

DAFTAR PUSTAKA

- Agarwal, P., Burgard, W., & Spinello, L. (2015). Metric localization using Google Street View. *IEEE International Conference on Intelligent Robots and Systems*, 2015-Decem, 3111–3118. <https://doi.org/10.1109/IROS.2015.7353807>
- Alhasoun, F., & Gonzalez, M. (2019). Urban street contexts classification using convolutional neural networks and streets imagery. *Proceedings - 18th IEEE International Conference on Machine Learning and Applications, ICMLA 2019*, 1198–1204. <https://doi.org/10.1109/ICMLA.2019.00198>
- Almuhajri, M., & Suen, C. Y. (2022). A Complete Framework for Shop Signboards Detection and Classification. *Proceedings - International Conference on Pattern Recognition*, 2022-Augus, 4671–4677. <https://doi.org/10.1109/ICPR56361.2022.9956399>
- Aloysius, N., & Geetha, M. (2017). A review on deep convolutional neural networks. *Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017, 2018-Janua*(April 2017), 588–592. <https://doi.org/10.1109/ICCSP.2017.8286426>
- Amidi, A., Amidi, S., Nouri, S., & Nouri, S. (2019). *VIP Cheatsheet: Convolutional Neural Networks*. 1–5.
- Anguelov, D., Dulong, C., Filip, D., Frueh, C., Lafon, S., Lyon, R., Ogale, A., Vincent, L., & Weaver, J. (2010). *GOOGLE THE WORLD AT CAPTURING STREET VIEW: STREET LEVEL*.
- Balasubramaniam, A., & Pasricha, S. (2023). Object Detection in Autonomous Cyber-Physical Vehicle Platforms: Status and Open Challenges. *Machine Learning and Optimization Techniques for Automotive Cyber-Physical Systems*, 509–523. https://doi.org/10.1007/978-3-031-28016-0_17
- Bhat, S. F., Birkel, R., Wofk, D., Wonka, P., & Müller, M. (2023). *ZoeDepth: Zero-shot Transfer by Combining Relative and Metric Depth*.

<http://arxiv.org/abs/2302.12288>

Birkl, R., Wofk, D., & Müller, M. (2023). *MiDaS v3.1 -- A Model Zoo for Robust Monocular Relative Depth Estimation*. <http://arxiv.org/abs/2307.14460>

Borngrund, C. (2019). Machine vision for automation of earth-moving machines : Transfer learning experiments with YOLOv3. *Luleå University of Technology Department of Computer Science, Electrical and Space Engineering*, Retrieved from <http://urn.kb.se/resolve?urn=urn:nb>.

Choi, R. Y., Coyner, A. S., Kalpathy-Cramer, J., Chiang, M. F., & Peter Campbell, J. (2020). Introduction to machine learning, neural networks, and deep learning. *Translational Vision Science and Technology*, 9(2), 1–12. <https://doi.org/10.1167/tvst.9.2.14>

Chung, S., Shek, K., Butterfield, J., & Murphy, A. (2021). Current State of the Art in Object Detection for Autonomous Systems. *Imc37, September*.

De Guzman, L. B. N., & Raymond See, A. (2023). Using Monocular Depth Estimation for Distance Estimation in a Moving Vehicle. *Proceedings - 2023 International Conference on Computer Graphics and Image Processing, CGIP 2023*, 19–22. <https://doi.org/10.1109/CGIP58526.2023.00012>

Del Piero, C. C. A., & Amulek, S. A. S. (2023). Use of Deep Learning using the YOLOv5 and YOLOv8 models to estimate traffic sign recognition efficiency. *1st IEEE Colombian Caribbean Conference, C3 2023*, 5–10. <https://doi.org/10.1109/C358072.2023.10436170>

Devi, A., & Bangare, S. L. (2024). *Transfer Learning for Object Detection in Remote Sensing Images with YOLO Transfer Learning for Object Detection in Remote Sensing Images with YOLO*. April. <https://doi.org/10.52783/jes.1412>

Dumoulin, V., & Visin, F. (2016). *A guide to convolution arithmetic for deep learning*. 1–31. <http://arxiv.org/abs/1603.07285>

Gangadia, D. (2021). Activation Functions: Experimentation and Comparison.

