DAFTAR PUSTAKA

Arikan, S., Varanasi, K., & Stricker, D. (2019). *Surface Defect Classification in Real-Time Using Convolutional Neural Networks*. (1). http://arxiv.org/abs/1904.04671

Azhari, F. A., Rohana, T., Baihaqi, K. A., & Fauzi, A. (2025). Road Damage Detection Using Yolov9-Based Imagery. *Jurnal Sisfokom (Sistem Informasi Dan Komputer)*, *14*(2), 196–201. https://doi.org/10.32736/sisfokom.v14i2.2377

Ciksadan, C., Soim, S., & Jami, N. (2024). Desain dan Pengembangan Website untuk Mendeteksi Malware Menggunakan Framework Flask yang Diintegrasikan dengan Machine Learning. *Jurnal Teknologi Sistem Informasi Dan Aplikasi*, *7*(3), 1213–1218. https://doi.org/10.32493/jtsi.v7i3.42003

Hütten, N., Alves Gomes, M., Hölken, F., Andricevic, K., Meyes, R., & Meisen, T. (2024). Deep Learning for Automated Visual Inspection in Manufacturing and Maintenance: A Survey of Open- Access Papers. *Applied System Innovation*, *7*(1). https://doi.org/10.3390/asi7010011

Khemlapure, V., Patil, A., Chavan, N., & Mali, N. (2024). Product Defect Detection Using Deep Learning. *International Journal of Intelligent Systems and Applications*, *16*(4), 39–54. https://doi.org/10.5815/ijisa.2024.04.03

Kong, H., & You, C. (2024). Improved steel surface defect detection algorithm based on YOLOv8. *2024 7th International Conference on Computer Information Science and Application Technology, CISAT 2024*, 80–83. https://doi.org/10.1109/CISAT62382.2024.10695239

Kotthapalli, M., Ravipati, D., & Bhatia, R. (2025). *YOLOv1 to YOLOv11: A Comprehensive Survey of Real-Time Object Detection Innovations and Challenges*. 1–13. http://arxiv.org/abs/2508.02067

Kujawińska, A., & Vogt, K. (2015). Human factors in visual quality control. *Management and Production Engineering Review*, *6*(2), 25–31. https://doi.org/10.1515/mper-2015-0013

Maududy, R., & Rizal Nursyamsi, D. (2024). Pengembangan Real-Time Monitoring dan Data Logging Berbasis Web Pada Proses Robot Painting untuk Meningkatkan Efisiensi Produksi. *Informatics and Digital Expert (INDEX)*, *5*(2), 89–94. https://doi.org/10.36423/index.v5i1.1586

Pamungkas, B. K., Wibowo, R., & Lestari, S. (2024). Sistem Informasi Quality Control Berbasis Web Pada Perusahaan Furniture Di Klaten. *Jurnal Informatika Dan Sistem*, *9*(3), 101–110.

Ramadhan, M. F., Fauzi, A., Wahiddin, D., & Rohana, T. (2024). Pemodelan Inspeksi Painting Defect Pada Mobil Menggunakan Convolutional Neural

Network (Cnn). *Jurnal Teknik Informasi Dan Komputer (Tekinkom)*, *7*(2), 531. https://doi.org/10.37600/tekinkom.v7i2.1519

Ramos, L. T., & Sappa, A. D. (2025). A Decade of You Only Look Once (YOLO) for Object Detection: A Review. *IEEE Access*, *13*, 192747–192794. https://doi.org/10.1109/ACCESS.2025.3630988

Soesanti, I. (2016). Web-based monitoring system on the production process of Yogyakarta batik industry. *Journal of Theoretical and Applied Information Technology*, *87*(1), 146–152.

Sun, X., Gu, J., Tang, S., & Li, J. (2018). Research progress of visual inspection technology of steel products-A review. *Applied Sciences (Switzerland)*, *10*(11). https://doi.org/10.3390/app8112195

Thurston, B. (2024). *Defect Detection in Manufacturing : Leveraging YOLOv8 for Real- Time Quality Control on Production Lines*. *4*(5), 1–7.

Tian, H., Wang, D., Lin, J., Chen, Q., & Liu, Z. (2020). Surface defects detection of stamping and grinding flat parts based on machine vision. *Sensors (Switzerland)*, *20*(16), 1–17. https://doi.org/10.3390/s20164531

Trampert, P., Masiak, T., Schmidt, F., Thewes, N., Kruse, T., Witte, C., & Schneider, G. (2024). Production-Ready End-to-End Visual Quality Inspection for Defect Detection on Surfaces Based on a Multi-Stage AI System. *Proceedings of the 4th International Conference on Image Processing and Vision Engineering, IMPROVE 2024*, (Improve), 55–66. https://doi.org/10.5220/0012536500003720

V, V., K, C. R., & C., R. A. (2022). *Real Time Object Detection System with YOLO and CNN Models: A Review*. http://arxiv.org/abs/2208.00773

Zhao, Z. Q., Zheng, P., Xu, S. T., & Wu, X. (2019). Object Detection with Deep Learning: A Review. *IEEE Transactions on Neural Networks and Learning Systems*, *30*(11), 3212–3232. https://doi.org/10.1109/TNNLS.2018.2876865

Zubayer, M. H., Zhang, C., & Wang, Y. (2023). Deep Learning-Based Automatic Defect Detection of Additive Manufactured Stainless Steel. *Metals*, *13*(12). https://doi.org/10.3390/met13121987

Pintu. (2023). Apa Itu Computer Vision dalam AI dan 3 Fungsinya?. Pintu. https://pintu.co.id/blog/computer-vision-adalah

Medium. (2021). Elemen Penting dalam Deep Learning for Computer Vision yang Harus Diketahui Sebelum Membuat Model Pertamamu!. Medium. https://medium.com/data-folks-indonesia/elemen-penting-dalam-deep-learning-for-computer-vision-yang-harus-diketahui-sebelum-membuat-model-d74b1befb1d0

Pemrogramanmatlab. (2023). Memahami Algoritma You Only Look Once (YOLO) dan Penerapannya Menggunakan MATLAB. Pemrogramanmatlab. https://pemrogramanmatlab.com/2023/08/09/memahami-algoritma-you-only-look-once-yolo-dan-penerapannya-menggunakan-matlab/

Medium. (2023). YOLOv8 for Object Detection Explained [Practical Example]. Medium. https://medium.com/cord-tech/yolov8-for-object-detection-explained-practical-example-23920f77f66a

UBP KARAWANG