

www.itk.ac.id DAFTAR PUSTAKA

- Afonso, J., Freitas, S., & Martins, J. (2003). *2003 IEEE International Symposium on Industrial Electronics : ISIE'2003 : Rio de Janeiro, Brasil, June 9-11, 2003.* 1159. <http://www.sinus-pq.dei.uminho.pt/includes/qee.html>
- Alit, I. P., Widiantara, A., Rinas, I. W., Weking, A. I., Elektro, J. T., Teknik, F., Udayana, U., Thd, I., Point, B., & Villa, B. (2016). Analisis Pengaruh Pengoperasian Beban-Beban Non-Linier Terhadap Distorsi Harmonisa Pada Blue Point Bay Villa & Spa. *Jurnal Ilmiah Spektrum*, 3(2), 54–61. <https://doi.org/10.24843/SPEKTRUM>
- Amalia, R. (2015). *Issn : 2302 - 2949 Pemodelan Dan Simulasi Beban Non-Linier 3-Fasa.* 2, 165–171.
- Baggini, Angelo. (2008). *Handbook of Power Quality.* John Wiley & Sons, Ltd. England.
- Clarke, Edith. (1950). *Circuit Analysis of AC Power System Volume 2.* John Wiley & Sons, Inc.
- Darjat, Syahadi, M., & Setiawan, I. (2008). *Aplikasi kontrol Proposional Integral Berbasis Mikrokontroler Atmega8535 untuk Pengaturan suhu Pada Alat Pengering Kertas.* Kommit, 20–21.
- Dugan, Roger C. (2004). *Electrical Power System Quality Second Edition.* McGraw-Hill, New York.
- Karuppannan, P. (2012). *Design and Implementation of Shunt Active Power Line Conditioner using Novel Control Strategies.* Tesis. National Institute of Technology, Rourkela.
- Hussain, K. M., Zepherin, R. A. R., Kumar, M. S., & Kumar, S. M. G. (2014). Comparison of PID Controller Tuning Methods with Genetic Algorithm for FOPTD System. *Journal of Engineering Research and Applications*, 4(2), 308–314.

IEEE Recommended Practices and Requirements for Harmonic Control in Electrical

- Power Systems. (1993). *Harmonic standards_ IEEE519-1992* (pp. 1–100).
- IEEE Std 519. (2014). IEEE Std 519-2014 (Revision of IEEE Std 519-1992), IEEE Recommended Practice and Requirements for Harmonic Control in Electric Power Systems. *IEEE Std 519-2014 (Revision of IEEE Std 519-1992)*, 2014, 1–29. <http://ieeexplore.ieee.org/servlet/opac?punumber=6826457>
- Imam, A. A., Sreerama Kumar, R., & Al-Turki, Y. A. (2020). Modeling and simulation of a pi controlled shunt active power filter for power quality enhancement based on p-q theory. *Electronics (Switzerland)*, 9(4). <https://doi.org/10.3390/electronics9040637>
- Kumar, S., & Gupta, A. (2016). *Power Quality improvement with Shunt Active Power filter using p-q control technique*. 2937–2941.
- Kumaresan, S., & Habeebulah Sait, H. (2020). Design and control of shunt active power filter for power quality improvement of utility powered brushless DC motor drives. *Automatika*, 61(3), 507–521. <https://doi.org/10.1080/00051144.2020.1789402>
- Mirjalili, S., Mirjalili, S. M., & Lewis, A. (2014). Grey Wolf Optimizer. *Advances in Engineering Software*, 69, 46–61. <https://doi.org/10.1016/j.advengsoft.2013.12.007>
- Patel, C. A., Kishan, R., Patel, V. M., & Shah, M. D. (2017). *Load Flow Analysis of IEEE-14 Bus using E-TAP software*. 1–9.
- Rosyadi, A. (2017). *Optimasi Penempatan dan Kapasitas Filter Pasif pada Jaringan Distribusi Radial menggunakan Whale Optimization Algorithm (WOA)*. 95. <http://repository.its.ac.id/43199/>
- Srivastava, A., & Das, D. K. (2018). A Whale Optimization Algorithm Based Shunt Active Power Filter for Power Quality Improvement. *International Journal of Electrical Energy*, 6(1), 7–12. <https://doi.org/10.18178/ijoe.6.1.7-12>
- Standar PT. PLN (Persero). (2012). *SPLN D5.004-1: 2012 Tentang Power Quality*. 563, 6, 6–7, 14, 16, 17.
- Thajeel, E. M., Bin Daniyal, H., & Sulaiman, M. H. (2015). Performance analysis of active power filter for harmonic compensation using PI-PSO. *ARPJ Journal of Power Engineering and Technology*, 3(1), 1–10. www.itk.ac.id

Engineering and Applied Sciences, 10(21), 9885–9891.

Vasuniya, M., & Sahajwani, M. (2020). Design and Implementation of Active Power Filter for Harmonics Elimination using Intelligent Control Controller. *International Journal of Recent Technology and Engineering*, 8(5), 5161–5164.
<https://doi.org/10.35940/ijrte.e6416.018520>



www.itk.ac.id