

## DAFTAR PUSTAKA

- Abdalla, M. A. M., Dress, S. dan Zaki, N., 2011, Detection of Masses in Digital Mammogram Using Second Order Statistics and Artificial Neural Network, *International Journal of Computer Science and Information Technology*, 3(3), pp.176–186.
- Al-Hamadi, H.M. dan Soliman, S., 2004, Short-term electric load forecasting based on Kalman filtering algorithm with moving window weather and load model, *Electric Power Systems Research*, 68(1), pp.47–59.
- Alfares, H.K. dan Nazeeruddin, M., 2002, Electric load forecasting: Literature survey and classification of methods, *International Journal of Systems Science*, 33(1), pp.23–34.
- Almeshaei, E. dan Soltan, H., 2011, A Methodology for Electric Power Load Forecasting, *Alexandria Engineering Journal*, 50(2), pp.137–144.
- Annamareddi, S., Gopinathan, S. dan Dora, B., 2013. A Simple Hybrid Model for Short-Term Load Forecasting, *Journal of Engineering*, 2013, pp.1–7.
- Box, G. E. P. dan Jenkins, G. M., 1971. Time Series Analysis Forecasting and Control, *D. J. Bartholomew Operational Research*, Quarterly (1970-1977), Vol 22, pp.199–201.
- Buhari, M. dan Adamu, S. S., 2012, Short-Term Load Forecasting Using Artificial Neural Network, *Proceedings of the International Multi Conference of Engineers and Computer Scientists*, Volume I.
- Canizares, C. dan Singh, A., 2001, ANN-based short-term load forecasting in electricity markets, *2001 IEEE Power Engineering Society Winter Meeting. Conference Proceedings (Cat. No.01CH37194)*, 2(1), pp.411–415.
- Ceperic, E., Ceperic, V. dan Baric, A., 2013, A Strategy for Short-Term Load Forecasting by Support Vector Regression Machines, *IEEE Transactions on Power Systems*, pp.1–9.
- Chen, B. J., Chang, M. W. dan Lin, C. J., 2004, Machines : A Study on EUNITE Competition 2001, *IEEE Transactions on Power Systems*, 19, pp.1821–1830.
- Dai, W. dan Wang, P., 2007, Application of Pattern Recognition and Artificial Neural Network to Load Forecasting in Electric Power System, *Third International Conference on Natural Computation (ICNC 2007)*, (Icnc), pp.381–385.



- Deoras, A., 2010, Electricity Load and Price Forecasting with MATLAB. *Matlab Webinar*.
- Fay, D., Ringwood, J. V., Condon, M. dan Kellyc, M., 2003, 24-H Electrical Load Data — a Sequential or Partitioned Time Series?, *Neurocomputing*, 55(3-4), pp.469–498.
- Feinberg, E.A. dan Genethliou, D., 2005, Load Forecasting, *In Applied Mathematics for Power Systems*, Springer US, pp. 269–285.
- Ge, C., Wang, L. dan Wang, H., 2013, Power System Short-Term Load Forecasting Based on Fuzzy Neural Network, *Research Journal of Applied Sciences, Engineering and Technology*, 6(16), pp.2972–2975.
- Gratz, J., Ask A Weatherman: How Does Elevation Affect Temperature? - OnTheSnow. <http://www.onthesnow.com/news/a/15157/ask-a-weatherman-how-does-elevation-affect-temperature->, diakses 24 Januari 2016.
- Ismail, Z. dan Mansor, R., 2011, Fuzzy Logic Approach for Forecasting Half-hourly Malaysia Electricity, *International Institute of Forecasters (ISF) 2011 Proceedings*.
- Jain, A. dan Satish, B., 2009, Clustering based Short Term Load Forecasting using Artificial Neural Network, *Proceedings of 2009 IEEE PES Power Systems Conference Exposition (PSCE)*, March.
- Jain, A., Srinivas, E. dan Rauta, R., 2009, Short Term Load Forecasting using Fuzzy Adaptive Inference and Similarity by Short Term Load Forecasting using Fuzzy Adaptive Inference and Similarity, *Nature Biologically Inspired Computing (NaBIC 2009)*, December.
- Jyothi, M. N., Dinakar, V., Teja, R. N. S. S. dan Kishore, N. K., 2015. NARX Based Short Term Wind Power Forecasting Model, *TELKOMNIKA Indonesian Journal of Electrical Engineering*, 15(1), pp.20–25.
- Kanth, R. V dan Marutheswar, G. V., 2013, Distribution System Short-Term Load & Frequency Forecasting (STLFF) for Optimal UI Charges : A Neural-Wavelet based Approach, *International Journal of Application or Innovation in Engineering & Management (IJAIEM)*, 2(7), pp.142–147.
- Karney, C. F. F., 2011. Transverse Mercator with an accuracy of a few nanometers, *Journal of Geodesy*, 85(8), pp.475–485.
- Kaur, A., 2013, Load forecasting, *CSE 291 - Smart Grid Seminar*, <http://www.caiso.com/outlook/SystemStatus.html>, diakses 22 September 2016



