

DAFTAR PUSTAKA

- Abdullah, F. N., Aziz, G. A., & Shneen, S. W. (2022). Simulation Model of Servo Motor by Using Matlab. *Journal of Robotics and Control (JRC)*, 3(2), 176–179. <https://doi.org/10.18196/jrc.v3i2.13959>
- Alkanat, O. (2008). *Determining the Surface-to-Air Missile Requirement for Western and Southern Part of the Turkish Air Defense System and Southern Part of the Turkish Air Defense System*. <https://scholar.afit.edu/etd/2806>
- Apostolopoulos, S. (2022). *Internet of (Military) Things - Smart Warrior*. <http://hdl.handle.net/11544/29945>
- Armash Aslam, F., Nabeel Mohammed Jummal Musab Mohd Munir Murade Aaraf Gulamgaus, H., & Lokhande Assistant Professor, P. S. (2017). Efficient Way Of Web Development Using Python And Flask. In *International Journal of Advanced Research in Computer Science* (Vol. 6, Issue 2). www.ijarcs.info
- Bing, L., Gu, Y., Hu, L., Bowen, L., Lihua, Y., Wang, J., & Yin, Y. (2023). Ultra reliability and massive connectivity provision in integrated internet of military things (IoMT) based on tactical datalink. *Defence Technology*. <https://doi.org/10.1016/j.dt.2023.09.016>
- Dhillon, A., & Verma, G. K. (2020). Convolutional neural network: a review of models, methodologies and applications to object detection. *Progress in Artificial Intelligence*, 9(2), 85–112. <https://doi.org/10.1007/s13748-019-00203-0>
- Edriati, S., Husnita, L., Amri, E., Samudra, A. A., & Kamil, N. (2021). Penggunaan Mit App Inventor untuk Merancang Aplikasi Pembelajaran Berbasis Android. *E-Dimas: Jurnal Pengabdian Kepada Masyarakat*, 12(4), 652–657. <https://doi.org/10.26877/e-dimas.v12i4.6648>
- Fahriannur, A., & Siswanto, M. (2017). *Sistem Tracking Obyek Berbasis Algoritma Optical Flow Menggunakan Kamera Pan-Tilt*.
- Gao, K., Xiao, H., Qu, L., & Wang, S. (2022). Optimal interception strategy of air defence missile system considering multiple targets and phases. *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*, 236(1), 138–147. <https://doi.org/10.1177/1748006X211022111>

- Girsang, N. D. (2021). Literature Study of Convolutional Neural Network Algorithm for Batik Classification. *Brilliance: Research of Artificial Intelligence*, 1(1), 1–7. <https://doi.org/10.47709/brilliance.v1i1.1069>
- Girshick, R., Donahue, J., Darrell, T., & Malik, J. (2013). *Rich feature hierarchies for accurate object detection and semantic segmentation*.
- Hussain, M. (2023). YOLO-v1 to YOLO-v8, the Rise of YOLO and Its Complementary Nature toward Digital Manufacturing and Industrial Defect Detection. In *Machines* (Vol. 11, Issue 7). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/machines11070677>
- Immooev, I. I., & Fedotov, P. G. S. D. V. (n.d.). Ultra wideband radar systems: advantages and disadvantages. *2002 IEEE Conference on Ultra Wideband Systems and Technologies (IEEE Cat. No.02EX580)*, 201–205. <https://doi.org/10.1109/UWBST.2002.1006348>
- Ismailov, A., & Jo`rayev, Z. (2022). *Study of arduino microcontroller board*.
- Johnsen, F. T., Zieliński, Z., Wrona, K., Suri, N., Fuchs, C., Pradhan, M., Furtak, J., Vasilache, B., Pellegrini, V., Dyk, M., Marks, M., & Krzysztoń, M. (2018). Application of IoT in military operations in a smart city. *2018 International Conference on Military Communications and Information Systems (ICMCIS)*, 1–8. <https://doi.org/10.1109/ICMCIS.2018.8398690>
- Khan, F. R., Muhabullah, Md., Islam, R., Monirujjaman Khan, M., Masud, M., Aljahdali, S., Kaur, A., & Singh, P. (2021a). A Cost-Efficient Autonomous Air Defense System for National Security. *Security and Communication Networks*, 2021, 1–10. <https://doi.org/10.1155/2021/9984453>
- Khan, F. R., Muhabullah, Md., Islam, R., Monirujjaman Khan, M., Masud, M., Aljahdali, S., Kaur, A., & Singh, P. (2021b). A Cost-Efficient Autonomous Air Defense System for National Security. *Security and Communication Networks*, 2021, 1–10. <https://doi.org/10.1155/2021/9984453>
- Krizhevsky, A., Sutskever, I., & Hinton, G. (2012). ImageNet Classification with Deep Convolutional Neural Networks. *Neural Information Processing Systems*, 25. <https://doi.org/10.1145/3065386>
- Li, Q., Ranyang, L., Ji, K., & Dai, W. (2015). *Kalman Filter and Its Application*. <https://doi.org/10.1109/ICINIS.2015.35>

