

DAFTAR PUSTAKA

- [1] M. A. Qadar, A. Hidayatno, and Y. A. A. Soetrisno, "APLIKASI PENDETEKSI KOTAK UNTUK MENENTUKAN UKURAN TUBUH MENGGUNAKAN ALGORITMA HSV," *Transient: Jurnal Ilmiah Teknik Elektro*, vol. 9, no. 1, 2020, doi: 10.14710/transient.v9i1.8-16.
- [2] R. T. H. Hasan and A. B. Sallow, "Face Detection and Recognition Using OpenCV," *Journal of Soft Computing and Data Mining*, vol. 2, no. 2, 2021, doi: 10.30880/jscdm.2021.02.02.008.
- [3] X. Xu *et al.*, "Crack Detection and Comparison Study Based on Faster R-CNN and Mask R-CNN," *Sensors*, vol. 22, no. 3, 2022, doi: 10.3390/s22031215.
- [4] G. Wang, Y. Chen, P. An, H. Hong, J. Hu, and T. Huang, "UAV-YOLOv8: A Small-Object-Detection Model Based on Improved YOLOv8 for UAV Aerial Photography Scenarios," *Sensors*, vol. 23, no. 16, 2023, doi: 10.3390/s23167190.
- [5] M. E. Ilas and C. Ilas, "A new method of histogram computation for efficient implementation of the HOG algorithm," *Computers*, vol. 7, no. 1, 2018, doi: 10.3390/computers7010018.
- [6] H.-C. Kang, H.-N. Han, H.-C. Bae, M.-G. Kim, J.-Y. Son, and Y.-K. Kim, "HSV Color-Space-Based Automated Object Localization for Robot Grasping without Prior Knowledge," *Applied Sciences*, vol. 11, no. 16, p. 7593, Aug. 2021, doi: 10.3390/app11167593.
- [7] D. Giuliani, "Metaheuristic Algorithms Applied to Color Image Segmentation on HSV Space," *J Imaging*, vol. 8, no. 1, p. 6, Jan. 2022, doi: 10.3390/jimaging8010006.
- [8] M. H. Malik, T. Zhang, H. Li, M. Zhang, S. Shabbir, and A. Saeed, "Mature Tomato Fruit Detection Algorithm Based on improved HSV and Watershed

- Algorithm,” *IFAC-PapersOnLine*, vol. 51, no. 17, pp. 431–436, 2018, doi: 10.1016/j.ifacol.2018.08.183.
- [9] L. B. de Guzman, “Classification of Immature and Mature Coffee Beans Using HSV Features and Machine Learning Algorithms,” *International Journal of Emerging Trends in Engineering Research*, vol. 8, no. 8, pp. 4350–4356, Aug. 2020, doi: 10.30534/ijeter/2020/49882020.
- [10] I. Golpour, J. A. Parian, and R. A. Chayjan, “Identification and classification of bulk paddy, brown, and white rice cultivars with colour features extraction using image analysis and neural network,” *Czech Journal of Food Sciences*, vol. 32, no. 3, pp. 280–287, Jun. 2014, doi: 10.17221/238/2013-CJFS.
- [11] W. A. Putra, M. R. Alfarisi, G. I. Hapsari, and Periyadi, “MEASURING BABY’S BODY LENGTH UTILIZING IMAGE PROCESSING,” *Jurnal Teknologi Informasi Universitas Lambung Mangkurat (JTIULM)*, vol. 7, no. 1, 2022, doi: 10.20527/jtiulm.v7i1.116.
- [12] F. Pedregosa *et al.*, “Scikit-learn: Machine learning in *Python*,” *Journal of Machine Learning Research*, vol. 12, 2011.
- [13] L. J. Erawati Dewi, “Media Pembelajaran Bahasa Pemrograman C++,” *Jurnal Pendidikan Teknologi dan Kejuruan*, vol. 7, no. 1, 2012, doi: 10.23887/jptk.v7i1.31.
- [14] H. Bin Mehare, J. P. Anilkumar, and N. A. Usmani, “The *Python* Programming Language,” in *A Guide to Applied Machine Learning for Biologists*, 2023. doi: 10.1007/978-3-031-22206-1_2.
- [15] Rahmat Musfikar, Ichsanul Akbar, Sarini Vita Dewi, and Aulia Syarif Aziz, “E-Module Bahasa Pemrograman Java Berbasis Exe-Learning,” *Jurnal PROCESSOR*, vol. 18, no. 1, 2023, doi: 10.33998/processor.2023.18.1.704.
- [16] R. Watrianthos, “STRUKTUR BAHASA PEMROGRAMAN PASCAL ATAU BAHASA C,” *JURNAL INFORMATIKA*, vol. 2, no. 1, 2019, doi: 10.36987/informatika.v2i1.192.

- [17] L. Ningsih and P. Cholidhazia, "Classification Of Tomato Maturity Levels Based on RGB And HSV Colors Using KNN Algorithm," *RIGGS: Journal of Artificial Intelligence and Digital Business*, vol. 1, no. 1, pp. 25–30, Jul. 2022, doi: 10.31004/riggs.v1i1.10.
- [18] Y. Zou and X. Zou, "Fast Algorithm of Brightness and Contrast Enhancement Based on HSV," in *Frontiers in Artificial Intelligence and Applications*, vol. 373, 2023. doi: 10.3233/FAIA230915.
- [19] M. M. Gulzar, R. P. Singh, and D. M. Mehra, "HSV Values and OpenCV for Object Tracking," *International Journal of Innovative Research in Computer Science & Technology*, pp. 43–48, Jan. 2022, doi: 10.55524/ijircst.2022.10.1.8.
- [20] J. K. Basak, B. G. K. Madhavi, B. Paudel, N. E. Kim, and H. T. Kim, "Prediction of Total Soluble Solids and pH of Strawberry Fruits Using RGB, HSV and HSL Colour Spaces and Machine Learning Models," *Foods*, vol. 11, no. 14, 2022, doi: 10.3390/foods11142086.
- [21] F. G. Waldamichael, T. G. Debelee, and Y. M. Ayano, "Coffee disease detection using a robust HSV color-based segmentation and transfer learning for use on smartphones," *International Journal of Intelligent Systems*, vol. 37, no. 8, pp. 4967–4993, Aug. 2022, doi: 10.1002/int.22747.
- [22] C. R. Harris *et al.*, "Array programming with NumPy," 2020. doi: 10.1038/s41586-020-2649-2.
- [23] S. Van Der Walt, S. C. Colbert, and G. Varoquaux, "The NumPy array: A structure for efficient numerical computation," *Comput Sci Eng*, vol. 13, no. 2, 2011, doi: 10.1109/MCSE.2011.37.