

DAFTAR PUSTAKA

- Ahmed, S. dan Samar, R., 2007, *Comparative Study of Speed Control Algorithms for UAV Applications*, 68–72
- Badwan, M., Tutunji, T.A., 2018. *System Identification for Bixler3 Unmanned Aerial Vehicle*. 2018 19th Int. Conf. Res. Educ. Mechatron. REM 93–98.
- Dezhi, Tang, and Tang Xiaojun. 2017. “Design of UAV Attitude Controller Based on Improved Robust LQR Control.” In *2017 32nd Youth Academic Annual Conference of Chinese Association of Automation (YAC)*, 1004–9. Hefei, China: IEEE. <https://doi.org/10.1109/YAC.2017.7967557>.
- Dharmawan, Andi, Ahmad Ashari, and Agfianto Eko Putra. 2016. “Quadrotor Flight Stability System with Routh Stability and Lyapunov Analysis.” In , 170007. Beirut, Lebanon. <https://doi.org/10.1063/1.4958609>.
- Euteneuer, E.A. dan Papageorgiou, G., 2011, UAS insertion into commercial airspace: Europe and US standards perspective, *AIAA/IEEE Digital Avionics Systems Conference - Proceedings*, [Online] 1–12, tersedia di DOI:10.1109/DASC.2011.6096084.
- FAA, 2016, *Pilot Guide to Takeoff Safety*, Federal Aviation Administration, Washington.
- Fossen, Thor I. 2011. “MATHEMATICAL MODELS FOR CONTROL OF AIRCRAFT AND SATELLITES,” no. February 1998.
- Hibbeler, R. C. 2016. *Engineering Mechanics DYNAMIC 14th Edition*. 14th ed. Hoboken, New Jersey 07030: Pearson Prentice Hall.
- Kayacan, E., Khanesar, M.A., Rubio-Hervas, J., Reyhanoglu, M., 2017. *Learning Control of Fixed-Wing Unmanned Aerial Vehicles Using Fuzzy Neural Networks*. Int. J. Aersp. Eng. 2017, 1–12. <https://doi.org/10.1155/2017/5402809>.
- Lan, Chuan-Tau, and Shawn Keshmiri. 2017. “Analysis of the Crash of a Transport Aircraft and Assessment of Fuzzy-Logic Stall Recovery.” *Aerospace Science and Technology* 71 (December): 231–44. <https://doi.org/10.1016/j.ast.2017.09.028>.
- Lavretsky, Eugene, and Kevin A Wise. 2013. *Robust and Adaptive Control*. Advanced Textbooks in Control and Signal Processing. London: Springer London. <https://doi.org/10.1007/978-1-4471-4396-3>.
- Munawwaroh, Dita Anies. 2017. “LQR OF PERIODIC REVIEW PERISHABLE INVENTORY SYSTEMS FOR RADIOISOTOPE LUTHESIUM-177,” 10.
- Nasiri, S., Lin, S., Sachs, D., Jiang, J., 2010. *Motion Processing: The Next Breakthrough Function In Handsets*. Inven. Inc July 2009 1–10.
- Ogata, Katsuhiko. 2010. *Modern Control Engineering Fifth Edition*. Edited by 5th. New Jersey, USA: Prentice Hall.



- Pei Wang, and Zhongke Shi. 2010. "Fuzzy Recovery Controller for Deep Stall Based on Particle Swarm Optimization." In *2010 International Conference On Computer Design and Applications*, V3-408-V3-412. Qinhuangdao, China: IEEE. <https://doi.org/10.1109/ICDDA.2010.5541276>.
- Pratama, G.N.P., Dharmawan, A. dan Atmaji, C., 2014, *Implementasi Kendali Logika Fuzzy pada Robot Line Follower*, 4 (1), 45–56.
- Purnawan, H., Mardijah dan Purwanto, E.B., 2017, *Design of linear quadratic regulator (LQR) control system for flight stability of LSU-05* *Design of linear quadratic regulator (LQR) control system for flight stability of LSU-05*.
- Sivanandam, S.N., Sumathi, S. dan Deepa, S.N., 2007, *Introduction to Fuzzy Logic using MATLAB*, [Online]. tersedia di DOI:10.1007/978-3-540-35781-0.
- Starlino, 2009. *A Guide To using IMU (Accelerometer and Gyroscope Devices) in Embedded Applications*. [WWW Document]. IMU Theory Exp. [https://doi.org/Featured, IMU Theory and Experiments](https://doi.org/Featured,IMUTheoryandExperiments)
- Sudarsono, T.A. dan Dharmawan, A., 2017, *Sistem Kendali Untuk Meminimalkan Rolling yang Terjadi pada Penerbangan Roket Electric Ducted Fan*, *Skripsi*, Universitas Gadjah Mada.
- Takahashi, K., Fujimoto, H., Hori, Y., Kobayashi, H. dan Nishizawa, A., 2014, *Airspeed control of electric airplane based on 2-quadrant thrust control and verification with towing test using electric vehicle*, *IECON Proceedings (Industrial Electronics Conference)*, [Online] 2682–2688, tersedia di DOI:10.1109/IECON.2014.7048885.
- Wu, Fen, and Ke Dong. 2005. *Robust and Gain-Scheduled. Control*. <https://doi.org/10.1007/978-1-4471-4396-3>.