

DAFTAR PUSTAKA

- Abdulghani, A. M., Abdulghani, M. M., Walters, W. L., & Abed, K. H. (2023). Data Augmentation with Noise and Blur to Enhance the Performance of YOLO7 Object Detection Algorithm. *2023 Congress in Computer Science, Computer Engineering, & Applied Computing (CSCE)*, 180–185. <https://doi.org/10.1109/CSCE60160.2023.00034>
- Afrin, T., & Yodo, N. (2020). A Survey of Road Traffic Congestion Measures towards a Sustainable and Resilient Transportation System. *Sustainability*, 12(11), 4660. <https://doi.org/10.3390/su12114660>
- Akbiyik, M. E. (2023). *Data Augmentation in Training CNNs: Injecting Noise to Images* (Version 1). arXiv. <https://doi.org/10.48550/ARXIV.2307.06855>
- Al Sobbahi, R., & Tekli, J. (2022). Comparing deep learning models for low-light natural scene image enhancement and their impact on object detection and classification: Overview, empirical evaluation, and challenges. *Signal Processing: Image Communication*, 109, 116848. <https://doi.org/10.1016/j.image.2022.116848>
- Bao, L., Wang, Q., Zuo, S., Jiang, Y., & Mo, X. (2021). Research on highway night traffic event detection method based on video processing. *2021 2nd International Seminar on Artificial Intelligence, Networking and Information Technology (AINIT)*, 248–251. <https://doi.org/10.1109/AINIT54228.2021.00056>
- Bishop, C. M. (1995). Training with Noise is Equivalent to Tikhonov Regularization. *Neural Computation*, 7(1), 108–116. <https://doi.org/10.1162/neco.1995.7.1.108>
- Chai, T., & Draxler, R. R. (2014). Root mean square error (RMSE) or mean absolute error (MAE)? – Arguments against avoiding RMSE in the literature. *Geoscientific Model Development*, 7(3), 1247–1250. <https://doi.org/10.5194/gmd-7-1247-2014>
- Chakraborty, P., Adu-Gyamfi, Y. O., Poddar, S., Ahsani, V., Sharma, A., & Sarkar, S. (2018). Traffic Congestion Detection from Camera Images using Deep Convolution Neural Networks. *Transportation Research Record: Journal of the Transportation Research Board*, 2672(45), 222–231. <https://doi.org/10.1177/0361198118777631>

- Chen, J., Bai, G., Liang, S., & Li, Z. (2016). Automatic Image Cropping: A Computational Complexity Study. *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 507–515. <https://doi.org/10.1109/CVPR.2016.61>
- Dodge, S., & Karam, L. (2016). Understanding how image quality affects deep neural networks. *2016 Eighth International Conference on Quality of Multimedia Experience (QoMEX)*, 1–6. <https://doi.org/10.1109/QoMEX.2016.7498955>
- Dou, H.-X., Lu, X.-S., Wang, C., Shen, H.-Z., Zhuo, Y.-W., & Deng, L.-J. (2022). PatchMask: A Data Augmentation Strategy with Gaussian Noise in Hyperspectral Images. *Remote Sensing*, 14(24), 6308. <https://doi.org/10.3390/rs14246308>
- Durmus, D. (2020). CIELAB color space boundaries under theoretical spectra and 99 test color samples. *Color Research & Application*, 45(5), 796–802. <https://doi.org/10.1002/col.22521>
- Goodfellow, I. J., Shlens, J., & Szegedy, C. (2014). *Explaining and Harnessing Adversarial Examples* (Version 3). arXiv. <https://doi.org/10.48550/ARXIV.1412.6572>
- Harjoko, A., Wahyono, Susyanto, N., Endrayanto, I., Putra, M. A., & Kamil, D. A. (2023). *Traffic Density Estimation Based on Block Occupancy Classification* (No. 11). ICIC International 学会. <https://doi.org/10.24507/icicel.17.11.1187>
- Kholik, A., Harjoko, A., & Wahyono, W. (2020). Classification of Traffic Vehicle Density Using Deep Learning. *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*, 14(1), 69. <https://doi.org/10.22146/ijccs.50376>
- Lashkov, I., Yuan, R., & Zhang, G. (2023). Edge-Computing-Facilitated Nighttime Vehicle Detection Investigations With CLAHE-Enhanced Images. *IEEE Transactions on Intelligent Transportation Systems*, 24(11), 13370–13383. <https://doi.org/10.1109/TITS.2023.3255202>
- Liu, B., Lam, C.-T., & Ng, B. K. (2021). Improved Real-Time Traffic Congestion Detection with Automatic Image Cropping using Online Camera Images. *2021 IEEE 21st International Conference on Communication Technology (ICCT)*, 1117–1122. <https://doi.org/10.1109/ICCT52962.2021.9657853>
- Mumuni, A., Mumuni, F., & Gerrar, N. K. (2024). *A survey of synthetic data*

