

## Dr. Ramadoni Syahputra

Doctor in Electrical Engineering

Artificial Intelligence in Power System

### PUBLICATIONS

#### REFEERED JOURNALS

- [1] Syahputra, R., Soesanti, I., Ashari, M. (2016). Performance Enhancement of Distribution Network with DG Integration Using Modified PSO Algorithm. *Journal of Electrical Systems (JES)*, 12(1), pp. 1-19.
- [2] Syahputra, R., Soesanti, I. (2016). Design of Automatic Electric Batik Stove for Batik Industry. *Journal of Theoretical and Applied Information Technology (JATIT)*, 87(1), pp. 167-175.
- [3] Syahputra, R. (2016). Application of Neuro-Fuzzy Method for Prediction of Vehicle Fuel Consumption. *Journal of Theoretical and Applied Information Technology (JATIT)*, 86(1), pp. 138-149.
- [4] Syahputra, R., Soesanti, I. (2016). DFIG Control Scheme of Wind Power Using ANFIS Method in Electrical Power Grid System. *International Journal of Applied Engineering Research (IJAER)*, 11(7), pp. 5256-5262.
- [5] Soesanti, I., Syahputra, R. (2016). Batik Production Process Optimization Using Particle Swarm Optimization Method. *Journal of Theoretical and Applied Information Technology (JATIT)*, 86(2), pp. 272-278.
- [6] Syahputra, R. (2016). Characteristic Test of Current Transformer Based EMTP Software. *Jurnal Teknik Elektro*, 1(1), pp. 11-15.
- [7] Jamal, A., Suropto, S., Syahputra, R. (2016). Performance Evaluation of Wind Turbine with Doubly-Fed Induction Generator. *International Journal of Applied Engineering Research (IJAER)*, 11(7), pp. 4999-5004.
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- [12] Syahputra, R. (2015). Characteristic Test of Current Transformer Based EMTP Software. *Jurnal Teknik Elektro*, 1(1), pp. 11-15.
- [13] Jamal, A., Suropto, S., Syahputra, R. (2015). Multi-Band Power System Stabilizer Model for Power Flow Optimization in Order to Improve Power System Stability. *Journal of Theoretical and Applied Information Technology*, 80(1), pp. 116-123.
- [14] Syahputra, R., Robandi, I., Ashari, M. (2014). Optimization of Distribution Network Configuration with Integration of Distributed Energy Resources Using Extended Fuzzy Multi-objective Method. *International Review of Electrical Engineering (IREE)*, 9(3), pp. 629-639.
- [15] Syahputra, R., Robandi, I., Ashari, M. (2014). Performance Analysis of Wind Turbine as a Distributed Generation Unit in Distribution System. *International Journal of Computer Science & Information Technology (IJCSIT)*, Vol. 6, No. 3, pp. 39-56.
- [16] Syahputra, R., Robandi, I., Ashari, M., (2014), "Distribution Network Efficiency Improvement Based on Fuzzy Multi-objective Method". *IPTEK Journal of Proceedings Series*. 2014; 1(1): pp. 224-229.
- [17] Jamal, A., Syahputra, R. (2014). Power Flow Control of Power Systems Using UPFC Based on Adaptive Neuro Fuzzy. *IPTEK Journal of Proceedings Series*. 2014; 1(1): pp. 218-223.
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