

DAFTAR PUSTAKA

www.itk.ac.id

- Artale, V., Milazzo, C.L.R., and Ricciardello, A., 2013. Mathematical *Modeling* of *Hexacopter*. <http://doi.org/10.12988/amcs.2013.37385>
- Baranek, R., Solc, F., 2013. Hexacopter Pitch Estimator for a Pitch Stabilizer. IFAC Proceedings Volumes 46, 326–329. <https://doi.org/10.3182/20130925-3-CZ-3023.00021>
- Chipade, V.S., Abhishek, Kothari, M., Chaudhari, R.R., 2018. Systematic design methodology for development and flight testing of a variable pitch quadrotor biplane VTOL UAV for payload delivery. Mechatronics 55, 94–114. <https://doi.org/10.1016/j.mechatronics.2018.08.008>
- Koslosky, E., Wehrmeister, M.A., Fabro, J.A., de Oliveira, A.S., n.d. On Using Fuzzy Logic to Control a Simulated Hexacopter Carrying an Attached Pendulum 6.
- Kuantama, E., Vesselenyi, T., Dzitac, S., Tarca, R., 2017. PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter. INT J COMPUT COMMUN 12, 519. <https://doi.org/10.15837/ijcc.2017.4.2962>
- Kugelberg, I., 2016. Black-Box Modeling and Attitude Control of a Quadcopter in Master of Science Thesis in Electrical Engineering, Linkoping University
- Maharani Raharja, N., Firmansyah, E., Imam Cahyadi, A., Iswanto, I., 2017. Hovering Control of Quadrotor Based on Fuzzy Logic. IJPEDS 8, 492. <https://doi.org/10.11591/ijpeds.v8.i1.pp492-504>
- Megayanti, M., Nugraha, Y.P., Sary, I.P., Hidayat, E., Trilaksono, B.R., 2018. Modeling and Implementation of Hexacopter Guidance System Using Fuzzy Logic Control Under Wind Disturbance, in: 2018 IEEE 8th International Conference on System Engineering and Technology (ICSET). Presented at the 2018 IEEE 8th International Conference on System Engineering and Technology (ICSET), IEEE, Bandung, pp. 12–17. <https://doi.org/10.1109/ICSEngT.2018.8606399>
- Moussid, M., Sayouti, A., Medromi, H., 2015. Dynamic Modeling and Control of a HexaRotor using Linear and Nonlinear Methods. IJAIS 9, 9–17. <https://doi.org/10.5120/ijais2015451411>
- Nugraha, Y.P., Ridlwan, H.M., Riansyah, M.I., Trilaksono, B.R., 2017. Autonomous Tracking of Hexacopter on Moving Mobile Robot Using Gazebo ROS Simulation, in: Proceedings of the 9th International Conference on Machine Learning and Computing - ICMLC 2017. Presented at the the 9th International Conference, ACM Press, Singapore, Singapore, pp. 498–501. <https://doi.org/10.1145/3055635.3056657>
- Omari, S., Hua, M.-D., Ducard, G., Hamel, T., 2013. Hardware and Software Architecture for Nonlinear Control of Multirotor Helicopters. IEEE/ASME Trans. Mechatron. 18, 1724–1736. <https://doi.org/10.1109/TMECH.2013.2274558>

- Panagopoulos, A. A., and Chalkiadakis, G., 2015. Moment of Inertia of Potentially Tilted Cuboids
- Priyambodo, T.K., Dharmawan, A., Putra, A.E., 2016. PID self tuning control based on Mamdani fuzzy logic control for quadrotor stabilization. Presented at the PROGRESS IN APPLIED MATHEMATICS IN SCIENCE AND ENGINEERING PROCEEDINGS, Bali, Indonesia, p. 020013. <https://doi.org/10.1063/1.4940261>
- Rabah, M., Rohan, A., Han, Y.-J., Kim, S.-H., 2018. Design of Fuzzy-PID Controller for Quadcopter Trajectory-Tracking. IJFIS 18, 204–213. <https://doi.org/10.5391/IJFIS.2018.18.3.204>
- Rosales, C., Soria, C.M., Rossomando, F.G., 2019. Identification and adaptive PID Control of a hexacopter UAV based on neural networks: Identification and adaptive PID Control of a hexacopter UAV based on neural networks. Int J Adapt Control Signal Process 33, 74–91. <https://doi.org/10.1002/acs.2955>.
- Sabatino, Francesco, 2015. Quadrotor Control: Modeling, Nonlinear Control Design and Simulation. In Master Thesis of KTH Electrical Engineering Royal Institute of Technology, Stockholm
- Septiani, N.I., Bayusari, I., Caroline, Haiyunisa, T., Suprapto, B.Y., 2017. Optimization of PID control parameters with genetic algorithm plus fuzzy logic in stirred tank heater temperature control process, in: 2017 International Conference on Electrical Engineering and Computer Science (ICECOS). Presented at the 2017 International Conference on Electrical Engineering and Computer Science (ICECOS), IEEE, Palembang, pp. 61–66. <https://doi.org/10.1109/ICECOS.2017.8167167>
- Sutanto, A., Tanudjaja, H., n.d. PENERAPAN KONTROLER PID PADA SISTEM PENGATUR KETINGGIAN AIR BERBASIS LABVIEW 12.
- Ula, F.M., Setyawan, G.E., Maulana, R., n.d. Sistem Kendali Take-Off Quadcopter Ar.Drone Menggunakan Logika Fuzzy 7.
- Waharte, S., Trigoni, N., 2010. Supporting Search and Rescue Operations with UAVs, in: 2010 International Conference on Emerging Security Technologies. Presented at the 2010 International Conference on Emerging Security Technologies (EST), IEEE, Canterbury, TBD, United Kingdom, pp. 142–147. <https://doi.org/10.1109/EST.2010.31>
- Walker, Jearl. 2014. Fundamentals of Physics/ Jearl Walker, David Halliday, Robert Resnick – 10th edition. © John Wiley & Sons, Inc.
- Zanetti, R. and DeMars K. J., 2018. Fully Multiplicative Unscented Kalman Filter For Attitude Estimation. Journal of Guidance Control and Dynamics Vol. 41 No. 5. <https://doi.org/10.2514/1.G003221>
- Zha, C., Ding, X., Yu, Y., Wang, X., 2017. Quaternion-based nonlinear trajectory tracking control of a quadrotor unmanned aerial vehicle. Chin. J. Mech. Eng. 30, 77–92. <https://doi.org/10.3901/CJME.2016.1026.127>