2021 6th International Conference for Convergence in Technology, I2CT 2021, 1–6. <https://doi.org/10.1109/I2CT51068.2021.9417890>

Ghosh, A., Sufian, A., Sultana, F., Chakrabarti, A., & De, D. (2019). Fundamental concepts of convolutional neural network. *Intelligent Systems Reference Library*, 172, 519–567. https://doi.org/10.1007/978-3-030-32644-9_36

Hao, W., Yizhou, W., Yaqin, L., & Zhili, S. (2020). The Role of Activation Function in CNN. *Proceedings - 2020 2nd International Conference on Information Technology and Computer Application, ITCA 2020*, 429–432. <https://doi.org/10.1109/ITCA52113.2020.00096>

Hendrawan, I. G., Pamungkas, P. B. P., Adibhusana, M. N., Maharta, I. P. R. F., Saraswati, N. L. G. R. A., Wilcox, C., & Hardesty, B. D. (2023). Characteristics and distribution of stranded plastic pollution in Bali conservation areas. *Marine Pollution Bulletin*, 197(August). <https://doi.org/10.1016/j.marpolbul.2023.115770>

Hong, C. Y., Lin, C. Y., & Shih, T. K. (2019). Automatic signboard detection and semi-automatic ground truth generation. *Proceedings - 2019 12th International Conference on Ubi-Media Computing, Ubi-Media 2019*, 256–261. <https://doi.org/10.1109/Ubi-Media.2019.00057>

Hosang, J., Benenson, R., & Schiele, B. (2017). Learning non-maximum suppression. *Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017, 2017-Janua*, 6469–6477. <https://doi.org/10.1109/CVPR.2017.685>

Hossain, M. Y., Nijhum, I. R., Sadi, A. A., Shad, M. T. M., & Rahman, R. M. (2021). Visual Pollution Detection Using Google Street View and YOLO. *2021 IEEE 12th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2021*, 433–440. <https://doi.org/10.1109/UEMCON53757.2021.9666654>

Hossain, M. Y., Nijhum, I. R., Shad, M. T. M., Sadi, A. A., Peyal, M. M. K., &

- Rahman, R. M. (2023). An end-to-end pollution analysis and detection system using artificial intelligence and object detection algorithms. *Decision Analytics Journal*, 8(April). <https://doi.org/10.1016/j.dajour.2023.100283>
- Hussain, M. (2024). YOLOv1 to v8: Unveiling Each Variant — A Comprehensive Review of YOLO. *IEEE Access*, 12(March). <https://doi.org/10.1109/ACCESS.2024.3378568>
- Iveson, K. (2012). Branded cities: Outdoor advertising, urban governance, and the outdoor media landscape. *Antipode*, 44(1), 151–174. <https://doi.org/10.1111/j.1467-8330.2011.00849.x>
- Jana, K. M., & De, T. (2015). Visual Pollution Can Have a Deep Degrading Effect on Urban and Sub-Urban Community: a Study in Few Places of Bengal, India, With Special Reference To Unorganized Billboards. *European Scientific Journal*, 7881(June), 1857–7881.
- Krizhevsky, A., Sutskever, I., & Hinton, G. E. (2017). ImageNet classification with deep convolutional neural networks. *Communications of the ACM*, 60(6), 84–90. <https://doi.org/10.1145/3065386>
- Madlenak, R., Berthoty, M., Chinoracky, R., & Stalmasekova, N. (2023). Outdoor advertising and visual pollution on selected roads in the city of Žilina. *Transportation Research Procedia*, 74, 101–108. <https://doi.org/10.1016/j.trpro.2023.11.118>
- Madleňák, R., & Hudák, M. (2016). *The Research of Visual Pollution of Road Infrastructure in Slovakia BT - Challenge of Transport Telematics* (J. Mikulski (ed.); pp. 415–425). Springer International Publishing.
- Malik, N., Asmi, F., Ali, M., & Rahman, M. M. (2017). Major Factors Leading Rapid Urbanization in China and Pakistan: A Comparative Study. *Journal of Social Science Studies*, 5(1), 148. <https://doi.org/10.5296/jsss.v5i1.11710>
- Marasinghe, R., Yigitcanlar, T., Mayere, S., Washington, T., & Limb, M. (2024). Computer vision applications for urban planning: A systematic review of

