

## DAFTAR PUSTAKA

- Baharani, M., Mohan, S. & Tabkhi, H., 2019, Real-time person re-identification at the edge: a mixed precision approach, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 11663 LNCS, Iciar, 27–39.
- Bochkovski, A., Wang, C.-Y. & Liao, H.-Y.M., 2020, YOLOv4: Optimal Speed and Accuracy of Object Detection, <http://arxiv.org/abs/2004.10934>,.
- Computervisionlinke, 2022, A detailed explanation of the basic network structure of Yolov7 of the Yolo series, <https://juejin.cn/post/7122119467400134664>, diakses 28 September 2022.
- Gonzalez, R.C. & Woods, R.E., 2001, *Digital Image Processing 2nd Edition*,
- Gopal, R., Kuinthodu, S., Balamurugan, M. & Atique, M., 2019, Tiny object detection: Comparative study using single stage CNN object detectors, *2019 5th IEEE International WIE Conference on Electrical and Computer Engineering, WIECON-ECE 2019 - Proceedings*, 18–20.
- Gray, D., Brennan, S. & Tao, H., 2007, Evaluating appearance models for recognition, reacquisition, and tracking, *10th International Workshop on Performance Evaluation for Tracking and Surveillance (PETS)*, 3, January 2007, 41–47.
- Han, K., Wan, W., Chen, G. & Hou, L., 2016, Person re-identification using multiple features fusion, In, *2016 International Conference on Audio, Language and Image Processing (ICALIP)*, IEEE, pp. 409–413., <http://ieeexplore.ieee.org/document/7846660/>,.
- Handa, A., Newcombe, R.A., Angeli, A. & Davison, A.J., 2012, Real-Time Camera Tracking: When is High Frame-Rate Best?, In, pp. 222–235., [http://link.springer.com/10.1007/978-3-642-33786-4\\_17](http://link.springer.com/10.1007/978-3-642-33786-4_17),.
- Huang, X., Wang, X., Lv, W., Bai, X., Long, X., Deng, K., Dang, Q., Han, S., Liu, Q., Hu, X., Yu, D., Ma, Y. & Yoshie, O., 2021, PP-YOLOv2: A Practical Object Detector, , 1–7. <http://arxiv.org/abs/2104.10419>,.
- Iyer, R., Shashikant Ringe, P., Varadharajan Iyer, R. & Prabhulal Bhensdadiya, K.,

- 2021, Comparison of YOLOv3, YOLOv5s and MobileNet-SSD V2 for Real-Time Mask Detection, *Article in International Journal of Research in Engineering and Technology*, 8, July, 1156–1160. <https://www.researchgate.net/publication/353211011>,.
- Janzen, B.F. & Teather, R.J., 2014, Is 60 FPS better than 30?, In, *CHI '14 Extended Abstracts on Human Factors in Computing Systems*, ACM, New York, NY, USA, pp. 1477–1482., <https://dl.acm.org/doi/10.1145/2559206.2581214>,.
- Jkjung-avt, 2021, YOLOv4 CrowdHuman Tutorial, [https://github.com/jkjung-avt/yolov4\\_crowdhuman](https://github.com/jkjung-avt/yolov4_crowdhuman),.
- Khandelwal, R., 2022, An Introduction to Object Tracking, <https://arshren.medium.com/an-introduction-to-object-tracking-9fd6249a76b6>, diakses 15 September 2022.
- Kumar, V. & Nagabhushan, P., 2019, Monitoring of People Entering and Exiting Private Areas using Computer Vision, *International Journal of Computer Applications*, 177, 15, 1–5.
- Liu, L., Jiang, H., He, P., Chen, W., Liu, X., Gao, J. & Han, J., 2020, on the Variance of the Adaptive Learning Rate and Beyond, *8th International Conference on Learning Representations, ICLR 2020*, 1–14.
- Long, X., Deng, K., Wang, G., Zhang, Y., Dang, Q., Gao, Y., Shen, H., Ren, J., Han, S., Ding, E. & Wen, S., 2020, PP-YOLO: An Effective and Efficient Implementation of Object Detector, <http://arxiv.org/abs/2007.12099>,.
- Luo, W., Xing, J., Milan, A., Zhang, X., Liu, W. & Kim, T.K., 2021, Multiple object tracking: A literature review, *Artificial Intelligence*, 293, 1–49.
- Mitre, C.A., Constantin, M.G., Ștefan, L.D., Ghenescu, M. & Ionescu, B., 2018, Little-Big Deep Neural Networks for Embedded Video Surveillance, *2018 12th International Conference on Communications, COMM 2018 - Proceedings*, 493–496.
- Nvidia, 2023, Nvidia Pytorch Docker Image, <https://catalog.ngc.nvidia.com/orgs/nvidia/containers/l4t-pytorch>,.
- Padilla, R., Netto, S.L. & Da Silva, E.A.B., 2020, A Survey on Performance Metrics for Object-Detection Algorithms, *International Conference on Systems*,

*Signals, and Image Processing*, 2020-July, 237–242.

