

DAFTAR PUSTAKA

- Ahn, Kyoung Kwan dan TU Diep Cong Thanh. 2005. *Nonlinear PID Control to Improve the Control Performance of the Pneumatic Artificial Muscle Manipulator Using Neural Network*. Journal of Mechanical Science and Technology. Vol.19, No.1. page 106 – 115.
- Craig, John J. 1989. *Introductions to robotics : mechanics and control 2nd ed.* Canada : Addison Wesley Publishing Company.
- Dung, Le Tien, Kang, Hee-Jun, dan Shick Ro, Young. 2010. *Robot manipulator modeling in Matlab- Simmechanics with PD control and online Gravity compensation*. IEEE. IFOST 2010 Proceedings.
- Fathah, Amir, Wisena, Adityo, Indrawanto, Budiarto, dan Budiyo. 2015. *Inverse Kinematics of Six Degrees of Freedom Robotic Manipulator for Field Service Operation*. E. Others. Paper ID = 1054.
- Garrido, R. dan Soria, A. 2005. *Estimating the Gravity Terms in Robot Manipulator for PD control*. International Journal of Robotics and Automation, Vol. 20, No.3. page 169-176.
- Habiba, Curie. 2018. Sistem kendali robot *humanoid* pada saat berjalan belok. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Gadjah Mada. Yogyakarta.
- Hoifodt, Herman. 2011. *Dynamic Modelling and Simulation of Robot Manipulators*. Norwegian University of Science Technology. Norwegia.
- Jazar, R.N., 2010, *Theory of Applied Robotics*.
- Kurfess, Thomas R. 2005. *Robotics and Automation Handbook*. CRC Press.
- Lafmejani, Hossein Sadegh dan Zarabadipour, Hassan. 2014. *Modeling, Simulation and Position Control of 3DOF Articulated Manipulator*. Indonesian Journal

of Electrical Engineering and Informatics (IJEEI). Vol.2, No.3. page 132-140.

Lestari, Poppy Dewi dan Abdul Hadi. 2012. *Desain PI Controller* dengan menggunakan Ziegler Nichols *Tuning* pada Proses Nonlinier Multivariabel. Seminar Nasional Teknologi Informasi Komunikasi dan Industri (SNTIKI) 4. Halaman 439 – 446.

Ogata, Katsuhiko. 2010. *Modern Control Engineering fifth edition*. New York: PrenticeHall, Inc

P. Tomei. 1991. *Adaptive PD controller for robot manipulators*. IEEE Trans. Robotics Automat., Vol.7, page 565-570.

Piltan, Farzin Taghizadegan, dan Sulaiman. 2015. *Modeling and Control of Four Degrees of Freedom Surgical Robot Manipulator Using MATLAB/SIMULINK* . International Journal of Hybrid Information Technology. Vol.8, No.11, Page 47-78.

Siciliano, Bruno., Sciavicco, Lorenzo., Villani Luigi., dan Oriolo, Giuseppe. 2009. *Robotics Modelling, Planning and Control*. Springer.

Velarde-Sanchez J.A., Rodriguez-Gutierrez S.A., Garcia-Valdovinos L.G., dan Pedraza-Ortega J.C. 2010. *5-DOF Manipulator Simulation Based on MATLAB-Simulink Methodology*. IEEE.