



DAFTAR PUSTAKA

- [1] S. K. Pandey and V. Laxmi, “Control of twin rotor MIMO system using PID controller with derivative filter coefficient,” *2014 IEEE Students’ Conf. Electr. Electron. Comput. Sci. SCEECS 2014*, 2014, doi: 10.1109/SCEECS.2014.6804451.
- [2] A. H. Kurniawan and M. Rivai, “Sistem Stabilisasi Nampan Menggunakan IMU Sensor Dan Arduino Nano,” *J. Tek. ITS*, vol. 7, no. 2, 2018, doi: 10.12962/j23373539.v7i2.31043.
- [3] S. K. Valluru, R. Kumar, and R. Kumar, “Design and Implementation of L-PID and IO-PID Controllers for Twin Rotor MIMO System,” *2019 Int. Conf. Power Electron. Control Autom. ICPECA 2019 - Proc.*, vol. 2019-Novem, 2019, doi: 10.1109/ICPECA47973.2019.8975542.
- [4] C. M. Chang and J. G. Juang, “Real time TRMS control using FPGA and hybrid PID controller,” *IEEE Int. Conf. Control Autom. ICCA*, pp. 983–988, 2014, doi: 10.1109/ICCA.2014.6871054.
- [5] V. S. Rao, V. I. George, S. Kamath, and C. Shreesha, “Reliable robust PID controller design for TRMS,” *2017 Asian Control Conf. ASCC 2017*, vol. 2018-Janua, pp. 565–569, 2018, doi: 10.1109/ASCC.2017.8287232.
- [6] F. Alyoussef and I. Kaya, “TRMS Experimental Results of New Nonlinear PID Tuned by de Algorithm,” *Proc. - 2019 3rd Int. Conf. Appl. Autom. Ind. Diagnostics, ICAAID 2019*, no. September, pp. 25–27, 2019, doi: 10.1109/ICAAID.2019.8934956.
- [7] R. Rio Bagus, Teknik, D. T. Elektro, and U. N. S. Teknik, “PENGEMBANGAN TWO WHEELS SELF BALANCING ROBOT DENGAN PI CONTROLLER BERBASIS LABVIEW 2014 Bagus Rio Rynaldo Endryansyah pada Two Wheels Self Balancing Robot Berbasis Arduino,” vol. 7, pp. 127–136, 2018.
- [8] M. Abdullah Bin Azhar, W. Hassan, and U. Rahim, “PID control behavior and sensor filtering for a self balancing personal vehicle,” *2012 Int. Conf. Robot. Artif. Intell. ICRAI 2012*, pp. 7–10, 2012, doi: 10.1109/ICRAI.2012.6413419.
- [9] Feedback Instruments Ltd, “Twin Rotor MIMO System Control Experiments 33- 949S Laboratory Manual,” U.K., p. 46, 2005, [Online]. Available: <http://www.cpdee.ufmg.br/~palhares/33-942rotor.pdf>.
- [10] K. Ogata, *Modern Control Engineering [Paperback]*. 2009.
- [11] R. E. Izzaty, B. Astuti, and N. Cholimah, “No Title No Title No Title,” *Angew. Chemie Int. Ed. 6(11)*, 951–952., vol. 1, pp. 5–24, 1967.
- [12] M. D. Dhopir, Muh Ilham Ali and Prasetyo, “Rancang bangun alat otomatisasi pembuatan beton berbasis PLC,” *J. Chem. Inf. Model.*, no. motor DC, pp. 8–42, 2016.
- [13] B. A. B. Ii and T. Pustaka, “BAB II Tinjauan Pustaka BAB II TINJAUAN PUSTAKA 2.1,” pp. 1–64, 2002.