

## DAFTAR PUSTAKA

- [1] L. N. Adli and I. Maliki, "Penerapan Metode Support Vector Machine Dan Zone Centroid Zone Pada Pengenalan Citra Katakana Dan Hiragana," 2018.
- [2] A. S. Kusnanto, "Implementasi OCR (Optical Character Recognition) Menggunakan Metode String Matching Untuk Mendeteksi Obat dan Makanan Berbasis Android," *J. Ilm. Komput. dan Inform.*, 2014.
- [3] F. Mohammad, J. Anarase, M. Shingote, and P. Ghanwat, "Optical Character Recognition Implementation using Pattern Matching," *Int. J. Res. Appl. Sci. Eng. Technol.*, vol. 7, no. 8, pp. 1092–1095, 2019, doi: 10.22214/ijraset.2019.8155.
- [4] R. Andria, Yogi and N. Widiastuti, Indriani, "Optical Character Recognition (OCR) Menggunakan Support Vector Machine (SVM) dan Zoning Pada Sertifikat," *Skripsi*, 2019.
- [5] KBBI, "sertifikat." <https://kbbi.kemdikbud.go.id/entri/sertifikat> (accessed Mar. 18, 2020).
- [6] R. Hamidi, M. T. Furqon, and B. Rahayudi, "Implementasi Learning Vector Quantization ( LVQ ) untuk Klasifikasi Kualitas Air Sungai," *J. Pengemb. Teknol. Inf. dan Ilmu Komput. Univ. Brawijaya*, vol. 1, no. 12, pp. 1758–1763, 2017, [Online]. Available: <http://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/635>.
- [7] L. Anifah, H. Haryanto, and M. H. Purnomo, "Pengenalan Plat Mobil Indonesia menggunakan Learning Vector Quantization," *J. Fis. dan Apl.*, vol. 5, no. 1, p. 090103, 2009, doi: 10.12962/j24604682.v5i1.929.
- [8] M. D. Wuryandari and I. Afrianto, "Perbandingan Metode Jaringan Syaraf Tiruan Backpropagation Dan Learning Vector Quantization Pada Pengenalan Wajah," *Komputa*, vol. 1, no. 1, pp. 45–51, 2012.
- [9] Y. Feng and C. Zhao, "Application of learning vector quantization neural network in the financial failure prediction," *Biotechnol. An Indian J.*, vol. 8, no. 2, pp. 186–192, 2013.
- [10] A. S. Manurung, "PROTOTYPING," *Medium*, 2019. <https://medium.com/@ameliamanurung07/prototyping-a4aff5bdb558> (accessed Dec. 07, 2020).
- [11] P. Pangestu, "Penerapan Histogram Equalization pada Optical Character Recognition Preprocessing," *Ultimatics*, vol. VII, no. 1, pp. 27–34, 2015.
- [12] F. Liantoni, "Pengenalan karakter angka menggunakan metode Integral Proyeksi," *Regist. J. Ilm. Teknol. Sist. Inf.*, vol. 3, no. 2, p. 57, 2017, doi:

10.26594/register.v3i2.706.

