Based on Tree Extraction and an Optimized Classification Distance. *Departamento de Lenguajes y Sistemas Informaticos*.

Russel S. J., Norvig, P., 1995. *Artificial Intelligence A Modern Approach*. New Jersey: Prentice hall.

Saha, S., Paul, N., dkk., 2013. Optical Character Recognition using 40-point Feature Extraction and Artificial Neural Network. *International Journal of Advanced Research in Computer Science and Software Engineering*.

Samuel, E., 2002. Software Shows Uniqueness of Handwriting. Boston [Online] dari <http://www.newscientist.com/article/dn2349-software-shows-uniqueness-of-handwriting.html#.UuC62rT-LIV>. Diakses pada 15 Desember 2013.

Santoso, I., Effendi, U., & Fauziya, C., 2007. Penerapan Jaringan Syaraf Tiruan untuk Peramalan Permintaan Komoditas Karet di PT. Perkebunan Nusantara XII Surabaya. *Jurnal Teknologi Pertanian*.

Shih, F. Y., 2009. *Image Processing and Mathematical Morphology Fundamentals and Applications*. United States of America: Taylor & Francis Group.

Siang, J. J., 2009. *Jaringan Syaraf Tiruan & Pemrogramannya Menggunakan Matlab*. Yogyakarta: Penerbit Andi.

Sukamto, R. A., 2008. Preprocessing Pengenalan Tulisan Tangan dengan Ciri-ciri Geometrik (Offline Handwriting Recognition).

Tiwari, R. R., Aparnavishwanath, & Wadhone, D., 2013. Handwritten Digit Recognition Using Back Propagation Neural Network & K-Nearest Neighbour Classifier. *International Journal of Electrical, Electronics, and Data Communication*.

Touj, S., Amara, N. B., & Amiri, H., 2005. Generalized Hough Transform for Arabic Printed Optical Character Recognition. *The International Arab Journal of Information Technology*.

Zhou, H., Wu, J., dkk., 2010. *Digital Image Processing - Part II*. [Online] dari <http://bookboon.com/en/digital-image-processing-part-two-ebook>. Diakses pada 19 Januari 2014.