

## DAFTAR PUSTAKA

- [1] Indonesia Government, “Peraturan Presiden Republik Indonesia Tentang Percepatan Pengendalian Pencemaran dan Kerusakan Daerah Aliran Sungai Citarum,” *Sekr. Negara*, vol. 3, no. 1, pp. 1–53, 2018, [Online]. Available: <https://setkab.go.id/wp-content/uploads/2018/03/Perpres-Nomor-15-Tahun-2018-tentang-Percepatan-Pengendalian-Pencemaran-dan-Kerusakan-DAS-Citarum-1.pdf>.
- [2] L. Yan, Y. Chen, K. Pan, H. Wu, and L. Cheng, “IoT UAV control based on DIC-PID in water quality measurement application,” *Chinese Control Conf. CCC*, vol. 2019-July, pp. 8130–8135, 2019, doi: 10.23919/ChiCC.2019.8866432.
- [3] R. D. Lestari, A. Rusdinar, M. A. Murti, G. Tawaqal, and D. Lee, “Design of IoT-based river water monitoring robot data transmission model using low power wide area network (LPWAN) communication technology,” *Proc. - 2019 IEEE Int. Conf. Internet Things Intell. Syst. IoTaIS 2019*, pp. 201–205, 2019, doi: 10.1109/IoTaIS47347.2019.8980377.
- [4] P. I. D. Controller, E. Apriaskar, N. A. Salim, and D. Prastiyanto, “Performance Evaluation of Balancing Bicopter Using P, Pi, and Pid Controller,” *J. Tek. Elektro*, vol. 11, no. 2, pp. 44–49, 2019, doi: 10.15294/jte.v11i2.23032.
- [5] D. Sharipov, Z. Abdullaev, Z. Tazhiev, and O. Khafizov, “Implementation of a mathematical model of a hexacopter control system,” *Int. Conf. Inf. Sci. Commun. Technol. Appl. Trends Oppor. ICISCT 2019*, 2019, doi: 10.1109/ICISCT47635.2019.9011842.
- [6] F. Arland, A. Rusdinar, D. Ph, I. Prasetya, and D. Wibawa, “INTEGRASI DRONE DENGAN FLOATING ROBOT UNTUK MONITORING DI SUNGAI ( PENDERATAN DRONE SECARA OTOMATIS DI ATAS SUNGAI ) INTEGRATION DRONE WITH FLOATING ROBOT FOR ( AUTO LANDING DRONE ON THE RIVER ),” pp. 2–8.

- [7] E. C. Wijaya, I. Setiawan, J. T. Elektro, F. Teknik, and U. Diponegoro, "Auto-Tuning," pp. 98–124, 1996, doi: 10.1142/9789812830227\_0005.
- [8] K. V. Rao and A. T. Mathew, "Dynamic modeling and control of a hexacopter using PID and back stepping controllers," *EPSCICON 2018 - 4th Int. Conf. Power, Signals, Control Comput.*, vol. 1, pp. 1–7, 2018, doi: 10.1109/EPSCICON.2018.8379607.
- [9] Magnusson, Tobias, 2014. International Journal of Altitude Control of Hexacopter.

### **Daftar Pustaka dari Situs Internet (*web site*)**

- [10] Flight controller. Diakses pada tanggal 10 Agustus 2020, dari [https://docs.px4.io/v1.9.0/en/flight\\_controller/pixhawk.html](https://docs.px4.io/v1.9.0/en/flight_controller/pixhawk.html)
- [11] Tarot 4108 High Power Brushless Motor (380kv). Diakses pada tanggal 10 Agustus 2020, dari <http://www.helipal.com/tarot-4008-high-power-brushless-motor-380kv.html>
- [12] Hobbywing XRotor Micro 40A 3-6S BLHeli\_32 DShot1200 ESC for FPV Quad. Diakses pada tanggal 10 Agustus 2020, dari [https://www.rcpapa.com/products/hobbywing-xrotor-micro-40a-3-6s-blheli\\_32-dshot1200-esc-for-fpv-quad](https://www.rcpapa.com/products/hobbywing-xrotor-micro-40a-3-6s-blheli_32-dshot1200-esc-for-fpv-quad)
- [13] 3DR Radio Telemetry 433MHz 500mW for PIXHAWK and APM. Diakses pada tanggal 10 Agustus 2020, dari <https://robu.in/product/3dr-radio-telemetry-433mhz-500mw-for-pixhawk-and-apm/>
- [14] U-blok M8 concurrent GNSS modules. Diakses pada tanggal 10 Agustus 2020, dari [https://www.u-blox.com/sites/default/files/NEO-M8-FW3\\_DataSheet\\_%28UBX-15031086%29.pdf](https://www.u-blox.com/sites/default/files/NEO-M8-FW3_DataSheet_%28UBX-15031086%29.pdf)
- [15] Flysky I6. xxx <https://www.unmannedtech.co.uk/manuals/flysky-i6-manual>
- [16] Gens Ace 5000mAh 6S 60C 22.2Volt High Performance RC Lipo Battery. Diakses pada tanggal 10 Agustus 2020, dari

instrument.com/gens-ace-5000mah-6s-60c-222volt-high-performance-rc-lipo-battery-0103440047.html

- [17] Common Power Module. Diakses pada tanggal 10 Agustus 2020, dari <https://ardupilot.org/copter/docs/common-3dr-power-module.html>
- [18] Gunawan, I. (22 Maret 2019). 82 Persen Sungai di Indonesia Tercemar dan Kritis. Diakses pada tanggal 10 Agustus 2020, dari <https://nasional.republika.co.id/berita/nasional/umum/porsc1383/82-persen-sungai-di-indonesia-tercemar-dan-kritis>