- Mandal, P., Senjyu, T., Urasaki, N. dan Funabashi, T., 2006, A neural network based several-hour-ahead electric load forecasting using similar days approach, *International Journal of Electrical Power & Energy Systems*, 28(6), pp.367–373.
- Marin, F. J., Garcia-Lagos, F., Joya, G. dan Sandoval, F., 2002, Global model for short-term load forecasting using artificial neural networks, *IEEE Proceedings - Generation, Transmission and Distribution*, 149(2), p.121.
- Mastorocostas, P., Theocharis, J. B., Kiartzis, S. J. dan Bakirtzis, A. G., 2000, A hybrid fuzzy modeling method for short-term load forecasting, *Mathematics and Computers in Simulation*, 51(3-4), pp.221–232.
- McMenamin, J. S., 2006. Why Not Pi? A Primer on Neural Networks for Forecasting, *Power*, (November), pp.1–20.
- Meng, M., Niu, D. dan Sun, W., 2011, Forecasting Monthly Electric Energy Consumption Using Feature Extraction, *Energies*, 4(12), pp.1495–1507.
- Nataraja, C., Gorawar, M. B., Shilpa, G. N. dan Shri Harsha, J., 2012, Short Term Load Forecasting Using Time Series Analysis: A Case Study for Karnataka, India, *International Journal of Engineering Science and Innovative Technology (IJESIT)*, 1(2), pp.45–53.
- Othman, M. M. dan Musirin, I., 2012, Short Term Load Forecasting Using Artificial Neural Network with Feature Extraction Method and Stationary Output, *Power Engineering and Optimization Conference (PEDCO)*, Melaka, Malaysia, 2012 Ieee International, (June), pp.6–7.
- Patel, D. P., Prof, A. dan Dubey, V., 2013, An Analysis of Short Term Load Forecasting by Using Time Series Analysis, *International Journal of Research in Computer and Communication Technology*, 2(2), pp. 48–53.
- Rawat, S. K. dan Massiha, G. H., 2015. Hardware Implementation of FIR Neural Network for Applications in Time Series Data Prediction, *TELKOMNIKA Indonesian Journal of Electrical Engineering*, 14(1), pp.130–139.
- Razak, F. A., Shitan, M. dan Hashim, A. H., 2008, Load Forecasting Using Time Series Models 1, *Jurnal Kejuruteraan*, 21 (2009): 51-62.
- Reis, A. J. R., Alves, A. P. dan Member, S., 2005, Feature Extraction via Multiresolution Analysis for Short-Term Load Forecasting, *IEEE Transactions on Power Systems*, 20(1), pp.189–198.
- Rosadi, D., 2011, *Pengantar Analisis Runtun Waktu*, Buku Ajar Perkuliahan, Program Studi Statistika, FMIPA UGM Yogyakarta.



- Rothe, J. P., 2009, Short Term Load Forecasting Using Multi Parameter Regression, (*IJCSIS*) *International Journal of Computer Science and Information Security*, 6(2), pp.303–306.
- Rui, Y. dan El-Keib, A. A., 1995, A Review of ANN-based Short-Term Load Forecasting Models The BP network structures, *System Theory*, 1995., *Proceedings of the Twenty-Seventh Southeastern Symposium*, pp.78–82.
- Samarasinghe, S., 2006. Neural Network for Applied Sciences and Engineering, *Journal of Chemical Information and Modeling*, 53(9), pp.1689–1699.
- Santos, P. J., Martins, A. G., Pires, A. J., Martins, J. F. dan Mendes, R. V., 2004, Short-Term Load Forecast Using Trend Information and Process Reconstruction, *International Journal of Energy Research*, 30(10), pp.1–10.
- Sheikh, S. K. dan Unde, M. G., 2012, Short-Term Load Forecasting Using ANN Technique, *International Journal of Engineering Sciences & Emerging Technologies*, 1(2), pp.97–107.
- Srinivasan, D. dan Lee, M. A., 1995, Survey of Hybrid Fuzzy Neural Approaches to Electric Load Berkeley Initiative in Soft Computing. Systems, Man and Cybernetics, Intelligent Systems for the 21st Century, *IEEE International Conference*, 5, pp.4004–4008.
- Sumarauw, S. J. A., Subanar, Winarko, E. dan Wardoyo, R., 2016, Weighting Customer's Data For More Accurate Short-Term Load Forecast, *Journal of Theoretical and Applied Information Technology*, 90(2).
- Yang, Y., Meng, Y., Xia, Y., Lu, Y. dan Yu, H., 2011, An Efficient Approach for Short Term Load Forecasting, *Proceedings of the International MultiConference of Engineers and Computer Scientists*.
- Yu, H. dan Wilamowski, B. M., 2016, *Levenberg–Marquardt Training*, In *Intelligent System*. CRC Press, p. 16.