

REFERENSI

- [1] B. N. P. Bencana, "Data Informasi Bencana Indonesia (DIBI)," [Online]. Available: <https://bnpb.cloud/dibi/tabel1b>. [Diakses 13 September 2020].
- [2] B. N. P. Bencana, "Potensi Ancaman Bencana," [Online]. Available: <https://bnpb.go.id/potensi-ancaman-bencana>. [Accessed 13 September 2020].
- [3] A. Firdaus, "Kerugian Bencana 2019 Capai Rp80 Triliun, Rp75 Trillion karena Kebakaran Hutan," BeritaBenar, 30 Maret 2019. [Online]. Available: <https://www.benarnews.org/indonesian/berita/bencana-2019-12302019134632.html>. [Accessed 13 September 2020].
- [4] P. Ariefana, "Pencarian dan Evakuasi Korban Gempa Palu Diperpanjang Sehari," Suara.com, 11 Oktober 2018. [Online]. Available: <https://www.suara.com/news/2018/10/11/175644/pencarian-dan-evakuasi-korban-gempa-palu-diperpanjang-sehari?page=1>. [Diakses 13 September 2020].
- [5] P. I. T. M. Das, S. Swami dan J. M. Conrad, "An algorithm for landing a Quadrotor Unmanned Aerial Vehicle on an oscillating surface," *2012 Proceedings of IEEE Southeastcon*, pp. 1-4, 2012.
- [6] E. Fresk dan G. Nikolakopoulos, "Full quaternion based attitude control for a quadrotor," *2013 European Control Conference (ECC)*, pp. 3864-3869, 2013.
- [7] T. Milligan, "More applications of Euler rotation angles," *IEEE Antennas and Propagation Magazine*, vol. 41, pp. 78-83, 1999.
- [8] Y. Nazaruddin, F. Franky and I. Mandala, "OPTIMISASI PENGONTROL LQR MENGGUNAKAN ALGORITMA STOCHASTIC FRACTAL SEARCH," *Seminar Nasional Instrumentasi, Kontrol dan Otomasi*, 2018.
- [9] T. Milligan, "More applications of Euler rotation angles," *IEEE Antennas and Propagation Magazine*, vol. 41, pp. 78-83, 1999.
- [10] E. Fresk and G. Nikolakopoulo, "Full quaternion based attitude control for a quadrotor," *European Control Conference (ECC)*, pp. 3864-3869, 2013.
- [11] T. Milligan, "More applications of Euler rotation angles," *IEEE Antennas and Propagation Magazine*, vol. 41, pp. 78-83, 1999.

- [12] E. H. Dulf, M. Saila, C. I. Muresan dan L. C. Miclea, "An Efficient Design and Implementation of a Quadrotor Unmanned Aerial Vehicle Using Quaternion-Based Estimator," *Mathematics*, vol. 8, no. 1829, 2020.
- [13] F. Sabatino, "Quadrotor control: modeling, nonlinear control design, and simulation," *Master Thesis, KTH, School of Electrical Engineering (EES), Automatic Control*, 2015.
- [14] A. Ataka, H. Tnunay, R. Inovan, M. Abdurrohman, H. Preastianto and A. I. C. a. Y., "Controllability and observability analysis of the gain scheduling based," *International Conference on Robotics, Biomimetics, Intelligent Computational Systems, Jogjakarta*, p. 2013, 212-218.
- [15] R. Muhana, "Implementation of Quaternion Based Proportional-Derivative Control for UAV Quadrotor Attitude Tracking with Madgwick Filter," *Thesis*, 2019.
- [16] T. K. Priyambodo, A. E. Putra dan A. Dharmawan, "Optimizing Control based on Ant Colony Logic," *2015 IEEE International Conference on Aerospace Electronics and Remote Sensing Technology (ICARES)*, 2015.
- [17] A. A. e. al, "Controllability and observability analysis of the gain scheduling based linearization for UAV quadrotor," *2013 International Conference on Robotics, Biomimetics, Intelligent Computational Systems*, pp. 2-218, 2013.
- [18] F. Sabatino, "Quadrotor control: modeling, nonlinear control design, and simulation," *Master Thesis, KTH, School of Electrical Engineering (EES), Automatic Control*, 2015.
- [19] M. Usman, "Quadcopter Modelling and Control With MATLAB/Simulink Implementation," *Bachelor's Thesis, Mechanical Engineering and Production Technology, LAB University of Applied Sciences*, 2019.
- [20] M. B. Nugraha dan R. Sumiharto, "Penerapan Sistem Kendali PID pada Antena Pendeteksi Koordinat Posisi UAV," *Skripsi 1 Prodi Elektronika dan Instrumentasi Jurusan Ilmu Komputer dan Elektronika, FMIPA UGM 3 Jurusan Ilmu Komputer dan Elektronika, FMIPA UGM, Yogyakarta*, 2015.