



## DAFTAR PUSTAKA

- [1] Y. Sinha, B. Hadassa, G. Krishna, and C. V. Ravi Kumar, “Traffic sign recognition using convolutional neural networks,” *Int. J. Electr. Eng. Technol.*, vol. 11, no. 3, pp. 210–217, 2020, doi: 10.14710/jtsiskom.2021.13959.
- [2] A. D. Ramadhani, K. N., Mubarok, M. S., & Palit, “Deteksi Dan Rekognisi rambu-Rambu Lalu Lintas Dengan Menggunakan metode support Vector Machine,” pp. 1–11, 2017.
- [3] S. Saleh, S. A. Khwandah, A. Mumtaz, A. Heller, and W. Hardt, “Traffic signs recognition and distance estimation using a monocular camera,” *CEUR Workshop Proc.*, vol. 2514, no. November, pp. 407–418, 2019.
- [4] I. Taufiq, “Deep Learning Untuk Deteksi Tanda Nomor Kendaraan Bermotor Menggunakan Algoritma Convolutional Neural Network Dengan Python,” 2018.
- [5] E. Tanuwijaya and C. Faticah, “Penandaan Otomatis Tempat Parkir Menggunakan YOLO Untuk Mendekripsi Ketersediaan Tempat Parkir Mobil Pada Video CCTV,” *Briliant J. Ris. dan Konseptual*, vol. 5, no. 1, p. 189, 2020, doi: 10.28926/briliant.v5i1.434.
- [6] R. Nagpal, C. K. Paturu, V. Ragavan, R. R. Navinprashath, R. Bhat, and D. Ghosh, “Real-time traffic sign recognition using deep network for embedded platforms,” *IS T Int. Symp. Electron. Imaging Sci. Technol.*, vol. 2019, no. 15, 2019, doi: 10.2352/ISSN.2470-1173.2019.15.AVM-033.
- [7] V. N. Sichkar and S. A. Kolyubin, “Real time detection and classification of traffic signs based on YOLO Version 3 algorithm,” *Sci. Tech. J. Inf. Technol. Mech. Opt.*, vol. 20, no. 3, pp. 418–424, 2020, doi: 10.17586/2226-1494-2020-20-3-418-424.
- [8] A. Ćorović, V. Ilić, S. Đurić, M. Marijan, and B. Pavković, “The Real-Time Detection of Traffic Participants Using YOLO Algorithm,” in *2018 26th*



- Telecommunications Forum (TELFOR)*, 2018, pp. 1–4, doi: 10.1109/TELFOR.2018.8611986.
- [9] A. M. Aditya and S. Moharir, “Study of Traffic Sign Detection and Recognition Algorithms,” *Int. J. Sci. Res.*, vol. 5, no. 5, pp. 2118–2121, 2016, doi: 10.21275/v5i5.nov163967.
  - [10] A. Budiarti, “Bab 2 landasan teori,” *Apl. dan Anal. Lit. Fasilkom UI*, pp. 4–25, 2006.
  - [11] MathWorks, “Introducing Deep learning with MATLAB.” [https://r.search.yahoo.com/\\_ylt=Awr9Dt68Zb9heDUADhxXNyoA;\\_ylu=Y29sbwNncTEEcG9zAzEEdnRpZAMEc2VjA3Ny/RV=2/RE=1639962172/RO=10/RU=http%3A%2F%2Fwww.irishsecure.com%2Fbooks%2FDeep\\_Learning\\_ebook.pdf/RK=2/RS=cEzyc6srQOI3VFaKlxMTGZvM7b0-](https://r.search.yahoo.com/_ylt=Awr9Dt68Zb9heDUADhxXNyoA;_ylu=Y29sbwNncTEEcG9zAzEEdnRpZAMEc2VjA3Ny/RV=2/RE=1639962172/RO=10/RU=http%3A%2F%2Fwww.irishsecure.com%2Fbooks%2FDeep_Learning_ebook.pdf/RK=2/RS=cEzyc6srQOI3VFaKlxMTGZvM7b0-) (accessed Oct. 13, 2021).
  - [12] S.-C. Hsu, C.-L. Huang, and C.-H. Chuang, “Vehicle detection using simplified fast R-CNN,” in *2018 International Workshop on Advanced Image Technology (IWAIT)*, 2018, pp. 1–3, doi: 10.1109/IWAIT.2018.8369767.
  - [13] MathWorks, “What is a Convolutional Neural Network?” <https://goo.gl/zondfq> (accessed Oct. 10, 2021).
  - [14] S. Saha, “A Comprehensive Guide to Convolutional Neural Networks,” 2018. <https://towardsdatascience.com/a-comprehensive-guide-to-convolutional-neural-networks-the-eli5-way-3bd2b1164a53> (accessed Oct. 10, 2021).
  - [15] V. Wiley and T. Lucas, “Computer Vision and Image Processing: A Paper Review,” *Int. J. Artif. Intell. Res.*, vol. 2, p. 22, Feb. 2018, doi: 10.29099/ijair.v2i1.42.
  - [16] F. Jalled and I. Voronkov, “Object Detection using Image Processing,” pp. 1–6, 2016, [Online]. Available: <http://arxiv.org/abs/1611.07791>.