augmentation methods in computer vision.

<https://doi.org/10.48550/ARXIV.2403.10075>

- Said, K. A. M., & Jambek, A. B. (2021). Analysis of Image Processing Using Morphological Erosion and Dilation. *Journal of Physics: Conference Series*, 2071(1), 012033. <https://doi.org/10.1088/1742-6596/2071/1/012033>
- Saloni Khurana & SACHDEVA INSTITUTE OF TECHNOLOGY/UPTU. (2015). Comparative Study on Threshold Techniques for Image Analysis. *International Journal of Engineering Research And*, V4(06), IJERTV4IS060563. <https://doi.org/10.17577/IJERTV4IS060563>
- Sigdel, M., Dinc, I., Sigdel, M. S., Dinc, S., Pusey, M. L., & Aygun, R. S. (2017). Feature analysis for classification of trace fluorescent labeled protein crystallization images. *BioData Mining*, 10(1), 14. <https://doi.org/10.1186/s13040-017-0133-9>
- Srisha, R., & Khan, A. (2013, December). *Morphological Operations for Image Processing: Understanding and its Applications*.
- Sundeeep, T., Divyasree, U., Tejaswi, K., Vinithanjali, U. R., & Kumar, A. K. (2023). Feature Extraction of Ophthalmic Images Using Deep Learning and Machine Learning Algorithms. *The 4th International Electronic Conference on Applied Sciences*, 170. <https://doi.org/10.3390/ASEC2023-15231>
- Szegedy, C., Vanhoucke, V., Ioffe, S., Shlens, J., & Wojna, Z. (2016). Rethinking the Inception Architecture for Computer Vision. *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2818–2826. <https://doi.org/10.1109/CVPR.2016.308>
- Trung, H. D. (2024). Estimation of Crowd Density Using Image Processing Techniques with Background Pixel Model and Visual Geometry Group. *Buletin Ilmiah Sarjana Teknik Elektro*, 6(2), Article 2. <https://doi.org/10.12928/biste.v6i2.10785>
- Wang, C., Chen, Y., Wang, J., & Qian, J. (2023). An Improved CrowdDet Algorithm for Traffic Congestion Detection in Expressway Scenarios. *Applied Sciences*, 13(12), 7174. <https://doi.org/10.3390/app13127174>
- Wu, X., Lai, Z., Jie, Z., Gao, C., Hou, X., Zhang, Y., & Shen, L. (2024). *Low-Light Enhancement Effect on Classification and Detection: An Empirical Study* (Version 1). arXiv. <https://doi.org/10.48550/ARXIV.2409.14461>

Zekson Arizona Matondang. (2018). Penerapan Metode Contrast Limited Adaptive Histogram Equalization (Clahe) Pada Citra Digital Untuk Memperbaiki Gambar X-ray. *Publikasi Ilmiah Teknologi Informasi Neumann*, 3(2), 24–29.