DAFTAR PUSTAKA

Bernard, M. J. (2014) '*Microcontroller Based Power Inverter*', Project Report, F17/28234/2009

Direktorat Jendral Ketenagalistrikan Kementrian Energi Dan Sumber Daya Mineral 2016.*Statistik Ketenagalistrik 2015*.Edisi No.29.Jakarta: Direktorat Jenderal Ketenagalistrikan.

Floyd, Thomas L. (2012). *Electronic Devices (Electron Flow Version)*. New Jersey: Prentice Hall

Gergana VACHEVA, Vladimir DIMITROV and Nikolay HINOV. (2019). "Modelling and Control of Bidirectional Buck-Boost Converter for Electric Vehicles Applications". Technical University of Sofia, Faculty of Electronic Engineering and Technologies, 1000 Sofia, Bulgaria.

G.H. Cohen and G.A. Coon, Theoretical Conderation of Retarded Control, Trans. ASMME, 775, pp. 827-834, 1953.

Hadi, M.S. 2008. "Mengenal Mikrokontroler ATMega16". Malang: Ilmukomputer.com

Haifeng Fan Systems Engineer, Power Management, Design tips for an efficient non-inverting buck-boost converter, Analog Application Journal, *Texas Instrument*, AAJ 3Q 2014.

Hart,Daniel W. 2010 *" Power Electronics "* Valparaiso University. Indiana

Kazimierczuk, Marian. 2016. "*Pulse width modulated DC-DC power converters*". John Wiley&Sons, Ltd. Amerika

K. F. Sutrisna and A. P. Rahardjo, "Pembangkit Listrik Masa Depan Indonesia," Wordpress. 2009

Kumar, R., et al., (2015), ―Microprossesor Based Closed Loop Speed Control of DC Motor Using PWM‖, International Conference on Control, Instrumentaion, Communication and Computational Technologies (ICCICCT)

Linggarjati, J (2012), "Optimasi Penentuan Jenis Mosfet Pada Pengendali Elektronika Motor BLDC", *Jurnal Teknik Komputer*, Vol 20.

Ogata, K. (2010). *Modern Control Engineering* (5th Edition ed.). New Jersey, United States of America: Prentice Hall.

Prayogo, Rudito.2012.PENGATURAN PWM (*Pulse Width Modulation*) dengan PLC .Universitas Brawijaya.

Rashid, Muhammad H. 2006 " *Power Electronics handbook, Devices, Circuits and Application* ". University of West Florida. Florida

Rashid, Muhammad H. 2010 " *Power Electronics handbook 4th Edition* ". Florida Polytechnic University. Florida

Rashid, Muhammad H. 2014 " *Power Electronics Circuit Devices and Applications*". Florida Polytechnic University. Florida

R. Dowlatabi, M. Monfared, and S. Golestan, A. Hassanzadeh, "*Modelling and controller design for a noninverting buck-boost chopper,*" International Conference of Electrical Engineering and Informatics, July 2011, Bandung, India.

Rifai, Muhammad. Beauty Anggraheny Ikawanty. 2016. "Desain rangkaian *buck-boost converter* pada sistem *charging* lampu penerangan lingkungan pondok pesantren di kota malang". SENTIA. Politeknik Negeri Malang

Schaltz, E., P.O. Rasmussen and A. Khaligh, 2008. "*Non-inverting buck-boost converter for fuel cell performance of TSBB converter is better than the single application, " in Proc. IEEE Annual Conf. IEEE Ind. Electron.*, pp: 855-860.

Sighn, P. (2013). "*Design Of Tuning Methods Of PID Controller Using Fuzzy Logic*". 5, 240.

Simamora, Kristianingsih. 2015. Desain Kendali PID Pada *Plant* Debit Air Dengan Metode *Ziegler-Nichols* dan *Cohen Coon* Menggunakan Matlab Dan Arduino. Laporan. Bandung : Politeknik Negeri Bandung

Srđan Lale. (2017). "NON-INVERTING BUCK-BOOST CONVERTER WITH AN ADAPTIVE DUAL CURRENT MODE CONTROL". University of East Sarajevo, Faculty of Electrical Engineering, East Sarajevo, Bosnia and Herzegovina

www.itk.ac.id

Y Sam Joel, Dr. H V Saikumar and Siva Suba Rao Patange.(2016) "*Design & Performance Analysis of Fuzzy Based MPPT Control Using Two-Switch Non Inverting Buck-Boost Converter*" Maulana Azad National Institute of Technology, Bhopal, India.

www.itk.ac.id