

## DAFTAR PUSTAKA

[www.itk.ac.id](http://www.itk.ac.id)

- Abbas, G., M. A. Samad, J. Gu, M. U. Asad, dan U. Farooq. (2016), “Set-Point Tracking of a DC-DC *Boost Converter* through Optimized PID Controllers”, *IEEE Canadian Conference on Electrical and Computer Engineering*.
- Alharbi, S. S., A. M. S. Al-bayati, dan M. Matin. (2017), “Design and Performance Evaluation of a DC-DC *Buck-Boost Converter* with Cascode GaN FET, SiC JFET, and Si IGBT Power Devices”, *North American Power Symposium*.
- Ang, S, dan A. Oliva.(2005),”*Power Swithcing Converter Second Edition*”, Taylor & Francis Group, New York.
- Arifin, J., L. N. Zulita, dan Hermawansyah. (2016), “Perancangan Muottal Otomatis Menggunakan Mikrokontroller Arduino Mega 2560”, *Jurnal Media Infotama*.
- Astrom, K.J. dan T, Hangglun (1995),” *PID controllers; theory, design, and tuning*”, Lund Institute of Technology, Lund.
- Das, R., H. Rashid, dan I. U. Ahmed. (2017), “A Comparative Analysis of PI and PID Controlled Bidirectional DC-DC *Converter* with Conventional Bidirectional DC-DC *Converter*”, *International Conference on Electrical Information and Communication Technology*.
- Dinniyah, F. S., W. Wahab, dan M. Wahab. (2017), “Simulation of *Buck-boost converter* for Solar Panels using PID”, *International Conference on Alternative and Renewable Energy Quest*.
- Gowda N M, S. P. (2016), “Optimization of Synchronous *Buck-Boost DC-DC Switching Converter*”, *IEEE International Conference On Recent Trends In Electronics Information Communication Technology*.
- Hart, D. W. (2011), “*Power Electronics*”, Valparaiso University, Valparaiso, Indiana.
- Iskandar, A., Muhajirin, dan Lisah. (2017), “Sistem Keamanan Pintu Berbasis Arduino Mega”, *Jurnal Informatika UPGRIS*.

Kazimierczuk, Marian. 2008. "Pulse width modulated DC-DC power converters".

John Wiley&Sons, Ltd. Amerika

Kaouane, M., A. Boukhelifa, dan A. Cheriti. (2017), "Regulated output voltage double switch Buck-boost converter for photovoltaic energy application", *International journal of hydrogen energy*.

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

Meshram, P. M., dan R. G. Kanajiya. (2012), "Tuning of PID Controller using Ziegler-Nichols Method for Speed Control of DC Motor", *IEEE-International Conference On Advances In Engineering, Science And Management*.

Ogata, K. (2010), "Modern Control Engineering (5th ed.)", Prentice Hall, New York.

Rashid, M. H. (2014). "Power Electronics Circuits Devices and Applications (3rd ed.)", Prentice Hall, New Jersey.

Sharma, K., dan D. K. Palwalia. (2017), "Design of Digital PID Controller for Voltage Mode Control of DC-DC Converters", *International Conference on Advancement in Electrical and Electronic Engineering*.

Soheli, S. N., G. Sarowar, A. Hoque, dan S. Hasan. (2018), "Design and Analysis of a DC -DC Buck-boost converter to Achieve High Efficiency and Low Voltage Gain by using Buck Boost Topology into Buck Topology", *International Conference on Advancement in Electrical and Electronic Engineering*.

Tan, R. H. G., dan L. Y. H. Hoo. (2015), "DC-DC Converter Modeling and Simulation using State Space Approach", *International Conference on Advancement in Electrical and Electronic Engineering*.

Tiwari, N. (2018). "Performance Analysis of Unidirectional and Bidirectional Buck-boost converter using PID Controller", *International Conference on Electronics, Materials Engineering & Nano-Technology* .

Vijayalakshmil, S., R. Arthika, dan G. S. Priya. (2015), "Modeling and Simulation of Interleaved Buck-boost converter with PID Controller", *International Conference on Intelligent Systems and Control*.