

## DAFTAR PUSTAKA

- [1] Q. Mutiara and E. Prasetyo, "Perbandingan Metode Eigenface, Fisherface, dan LBPH pada Sistem Pengenalan Wajah," *J. Ilm. Komputasi*, vol. 18, no. 4, 2019, doi: 10.32409/jikstik.18.4.2675.
- [2] Navaneeth Kamballur Kottayil, "What Does Facial Recognition Mean?," *Techopedia*. <https://www.techopedia.com/definition/32071/facial-recognition>.
- [3] S. Al-Aidid and D. Pamungkas, "Sistem Pengenalan Wajah dengan Algoritma Haar Cascade dan Local Binary Pattern Histogram," *J. Rekayasa Elektr.*, vol. 14, no. 1, pp. 62–67, 2018, doi: 10.17529/jre.v14i1.9799.
- [4] H. Simaremare and A. Kurniawan, "Perbandingan Akurasi Pengenalan Wajah Menggunakan Metode LBPH dan Eigenface dalam Mengenal Tiga Wajah Sekaligus secara Real-Time," *J. Sains, Teknol. dan Ind.*, vol. 14, no. 1, pp. 66–71, 2016.
- [5] R. Amat, J. Y. Sari, and I. P. Ningrum, "Implementasi Metode Local Binary Patterns Untuk Pengenalan Pola Huruf Hiragana Dan Katakana Pada Smartphone," *JUTI J. Ilm. Teknol. Inf.*, vol. 15, no. 2, p. 152, 2017, doi: 10.12962/j24068535.v15i2.a612.
- [6] R. Purwati and G. Ariyanto, "Pengenalan Wajah Manusia berbasis Algoritma Local Binary Pattern," *Emit. J. Tek. Elektro*, vol. 17, no. 2, pp. 29–38, 2017, doi: 10.23917/emitor.v17i2.6232.
- [7] T. Suparwati, "Dengan Metode Eigenface," pp. 252–261.
- [8] M. M. Barmawi, A. Z, and M. R. A F, "Daftar Kehadiran Mahasiswa dengan Autentikasi Wajah Menggunakan Metode Eigenface," *MIND J.*, vol. 1, no. 1, pp. 62–75, 2018, doi: 10.26760/mindjournal.v1i2.62-75.
- [9] M. L. R. Chandra, B. V. Kumar, and B. Sureshbabu, "IoT enabled home with smart security," *2017 Int. Conf. Energy, Commun. Data Anal. Soft Comput. ICECDS 2017*, pp. 1193–1197, 2018, doi: 10.1109/ICECDS.2017.8389630.
- [10] N. Fitriyah, B. Hidayat, and S. Aulia, "Analisis dan simulasi sistem pengenalan wajah dengan metode fisherface berbasis outdoorvideo," *Isbn*, vol. 2, pp. 1–7, 2015.
- [11] Y. Y. Park, Y. Choi, and K. Lee, "A Study on the Design and Implementation of Facial Recognition Application System," vol. 6, no. 2, pp. 1–10, 2014.
- [12] F. Deeba, A. Ahmed, H. Memon, F. A. Dharejo, and A. Ghaffar, "LBPH-based enhanced real-time face recognition," *Int. J. Adv. Comput. Sci. Appl.*, vol. 10, no. 5, pp. 274–280, 2019, doi: 10.14569/ijacsa.2019.0100535.
- [13] J. Efendi, M. I. Zul, and W. Yunanto, "Real time face recognition using eigenface and viola-jones face detector," *Int. J. Informatics Vis.*, vol. 1, no. 1, pp. 16–22, 2017, doi: 10.30630/joiv.1.1.15.
- [14] A. W. Wibowo, A. Karima, Wiktasari, A. Yobioktabera, and S. Fahriah, "Pendeteksian dan Pengenalan Wajah Pada Foto Secara Real Time Dengan Haar Cascade dan Local Binary Pattern Histogram," *JTET (Jurnal Tek. Elektro Ter.)*, vol. Vol. 9 No., pp. 6 – 11, 2020.
- [15] M. P. Loi, "Universitas Sumatera Utara," 2018.
- [16] N. Aini, "Implementasi Metode Fisherface pada Absensi Wajah Karyawan Studi Kasus PT . Illuminati Metamorphosis Makassar," pp. 109–114, 2017.

