

DAFTAR PUSTAKA

- [1] I. Kurniawan, S. Aulia, and A. Hartaman, "Rancang Bangun Sistem Pembelajaran Pengenalan Komponen Elektronika Berbasis Pengolahan Citra," *E-Proceeding Appl. Sci.*, vol. 9, no. 1, p. 273, Feb. 2023.
- [2] Winarto and E. Itje Sela, "Implementasi Image Processing Dengan Metode Learning Vector Quantization Untuk Aplikasi Pengenalan Buah-Buahan," *Univ. Teknol. Yogyakarta*, 2019.
- [3] E. R. Santos, E. C. Burini Junior, and W. S. H. Hui, "Influence of temperature in the performance of the LED lamp," *Rev. Bras. Apl. Vácuo*, vol. 39, no. 2, p. 156, Aug. 2020, doi: 10.17563/rbav.v39i2.1171.
- [4] F. Sihabudin and S. Aulia, "Sistem Pendeteksi Dan Penghitung Objek Berbasis Image Processing," *E-Proceeding Appl. Sci.*, vol. 5, no. 3, p. 3174, Desember 2019.
- [5] C.-Y. Huang, J.-Y. Wu, and E. Huang, "A digital image processing model for characteristics capture and analysis of irregular electronic components," *Int. J. Adv. Manuf. Technol.*, vol. 102, no. 9–12, pp. 4309–4318, Jun. 2019, doi: 10.1007/s00170-019-03451-5.
- [6] R. Alfita, A. F. Ibadilah, and A. Prianto, "Identifikasi Nilai Nominal Uang Kertas Berdasarkan Warna Berbasis Image Processing Menggunakan Metode Template Matching," *J. Tek. ELEKTRO DAN Komput. TRIAC*, vol. 9, no. 1, 2022.
- [7] R. Nuraini, "Klasifikasi Citra Jenis Kapasitor Menggunakan Kombinasi Algoritma K-Nearest Neighbor dan Principal Component Analysis," *J. Comput. Syst. Inform. JoSYC*, vol. 3, no. 3, pp. 133–140, May 2022, doi: 10.47065/josyc.v3i3.1694.
- [8] D. Almanda and N. Majid, "Studi Analisa Penyebab Kerusakan Kapasitor Bank Sub Station Welding di PT. Astra Daihatsu Motor," *Resist. Elektron. KEndali Telekomun. Tenaga List. Komput.*, vol. 2, no. 1, p. 7, May 2019, doi: 10.24853/resistor.2.1.7-14.
- [9] J.-E. Joo *et al.*, "An Indoor-Monitoring LiDAR Sensor for Patients with Alzheimer Disease Residing in Long-Term Care Facilities," *Sensors*, vol. 22, no. 20, p. 7934, Oct. 2022, doi: 10.3390/s22207934.
- [10] C. L. Cocianu and M.-S. Avramescu, "The Use of LSTM Neural Networks to Implement the NARX Model. A Case Study of EUR-USD Exchange Rates," *Inform. Econ.*, vol. 24, no. 1/2020, pp. 5–14, Mar. 2020, doi: 10.24818/issn14531305/24.1.2020.01.
- [11] D. R. Taningrum, Dr. I. B. Hidayat IPM, and Hariyani S.T., M.T., "Sistem Pengidentifikasian Plat Nomor Kendaraan Mobil Menggunakan Principal Component Analysis Dan Klasifikasi K-Nn," *E-Proceeding Eng.*, vol. 3, no. 2, p. 1868, Agustus 2016.
- [12] A. D. Krismawan and E. H. Rachmawanto, "Principal Component Analysis (PCA) dan K-Nearest Neighbor (KNN) dalam Deteksi Masker pada Wajah," *Pros. Sains Nas. Dan Teknol.*, vol. 12, no. 1, p. 382, Nov. 2022, doi: 10.36499/psnst.v12i1.7066.
