

## DAFTAR PUSTAKA

- [1] Mustapa, Zaki, and Shakir, “Autonomous Attitude Control of A Quadcopter Unmanned Aerial Vehicle (UAV),” *Journal of Telecommunication, Electronic and Computer Engineering (JTEC)*, vol. 2, pp. 153–160, 2015.
- [2] Maarif, A., Puriyanto, R.D. and Hasan, F.R.T., 2020. “Robot Keseimbangan Dengan Kendali Proporsional-Integral-Derivatif (PID) dan Kalman Filter.” *IT Journal Research and Development*, 4(2).
- [3] Priambodo, A.S., Astrowulan, K. and Susila, J., 2012. “Perancangan dan Implementasi Sistem Kendali PID untuk Pengendalian Gerakan Hover pada UAV Quadcopter.”
- [4] Aziz, D., Algburi, S., Alani, S. and Mahmood, S., 2020. Design and Implementation of GPS Based Quadcopter Control System.
- [5] A. Acakpovi, E. Polytechnique, A.-C. v Francois N Kpadevi Ecole Polytechnique, and A.-C. Justice Nyarko, “Design and Implementation of a Quadcopter Based on a Linear Quadratic Regulator (LQR) Maurel Aza-Gnandji,” *Journal of Digital Food, Energy & Water Systems*, vol. 1, no. 1, pp. 1–14, 2020.
- [6] P. L. Flores and R. González Carvajal, “Design and Implementation of a Quadcopter Based on a Design and Implementation of a Drone QuadcopterUsing Low-Cost Microcontrollers.”
- [7] Jack Brown, “QUADCOPTER FLIGHT CONTROLLERS: THE PROCESS BEHIND EVERY QUADCOPTER,” *Drone Lab*. <https://www.mydronelab.com/accessories/quadcopter-flight-controller.html> (accessed Dec. 16, 2021).
- [8] Suryanti, D.I., 2017. “Inertial Measurement Unit (IMU) Pada Sistem Pengendali Satelit. Media Dirgantara,” 12(2).
- [9] ADIWIJAYA, W., 2016. Penunjuk Arah Kiblat Berbasis Arduino Nano Dengan Menggunakan Sensor Kompas Hmc5883l (Doctoral dissertation, POLITEKNIK NEGERI SRIWIJAYA).

- [10] Alfeno, S. and Devi, R.E.C., 2017. "Implementasi Global Positioning System (GPS) dan Location Based Service (LSB) pada Sistem Informasi Kereta Api untuk Wilayah Jabodetabek." *Jurnal Sisfotek Global*, 7(2).
- [11] Fahlstrom, P.G., Gleason, T.J. and Sadraey, M.H., 2022. "Introduction to UAV systems. John Wiley & Sons."
- [12] Suprapto, B.Y., Heryanto, M.A., Suprijono, H., Muliadi, J. and Kusumoputro, B., 2017, October. "Design and development of heavy-lift hexacopter for heavy payload." (pp. 242-247).
- [13] M. A. Lukmana and H. Nurhadi, "Preliminary study on Unmanned Aerial Vehicle (UAV) Quadcopter using PID controller," in ICAMIMIA 2015 - International Conference on Advanced Mechatronics, Intelligent Manufacture, and Industrial Automation, Proceeding - In conjunction with Industrial Mechatronics and Automation Exhibition, IMAE, Jul. 2016, pp. 34–37. doi: 10.1109/ICAMIMIA.2015.7507997.
- [14] X. Dai, Q. Quan, J. Ren, and K. Y. Cai, "An analytical design-optimization method for electric propulsion systems of multicopter UAVs with desired hovering endurance," *IEEE/ASME Transactions on Mechatronics*, vol. 24, no. 1, pp. 228–239, Feb. 2019, doi: 10.1109/TMECH.2019.2890901.
- [15] Pamungkas, C.A., 2019. "Aplikasi penghitung jarak koordinat berdasarkan latitude dan longitude dengan metode euclidean distance dan metode haversine." *Jurnal Informa: Jurnal Penelitian dan Pengabdian Masyarakat*, 5(2), pp.8-13.