

## DAFTAR PUSTAKA

- [1] V. K. G. A. K. A. P. B. S. V. SINGH, “Face recognition on uav: Ai drone,” *International Journal of Innovative Science and Research Technology*, vol. 7, 2022. [Online]. Available: <https://www.scribd.com/document/578871546/Face-Recognition-on-UAV-AI-Drone#>
- [2] S. S. Phatak, H. S. Patil, M. W. Arshad, B. Jitkar, S. Patil, and J. Patil, “Advanced face detection using machine learning and ai-based algorithm,” in *2022 5th International Conference on Contemporary Computing and Informatics (IC3I)*, 2022, pp. 1111–1116.
- [3] M. Dava Renaldi, M. Rausyan Fikri, and D. Wibowo Djamari, “Mini uav orientation control based on face tracking algorithm,” in *2021 IEEE 7th International Conference on Computing, Engineering and Design (ICCED)*, 2021, pp. 1–5.
- [4] M. Yağcı, K. A. Evran, H. İnsan, and E. Güzel, “Uav application with moving human face detection and tracking,” 2022.
- [5] W. Giernacki, J. Rao, S. Sladic, A. Bondyra, M. Retinger, and T. Espinoza-Fraire, “Dji tello quadrotor as a platform for research and education in mobile robotics and control engineering,” in *2022 International Conference on Unmanned Aircraft Systems (ICUAS)*, 2022, pp. 735–744.
- [6] K. G. Shanthi, S. Sesha Vidhya, K. Vishakha, S. Subiksha, K. K. Srija, and R. Srinee Mamtha, “Haar cascade face detection and local binary pattern histogram face recognition based drone,” in *2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS)*, vol. 1, 2022, pp. 295–298.
- [7] M. Geetha, R. Latha, S. Nivetha, S. Hariprasath, S. Gowtham, and C. Deepak, “Design of face detection and recognition system to monitor students during online examinations using machine learning algorithms,” in *2021 International Conference on Computer Communication and Informatics (ICCCI)*, 2021, pp. 1–4.
- [8] K. Sohn, “Improved deep metric learning with multi-class n-pair loss objective,” in *NIPS*, 2016.
- [9] S. Al-Aidid and D. Pamungkas, “Sistem pengenalan wajah dengan algoritma haar cascade dan local binary pattern histogram,” *Jurnal Rekayasa Elektrika*, vol. 14, no. 1, pp. 62–67, 2018.

- [10] P. S. Apoorva, H. C. Impana, S. Siri, M. Varshitha., and B. Ramesh, “Automated criminal identification by face recognition using open computer vision classifiers,” *2019 3rd International Conference on Computing Methodologies and Communication (ICCMC)*, pp. 775–778, 2019.
- [11] F. Deebea, H. Memon, F. A. Dharejo, A. Ahmed, and A. Ghaffar, “Lbph-based enhanced real-time face recognition,” *International Journal of Advanced Computer Science and Applications*, vol. 10, no. 5, 2019. [Online]. Available: <http://dx.doi.org/10.14569/IJACSA.2019.0100535>
- [12] B. Hu, H. Tian, J. Qian, G. Xie, L. Mo, and S. Zhang, “A fuzzy-pid method to improve the depth control of auv,” in *2013 IEEE International Conference on Mechatronics and Automation*, 2013, pp. 1528–1533.
- [13] S. Jie, L. Zhengwei, and M. Xiaojiang, “The application of fuzzy-pid control in heating furnace control,” in *2009 International Conference on E-Learning, E-Business, Enterprise Information Systems, and E-Government*, 2009, pp. 237–240.
- [14] J. M. Maciejowski, “Predictive control : with constraints,” 2002.
- [15] L. Hewing, K. P. Wabersich, M. Menner, and M. N. Zeilinger, “Learning-based model predictive control: Toward safe learning in control,” *Annu. Rev. Control. Robotics Auton. Syst.*, vol. 3, pp. 269–296, 2020.
- [16] N. Yao, E. Anaya, Q. Tao, S. Cho, H. Zheng, and F. Zhang, “Monocular vision-based human following on miniature robotic blimp,” in *2017 IEEE International Conference on Robotics and Automation (ICRA)*, 2017, pp. 3244–3249.
- [17] Y. Alrubyli and A. Bonarini, “Using q-learning to automatically tune quadcopter pid controller online for fast altitude stabilization,” in *2022 IEEE International Conference on Mechatronics and Automation (ICMA)*, 2022, pp. 514–519.
- [18] M. E. Castro Fúnez, A. F. Báez Aponte, S. P. Triana, L. C. Rodriguez Barrios, D. V. Muñoz, and P. A. Mozuca Tamayo, “A pid-controlled quadcopter system: The effect of parameters selection,” in *2020 IX International Congress of Mechatronics Engineering and Automation (CIIMA)*, 2020, pp. 1–6.
- [19] E. A. Paiva, J. C. Soto, J. A. Salinas, and W. Ipanaqué, “Modeling and pid cascade control of a quadcopter for trajectory tracking,” in *2015 CHILEAN Conference on Electrical, Electronics Engineering, Information and Communication Technologies (CHILECON)*, 2015, pp. 809–815.

