

DAFTAR PUSTAKA

- Abdulellah, A., Che Soh, Abdullah, N.A., Hassan, M.K., Noor, S.B., (2015) Simulated Real Time Controller Using Modified Hill Climbing Algorithm on Fixed Wing Airplane, 10th Asian Control Conference (ASCC 2015), IEEE, diakses pada 12 Mei 2017.
- Ali, S.U., Shah, M.Z., Samar, R., (2016) Sliding Mode Based Roll Control Law Design for a Research UAV and its Flight Validation, 13th International Bhurban Conference on Applied Sciences and Technology (IBCAST 2016), IEEE, diakses pada 4 Oktober 2018.
- Anjali, B.S., Vivek, A, Nandagopal, J.L., (2016) Simulation and Analysis of Integral LQR Controller for Inner Control Loop Design of a Fixed Wing Micro Aerial Vehicle (MAV), Global Colloquium in Recent Advancement and Effectual Researches in Engineering, Science, and Technology (RAEREST).
- Argentim, L.M., Rezende, W.C., Santos, P.E., Aguiar, R.A., (2012) PID, LQR and LQR-PID on a Quadcopter Platform, Centro Universit´ario da FEI
- Carholt, O.C., Fresk, E., Andrikopoulos, G. dan Nikolakopoulos, G., (2016), Design , Modelling and Control of a Single Rotor UAV, *24th Mediterranean Conference on Control and Automation (MED)*, [Online] 840–845, tersedia di DOI:10.1109/MED.2016.7536015.
- Dharmawan, A., Ashari, A. dan Putra, A.E. (2016) Quadrotor Flight Stability System with Routh Stability and Lyapunov Analysis. *AIP Conference Proceedings*. [Online] 170007. Available from: doi:10.1063/1.4958609.
- Fukuda, T., Takimoto, E., (2014) Development of an Unmanned Autonomous Flying Wing for Aerial Observations, *14th International Conference on Control, Automation and Systems (ICCAS 2014)* [Online], 2014 IEEE, pp. 22-25, tersedia di DOI : 10.1109/ICCAS.2014.6987817, diakses 20 September 2016.
- Govinda, A. S., dan Dharmawan, A., (2017), Sistem Kendali Pengatur Kecepatan Terbang Horisontal Pada Rudal *Electric Ducted Fan* (EDF), Skripsi, Universitas Gadjah Mada.
- Gupte, S. dan Conrad, J.M., 2012, A survey of quadrotor Unmanned Aerial Vehicles, 2012 Proceedings of IEEE Southeastcon, [Online] 1–6, tersedia di DOI:10.1109/SECon.2012.6196930.
- Gu, H., Lyu, X., Li, Z., Shen, S. & Zhang, F., 2017, Development and experimental verification of a hybrid vertical take-off and landing (VTOL) unmanned aerial vehicle(UAV), *2017 International Conference on Unmanned Aircraft Systems, ICUAS 2017*, 160–169.
- Hibbeler, R.C. (2016) Dynamics. Fourteenth. Norrin Dias dan Michelle Bayman (ed.). Pearson Prentice Hall, Pearson Education, Inc. Hoboken, New Jersey.
- Kartika, A. P. Dharmawan, A., (2018) *Design and Implementation of LQR Control Method on Longitudinal and Lateral Attitude UAV Flying Wing*, Thesis, Universitas Gadjah Mada



Lavretsky, E. dan Wise, K. (2013) *Robust and Adaptive Control*. London, springer. tersedia di doi:10.1007/978-1-4471-4396-3.

Li, Y., Chen, C., Chen, W., (2013) Research On Longitudinal Control Algorithm For Flying Wing Uav Based On Lqr Technology, *International Journal On Smart Sensing And Intelligent Systems Vol.6 No.5* [Online], ISN 1178-5608, pp. 2155-2181, diakses 10 September 2016.

Markin, S., (2010) *Multiple Simultaneous Specification Attitude Control Of A Mini Flying-Wing unmanned Aerial Vehicle*, Graduate Department of Mechanical and Industrial Engineering, University of Toronto.

Ogata, K. (2010) *Modern Control Engineering Fifth Edition*. Fifth. [Online]. Prentice Hall, New Jersey. Available from: doi:10.1109/TAC.1972.1100013.

Prahasta, R. dan Dharmawan, A., (2016) Implementasi Metode LQR (Linear Quadratic Regulator) pada Pengendali Terbang Quadrotor untuk Kestabilan Sikap Pesawat, *Tesis*, Universitas Gadjah Mada.

Rinardi, M.S. (2016) *Sistem Kendali Terbang Landas Dan Mendarat Secara Otomatis Pada Pesawat Fixed Wing Dengan Menggunakan Metode PID Fuzzy*. Universitas Gadjah Mada.

Rui, W., Zhou, Z., Yanhang, S., (2007) Robust Landing Control and Simulation for Flying Wing UAV *Proceedings of the 26th Chinese Control Conference* [Online], 2007 IEEE, pp. 26-31, tersedia di DOI : 10.1109/CHICC.2006.4346934, diakses 24 September 2016.

Syifaudin, F. Y., Dharmawan, A., dan Supardi, T. W., 2017, Sistem Kendali Untuk Mempertahankan Lintasan Pada Penerbangan *Quadrotor* Menuju Beberapa Stasiun, Skripsi, Universitas Gadjah Mada.

Warsi, F.A., Hazry, D., Ahmed, S.F., Joyo, M.K., Tanveer, M.H., Kamarudin, H. dan Zuradzman, M. (2014) *Yaw , Pitch and Roll Controller Design for Fixed-wing UAV under uncertainty and perturbed Condition*. 7–9.

Zhang, J., Guo, Z. & Wu, L., 2017, Research on control scheme of vertical take-off and landing fixed-wing UAV, *2017 2nd Asia-Pacific Conference on Intelligent Robot Systems, ACIRS 2017*, 200–204.