

DAFTAR PUSTAKA

- Ananth, K. N. S., Rakesh, V., and Visweswarao, P. K., 2013, Design and Selecting the Proper Conveyor-Belt, *Int. J. Eng. Adv. Technol.*, 4(2), 43-49.
- Arducam, 2024, OV2640: Specs, Camera, Datasheet and Alternative, <https://www.arducam.com/ov2640/>, diakses 26 September 2024.
- Aslong, 2021, ASLONG JGY-370S 12V/24V 46*32MM Brushed DC Turbine Worm Reduction Motor, <https://www.aslongdcmotor.com/sale-41823560-aslong-jgy-370s-12v-24v-46-32mm-brushed-dc-turbine-worm-reduction-motor-dual-output-shaft-worm-gear-.html>, diakses 25 September 2024.
- Bovik, A. C., 2000, *Handbook of Image and Video Processing*, Academic Press, San Diego.
- Das, B. and Halder, K. K., 2024, Face Recognition Using ESP32-Cam for Real-Time Tracking and Monitoring, *ICACCESS*, Dhaka.
- Dejan, 2022, L298N Motor Driver - Arduino Interface, How It Works, Codes, Schematics, <https://howtomechatronics.com/tutorials/arduino/arduino-dc-motor-control-tutorial-l298n-pwm-h-bridge/>, diakses 25 September 2024.
- Espressif, 2016, ESP32 Wi-Fi & Bluetooth SoC., <https://www.espressif.com/en/products/socs/esp32>, diakses 25 September 2024.
- Espressif, 2023, ESP32-WROOM-32 Datasheet, https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32_datasheet_en.pdf, diakses 25 September 2024.
- Fielding, R. and Reschke, J., 2014, Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests. Internet Engineering Task Force (IETF). RFC 7232, <https://datatracker.ietf.org/doc/rfc7232/>, diakses 14 Oktober 2024.
- Fuller, J., 2023, IR Infrared Obstacle Avoidance Sensor - Arduino Tutorial. Circuits DIY, <https://www.circuits-diy.com/ir-infrared-obstacle-avoidance-sensor-arduino-tutorial/>, diakses 5 September 2024.
- Garcia-Lamont, F., Cervantes, J., López, A., and Rodriguez, L., 2018, Segmentation of Images by Color Features: A survey, *Neurocomputing*, 292, 1-27.
- Gonzalez, R. C., and Woods, R. E., 2018, *Digital Image Processing*, 4th edition, Prentice Hall, Upper Saddle River.
- He, L., Cheng, X., Jiwa, A., Li, D., Fang, J., and Du, Z., 2023, Zanthoxylum Bungeanum Fruit Detection by Adaptive Thresholds in HSV Space for an Automatic Picking System, *IEEE Sens. J.*, 13 (23), 14471-14486.
- Hilmi, M., Sumiati, dan Astuti, D. A., 2015, Egg Production and Physical Quality in Cortunix Japonica Fed Diet Containing Piperine Feed Additive, *Media Peternakan*, 38, 150-155.

- IBM, 2023, TCP/IP Concepts, <https://www.ibm.com/docs/en/zos/3.1.0?topic=concepts-tcpip>, diakses 26 September 2024.
- Koranteng, Y. K., Kornu, J., Mensah, E., Gedel, W., and Aidoo, I. K., 2020, Design and Development of an Egg Collecting and Sorting System equipped with an HMI for Poultry Farms, *UMaT Biennial International Mining and Mineral Conference*, Tarkwa.
- Lucas, J., 2017, What Is Ultraviolet Light?, LiveScience. Purch. <https://www.livescience.com/50326-what-is-ultraviolet-light.html>, diakses: 25 September 2024.
- Madsen, R., 2017, Color Models and Color Spaces, - Programming Design Systems, <https://programmingdesignsystems.com/color/color-models-and-color-spaces/index.html>, diakses: 25 September 2024.
- Maindola, G., 2022, 4 Image Segmentation Techniques in OpenCV Python, MLK - Machine Learning Knowledge, <https://machinelearningknowledge.ai/image-segmentation-in-python-opencv/>, diakses 25 September 2024.
- Malik, R., 2017, Mengenal Motor Servo, <https://fit.labs.telkomuniversity.ac.id/mengenal-motor-servo/>, diakses 5 September 2024.
- Maslinda Bt Miasin, S. H., Lim, P. C., dan Minoi, J. L., 2021, Pre-processing Technique using Colour-based Feature Method to Detect Categories of Leaves Disease, *SCOREd*, Kota Kinabalu.
- Mathworks, 2020, Understanding Color Spaces and Color Space Conversion - MATLAB & Simulink, <https://www.mathworks.com/help/images/understanding-color-spaces-and-color-space-conversion.html>, diakses 25 September 2024.
- Mborst, 2023, Understanding Ultraviolet LED Applications and Precautions. Marktech Optoelectronics, <https://marktechopto.com/understanding-ultraviolet-led-applications-and-precautions/>, diakses 25 September 2024.
- Minichino, J. and Howse, J., 2016, *Learning OpenCV 3 Computer Vision with Python*, 2nd edition, Packt Publishing, Birmingham.
- Narkhede, S., 2021, Understanding *Confusion matrix*, Towards Data Science, <https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62>, diakses 22 Oktober 2024.
- Nawazi, F., 2023, HW201 Infrared (IR) Sensor Module, Circuits DIY, <https://www.circuits-diy.com/hw201-infrared-ir-sensor-module/>, diakses 25 September 2024.
- Nopriandi, F., Desrial, dan Hermawan, W., 2015, Desain dan Pengujian Mesin Sortasi Telur Ayam, *JTEP*, 3(2), 153-160.

