

DAFTAR PUSTAKA

- Alfian, F. E., Wijaya, I. G. P. S., & Bimantoro, F. (2020). IDENTIFIKASI IRIS MATA MENGGUNAKAN METODE WAVELET DAUBECHIES DAN K-NEAREST NEIGHBOR.
- Ali, Amjad, dkk. (2023). Demystifying CNN with Mathematical Insights: A Prelude with Application to an AI-based Sustainable Solution for Diabetic Retinopathy Diagnosis. doi:10.21203/rs.3.rs-3338196/v1
- Alzubaidi, L. et al. (2021) "Review of deep learning: concepts, CNN architectures, challenges, applications, future directions," Journal of Big Data, 8(1). Available at: <https://doi.org/10.1186/s40537-021-00444-8>.
- Amin Nurdin, M., Cahya Wihandika, R., & Utaminingrum, F. (2020). Deteksi Pergerakan Arah Mata menggunakan Convolution Neural Network berdasarkan Facial Landmark (Vol. 4, Number 10). <http://j-ptiik.ub.ac.id>
- As'ad, M. A. (2022). ANALISIS PENGENALAN POLA IRIS MATA MENGGUNAKAN METODE EKSTRAKSI FITUR HISTOGRAM DAN ALGORITMA K-NEAREST NEIGHBOR (KNN).
- Babu, G., & Pinjari, A. K. (2024). A New Design of Iris Recognition Using Hough Transform with K-Means Clustering and Enhanced Faster R-CNN. Cybernetics and Systems, 55(2), 551–584. <https://doi.org/10.1080/01969722.2022.2122012>
- Balasubramanian, S. K., Jeganathan, V., & Subramani, T. (2022). Deep Learning-Based Iris Segmentation Algorithm for Effective Iris Recognition System. Proceedings of Engineering and Technology Innovation, 20(x), xx–xx. <https://doi.org/10.46604/peti.2022.10002>
- Crammer, K. (2022). On the algorithmic implementation of multiclass kernel-based vector machines (Vol. 2). JMLR.
- Chen, Y., Gan, H., Chen, H., Zeng, Y., Xu, L., Heidari, A. A., Zhu, X., & Liu, Y. (2023). Accurate iris segmentation and recognition using an end-to-end unified framework based on MADNet and DSANet. Neurocomputing, 517, 264–278. <https://doi.org/10.1016/j.neucom.2022.10.064>
- Eddine, Guissous Alla. (2019). Skin Lesion Classification Using Deep Neural Network. doi:10.48550/arXiv.1911.07817
- El-Sofany, H., Bouallegue, B., & Abd El-Latif, Y. M. (2024). A proposed biometric authentication hybrid approach using iris recognition for improving cloud security. Heliyon, 10(16). <https://doi.org/10.1016/j.heliyon.2024.e36390>
- Ezar, M., Rivan, A., Devella, S., & Saputra, J. (2020). Pengenalan Iris Dengan Normalisasi Menggunakan LBP dan RBF. Jurnal CoreIT, 6(2).
- Farouk, R. H., Mohsen, H., & El-Latif, Y. M. A. (2022). A Proposed Biometric Technique for Improving Iris Recognition. International

