

## DAFTAR PUSTAKA

- [1] S. Wang, X. Xia, L. Ye, and B. Yang, “Automatic detection and classification of steel surface defect using deep convolutional neural networks,” *Metals (Basel)*, vol. 11, no. 3, pp. 1–23, Mar. 2021, doi: 10.3390/met11030388.
- [2] S. Y. Lee, B. A. Tama, S. J. Moon, and S. Lee, “Steel surface defect diagnostics using deep convolutional neural network and class activation map,” *Applied Sciences (Switzerland)*, vol. 9, no. 24, Dec. 2019, doi: 10.3390/app9245449.
- [3] E. A. Kholief, S. H. Darwish, and M. N. Fors, “Detection of Steel Surface Defect Based on Machine Learning Using Deep Auto-encoder Network.”
- [4] M. Sharifzadeh, R. Amirfattahi, S. Sadri, S. Alirezaee, and M. Ahmadi, “Detection of steel defect using the image processing algorithms,” 2008.
- [5] R. C. Gonzalez and R. E. (Richard E. Woods, *Digital image processing*.
- [6] A. Pengolahan..., N. Zaid Munantri, H. Sofyan, and M. Yanu, “APLIKASI PENGOLAHAN CITRA DIGITAL UNTUK IDENTIFIKASI UMUR POHON,” 2019.
- [7] L. 'Novianty, A. 'Novamizanti, *Pengantar Kompresi Data*. 2020.
- [8] X. Lv, F. Duan, J.-J. Jiang, X. Fu, and L. Gan, “Deep Active Learning for Surface Defect Detection,” *Sensors*, vol. 20, p. 1650, Dec. 2020, doi: 10.3390/s20061650.
- [9] “Rully Soelaiman” “I Wayan Suartika E. P” “Arya Yudhi Wijaya,” “Klasifikasi Citra Menggunakan Convolutional Neural Network (Cnn) pada Caltech 101,” vol. 5, no. 2337-3539 (2301-9271 Print), 2016.
- [10] S. Jupiyandi, F. R. Saniputra, Y. Pratama, M. R. Dharmawan, and I. Cholissodin, “PENGEMBANGAN DETEKSI CITRA MOBIL UNTUK MENGETAHUI JUMLAH TEMPAT PARKIR MENGGUNAKAN CUDA DAN MODIFIED YOLO,” vol. 6, no. 4, pp. 413–419, 2019, doi: 10.25126/jtiik.201961275.

- [11] S. Ren, K. He, R. Girshick, and J. Sun, "Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks." [Online]. Available: <https://github.com/>
- [12] A. Bochkovskiy, C.-Y. Wang, and H.-Y. M. Liao, "Yolov4: Optimal speed and accuracy of object detection," *arXiv preprint arXiv:2004.10934*, 2020.
- [13] K. He, X. Zhang, S. Ren, and J. Sun, "Spatial Pyramid Pooling in Deep Convolutional Networks for Visual Recognition," Jun. 2014, doi: 10.1007/978-3-319-10578-9\_23.
- [14] K. 'DIXIT, "NEU Surface Defect Database," <https://www.kaggle.com/datasets/kaustubhdikshit/neu-surface-defect-database>, 2020.
- [15] X. Lv, F. Duan, J. J. Jiang, X. Fu, and L. Gan, "Deep metallic surface defect detection: The new benchmark and detection network," *Sensors (Switzerland)*, vol. 20, no. 6, Mar. 2020, doi: 10.3390/s20061562.
- [16] J. 'Brownlee, *Better Deep Learning Train Faster, Reduce Overfitting, and Make Better Predictions*. 2018.
- [17] Susilawati and Muhathir, "Analisis Pengaruh Fungsi Aktivasi, Learning Rate Dan Momentum Dalam Menentukan Mean Square Error (MSE) Pada Jaringan Saraf Restricted Boltzmann Machines (RBM) Analysis of The Influence Activation Function, Learning Rate And Momentum in Determining Mean Square Error (MSE) in Restricted Boltzmann Machines (RBM) Neural Network," *JITE*, vol. 2, no. 2, p. 2019, [Online]. Available: <http://ojs.uma.ac.id/index.php/jite>