- Liu, Q., Xiang, X., Wang, Y., Luo, Z., & Fang, F. (2020). Aircraft detection in remote sensing image based on corner clustering and deep learning. *Engineering Applications of Artificial Intelligence*, 87, 103333. <https://doi.org/10.1016/j.engappai.2019.103333>
- Liu, W., Anguelov, D., Erhan, D., Szegedy, C., Reed, S., Fu, C.-Y., & Berg, A. C. (2016). SSD: Single Shot MultiBox Detector. In B. Leibe, J. Matas, N. Sebe, & M. Welling (Eds.), *Computer Vision – ECCV 2016* (pp. 21–37). Springer International Publishing.
- Liu, W., Wang, Z., Liu, X., Zeng, N., Liu, Y., & Alsaadi, F. (2016). A survey of deep neural network architectures and their applications. *Neurocomputing*, 234. <https://doi.org/10.1016/j.neucom.2016.12.038>
- Redmon, J., Divvala, S., Girshick, R., & Farhadi, A. (2015). *You Only Look Once: Unified, Real-Time Object Detection*.
- Redmon, J., & Farhadi, A. (2018). YOLOv3: An Incremental Improvement. *ArXiv*, [abs/1804.02767](https://arxiv.org/abs/1804.02767). <https://api.semanticscholar.org/CorpusID:4714433>
- Reis, D., Kupec, J., Hong, J., & Daoudi, A. (2023). *Real-Time Flying Object Detection with YOLOv8*. <http://arxiv.org/abs/2305.09972>
- Sary, I. P., Andromeda, S., & Armin, E. U. (2023). Performance Comparison of YOLOv5 and YOLOv8 Architectures in Human Detection using Aerial Images. *Ultima Computing: Jurnal Sistem Komputer*, 8–13. <https://doi.org/10.31937/sk.v15i1.3204>
- Sunardi Sunardi, Agung Mulyo Widodo, Karisma Trinanda Putra, Cahya Darmarjati, & Prayitno Prayitno. (2022). Design of IoT-Based Control System Using Fuzzy Inference System. *Jurnal Polimesin*, 20(2).
- Talib, M., Al-Noori, A. H. Y., & Suad, J. (2024). YOLOv8-CAB: Improved YOLOv8 for Real-time object detection. *Karbala International Journal of Modern Science*, 10(1). <https://doi.org/10.33640/2405-609X.3339>
- Vu, V. Q., Tran, M.-Q., Amer, M., Khatiwada, M., Ghoneim, S. S. M., & Elsis, M. (2023). A Practical Hybrid IoT Architecture with Deep Learning Technique for Healthcare and Security Applications. *Information*, 14(7), 379. <https://doi.org/10.3390/info14070379>
- 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>
- Xing, X., Yongjie, Y., & Huang, X. (2021). Real-Time Object Tracking Based on Optical Flow. *2021 International Conference on Computer*,

Control and Robotics (ICCCR), 315–318.
<https://doi.org/10.1109/ICCCR49711.2021.9349376>

- Yulendra, R. D., Indrawati, E. M., Maulidina, M., & Suwardono, A. (2023). Rancang Bangun Alat Monitoring Notifikasi Pintu Rumah Menggunakan Bot Telegram Berbasis IoT. *G-Tech: Jurnal Teknologi Terapan*, 7(4), 1471–1478. <https://doi.org/10.33379/gtech.v7i4.3078>
- Yulianto, Y. (2023). Relay Driver Based on Arduino UNO to Bridge the Gap of The Digital Output Voltage of The Node MCU ESP32. *Engineering, MAtematics and Computer Science Journal (EMACS)*, 5(3), 129–135. <https://doi.org/10.21512/emacsjournal.v5i3.9697>
- Zhang, H., Hong, X., & Zhu, L. (2021). Detecting Small Objects in Thermal Images Using Single-Shot Detector. *Automatic Control and Computer Sciences*, 55, 202–211. <https://doi.org/10.3103/S0146411621020097>