

DAFTAR PUSTAKA

- A. Aly, A., & G., M. (2024). Position Control for An Electrohydraulic Vertical Launching System Based On PSOPID Strategy. *Indian Journal of Computer Science and Engineering*, 15(2), 217–226. <https://doi.org/10.21817/indjcse/2024/v15i2/241502035>
- Abdullah, B.-A., Hamzah, M., & Merza, A. (2019). Design and Control of a Full-Scale Quarter Car Test Rig for Semi-Active Suspension System. *Engineering and Technology Journal*, 37(10A), 416–421. <https://doi.org/10.30684/etj.37.10a.6>
- Alif, F. (2018). Sistem Kontrol dan HMI Pada Modul Elektro Hidrolik. *Tugas Akhir*. Institut Teknologi Sepuluh November (ITS), Surabaya.
- Chen, R. M., & Shih, H. F. (2013). Solving university course timetabling problems using constriction particle swarm optimization with local search. *Algorithms*, 6(2), 227–244. <https://doi.org/10.3390/a6020227>
- Cvok, I., Hrgetić, M., Hoić, M., Deur, J., & Ivanovic, V. (2021). Design of a linear motor-based shaker rig for testing driver's perceived ride comfort. *Mechatronics*, 75. <https://doi.org/10.1016/j.mechatronics.2021.102521>
- Ferly I. (2014). Design Control System Hydraulic on Motorcycle Suspension 1 DOF Test Rig. *Tugas Akhir*. Institut Teknologi Sepuluh November (ITS), Surabaya.
- Heidarian, A., & Wang, X. (2019). Review on seat suspension system technology development. In *Applied Sciences (Switzerland)* (Vol. 9, Issue 14). MDPI AG. <https://doi.org/10.3390/app9142834>
- Jamil, I. A. A., & Moghavvemi, M. (2021). Optimization of PID Controller Tuning method using Evolutionary Algorithms. *3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021*. <https://doi.org/10.1109/i-PACT52855.2021.9696875>

- Kamalakaran, K., Elayaperumal, A., Mangalaramanan, S., & Arunachalam, K. (2011). Performance Analysis and Behaviour Characteristics of CVD (Semi Active) in Quarter Car Model. In *Jordan Journal of Mechanical and Industrial Engineering* (Vol. 5, Issue 3).
- Kim, S., & Kim, H. (2016). A new metric of absolute percentage error for intermittent demand forecasts. *International Journal of Forecasting*, 32(3), 669–679. <https://doi.org/10.1016/j.ijforecast.2015.12.003>
- Lin, A., Sun, W., Yu, H., Wu, G., & Tang, H. (2019). Adaptive comprehensive learning particle swarm optimization with cooperative archive. *Applied Soft Computing Journal*, 77, 533–546. <https://doi.org/10.1016/j.asoc.2019.01.047>
- Mudita Juneja, S. K. N. (2016). Particle swarm optimization algorithm and its parameters: A review. In C. C. and M. (ICCCCM) 2016 International Conference on Control (Ed.), *International Conference on Control, Computing, Communication and Materials (ICCCCM)*. IEEE.
- Putra, N. D. (2016). Perancangan Sistem Kontrol Posisi Silinder Hidrolik Electro-Hydraulic Servo System Pada Proses Deep Drawing Punch Stroke. *Tugas Akhir*. Institut Teknologi Sepuluh November (ITS), Surabaya.
- Rashid, S. M., Yahya Salloom, M., Jemily, N. H. B., & H., A.-S. (2024). Modeling and Simulation of Hydraulic Proportional Control Valves with Different Types of Controllers s. *Al-Khwarizmi Engineering Journal*, 20(2), 56–64. <https://doi.org/10.22153/kej.2024.03.001>
- Rizaldi, F. (2016). Perancangan Sistem Hidrolik Punch Stroke pada Mesin Press untuk Pembuatan Cup Selongsong Peluru Kaliber 20 MM. *Tugas Akhir*. Institut Teknologi Sepuluh November (ITS), Surabaya.
- Santhosh, K. V., & Roy, B. K. (2017). Online implementation of an adaptive calibration technique for displacement measurement using LVDT. *Applied Soft Computing Journal*, 53, 19–26. <https://doi.org/10.1016/j.asoc.2016.12.032>

- Sudrajat, R., & Rofifah, F. (2023). Rancang Bangun Sistem Kendali Kipas Angin dengan Sensor Suhu dan Sensor Ultrasonik Berbasis Arduino Uno. *Remik*, 7(1), 555–564. <https://doi.org/10.33395/remik.v7i1.12082>
- Tamburrano, P., Plummer, A. R., Distaso, E., & Amirante, R. (2019). A review of direct drive proportional electrohydraulic spool valves: Industrial state-of-the-art and research advancements. *Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME*, 141(2). <https://doi.org/10.1115/1.4041063>
- Tedja Bhirawa, W. (2021). Sistem Hidrolik Pada Mesin Industri. *Jurnal universitas surya dharma*. 78-88.
- Wabang, K., Warsito, A., & Louk, A. C. (2020). Simulasi Peredam Getaran pada Pegas Katup (Valve Spring) Sistem Hidrolik Dengan Metode PID Memanfaatkan Simulink MatLAB. *Jurnal Fisika*, 5(1), 2657–1900.
- Walujodjati, A. (2009). Analisis Sistem Kontrol Active Magnetic Bearing Pada Rotor. *Momentum*. 5(1):57–60.
- Wang, D., Tan, D., & Liu, L. (2018). Particle swarm optimization algorithm: an overview. *Soft Computing*, 22(2), 387–408. <https://doi.org/10.1007/s00500-016-2474-6>
- Wu, Z., Jiao, B., Sun, C., Zhang, Y., & Zhao, H. (2023). Design and Optimization of Hydropneumatic Suspension Simulation Test Bench with Electro-Hydraulic Proportional Control. *Machines*, 11(9). <https://doi.org/10.3390/machines11090907>
- Yahya Salloom, M., Majeed Ahmed, S., & Hussein Morad, A. (2016). Proportional Hydraulic Control System of Overrunning Variable Load Actuator. *International Research Journal of Engineering and Technology*. www.irjet.net
- Yang, Y., Ding, L., Xiao, J., Fang, G., & Li, J. (2022). Current Status and Applications for Hydraulic Pump Fault Diagnosis: A Review. In *Sensors* (Vol. 22, Issue 24). MDPI. <https://doi.org/10.3390/s22249714>

- Ye, Y., Yin, C. B., Gong, Y., & Zhou, J. jing. (2017). Position control of nonlinear hydraulic system using an improved PSO based PID controller. *Mechanical Systems and Signal Processing*, 83, 241–259.
<https://doi.org/10.1016/j.ymssp.2016.06.010>
- Zulaikha, D. F., & Warsono, W. (2021). Aplikasi Transformasi Laplace pada Sistem Dinamik Pendulum Terbalik dengan Redaman dan Gaya Penggerak. *JPF (Jurnal Pendidikan Fisika) Universitas Islam Negeri Alauddin Makassar*, 9(1), 1. <https://doi.org/10.24252/jpf.v9i1.18659>