

DAFTAR PUSTAKA

- [1] M. H. Isnain *et al.*, *Sistem Persepsi Berbasis Transformasi Hough pada Robot Sepakbola Humanoid Dago Hoogeschool*. 2017.
- [2] S. Al Irfan and N. Satya Widodo, "Application of Deep Learning Convolution Neural Network Method on KRSBI Humanoid R-SCUAD Robot Penerapan Metode Deep Learning Convolution Neural Network pada Robot KRSBI Humanoid R-SCUAD," *Buletin Ilmiah Sarjana Teknik Elektro*, vol. 2, no. 1, pp. 40–50, 2020, doi: 10.12928/biste.v1i2.985.
- [3] T. M. Tsani, "Mesin Visi Pada Robot Sepak Bola R-SCUAD," 2015.
- [4] Y. DESTIANTORO, "Sistem Keseimbangan Robot R - SCUAD Menggunakan Sensor Gyroscope Dan Accelerometer," 2017.
- [5] S. Susanto, E. Jamzuri, R. Analia, D. Pamungkas, and H. Soebhakti, *The Deep learning Development for Real-Time Ball and Goal Detection of Bareleng-FC*. 2017. doi: 10.1109/ELECSYM.2017.8240393.
- [6] M. Annas, "PENGEMBANGAN MESIN VISI BERBASIS MACHINE LEARNING," 2020.
- [7] M. Alim, "PELACAKAN OBJEK PADA MESIN VISI UNTUK ROBOT HUMANOID MENGGUNAKAN DEEP LEARNING," 2022.
- [8] H. Farazi and S. Behnke, *Online Visual Robot Tracking and Identification using Deep LSTM Networks*. 2017. doi: 10.0/Linux-x86_64.

- [9] M. Dąbrowski, J. Gromada, and T. Michalik, "A practical study of neural network-based image classification model trained with transfer learning method," in *Position Papers of the 2016 Federated Conference on Computer Science and Information Systems*, PTI, Oct. 2016, pp. 49–56. doi: 10.15439/2016f211.
- [10] H. and R. E. Mandala, "Sistem Deteksi Bola Berdasarkan Warna Bola Dan Background Warna Lapangan Pada Robot Barelang FC (1)," 2016.
- [11] S. Susanto, F. A. Putra, and R. Analia, "XNOR-YOLO: The high precision of the ball and goal detecting on the barelang-FC robot soccer," in *Proceedings of ICAE 2020 - 3rd International Conference on Applied Engineering*, Institute of Electrical and Electronics Engineers Inc., Oct. 2020. doi: 10.1109/ICAE50557.2020.9350386.
- [12] I. Ha, Y. Tamura, H. Asama, J. Han, and D. W. Hong, "Development of Open Humanoid Platform DARwIn-OP," 2011.
- [13] "Robotis, <http://support.robotis.com/product/darwinop/development/framework.htm>".
- [14] A. Jalil, "ROBOT OPERATING SYSTEM (ROS) DAN GAZEBO SEBAGAI MEDIA PEMBELAJARAN ROBOT INTERAKTIF," *ILKOM Jurnal Ilmiah*, vol. 10, no. 3, pp. 284–289, Dec. 2018, doi: 10.33096/ilkom.v10i3.365.284-289.
- [15] "wikimedia, <https://upload.wikimedia.org/wikipedia/commons/e/e7/ROS-master-node-topic.png>".
- [16] N. Mahamkali, V. Ayyasamy, M. Naveenkumar, and A. Vadivel, "OpenCV for Computer Vision Applications FACIAL EXPRESSION AND EMOTION DETECTION View project Object tracking in video sequence with failure detection and recovery mechanisms using the properties of HSV

- color space View project OpenCV for Computer Vision Applications,” 2015. [Online]. Available: <https://www.researchgate.net/publication/301590571>
- [17] Latupono, “14611203_Boki Latupno_Tugas Akhir_Statistika,” 2018.
- [18] H. Xu, X. Lv, X. Wang, Z. Ren, N. Bodla, and R. Chellappa, “Deep Regionlets: Blended Representation and Deep Learning for Generic Object Detection,” *IEEE Trans Pattern Anal Mach Intell*, vol. 43, no. 6, pp. 1914–1927, Jun. 2021, doi: 10.1109/TPAMI.2019.2957780.
- [19] P. Kim, *MATLAB Deep Learning*. Apress, 2017. doi: 10.1007/978-1-4842-2845-6.
- [20] Suartika, “KLASIFIKASI CITRA MENGGUNAKAN CONVOLUTIONAL NEURAL NETWORK (CNN) PADA CALTECH 101.”
- [21] D. Bolya, C. Z. Fanyi, X. Yong, and J. Lee, “YOLACT Real-time Instance Segmentation.” [Online]. Available: <https://github.com/dbolya/yolact>.
- [22] P. Athira, T. P. Mithun Haridas, and M. H. Supriya, “Underwater Object Detection model based on YOLOv3 architecture using Deep Neural Networks,” in *2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021*, Institute of Electrical and Electronics Engineers Inc., Mar. 2021, pp. 40–45. doi: 10.1109/ICACCS51430.2021.9441905.
- [23] “<https://www.makersupplies.sg/products/waveshare-nvidia-jetson-orin-nx-8gb-16gb-developer-kit>”.
- [24] “<https://manual.robotis.com/docs/en/parts/controller/opencm904/>”.
- [25] “<https://manuals.plus/id/logitech/c920-hd-pro-webcam-manual#axzz8W8L4BDUA>”.

- [26] F. A. Romzi, "IMPLEMENTASI OBJECT TRACKING PADA KAMERA PENGAWAS SEMI-OTOMATIS DENGAN IMAGE PROCESSING METODE MEAN-SHIFT," 2018.
- [27] J. Long, E. Shelhamer, and T. Darrell, "Fully Convolutional Networks for Semantic Segmentation."
- [28] L. Zhang, G. Ding, C. Li, and D. Li, "DCF-Yolov8: An Improved Algorithm for Aggregating Low-Level Features to Detect Agricultural Pests and Diseases," *Agronomy*, vol. 13, no. 8, Aug. 2023, doi: 10.3390/agronomy13082012.