

DAFTAR PUSTAKA

- Abdulkadir, M., & Yatim, A. H. M. (2014, October). Hybrid maximum power point tracking technique based on {PSO} and incremental conductance. *2014 {IEEE} Conference on Energy Conversion ({CENCON})*.
<https://doi.org/10.1109/cencon.2014.6967514>
- Ali, A., Li, W., & He, X. (2016). Performance analysis of incremental conductance MPPT with simple moving voltage average method for distributed PV system. *Open Electrical and Electronic Engineering Journal*, *10*(310027), 118–128.
<https://doi.org/10.2174/1874129001610010118>
- Dernoncourt, F. (2013). Introduction to Fuzzy Logic Control. In *MIT* (Issue January).
- Di Piazza, M. C., & Vitale, G. (2013). *Photovoltaic Sources Modeling and Emulation*. Springer. <https://doi.org/10.1007/978-1-4471-4378-9>
- EL, A., MEHDI, E., & ZAZI, M. (2016). PSIM and MATLAB Co-Simulation of Photovoltaic System using “P and O” and “Incremental Conductance” MPPT. *International Journal of Advanced Computer Science and Applications*, *7*(8), 72–76. <https://doi.org/10.14569/ijacsa.2016.070811>
- Eltamaly, A. M., & Abdelaziz, A. Y. (2020). *Modern Maximum Power Point Tracking Techniques for Photovoltaic Energy Systems*.
<http://www.eurekaselect.com/102081/volume/1>
- Franklin, G. F.; Powell, J. D.; Emami-Naeni, A. (2009). Feedback Control of Dynamic Systems. In *Feedback Control of Dynamic Systems* (6th ed.). Pearson College Div. <https://doi.org/10.1109/MCS.1986.1105084>
- Ghosh, S., & Mahendran, V. (2013). Incremental Conductance MPPT Method For Photovoltaic System. *International Journal of Engineering Research and Applications (IJERA)*, *3*(4), 2363–2366. www.ijera.com
- Hankins, M. (2010). *Stand-Alone Solar Electric Systems: The Earthscan Expert Handbook for Planing, Design and Installation*. Earthscan.

Harrag, A., & Messalti, S. (2019). IC-based variable step size neuro-fuzzy MPPT Improving PV system performances. *Energy Procedia*, 157, 362–374. <https://doi.org/10.1016/j.egypro.2018.11.201>

Ibrahim, O., Yahaya, N. Z., & Saad, N. (2017). Comparative studies of PID controller tuning methods on a DC-DC boost converter. *International Conference on Intelligent and Advanced Systems, ICIAS 2016*, 1–5. <https://doi.org/10.1109/ICIAS.2016.7824044>

Kaltschmitt, M., Streicher, W., & Wiese, A. (2007). Renewable energy: Technology, and environment economics. In *Renewable Energy: Technology, and Environment Economics*. Springer. <https://doi.org/10.1007/3-540-70949-5>

Kazem, H. A., Khatib, T., & Sopian, K. (2013). Sizing of a standalone photovoltaic/battery system at minimum cost for remote housing electrification in Sohar, Oman. *ELSEVIER, Energy and Building*, 61, 108–115.

Kler, D., Rana, K. P. S., & Kumar, V. (2018). A nonlinear PID controller based novel maximum power point tracker for PV systems. *Journal of the Franklin Institute*, 355(16), 7827–7864. <https://doi.org/10.1016/j.jfranklin.2018.06.003>

Lilly, J. H. (2010). Fuzzy Control and Identification. In *Fuzzy Control and Identification*. <https://doi.org/10.1002/9780470874240>

Mohan, Ned; Undeland, Tore M.; Robbins, W. P. (1995). *Power Electronics: Converters, Applications, and Design*. John Wiley & Sons.

Nasrin, R., Hasanuzzaman, M., & Rahim, N. A. (2018). Effect of high irradiation on photovoltaic power and energy. *International Journal of Energy Research*, 42(3), 1115–1131. <https://doi.org/10.1002/er.3907>

Ogata, K. (2010). Modern control engineering. In *Prentice Hall*. <https://doi.org/10.1201/9781315214573>

Pathak, D., Sagar, G., & Gaur, P. (2020). An Application of Intelligent Non-linear Discrete-PID Controller for MPPT of PV System. *Procedia Computer Science*, 167(2019), 1574–1583. <https://doi.org/10.1016/j.procs.2020.03.368>

- Patki, V., Sonawane, D. N., & Ingole, D. D. (2013). Design and implementation of discrete augmented Ziegler-Nichols PID control. *Communications in Computer and Information Science*, 296 CCIS(1), 262–268. https://doi.org/10.1007/978-3-642-35864-7_37
- Poruschi, L., & Ambrey, C. L. (2019). Energy justice, the built environment, and solar photovoltaic (PV) energy transitions in urban Australia: A dynamic panel data analysis. *Energy Research and Social Science*, 48(September 2018), 22–32. <https://doi.org/10.1016/j.erss.2018.09.008>
- Radjai, T., Rahmani, L., Mekhilef, S., & Gaubert, J. P. (2014a). Implementation of a modified incremental conductance MPPT algorithm with direct control based on a fuzzy duty cycle change estimator using dSPACE. *Solar Energy*, 110, 325–337. <https://doi.org/10.1016/j.solener.2014.09.014>
- Radjai, T., Rahmani, L., Mekhilef, S., & Gaubert, J. P. (2014b). Implementation of a modified incremental conductance {MPPT} algorithm with direct control based on a fuzzy duty cycle change estimator using {dSPACE}. *Solar Energy*, 110, 325–337. <https://doi.org/10.1016/j.solener.2014.09.014>
- Rashid, M. (2018). Power Electronics Handbook Fourth Edition. In Elsevier Inc. Elsevier Inc.
- Robert Foster, Majid Ghasseni, A. C. (2010). *Solar Energy-Renewable Energy and the Environment*. CRC Press.
- Sepulveda Mora, S. B., Luna Paipa, E. A., Laguado Serrano, M. A., & Bustos Márquez, L. F. (2019). Performance comparison between PWM and MPPT charge controllers. *Scientia et Technica*, 24(1), 6. <https://doi.org/10.22517/23447214.20681>
- Sreenivasappa, B. V., & Udaykumar, R. Y. (2010). *Analysis and Implementation of Discrete Time PID Controllers using FPGA*. 2(1), 71–82.
- Xiao, W. (2017). *Photovoltaic Power System*. John Wiley & Sons, Inc. <https://doi.org/10.1002/9781119280408>
- Zhao, Z. Y., Tomizuka, M., & Isaka, S. (1993). Fuzzy Gain Scheduling of PID

Controllers. *IEEE Transactions on Systems, Man and Cybernetics*, 23(5),
1392–1398. <https://doi.org/10.1109/21.260670>



www.itk.ac.id