- [17] R. F. Pradipta, D. Darlis, and S. Rangkuti, "Face Recognition Sebagai Sistem Pendataan dan Akses Masuk Perpustakaan Daerah," pp. 126–130, 2020.
- [18] M. C. Fachrudik, C. Rahmad, and B. Harijanto, "METODE EIGENFACE ( Studi Kasus : Politeknik Negeri Malang )," pp. 1–7.
- [19] R. Irianto, S. Prabowo, R. Yasirandi, F. Informatika, U. Telkom, and F. Recognition, "IMPLEMENTASI FACE RECOGNITION MENGGUNAKAN METODE HAAR-CASCADE," vol. 6, no. 2, pp. 8931–8942, 2019.
- [20] X. M. Zhao and C. B. Wei, "A real-time face recognition system based on the improved LBPH algorithm," *2017 IEEE 2nd Int. Conf. Signal Image Process. ICSIP 2017*, vol. 2017-Janua, pp. 72–76, 2017, doi: 10.1109/SIPROCESS.2017.8124508.
- [21] A. A. Andarinny, C. E. Widodo, and K. Adi, "Perancangan Sistem Identifikasi Biometrik Jari Tangan Menggunakan Laplacian Of Gaussian dan Ekstraksi Kontur," *Youngster Phys. J.*, vol. 6, no. 4, pp. 304–314, 2017.
- [22] A. Fauzan, L. Novamizanti, and Y. N. Fuadah, "PERANCANGAN SISTEM DETEKSI WAJAH UNTUK PRESENSI KEHADIRAN MENGGUNAKAN METODE LBPH ( Local Binary Pattern Histogram ) BERBASIS ANDROID," *e-Proceeding Eng.*, vol. 5, no. 3, pp. 5403–5413, 2018.
- [23] M. R. Kumaseh, L. Latumakulita, and N. Nainggolan, "Segmentasi Citra Digital Ikan Menggunakan Metode Thresholding," *J. Ilm. Sains*, vol. 13, no. 1, p. 74, 2013, doi: 10.35799/jis.13.1.2013.2057.
- [24] F. M. Abubakar, "Image Enhancement using Histogram Equalization and Spatial Filtering," *Int. J. Sci. Res.*, vol. 1, no. 3, pp. 2319–7064, 2012, [Online]. Available: [www.ijsr.net](http://www.ijsr.net).
- [25] M. S. Karis, N. R. A. Razif, N. M. Ali, M. A. Rosli, M. S. M. Aras, and M. M. Ghazaly, "Local Binary Pattern (LBP) with application to variant object detection: A survey and method," *Proceeding - 2016 IEEE 12th Int. Colloq. Signal Process. its Appl. CSPA 2016*, no. March, pp. 221–226, 2016, doi: 10.1109/CSPA.2016.7515835.
- [26] N. Stekas and D. Van Den Heuvel, "Face recognition using local binary patterns histograms (LBPH) on an FPGA-based system on chip (SoC)," *Proc. - 2016 IEEE 30th Int. Parallel Distrib. Process. Symp. IPDPS 2016*, pp. 300–304, 2016, doi: 10.1109/IPDPSW.2016.67.
- [27] H. Al Fatta, "Sistem presensi karyawan berbasis pengenalan wajah dengan algoritma," *Image (Rochester, N.Y.)*, pp. 164–170, 2006.
- [28] Indra, "Sistem Pengenalan Wajah Dengan Metode Eigenface Untuk Absensi Pada PT Florindo Lestari," *Semin. Nas. Teknol. Inf. Komun. Terap.*, vol. 2012, no. Semantik, pp. 138–144, 2012.