- [20] S. Bari, S. S. Zehra Hamdani, H. U. Khan, M. u. Rehman, and H. Khan, “Artificial neural network based self-tuned pid controller for flight control of quadcopter,” in *2019 International Conference on Engineering and Emerging Technologies (ICEET)*, 2019, pp. 1–5.
- [21] K. C. U. Obias, M. F. Q. Say, E. A. V. Fernandez, A. Y. Chua, and E. Sybingco, “A study of the interaction of proportional-integral- derivative (pid) control in a quadcopter unmanned aerial vehicle (uav) using design of experiment,” in *2019 IEEE 11th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management ( HNICEM )*, 2019, pp. 1–4.
- [22] R. S. Gaurav Srivastava, “Facial recognition based workplace security system using lbph algorithm,” *International Journal of Innovative Science and Research Technology*, 2022.
- [23] N. Murmu and K. D. Sharma, “Trajectory tracking control for a nano quadcopter employing stochastically optimal pid control,” in *Michael Faraday IET International Summit 2020 (MFIIS 2020)*, vol. 2020, 2020, pp. 267–272.
- [24] B. Pareek, P. Gupta, G. Singal, and R. Kushwaha, “Person identification using autonomous drone through resource constraint devices,” in *2019 Sixth International Conference on Internet of Things: Systems, Management and Security (IOTSMS)*, 2019, pp. 124–129.
- [25] N. Bao, X. Ran, Z. Wu, Y. Xue, and K. Wang, “Research on attitude controller of quadcopter based on cascade pid control algorithm,” in *2017 IEEE 2nd Information Technology, Networking, Electronic and Automation Control Conference (ITNEC)*, 2017, pp. 1493–1497.
- [26] A. Saha, A. Kumar, and A. K. Sahu, “Face recognition drone,” in *2018 3rd International Conference for Convergence in Technology (I2CT)*, 2018, pp. 1–5.
- [27] S.-K. Kim and C. K. Ahn, “Auto-tuner-based controller for quadcopter attitude tracking applications,” *IEEE Transactions on Circuits and Systems II: Express Briefs*, vol. 66, no. 12, pp. 2012–2016, 2019.
- [28] M. Fatan, B. L. Sefidgari, and A. V. Barenji, “An adaptive neuro pid for controlling the altitude of quadcopter robot,” in *2013 18th International Conference on Methods and Models in Automation and Robotics (MMAR)*, 2013, pp. 662–665.

- [29] L. Baboulaz and P. L. Dragotti, "Local feature extraction for image super-resolution," in *2007 IEEE International Conference on Image Processing*, vol. 5, 2007, pp. V – 401–V – 404.
- [30] P. M. Jenifer, P. Mahasri, A. Omsai, B. I. Humaira, and R. Dhnaalakshmi, "Multiple face detection and attendance system using opencv," *2021 International Conference on Simulation, Automation & Smart Manufacturing (SASM)*, pp. 1–5, 2021.
- [31] R. Wulanningrum, A. N. Fadzila, and D. P. Pamungkas, "Proses ekstraksi dan klasifikasi citra emosi menggunakan metode pca dan cnn," *Joutica*, 2021.
- [32] H. Yuliansyah, R. S. Rinaldi, and S. Alex, "Perancangan aplikasi pengenalan wajah dengan metode principal component analysis (pca) pada pintu geser otomatis diajukan untuk memenuhi persyaratan dalam menyelesaikan pendidikan tingkat sarjana (s1)," 2013.
- [33] D. Marcelina and E. Yulianti, "Aplikasi pencarian rute terpendek lokasi kuliner khas palembang menggunakan algoritma euclidean distance dan a\*(star)," 2020.
- [34] P. H. Ifan, "Klasifikasi citra sidik jari berdasarkan enam tipe pattern menggunakan metode euclidean distance," 2015.
- [35] W. A. Nugroho, "Deteksi kerusakan jalur pcb menggunakan metode template matching," 2014.
- [36] M. J. Morbale, M. P. Naregalkar, A. Singh, P. Dwivedi, and R. Mathur, "Quadcopter drone with face recognition," *International Journal of Scientific Research in Engineering and Management (IJSREM)*, 2022.
- [37] G. Guo and N. Zhang, "What is the challenge for deep learning in unconstrained face recognition?" in *2018 13th IEEE International Conference on Automatic Face and Gesture Recognition (FG 2018)*, 2018, pp. 436–442.
- [38] S. Cherniy, A. Gudim, and A. Buzikayeva, "Fuzzy multi-cascade ac drive control system," in *2018 International Multi-Conference on Industrial Engineering and Modern Technologies (FarEastCon)*, 2018, pp. 1–4.
- [39] Y. Lu, "Adaptive-fuzzy control compensation design for direct adaptive fuzzy control," *IEEE Transactions on Fuzzy Systems*, vol. 26, no. 6, pp. 3222–3231, 2018.
- [40] H.-J. Kang, X.-J. Ma, Z.-Q. Sun, and Y.-Y. He, "Comments on "analysis and design of fuzzy controller and fuzzy observer" [with reply]," *IEEE Transactions on Fuzzy Systems*, vol. 7, no. 6, pp. 769–770, 1999.

- [41] W. Pebrianto, P. Mudjirahardjo, and S. H. Pramono, “Yolo method analysis and comparison for real-time human face detection,” *2022 11th Electrical Power, Electronics, Communications, Controls and Informatics Seminar (EECCIS)*, pp. 333–338, 2022.