

## DAFTAR PUSTAKA

- [1] “Kombinasi warna rgb ( red, green, blue ),”  
<https://steemit.com/programming/@yandaalpriansyah/kombinasi-warna-rgb-red-green-blue-english-indonesia>.
- [2] Saha Sumit Dec 16, 2018 “A comprehensive guide to convolutional neural networks — the eli5 way,”<https://towardsdatascience.com/a-comprehensive-guide-to-convolutional-neural-networks-the-eli5-way-3bd2b1164a53>.
- [3] “Rectified linear units (relu) in deep learning,”  
<https://www.kaggle.com/code/dansbecker/rectified-linear-units-relu-in-deep-learning/notebook>.
- [4] “Fully-connected layer cnn dan implementasinya,”  
<https://machinelearning.mipa.ugm.ac.id/2018/06/25/fully-connected-layer-cnn-dan-implementasinya/>.
- [5] “Fully-connected layer cnn dan implementasinya,”  
<https://machinelearning.mipa.ugm.ac.id/2018/06/25/fully-connected-layer-cnn-dan-implementasinya/>.
- [6] “Mobilenet(keras-nb4),” <https://www.kaggle.com/code/bavalpreet26/mobilenet-keras-nb4>.
- [7] Astuti Fitri Kusuma, Murningsih, and Jumari, “Keanekaragaman jenis tumbuhan paku (PTERIDOPHYTA) di jalur pendakian selo kawasan Taman Nasional Gunung Merbabu Jawa Tengah” *Jurnal Biologi*, volume 6 no 2, April 2017.
- [8] A. Izzuddin, R. Wahyudi, and D. P. Kartini, “Pengenalan spesies gulma dengan metode ekstraksi ciri principal component analysis (pca) dan metode

- klasifikasi extreme learning machine (elm),” *Energy-Jurnal Ilmiah Ilmu-Ilmu Teknik*, vol. 8, no. 2, pp. 42–48, 2018.
- [9] M. F. Naufal, “Analisis perbandingan algoritma svm, knn, dan cnn untuk klasifikasi citra cuaca.” *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 8, no. 2, pp. 311–317, 2021.
- [10] U. Khultsum, F. Sarasati, and G. Taufik, “Penerapan metode mobile-net untuk klasifikasi citra penyakit kanker paru-paru,” *JURIKOM (Jurnal Riset Komputer)*, vol. 9, no. 5, pp. 1366–1374, 2022.
- [11] T. Setyawati *et al.*, *Pedoman Analisis Resiko Tumbuhan Asing Invasif (Post Border)*. Bogor, Indonesia: FORIS Indonesia, Pusat Penelitian dan Pengembangan Hutan, Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia, 2016.
- [12] P. Diana, H. Febriani, and M. A. Hutasuhut, “Analisis vegetasi tumbuhan invasi di taman nasional batang gadis resort 7 sopotinjak,” *Agrinula*, vol. 5, no. 1, pp. 1–9, 2021.
- [13] P. Diana, “Analisis vegetasi tumbuhan asing invasif di taman nasional batang gadis resort 7 sopotinjak kecamatan batang natal kabupaten mandailing natal sumatera utara,” Ph.D. dissertation, Universitas Islam Negeri Sumatera Utara, 2021.
- [14] E. Widaryanto and A. H. Zaini, *Teknologi Pengendalian Gulma*. Universitas Brawijaya Press, 2021.
- [15] A. Mukaromah, I. Husna, K. N. Lutfiana, and R. Wahyuningsih, “Eksplorasi keanekaragaman kupu-kupu (lepidoptera) dan status konservasinya di taman nasional gunung merbabu jawa tengah,” *Indonesian Journal of Mathematics and Natural Sciences*, vol. 42, no. 1, pp. 16–22, 2019.

- [16] T. Setyawati *et al.*, *A Guide Book to Invasive Plant Species in Indonesia*. Bogor, Indonesia: Research, Development and Innovation Agency Ministry of Environment and Forestry Republic of Indonesia, 2015.
- [17] E. Yulia, R. Iryadi *et al.*, “Kirinyuh (*chromolaena odorata*): species distribution modeling and the potential use of fungal pathogens for its eradication,” in *IOP Conference Series: Earth and Environmental Science*, vol. 762, no. 1. IOP Publishing, 2021, p. 012023.
- [18] T. Nurhikmat *et al.*, “Implementasi deep learning untuk image classification menggunakan algoritma convolutional neural network (cnn) pada citra wayang golek,” 2018.
- [19] Y. Yuhandri, A. Ramadhanu, and H. Syahputra, “Pengenalan teknologi pengolahan citra digital (digital image processing) untuk santri di rahmatan lil’alamin international islamic boarding school,” *Community Development Journal: Jurnal Pengabdian Masyarakat*, vol. 3, no. 2, pp. 1239–1244, 2022.
- [20] L. Farokhah, “Implementasi k-nearest neighbor untuk klasifikasi bunga dengan ekstraksi fitur warna rgb,” *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIK)*, vol. 7, no. 6, pp. 1129–1135, 2020.
- [21] T. F. Kusumaningrum Tutut Furi., “Implementasi convolution neural network (cnn) untuk klasifikasi jamur konsumsi di indonesia menggunakan keras,” 2018.
- [22] S. Ilahiyah and A. Nilogiri, “Implementasi deep learning pada identifikasi jenis tumbuhan berdasarkan citra daun menggunakan convolutional neural network,” *JUSTINDO (Jurnal Sistem Dan Teknologi Informasi Indonesia)*, vol. 3, no. 2, pp. 49–56, 2018.
- [23] I. Putra, “Klasifikasi citra menggunakan convolutional neural network (cnn) pada caltech 101,” Ph.D. dissertation, Institut Teknologi Sepuluh Nopember,

2016.

- [24] K. USMAN, N. K. C. PRATIWI, N. IBRAHIM, H. SYAHRIAN, and V. P. RAHADI, "Evaluasi optimizer pada residual network untuk klasifikasi klon teh seri gmb berbasis citra daun," *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, vol. 9, no. 4, p. 841, 2021.
- [25] D. P. Kingma and J. Ba, "Adam: A method for stochastic optimization," 2014. [Online]. Available: <https://arxiv.org/abs/1412.6980>
- [26] "How does batch size impact your model learning," <https://medium.com/geekculture/how-does-batch-size-impact-your-model-learning-2dd34d9fb1fa>, accessed: 2022-12-06.
- [27] "Understand the impact of learning rate on neural network performance," <https://machinelearningmastery.com/understand-the-dynamics-of-learning-rate-on-deep-learning-neural-networks>.
- [28] P. N. Zakiya and L. Novamizanti, "Klasifikasi patologi makula retina melalui citra oct menggunakan convolutional neural network dengan arsitektur mobilenet," *eProceedings of Engineering*, vol. 8, no. 5, 2021.
- [29] P. N. Srinivasu, J. G. SivaSai, M. F. Ijaz, A. K. Bhoi, W. Kim, and J. J. Kang, "Classification of skin disease using deep learning neural networks with mobilenet v2 and lstm," *Sensors*, vol. 21, no. 8, p. 2852, 2021.