- opportunities and constraints. *Sustainable Cities and Society*, 100(August 2023). <https://doi.org/10.1016/j.scs.2023.105047>
- Masita, K. L., Hasan, A. N., & Shongwe, T. (2020). Deep learning in object detection: A review. *2020 International Conference on Artificial Intelligence, Big Data, Computing and Data Communication Systems, IcABCD 2020 - Proceedings*. <https://doi.org/10.1109/icABCD49160.2020.9183866>
- Masoumian, A., Marei, D. G. F., Abdulwahab, S., Cristiano, J., Puig, D., & Rashwan, H. A. (2021). Absolute Distance Prediction Based on Deep Learning Object Detection and Monocular Depth Estimation Models. *Frontiers in Artificial Intelligence and Applications*, 339, 325–334. <https://doi.org/10.3233/FAIA210151>
- Nami, P., Jahanbakhsh, P., & Fathalipour, A. (2016). The Role and Heterogeneity of Visual Pollution on the Quality of Urban Landscape Using GIS; Case Study: Historical Garden in City of Maraqeh. *Open Journal of Geology*, 06(01), 20–29. <https://doi.org/10.4236/ojg.2016.61003>
- O'Mahony, N., Campbell, S., Carvalho, A., Harapanahalli, S., Hernandez, G. V., Krpalkova, L., Riordan, D., & Walsh, J. (2020). Deep Learning vs. Traditional Computer Vision. *Advances in Intelligent Systems and Computing*, 943(Cv), 128–144. https://doi.org/10.1007/978-3-030-17795-9_10
- Pham, M. T., Courtrai, L., Friguet, C., Lefèvre, S., & Baussard, A. (2020). YOLO-fine: One-stage detector of small objects under various backgrounds in remote sensing images. *Remote Sensing*, 12(15), 1–26. <https://doi.org/10.3390/RS12152501>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2016). You only look once: Unified, real-time object detection. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2016-Decem*, 779–788. <https://doi.org/10.1109/CVPR.2016.91>
- Utama, A., & Sara, F. (2019). *Analisis Degradasi Lingkungan Akibat Polusi Visual*

di Wilayah Urban Yogyakarta Melalui Kerangka DPSIR.

- Vakratsas, D., & Ambler, T. (1999). How Advertising Works: What Do We Really Know? *Journal of Marketing*, 63(1), 26–43. <https://doi.org/10.1177/002224299906300103>
- Viola, P., & Jones, M. (2001). Rapid object detection using a boosted cascade of simple features. *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 1. <https://doi.org/10.1109/cvpr.2001.990517>
- Wiley, V., & Lucas, T. (2018). Computer Vision and Image Processing: A Paper Review. *International Journal of Artificial Intelligence Research*, 2(1), 22. <https://doi.org/10.29099/ijair.v2i1.42>
- Wu, X., Sahoo, D., & Hoi, S. C. H. (2020). Recent advances in deep learning for object detection. *Neurocomputing*, 396, 39–64. <https://doi.org/10.1016/j.neucom.2020.01.085>
- Ye, N., Wang, B., Kita, M., Xie, M., Cai, W., & Kita, M. (2019). Urban Commerce Distribution Analysis Based on Street View and Deep Learning. *IEEE Access*, 7, 162841–162849. <https://doi.org/10.1109/ACCESS.2019.2951294>
- Yilmaz, D., & Sağsöz, A. (2011). In the context of visual pollution: Effects to trabzon city center silhoutte. *Asian Social Science*, 7(5), 98–109. <https://doi.org/10.5539/ass.v7n5p98>
- Zamiri, M. (2016). The role of urban advertising in quality of urban land scape. *Current World Environment*, 11(Special Issue 1(2016)), 14–20. <https://doi.org/10.12944/cwe.11.special-issue1.03>
- Zayniddinov, K., Rakhimov, B., Khalikova, G., & Saidov, A. (2023). Review and analysis of computer vision algorithms. *AIP Conference Proceedings*, 2789(05), 245–250. <https://doi.org/10.1063/5.0149620>
- Zhao, R., Tang, S. H., Supeni, E. E. Bin, Rahim, S. B. A., & Fan, L. (2024). A

Review of Object Detection in Traffic Scenes Based on Deep Learning. In *Applied Mathematics and Nonlinear Sciences* (Vol. 9, Issue 1). <https://doi.org/10.2478/amns-2024-0322>

Zou, Z., Chen, K., Shi, Z., Guo, Y., & Ye, J. (2023). Object Detection in 20 Years: A Survey. *Proceedings of the IEEE*, 111(3), 257–276. <https://doi.org/10.1109/JPROC.2023.3238524>