- Nungsiyati, Taufiq, Novantry, S., dan Muslihudin, M., 2017, Aplikasi Pakar Menentukan Telor Puyuh Terbaik Menggunakan *Simple Additive Weighting*, *Seminar Nasional Darmajaya*, Lampung.
- OmniVision, 2007, Advanced Information Preliminary Datasheet OV2640 Color CMOS UXGA (2.0 MegaPixel), <https://www.arducam.com/ov2640/>, diakses 26 September 2024.
- OpenCV, 2013, Color Conversions, https://docs.opencv.org/3.4/de/d25/imgproc_color_conversions.html, diakses 25 September 2024.
- OpenCV, 2017, Changing the Contrast and Brightness of an Image, https://docs.opencv.org/4.x/d3/dc1/tutorial_basic_linear_transform.html, diakses 25 September 2024.
- Ostapiuk, R., 2023, Introduction to TCP/IP (Part 4) - Sockets and Ports. Microchip Developer Help, <https://developerhelp.microchip.com/xwiki/bin/view/applications/tcp-ip/sockets-ports/#HTCP2FIPPorts>, diakses 26 September 2024.
- Priyadumkol, J., Kittichaikarn, C., and Thainimit, S., 2017, Crack Detection on Unwashed Eggs Using Image Processing, *J. Food Eng.*, 209, 76-82.
- Quilloy, E. P., Suministrado, D. C., and Bato, P. M., 2018, Single-Line Automated Sorter Using Mechatronics and Machine Vision System for Philippine Table Eggs, *AJAR*, 13(17), 918-926.
- Rosebrock, A., 2023, OpenCV Smoothing and Blurring, PyImageSearch, <https://pyimagesearch.com/2021/04/28/opencv-smoothing-and-blurring/>, diakses 25 September 2024.
- Sarwono, B., 1994, *Pengawetan dan Pemanfaatan Telur*, Penebar Swadaya, Jakarta.
- Suresh, V., 2019, Texas A&M researchers uncover the science behind zapping bacteria with ultraviolet light. Texas A&M Engineering Experiment Station, <https://tees.tamu.edu/news/2019/12/texas-am-researchers-uncover-the-science-behind-zapping-bacteria-with-ultraviolet-light.html>, diakses 29 November 2024.
- Szeliski, R., 2010, *Computer Vision: Algorithms and Applications*, Springer, Heidelberg.
- Tharwat, A., 2023, Classification assessment methods, *Journal of Computer Science and Engineering*, 17(1), 170-190.
- TowerPro, 2018, MG90S digital servo (), <https://www.towerpro.com.tw/product/mg90s-3/>, diakses 25 September 2024.
- Tushar, K., Kumar, and Kumar, S., 2022, Object Detection using OpenCV and Deep Learning, *ICAC3N*, Greater Noida.

Vipin, 2024, Contour Detection in OpenCV: A Comprehensive Guide. Medium, <https://medium.com/@vipinra79/mastering-contouring-in-opencv-a-comprehensive-guide-10e6fe2a069a>, diakses 25 September 2024.

Vovveti, V., 2020, Thresholding an Image, <https://docs.wplib.org/en/stable/docs/software/vision-processing/wpilibpi/image-thresholding.html>, diakses 25 September 2024.

Yuniar, R. J., Giyantara, A., and Maliki, A., 2022, Egg Quality Detection Conveyor System Design, *ISESD*, Bandung.