

DAFTAR PUSTAKA

- Al Azhar, G., Winarno, T., Izza, S., & Malang, P. N. (2022). Implementasi g-h Filter Pada Sensor Kompas Sebagai Peningkatan Akurasi Trajectory Tracking Robot Differential Drive. *Journal of Mechanical and Electrical Technology*, *1*(1).
- Angga Priyatmoko, Igi Ardiyanto, A. I. C. (2024). *Odometri Dinamis untuk Pelacakan Titik Arah Robot Beroda Omnidirectional Mecanum Beroda untuk Pergerakan yang Efisien. November.*
- Anwar, N. E., & Ferdilla, H. (2023). Pengaturan Kecepatan Dan Pengendalian Motor DC 5 V-110 V Menggunakan IC Tipe NE 555. *Jurnal Teknologi Riset Terapan (JATRA)*, *1*(2), 113–123. <https://doi.org/10.35912/jatra.v1i2.3157>
- Fahmizal, F., Priyatmoko, A., Apriaskar, E., & Mayub, A. (2019). Heading Control on Differential Drive Wheeled Mobile Robot with Odometry for Tracking Problem. *2019 International Conference on Advanced Mechatronics, Intelligent Manufacture and Industrial Automation, ICAMIMIA 2019 - Proceeding*, 47–52. <https://doi.org/10.1109/ICAMIMIA47173.2019.9223412>
- Hidayat, A., & Hidayah, M. (2020). *JURNAL TEKNIK INFORMATIKA PROTOTIPE MOBILE ROBOT PEMINDAH BARANG DENGAN KENDALI SMARTPHONE ANDROID BERBASIS ARDUINO*. *8*(2).
- Irwansyah, akhmad rizal. (2021). Infotech: journal of technology information. *Raden Ario Damar*, *7*(1), 55–62.
- Khairunnas, & Mulyanto, E. (2021). Pembuatan Modul Deteksi Objek Manusia

Menggunakan Metode YOLO untuk Mobile Robot. *Jurnal Teknik ITS*, 10(1).

MA'ARIF, A., ISTIARNO, R., & SUNARDI, S. (2021). Kontrol Proporsional Integral Derivatif (PID) pada Kecepatan Sudut Motor DC dengan Pemodelan Identifikasi Sistem dan Tuning. *ELKOMIKA: Jurnal Teknik Energi Elektrik, Teknik Telekomunikasi, & Teknik Elektronika*, 9(2), 374. <https://doi.org/10.26760/elkomika.v9i2.374>

Mahanin Tyas, U., Apri Buckhari, A., Studi Pendidikan Teknologi Informasi, P., & Studi Pendidikan Teknologi dan Kejuruan, P. (2023). *IMPLEMENTASI APLIKASI ARDUINO IDE PADA MATA KULIAH SISTEM DIGITAL* (Vol. 1, Issue 1).

Peerzada, P., Hyder Larik, W., & Abbas Mahar, A. (2021). DC Motor Speed Control Through Arduino and L298N MotorDriver Using PID Controller. *International Journal of Electrical Engineering & Emerging Technology*, 4(2), 21–24.

Putri, M. D. I. (2022). PENGENDALI KECEPATAN SUDUT MOTOR DC MENGGUNAKAN KONTROL PID DAN TUNING ZIEGLER NICHOLS. *TECHNO*, 23(1).

Raharja, A. R. (2024). IMPLEMENTASI APLIKASI SURFACE ROUGHNESS TESTER ATAU ALAT UKUR KEKASARAN PERMUKAAN JALAN MENGGUNAKAN C# DAN ARDUINO. *Media Informatika*, 23(1).

Samsiana, S., Wisnu Agung, P. S., & Anwar, R. (2020). Odometry System On Two Wheel Robot With Differential Drive. *Senter 2020, November 2020*, 46–52.

- Supriyo, B., Utomo, K., Krishna, B., Fahrul Aji, A., Teknik Elektro, J., & Negeri Semarang JI Sudarto, P. (2024). *RANCANG BANGUN ALAT PENGUBAH RPM DARI PULSA ENCODER KE TEGANGAN* (Vol. 20, Issue 2).
- Ding, L., Li, S., Liu, Y. J., Gao, H., Chen, C., & Deng, Z. (2017). Adaptive neural network-based tracking control for full-state constrained wheeled mobile robotic system. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, 47(8), 2410–2419. <https://doi.org/10.1109/TSMC.2017.2677472>
- Hassani, I., Maalej, I., & Rekik, C. (2020). Backstepping tracking control for nonholonomic mobile robot. *Proceedings of the International Conference on Advanced Systems and Emergent Technologies, IC_ASET 2020*, 63–68. https://doi.org/10.1109/IC_ASET49463.2020.9318221
- Kubo, R., Fujii, Y., & Nakamura, H. (2020). Control Lyapunov function design for trajectory tracking problems of wheeled mobile robot. *IFAC-PapersOnLine*, 53(2), 6177–6182. <https://doi.org/10.1016/j.ifacol.2020.12.1704>
- Singh, R., Singh, G., & Kumar, V. (2020). Control of closed-loop differential drive mobile robot using forward and reverse Kinematics. *Proceedings of the 3rd International Conference on Smart Systems and Inventive Technology, ICSSIT 2020, Icssit*, 430–433. <https://doi.org/10.1109/ICSSIT48917.2020.9214176>

