

DAFTAR PUSTAKA

- Abdulridha, H. H. (2017). *G j e s r m.* 4(10), 152–160.
<https://doi.org/10.5281/zenodo.1034505>
- Ainnur Rahman, R., Nurdyawan, O., & Rinaldi Dikananda, A. (2024). Penerapan Kendali Sistem Otomatis Pada Lampu Halaman Asrama Menggunakan Arduino Pada Pondok Pesantren Al- Ma'Rifah. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 8(1), 645–652. <https://doi.org/10.36040/jati.v8i1.8422>
- Ajudin, D. (2015). Pengenalan dasar PLC (Programmable Logic Controllers). *Wordpress.Com, December*, 0–6.
- Al-Naib, A. (2022). Design an Industrial Robot Arm Controller Based on PLC. *Przegląd Elektrotechniczny*, 98(7), 105–109.
<https://doi.org/10.15199/48.2022.07.18>
- Buddhasukh, D. (2013). Maejo international journal of science and technology. *Maejo International Journal of Science and Technology*, 7(1).
- Cong, V. D. (2024). Design and Development of a Costefficiency Robot Arm with a PLC-based Robot Controller. *FME Transactions*, 52(2), 226–236.
<https://doi.org/10.5937/fme2402226C>
- Cui, T., & Ibaraki, S. (2024). Calibration of rotary axis angular positioning deviations in a six - axis robotic manipulator by using the R - Test. *The International Journal of Advanced Manufacturing Technology*, 3845–3862.
<https://doi.org/10.1007/s00170-024-14260-w>
- Fadhil Abbas, T. (2013). Forward Kinematics Modeling of 5 DOF Stationary Articulated Robots. *Engineering and Technology Journal*, 31(3A), 500–512.
<https://doi.org/10.30684/etj.31.3a.8>
- Haryanto, H., & Hidayat, S. (2016). Perancangan HMI (Human Machine Interface) Untuk Pengendalian Kecepatan Motor DC. *Setrum : Sistem Kendali-Tenaga-Elektronika-Telekomunikasi-Komputer*, 1(2), 58.
<https://doi.org/10.36055/setrum.v1i2.476>
- Irwan, P. (2024). *Perancangan Lengan Robot Sebagai Media Pembelajaran Programmable Logic Controller Di Laboratorium PLC Politeknik Kampar.* 2(1).

- Kalatiku Yuri Yudhaswana, P. P. J. (2011). Pemrograman Motor Stepper Dengan Menggunakan Bahasa Pemrograman C. *Mektek, Vol 13, No 1 (2011)*.
- Kim, N., Oh, D., Oh, J. Y., & Lee, W. (2022). Disturbance-Observer-Based Dual-Position Feedback Controller for Precision Control of an Industrial Robot Arm. *Actuators, 11*(12). <https://doi.org/10.3390/act11120375>
- Kumar, B., Jaiswal, A. K., & Kumar, B. (2017). Vacuum Cup Grippers for Material Handling In Industry. *Int. J. Sci. Technol.*, 7(1), 1–8.
- Lin, H. I., & Lin, Y. H. (2014). A novel teaching system for industrial robots. *Sensors (Switzerland)*, 14(4), 6012–6031. <https://doi.org/10.3390/s140406012>
- Montgomery, D. C., & Runger, G. C. (2021). *Applied Statistics and Probability for Engineers, 7th Edition Evaluation Copy (7th Edition)* kibooki.com/download/applied-statistics-and-probability-for-engineers-7th-edition-evaluation-co This Book is Available on YakiBooki.com.
- Prasetyo, B. P., Fauzi, R., Subito, M., Ardias, E., & Mustari, A. (2024). Rancang Bangun Trainer Robot Lengan Untuk Praktikum Robotika Pada Prodi S1 Teknik Elektro Fakultas Teknik Universitas Tadulako. *Foristek, 14*(1). <https://doi.org/10.54757/fs.v14i1.373>
- Wang, S., Wei, X., Weng, Y., Zhao, Y., & Jiang, Z. (2018). *A Novel Single-Axis MEMS Tilt Sensor with a High Sensitivity in the Measurement Range*. <https://doi.org/10.3390/s18020346>
- Wiliam, W., Kartadinata, B., & Wijayanti, L. (2019). Pengendalian Lengan Robot untuk Proses Pemindahan Barang. *TESLA: Jurnal Teknik Elektro, 21*(1), 69. <https://doi.org/10.24912/tesla.v21i1.3252>