- [17] J. Heaton, “Ian Goodfellow, Yoshua Bengio, and Aaron Courville: Deep learning,” *Genet. Program. Evolvable Mach.*, vol. 19, no. 1–2, pp. 305–307, 2018, doi: 10.1007/s10710-017-9314-z.
- [18] C. M. Bishop and Pattern, *Pattern Recognition and Machine Learning*, vol. 2021-May. 2006.
- [19] Y. B. B. T, “Deep Learning of Representations for Unsupervised and Transfer Learning,” vol. 27. PMLR, pp. 17–36, [Online]. Available: <http://proceedings.mlr.press/v27/bengio12a/bengio12a.pdf>.
- [20] R. Girshick, “Fast R-CNN,” in *2015 IEEE International Conference on Computer Vision (ICCV)*, 2015, pp. 1440–1448, doi: 10.1109/ICCV.2015.169.
- [21] D. Walther, L. Itti, M. Riesenhuber, T. Poggio, and C. Koch, “Attentional Selection for Object Recognition — A Gentle Way BT - Biologically Motivated Computer Vision,” 2002, pp. 472–479.
- [22] J. R. R. Uijlings, K. E. A. Van De Sande, T. Gevers, and A. W. M. Smeulders, “Selective search for object recognition,” *Int. J. Comput. Vis.*, vol. 104, no. 2, pp. 154–171, 2013, doi: 10.1007/s11263-013-0620-5.
- [23] M. Ilyas, “Deteksi Pelanggaran Berkendara Dengan Metode Yolo (You Only Look Once),” Universitas Komputer Indonesia, 2020.
- [24] R. H. Pramesty, “Deteksi dan klasifikasi kerusakan jalan aspal menggunakan metode yolo berbasis citra digital,” *Inst. Teknologi Sepuluh Nop.*, p. 91, 2018, [Online]. Available: [http://repository.its.ac.id/59044/1/06111650010019-Master\\_Thesis.pdf](http://repository.its.ac.id/59044/1/06111650010019-Master_Thesis.pdf).
- [25] C. L. Zitnick and P. Dollár, “Edge boxes: Locating object proposals from edges,” *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 8693 LNCS, no. PART 5, pp. 391–405, 2014, doi: 10.1007/978-3-319-10602-1\_26.



- [26] M. S. Hidayatulloh, “Sistem Pengenalan Wajah Menggunakan Metode Yolo ( You Only Look Once ),” pp. i–43, 2021.
- [27] A. Karpathy, “Convolutional Neural Networks for Visual Recognition.” <http://cs231n.github.io/> (accessed Nov. 11, 2021).
- [28] J. Redmon, S. Divvala, R. Girshick, and A. Farhadi, “You Only Look Once: Unified, Real-Time Object Detection,” in *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2016, pp. 779–788, doi: 10.1109/CVPR.2016.91.
- [29] B. M. Randles, I. V Pasquetto, M. S. Golshan, and C. L. Borgman, “Using the Jupyter Notebook as a Tool for Open Science: An Empirical Study,” in *2017 ACM/IEEE Joint Conference on Digital Libraries (JCDL)*, 2017, pp. 1–2, doi: 10.1109/JCDL.2017.7991618.
- [30] Google, “Colaboratory Frequently Asked Questions.” <a href="https://research.google.com/colaboratory/faq.html#:~:text= Frequently Asked Questions The Basics What is Colaboratory%3F,suited to machine learning%2C data analysis and education. (accessed Nov. 13, 2021).</a>
- [31] T. Carneiro, R. V. M. Da Nobrega, T. Nepomuceno, G. Bin Bian, V. H. C. De Albuquerque, and P. P. R. Filho, “Performance Analysis of Google Colaboratory as a Tool for Accelerating Deep Learning Applications,” *IEEE Access*, vol. 6, pp. 61677–61685, 2018, doi: 10.1109/ACCESS.2018.2874767.