

DAFTAR PUSTAKA

MS5611-01BA03, "MS5611-01BA03 Barometric Pressure Sensor: Ultra-Compact Micro Altimeter", Measurement Specialties, Inc. Available: <https://www.te.com/commerce/DocumentDelivery/DDEController?Action=srchtrv&DocNm=MS5611-01BA03&DocType=Data+Sheet&DocLang=English>

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Islam, T., Islam, M.S., Mahmud, M.S., & Haider, M.H. (2017). Comparison of complementary and Kalman filter based data fusion for attitude heading reference system. AIP Conference Proceedings, 1919, 0200002. <https://doi.org/10.1063/1.5018520>.

Chen, J.I., & Lin, H.Y. (2023). Performance Evaluation of a Quadcopter by an Optimized Proportional–Integral–Derivative Controller. Applied Sciences, 13(15), 8663. <https://doi.org/10.3390/app13158663>.

Shao, W., Zang, J., Zhao, J., & Liu, K. (2023). A Variable Gain Complementary Filtering Fusion Algorithm Based on Distributed Inertial Network and Flush Air Data Sensing. Applied Sciences, 13(14), 8090. <https://doi.org/10.3390/app13148090>.

Martti Kirkko-Jaakkola., Jussi Collin., & Jarmo Takala. (2012). *Bias Prediction for MEMS Gyroscopes*. IEEE Sensors Journal. Volume 12, No 6. <https://doi.org/10.1109/JSEN.2012.2185692>.

Cedro, L., Wiczorkowski, K., & Szcześniak, A. (2024). An Adaptive PID Control System for the Attitude and Altitude Control of a Quadcopter. Acta Mech Autom, 18(1), 29-39. <https://doi.org/10.2478/ama-2024-0004>.

Xuan-Mung, N., & Hong, S.K. (2019). Improved Altitude Control Algorithm for Quadcopter Unmanned Aerial Vehicles. Applied Sciences, 9(10), 2122. <https://doi.org/10.3390/app9102122>.

Aprilito, I. (2022). Implementasi Algoritma Sensor Fusion pada Sistem Kendali Flight Controller: Quadcopter Tim Robot UPN “Veteran” Yogyakarta

Imam, M. (2022). Implementasi Metode PID pada Sistem Kendali Flight Controller untuk UAV: Quadcopter Tim Robot UPN “Veteran” Yogyakarta.

Teppo Luukkonen. (2011). *Modelling and control of quadcopter*. Independent research project in applied mathematics. https://sal.aalto.fi/publications/pdf-files/eluu11_public.pdf.

Ariffin, N.H., Bais, B., & Arsad, N. (2016). Low Cost MEMS Gyroscope and Accelerometer Implementation Without Kalman Filter For Angle Estimation. International Conference on Advances in Electrical, Electronic and System Engineering. <https://doi.org/10.1109/ICAEES.2016.7888013>

Htun, Z.M.M., Latt, M.M., Nwe, C.M., & Mon, S.S.Y. (2018). Performance Comparison of Experimental-based Kalman Filter and Complementary Filter for IMU Sensor Fusion by applying Quadrature Encoder. International Journal of Scientific and Research Publications, 8(11). <http://dx.doi.org/10.29322/IJSRP.8.11.2018.p8304>.

Narkhede, P., Poddar, S., Walambe, R., Ghinea, G., & Kotecha, K. (2021). Cascaded Complementary Filter Architecture for Sensor Fusion in Attitude Estimation.

- Sensors, 21(6), 1937. <https://doi.org/10.3390/s21061937>.
- Sara Stančin., & Sašo Tomažič. (2018). *On the Interpretation of 3D Gyroscope Measurements*. Journal of Sensors, Volume 2018, Article ID 9684326. <https://doi.org/10.1155/2018/9684326>.
- Bolun Zeng., Jianbo Zhang., Lang Chen., & Yao Wang. (2018). *Self-balancing car based on ARDUINO UNO R3*. IEEE 3rd Advanced Information Technology, Electronic and Automation Control Conference. <https://doi.org/10.1109/IAEAC.2018.8577775>.
- Weijie Wang., & Yanmin Lu. (2018). *Analysis of the Mean Absolute Error (MAE) and the Root Mean Square Error (RMSE) in Assessing Rounding Model*. IOP Conference Series: Materials Science and Engineering. <http://dx.doi.org/10.1088/1757-899X/324/1/012049>.
- Jelena Kocić., Nenad Jovičić., & Vujo Drndarević. (2018). *Sensors and Sensor Fusion in Autonomous Vehicles*. 26th Telecommunications forum TELFOR. <http://dx.doi.org/10.1109/TELFOR.2018.8612054>.
- Yeong, Velasco-Hernandez, G., Barry, J., & Walsh, J. (2021). *Sensor and Sensor Fusion Technology in Autonomous Vehicles: A Review*. Sensors, 21(6), 2140. <https://doi.org/10.3390/s21062140>.
- Ebeid, E., Skriver, M., Terkildsen, K. H., Jensen, K., & Schultz, U. P. (2018). *A survey of Open-Source UAV flight controllers and flight simulators*. Microprocessors and Microsystems, 61, 11–20. doi:10.1016/j.micpro.2018.05.002