Redmon, J. & Farhadi, A., 2016, YOLO9000: Better, Faster, Stronger, *2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2017-Janua, 6517–6525. <http://ieeexplore.ieee.org/document/8100173/>.,

Redmon, J. & Farhadi, A., 2018, YOLOv3: An Incremental Improvement, <http://arxiv.org/abs/1804.02767>.,

Redmon, J., Divvala, S., Girshick, R. & Farhadi, A., 2016a, You only look once: Unified, real-time object detection, In, *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, IEEE, pp. 779–788.,

Redmon, J., Divvala, S., Girshick, R. & Farhadi, A., 2016b, You Only Look Once: Unified, Real-Time Object Detection, In, *2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, IEEE, pp. 779–788., <http://arxiv.org/abs/2105.04206>.,

S, H., 2019, Activation Functions: Sigmoid, tanh, ReLU, Leaky ReLU, PReLU, ELU, Treshold ReLU, and Softmax basics for Neural Networks and Deep Learning, <https://himanshuxd.medium.com/activation-functions-sigmoid-relu-leaky-relu-and-softmax-basics-for-neural-networks-and-deep-8d9c70eed91e>, diakses 21 September 2022.

Saha, S., 2018, A Comprehensive Guide to Convolutional Neural Networks-the ELI5 way, <https://towardsdatascience.com/a-comprehensive-guide-to-convolutional-neural-networks-the-eli5-way-3bd2b1164a53>, diakses 19 September 2022.

Sammut, C. & Webb, G.I. eds., 2010, *Encyclopedia of Machine Learning*, Springer US, Boston, MA. <http://link.springer.com/10.1007/978-0-387-30164-8>.,

Shao, S., Zhao, Z., Li, B., Xiao, T., Yu, G., Zhang, X. & Sun, J., 2018, CrowdHuman: A Benchmark for Detecting Human in a Crowd, , 1–9. <http://arxiv.org/abs/1805.00123>.,

Sreenu, G. & Saleem Durai, M.A., 2019, Intelligent video surveillance: a review through deep learning techniques for crowd analysis, *Journal of Big Data*, 6, 1, 1–27. <https://doi.org/10.1186/s40537-019-0212-5>.,

- Wang, C.-Y., Bochkovskiy, A. & Liao, H.-Y.M., 2020, Scaled-YOLOv4: Scaling Cross Stage Partial Network, *Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition*, 13024–13033. <http://arxiv.org/abs/2011.08036>,.
- Wang, C., Bochkovskiy, A. & Liao, H.M., 2023, YOLOv7: Trainable Bag-of-Freebies Sets New State-of-the-Art for Real-Time Object Detectors, In, *2023 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, IEEE, Vancouver, BC, Canada, pp. 7464–7475., <http://arxiv.org/abs/2207.02696>,.
- Wang, G., Yuan, Y., Chen, X., Li, J. & Zhou, X., 2018, Learning discriminative features with multiple granularities for person re-identification, *MM 2018 - Proceedings of the 2018 ACM Multimedia Conference*, 274–282.
- Wojke, N., Bewley, A. & Paulus, D., 2018, Simple online and realtime tracking with a deep association metric, *Proceedings - International Conference on Image Processing, ICIP, 2017-Septe*, 3645–3649.
- Zhang, Y., Sun, P., Jiang, Y., Yu, D., Weng, F., Yuan, Z., Luo, P., Liu, W. & Wang, X., 2022, ByteTrack: Multi-object Tracking by Associating Every Detection Box, In, *Avidan, S., Brostow, G., Cissé, M., Farinella, G.M., Hassner, T. (eds) Computer Vision – ECCV 2022. ECCV 2022. Lecture Notes in Computer Science, vol 13682*, Springer Science and Business Media Deutschland GmbH, pp. 1–21., [https://link.springer.com/10.1007/978-3-031-20047-2\\_1](https://link.springer.com/10.1007/978-3-031-20047-2_1),.
- Zhou, K., Yang, Y., Cavallaro, A. & Xiang, T., 2019, Omni-scale feature learning for person re-identification, *Proceedings of the IEEE International Conference on Computer Vision*, 2019-Octob, 3701–3711.
- Zhou, K. & Xiang, T., 2019, Torchreid: A Library for Deep Learning Person Re-Identification in Pytorch, <http://arxiv.org/abs/1910.10093>,.