

DAFTAR PUSTAKA

- [1] B. Kendall, *Makeuseof Getting Started with Arduino a Beginne's Guide*, 2013.
- [2] M. Alqudah, M. Abdelfattah, I. Boiko and K. Alhammadi, "Dynamic Modeling and Control Design for a Self-balancing Two-Wheel Chair," 2016.
- [3] D. Pratama, E. H. Binugroho and F. Ardilla, "Movement Control of Two Wheels Balancing Robot using Cascaded PID Controller," *International Electronics Symposium (IES)*, pp. 94-99, 2015.
- [4] Arduino, *www.arduino.cc*, 7 Maret 2017.
- [5] R. V. Jain, M. Aware and A. Junghare, "Tuning of Fractional Order PID Controller Using Particle Swarm Optimization Technique for DC Motor Speed Control," *1st IEEE International Conference on Power Electronics. Intelligent Control and Energy Systems (ICPEICES)* , pp. 1-4, 2016.
- [6] F. Angel A.S, Lukman, M. D. Rahay H, M. Masyhuri, T. Nadzir Aban and Casmuriyah, "Motor DC," Politeknik Negeri Bandung, Bandung, 2014/2015.
- [7] S. C. R. M. M. A. K. Hasan Mahadi, "Balancing of an Inverted Pendulum Using PD Controller," Department of Mechanical Engineering, Rajshahi University of Engineering & Technology, Bangladesh, 2012.
- [8] L. K. X. N. a. J. L. S. Li, "Design and Realization of Two-wheeled Auto-balancing Vehicle," *4th International Conference on Advanced Information Technology and Sensor Application*, pp. 36-38, 2015.
- [9] J. O. a. H. Blemings, "Partical Arduino Cool Projects for Open Source Hardware," *United States of America: Technology in Action*, 2009.
- [10] N. S. NISE, *Control Systems Engineering*, 6th Edition, Chichester, United Kingdom: John Wiley and Sons Ltd, 2010.