- [13] M. R. Fauzi, N. Agus, and A. Ajulian, "Mengubah Tulisan Tangan Menjadi Text Digital Ocr ( Optical Character Recognition ) Dengan Menggunakan Metode Segmentasi Dan Korelasi," *TRANSIENT*, vol. 2, no. 4, pp. 1–5, 2013, doi: 2302-9927.
- [14] S. Bhahri and Rachmat, "Transformasi Citra Biner Menggunakan Metode Thresholding Dan Otsu Thresholding," *J. Sist. Inf. DAN Teknol. Inf.*, vol. 7, no. 2, pp. 195–203, 2018.
- [15] D. Putra, "Binerisasi Citra Tangan Dengan Metode Otsu," *Maj. Ilm. Teknol. Elektro*, vol. 3, no. 2, pp. 11–13, 2012, doi: 10.24843/10.24843/MITE.
- [16] B. Bhaskar, R. M. Manjushree, M. K. R. Kantesaria, and S. Nagendra, "MSER Based Object Character Recognition Technique," *Int. J. Res. Appl. Sci. Eng. Technol.*, vol. 5, no. Vi, pp. 2023–2031, 2017.
- [17] A. M. Purba, A. Harjoko, and M. E. Wibowo, "Text Detection In Indonesian Identity Card Based On Maximally Stable Extremal Regions," *IJCCS (Indonesian J. Comput. Cybern. Syst.*, vol. 13, no. 2, p. 177, 2019, doi: 10.22146/ijccs.41259.
- [18] M. Donoser and H. Bischof, "Efficient Maximally Stable Extremal Region (MSER) tracking," *Proc. IEEE Comput. Soc. Conf. Comput. Vis. Pattern Recognit.*, vol. 1, pp. 553–560, 2006, doi: 10.1109/CVPR.2006.107.
- [19] I. M. G. Sunarya, M. W. A. Kesiman, and I. A. P. Purnami, "Segmentasi citra tulisan tangan aksara bali berbasis proyeksi vertikal dan horisontal," *J. Inform.*, vol. 9, no. 1, pp. 982–992, 2015.
- [20] A. Septiarini, "Segmentasi Karakter Menggunakan Profil Proyeksi," *J. Inform. Mulawarman*, vol. 7, no. 2, pp. 66–69, 2012.
- [21] E. Wahyudi, D. Triyanti, and I. Ruslianto, "Identifikasi Teks Dokumen Menggunakan Metode Profile Projection Dan Template Matching," *J. Coding Sist. Komput. Untan*, vol. 03, no. 2, pp. 1–10, 2015.
- [22] P. B. Android, H. Y. Susetya, A. Rachmat, and K. A. Nugraha, "Implementasi Moment Invariant Untuk Pengenalan Label Buku Perpustakaan Berbasis Android," no. May, 2017, doi: 10.21460/jutei.2017.11.13.
- [23] E. P. Cynthia and E. Ismanto, "JARINGAN SYARAF TIRUAN ALGORITMA BACKPROPAGATION DALAM MEMPREDIKSI KETERSEDIAAN KOMODITI PANGAN PROVINSI RIAU," *RABIT J. Teknol. dan Sist. Inf. Univrab*, vol. 2, no. 2, pp. 83–98, 2017, doi: <https://doi.org/10.36341/rabit.v2i2.152>.

- [24] N. I. Widiastuti, E. Rainarli, and K. E. Dewi, "Peringkasan dan Support Vector Machine pada Klasifikasi Dokumen," *J. Infotel*, vol. 9, no. 4, p. 416, 2017, doi: 10.20895/infotel.v9i4.312.
- [25] F. Sasmita and K. P. Kinanti, "Ekstraksi Informasi Dokumen Karya Tulis Ilmiah Menggunakan Algoritma Learning Vector Quantization," 2017.
- [26] F. A. Prabowo and M. Syani, "SISTEM INFORMASI PENGOLAHAN SERTIFIKAT BERBASIS WEB DI DIVISI TRAINING SEAMOLEC," *J. Masy. Inform. Indones. (JMII Vol 1/IV/2016)*, vol. 1, no. 1, pp. 73–81, 2017.
- [27] U. D. Widianti, "Pembangunan Sistem Informasi Aset Di Pt.Industri Telekomunikasi Indonesia (Persero) Berbasis Web," *J. Ilm. Komput. dan Inform.*, vol. 1, no. 2, pp. 1–6, 2012.
- [28] R. 2014 Afyenni, "Perancangan Data Flow Diagram untuk Sistem Informasi Sekolah (Studi Kasus Pada SMA Pembangunan Laboratorium UNP)," *Teknoif*, vol. 2, no. 1, pp. 35–39, 2014.
- [29] B. A. Herlambang and V. A. V. Setyawati, "Perancangan Data Flow Diagram Sistem Pakar Penentuan Kebutuhan Gizi Bagi Individu Normal Berbasis Web," *J. Inform. UPGRIS*, vol. 1, pp. 78–85, 2015.
- [30] B. Cahyono, "Penggunaan Software Matrix Laboratory(MATLAB) Dalam Pembelajaran Aljabar Linier," *J. Phenom.*, vol. 1, no. 1, pp. 45–62, 2013.
- [31] M. Ariyanto and W. Caesarendra, "Panduan Belajar Mandiri MATLAB," *J. Univ. Diponegoro*, no. October, p. 42, 2011.
- [32] A. A. Pradipta, Y. A. Prasetyo, and N. Ambarsari, "Pengembangan Web E-Commerce Bojana Sari Menggunakan Metode Prototype," *e-Proceeding Eng.*, vol. 2, no. 1, pp. 1042–1056, 2015.
- [33] D. Purnomo, "Model Prototyping Pada Pengembangan Sistem Informasi," *J I M P - J. Inform. Merdeka Pasuruan*, vol. 2, no. 2, pp. 54–61, 2017, doi: 10.37438/jimp.v2i2.67.
- [34] T. S. Jaya, "Pengujian Aplikasi dengan Metode Blackbox Testing Boundary Value Analysis (Studi Kasus: Kantor Digital Politeknik Negeri Lampung)," *J. Inform. Pengemb. IT*, vol. 3, no. 2, pp. 45–46, 2018, [Online]. Available: <http://www.ejournal.poltektegal.ac.id/index.php/informatika/article/view/647/640>.