- [13] K. Khairunnas, E. M. Yuniarno, and A. Zaini, "Pembuatan Modul Deteksi Objek Manusia Menggunakan Metode YOLO untuk Mobile Robot," *J. Tek. ITS*, vol. 10, no. 1, pp. A50–A55, Aug. 2021, doi: 10.12962/j23373539.v10i1.61622.
- [14] D. J. P. Manajang, "Implementasi Framework Tensorflow Object Detection Dalam Mengklasifikasi Jenis Kendaraan Bermotor," *J. Tek. Inform.*, vol. 15, no. 3, pp. 171–178, 2020.
- [15] A. R. Nugraha and A. Hasan, "Kendali Perangkat Elektronik Menggunakan Aplikasi Berbasis Web Menggunakan Arduino," *JUMANTAKA*, vol. 3, no. 1, 2019, [Online]. Available: <http://jurnal.stmik-dci.ac.id/index.php/jumantaka/>
- [16] M. Naim, *Teori Dasar Listrik dan ELEktronika*. JI. Raya Wangandowo, Bojong Pekalongan, Jawa Tengah 51156: PT. Nasya Expanding Management, 2022. [Online]. Available: www.penerbitnem.com/penerbitnem@gmail.c

- [17] L. Kamelia, Y. Sukmawiguna, and N. Utami Adiningsih, "Rancang Bangun Sistem Exhaust Fan Otomatis Menggunakan Sensor Light Dependent Resistor (LDR)," *Edisi*, vol. 10, no. 1, p. 156, Mei 2017.
- [18] I. Y. Basri and D. Irfan, *KOMPONEN ELEKTRONIKA*. Jl. Prof. Dr. Hamka No. 29 Tabing – Padang: SUKABINA Press, 2018.
- [19] S. Noor and N. Saputera, "Efisiensi Pemakaian Daya Listrik Menggunakan Kapasitor Bank," *J. POROS Tek.*, vol. 6, no. 2, pp. 55–102, 2014.
- [20] R. M. Raphael Clinton and R. Sengkey, "rombang mathew raphael clinton," *J. Tek. Elektro Dan Komput.*, vol. 8, no. 3, p. 183, 2019.
- [21] F. Hadi Kusuma, A. Ubaidillah Ms, A. Fiqhi Ibadillah, V. N. Vivin Nahari, K. Joni, and A. Kurniawan Saputro, "Sistem Identifikasi Kesegaran dan Jenis Ikan dengan Metode K-Nearest Neighbor Berdasarkan Citra Mata dan Bentuk Ikan," *J. FORTECH*, vol. 4, no. 1, Mar. 2023, doi: 10.56795/fortech.v4i1.383.
- [22] R. T. Handayanto and H. Herlawati, "Prediksi Kelas Jamak dengan Deep Learning Berbasis Graphics Processing Units," *J. Kaji. Ilm.*, vol. 20, no. 1, pp. 67–76, Jan. 2020, doi: 10.31599/jki.v20i1.71.
- [23] R. Gelar Guntara, "Pemanfaatan Google Colab Untuk Aplikasi Pendeteksian Masker Wajah Menggunakan Algoritma Deep Learning YOLOv7," *J. Teknol. Dan Sist. Inf. Bisnis*, vol. 5, no. 1, pp. 55–60, Feb. 2023, doi: 10.47233/jteksis.v5i1.750.
- [24] R. Mo and A. Shaout, "Portable Facial Recognition Jukebox Using Fisherfaces (Frj)," *Int. J. Adv. Comput. Sci. Appl.*, vol. 7, no. 3, 2016, doi: 10.14569/IJACSA.2016.070302.
- [25] M. Rizky, "Pemanfaatan Artificial Intelligence dalam Menghadapi Pandemi Covid-19: Systematic Literatur Riview," *J. Sist. Cerdas*, vol. 05, no. 01, pp. 46–52, 2022.
- [26] J. S. Asri and G. Firmansyah, "Implementasi objek detection dan tracking menggunakan deep learning untuk pengolahan citra digital," *Konf. Nas. Sist. Inf.*, p. 717, 2018.