- Journal of Computational Intelligence Systems, 15(1).
<https://doi.org/10.1007/s44196-022-00135-z>
- Ganeeva, Y., & Myasnikov, E. (2020). Iris segmentation in an image using U-Net convolutional neural network architecture.
<https://doi.org/10.18287/2412-6179>
- Hakim, A. Z. N. (2022). IMPLEMENTASI METODE FIRE DAN IMAGE PROCESSING CITRA MATA UNTUK MENDETEKSI POLA IRIS PADA PROSES AUTENTIKASI SMARTPHONE.
- Jalilian, E., Uhl, A., & Kwitt, R. (2015). Domain Adaptation for CNN Based Iris Segmentation. IEEE.
- Khan, S.H. and Iqbal, R. (2025) “A Comprehensive Survey on Architectural Advances in Deep CNNs: Challenges, Applications, and Emerging Research Directions.” Available at: <https://arxiv.org/pdf/2503.16546> (Accessed: December 13, 2025).
- Kurniawan, A. F. (2022). IMPLEMENTASI DEEP LEARNING UNTUK PENGENALAN IRIS MATA MENGGUNAKAN ALGORITMA CONVOLUTIONAL NEURAL NETWORK.
- Kurniawan, A. F., Wulanningrum, R., & Swanjaya, D. (2021). Pengenalan Iris Mata Menggunakan Metode Convolutional Neural Network.
- Lei, S., Shan, A., Liu, B., Zhao, Y., & Xiang, W. (2023). Lightweight and efficient dual-path fusion network for iris segmentation. Scientific Reports, 13(1). <https://doi.org/10.1038/s41598-023-39743-w>
- Lestari, I. S., Jumadi, J., & Lukman, N. (2024). IMPLEMENTASI CONVOLUTIONAL NEURAL NETWORK DENGAN PRE-TRAINED MODEL MOBILENETV2 UNTUK DETEKSI KOLESTEROL. *Rabit : Jurnal Teknologi Dan Sistem Informasi Univrab*, 9(2), 173–183. <https://doi.org/10.36341/rabit.v9i2.4732>
- Llorella, Fabio (2022). Classify four imagined objects with EEG signals. *Evolutionary Intelligence*. 15. doi:10.1007/s12065-021-00577-y
- Lozej, J., Meden, B., Struc, V., & Peer, P. (2018). End-to-End Iris Segmentation using U-Net. <https://github.com/jus390/U-net-Iris-segmentation>,
- Lukáš Semerád, & Martin Draňanský. (2021). Chapter Retina Recognition Using Crossings and Bifurcations. www.intechopen.com
- M. Shen, Y. Wei, Z. Liao, L. Zhu, IriTrack: Deteksi Serangan Presentasi Wajah Menggunakan Pelacakan Iris, *Prosiding ACM Interact. Mob. Wearable Ubiquitous Technol.* 5 (2021) 78:1–78:21.
- M., S., Omelina, L., Cornelis, J., & Jansen, B. (2022). *Iris Segmentation based on an Optimized U-Net*. 176–183. <https://doi.org/10.5220/0010825800003123>
- Omran, M., & Alshemmary, E. N. (2020). An Iris Recognition System Using Deep convolutional Neural Network. *Journal of Physics: Conference Series*, 1530(1). <https://doi.org/10.1088/1742-6596/1530/1/012159>

- Proença, H. M., & Alexandre, L. F. B. (2009). *UBIRIS Iris Image Database Version 2* [Data set]. SOCIA Lab: Soft Computing and Image Analysis Group, University of Beira Interior. <https://iris.di.ubi.pt/ubiris2.html>
- Roziqin, A. (2023). IMPLEMENTASI METODE TRANSFER LEARNING DAN ALGORITMA RANDOM FOREST PADA IDENTIFIKASI IRIS MATA.
- Sarmah, A. J., Dutta, G. N., Lahkar, D., Talukdar, N., & Lahkar, B. (2022). Biometric Authentication-Person Identification using Iris Recognition. In *International Journal of Innovative Science and Research Technology* (Vol. 7, Number 5). www.ijisrt.com
- Sathyanarayanan, S. and Tantri, B.R. (2024) “*Confusion matrix*-Based Performance Evaluation Metrics,” *African Journal of Biomedical Research* [Preprint]. Available at: <https://doi.org/10.53555/ajbr.v27i4s.4345>.
- Soebroto A Andy, Wayan F Mahmudy, Hidayat Nurul, Putri R R Mardi, & Nugroho A Satriyo. (2025). Deep Learning Architecture Model for Iris Image Segmentation In Biometrics.
- Tan, T., & Institute of Automation, Chinese Academy of Sciences. (2021). *CASIA-Iris-Thousand* [Data set]. Kaggle (Diunggah oleh sondosaabed). <https://www.kaggle.com/datasets/sondosaabed/casia-iris-thousand>
- Wangsadidjaja, A.A. (2023) “Application Of Deep Learning For Image Deepfake Detector Using Convolutional Neural Network Algorithm,” *bit-Tech*, 6(2). Available at: <https://doi.org/10.32877/bt.v6i2.1000>.
- Wang C, Wang Y, Xu B, He Y, Dong Z, & Sun Z. (2020). *A LIGHTWEIGHT MULTI-LABEL SEGMENTATION NETWORK FOR MOBILE IRIS BIOMETRICS*. IEEE.
- Wei, Y., Zeng, A., Zhang, X., & Huang, H. (2022). RAG-Net: ResNet-50 *Attention Gate* network for accurate iris segmentation. *IET Image Processing*, 16(11), 3057–3066. <https://doi.org/10.1049/ipr2.12538>
- Yoo, D., & Shin, H. J. (2025). Deep-Learning Model for Iris and Eyebrow Segmentation and Automation of Eye Landmark Measurements in Acquired Ptosis. *Biomedicines*, 13(10). <https://doi.org/10.3390/biomedicines13102557>
- Zhou, A., Ma, Y., Ji, W., Zong, M., Yang, P., Wu, M., & Liu, M. (2023). Multi-head attention-based two-stream EfficientNet for action recognition. *Multimedia Systems*, 29(2), 487–498. <https://doi.org/10.1007/s00530-022-00961-3>