

## DAFTAR PUSTAKA

- [1] insinyoer.com, "Cara Kerja Motor Servo," [Online]. Available: <http://www.insinyoer.com/cara-kerja-motor-servo/>.
- [2] rhydolabz, "Servo Motors," [Online]. Available: [https://www.rhydolabz.com/robotics-servo-motors-c-155\\_157/](https://www.rhydolabz.com/robotics-servo-motors-c-155_157/).
- [3] webstudi.site, "Motor DC Vs Motor Servo, Apa Perbedaannya?," [Online]. Available: <http://www.webstudi.site/>.
- [4] Weblog gw, "Tahap Pemodelan Logika Fuzzy," [Online]. Available: <https://ajiexku.wordpress.com/2012/01/22/tahap-pemodelan-logika-fuzzy/>.
- [5] N. Nieyoul, "Citra Digital," [Online]. Available: <http://niaidris.blogspot.com/2018/05/citra-digital-1.html>.
- [6] logitech, "C270," [Online]. Available: <https://www.logitech.com/id-id/product/hd-webcam-c270>.
- [7] nanopowerbd.com, [Online]. Available: [nanopowerbd.com](http://nanopowerbd.com).
- [8] G. F. Franklin, J. D. Powell and A. Emami-Naeni, Digital Control of Dynamical System, 3rd Ed, Kanada, 1998.
- [9] N. Monita, "Perancangan Sistem Kendali dengan PID untuk Keseimbangan Bola," 2018.
- [10] Hasan, K. Mahmud, A. Al-Hamid, K. J. Reza, S. Khatun and R. M. Basar, "Sensor Based Autonomous Color Line Follower Robot with Obstacle Avoidance," *IEEE Business Engineering and Industrial Application Colloquium (BEIAC)*, 2013.
- [11] J. Bruce, C. Keeling and R. Rodriguez, "Four Degree of Freedom Control System Using a Ball on Plate," 2011.
- [12] H. Jafari, A. Rahimpour, M. Pourrahim and F. Hashemzadeh, "Linear Quadratic Gaussian Control for Ball and Plate System".

- [13] "Pengantar Dasar Sistem Kontrol," [Online]. Available:  
<http://dosen.narotama.ac.id/wp-content/uploads/2012/12/modul-1-PENGANTAR-SISTEM-KONTROL.doc> .
- [14] J. Jantzen, "Design of Fuzzy Controllers," *Tech. report no 98-E 864*, 1998.
- [15] H. Yang, "Fuzzy Systems Technology: A Brief Overview".
- [16] M. Amjad, M. I. Kashif, S. S. Abdullah and Z. Shareed, "A Simplified Intelligent Controller for Ball and Beam System," *2nd International Conference on Education Technology and Computer (ICETC)*, 2010.
- [17] H. Muhammad, M. Ramdhani and A. S. Wibowo, "DESAIN DAN IMPELEMENTASI KENDALI PID PADA BEAM AND BALL SYSTEM," *e-Proceeding of Engineering* , vol. 4, p. 3286, 2017.
- [18] A. Adiprasetya and A. S. Wibowo, "Implementation of PID Controller and Pre-Filter to Control Non-Linear Ball and Plate System," *2016 International conference on control, electronics, renewable energy and communications (ICCEREC)*, pp. 174-178, 2016.