- [27] S. I. Putri and S. Sudarti, "Analisis Intensitas Cahaya di Dalam Ruangan dengan Menggunakan Aplikasi Smart Luxmeter Berbasis Android," *J. Materi Dan Pembelajaran Fis.*, vol. 12, no. 2, p. 51, Oct. 2022, doi: 10.20961/jmpf.v12i2.51474.
- [28] P. R. Aningtiyas, A. Sumin, and S. Wirawan, "Pembuatan Aplikasi Deteksi Objek Menggunakan TensorFlow Object Detection API dengan Memanfaatkan SSD MobileNet V2 Sebagai Model Pra - Terlatih," *J. Ilm. Komputasi*, vol. 19, no. 3, Mar. 2020, doi: 10.32409/jikstik.19.3.68.
- [29] I. Salamah, M. R. A. Said, and S. Soim, "Perancangan Alat Identifikasi Wajah Dengan Algoritma You Only Look Once (YOLO) Untuk Presensi Mahasiswa," *J. MEDIA Inform. BUDIDARMA*, vol. 6, no. 3, p. 1492, Jul. 2022, doi: 10.30865/mib.v6i3.4399.
- [30] C. Geraldly and C. Lubis, "PENDETEKSIAN DAN PENGENALAN JENIS MOBIL MENGGUNAKAN ALGORITMA YOU ONLY LOOK ONCE DAN CONVOLUTIONAL NEURAL NETWORK," *J. Ilmu Komput. Dan Sist. Inf.*, vol. 8, no. 2, p. 197, Aug. 2020, doi: 10.24912/jiksi.v8i2.11495.
- [31] A. T. Aulia, S. A. Wibowo, and F. Akhyar, "Pembelajaran Kolaboratif Berdasarkan Two-Branch Neural Network dan YOLOv5 Untuk Deteksi Objek Pada Kendaraan Otonom," *E-Proceeding Eng.*, vol. 10, no. 3, p. 2199, Jun. 2023.
- [32] D. Permana and J. Sutopo, "APLIKASI PENGENALAN ABJAD SISTEM ISYARAT BAHASA INDONESIA (SIBI) DENGAN ALGORITMA YOLOv5," *J. Simantec*, vol. 11, no. 2, pp. 231–240, Jul. 2023, doi: 10.21107/simantec.v11i2.19783.
- [33] G. Chandan, A. Jain, H. Jain, and Mohana, "Real Time Object Detection and Tracking Using Deep Learning and OpenCV," in *2018 International Conference on Inventive*

- Research in Computing Applications (ICIRCA)*, Coimbatore: IEEE, Jul. 2018, pp. 1305–1308. doi: 10.1109/ICIRCA.2018.8597266.
- [34] A. Carolina and L. Lina, “SISTEM PENJUALAN DENGAN PENGENALAN PRODUK SECARA OTOMATIS MENGGUNAKAN METODE YOLO,” *Simtek J. Sist. Inf. Dan Tek. Komput.*, vol. 8, no. 2, pp. 271–275, Oct. 2023, doi: 10.51876/simtek.v8i2.224.
- [35] Y. Li, Z. Zhao, Y. Luo, and Z. Qiu, “Real-Time Pattern-Recognition of GPR Images with YOLO v3 Implemented by Tensorflow,” *Sensors*, vol. 20, no. 22, p. 6476, Nov. 2020, doi: 10.3390/s20226476.
- [36] S. Mariko, “Aplikasi website berbasis HTML dan JavaScript untuk menyelesaikan fungsi integral pada mata kuliah kalkulus,” *J. Inov. Teknol. Pendidik.*, vol. 6, no. 1, pp. 80–91, Apr. 2019, doi: 10.21831/jitp.v6i1.22280.
- [37] S. Supatmi, T. N. Nizar, and R. Fahlevi, “SISTEM KONTROL PERALATAN RUMAH DAN MONITORING KONDISI RUMAH MELALUI INTERNET BERBASIS WEB DAN OPENWRT,” *J. Tek. Komput. Unikom – Komputika*, vol. 3, no. 2, 2014.