

- analysis and cascade-correlation neural networks. European Wind Energy Conference and Exhibition (EWEC), Marseille, France.
- [12] Potter, C.W., Negnevitsky, M. (2006). Very short-term wind forecasting for Tasmanian power generation. *IEEE Transactions on Power Systems*, 21(2): 965-972. <https://doi.org/10.1109/TPWRS.2006.873421>
- [13] Ferreira, M., Santos, A., Lucio, P. (2019). Short-term forecast of wind speed through mathematical models. *Energy Reports*, 5: 1172-1184. <https://doi.org/10.1016/j.egy.2019.05.007>
- [14] Kaur, T., Kumar, S., Segal, R. (2016). Application of artificial neural network for short term wind speed forecasting. *International Conference on Power and Energy Systems*, Bangalore, India. <https://doi.org/10.1109/PESTSE.2016.7516458>
- [15] Monfet, D., Arkhipova, E., Choinière, D. (2013). Evaluation of a case-based reasoning energy prediction tool for commercial buildings. *Proceedings of the 13th International Conference for Enhanced Building Operations*, Montreal, Quebec. <http://hdl.handle.net/1969.1/151419>
- [16] Meng, A., Ge, J., Yin, H., Chen, S. (2016). Wind speed forecasting based on wavelet packet decomposition and artificial neural networks trained by crisscross optimization algorithm. *Energy Conversion and Management*, 114: 75-88. <http://doi.org/10.1016/j.enconman.2016.02.013>
- [17] Liu, D., Niu, D.X., Wang, H., Fan, L.L. (2014). Short-term wind speed forecasting using wavelet transform and support vector machines optimized by genetic algorithm. *Renewable Energy*, 62: 592-597. <http://doi.org/10.1016/j.renene.2013.08.011>
- [18] Mandal, P., Zareipour, H., Rosehart, W.D. (2014). Forecasting aggregated wind power production of multiple wind farms using hybrid wavelet PSO-NNs. *International Journal of Energy Research*, 38: 1654-1666. <https://doi.org/10.1002/er.3171>
- [19] Prema, V., Rao, K.U., Jnaneswar., B.S., Badarish., C.A., Ashok., P.S., Agarwal, S. (2016). Application of hybrid neuro-wavelet models for effective prediction of wind speed. *Intelligent Systems Technologies and Applications*, Springer International Publishing Switzerland, 384: 345-354. https://doi.org/10.1007/978-3-319-23036-8_30
- [20] Rocha Reis, A.J., Alves da Silva, A.P. (2005). Feature extraction via multiresolution analysis for, short-term load forecasting. *IEEE Transactions on Power Systems*, 20(1): 189-198. <https://dx.doi.org/10.1109/TPWRS.2004.840380>
- [21] Amjady, N., Keynia, F. (2009). Short-term load forecasting of power systems by combination of wavelet transform and neuro-evolutionary algorithm. *Energy*, 34(1): 46-57. <https://doi.org/10.1016/j.energy.2008.09.020>
- [22] Amjady, N., Keynia, F. (2008). Day ahead price forecasting of electricity markets by a mixed data model and hybrid forecast method. *International Journal of Electrical Power & Energy Systems*, 30(9): 533-546. <https://doi.org/10.1016/j.ijepes.2008.06.001>
- [23] Catalao, J.P.S., Pousinho, H.M.I., Mendes, V.M.F. (2011). Hybrid wavelet-PSO-ANFIS approach for short-term electricity prices forecasting. *IEEE Transactions on Power Systems*, 26(1): 137-144. <https://doi.org/10.1109/TPWRS.2010.2049385>
- [24] Catalão, J.P.S., Pousinho, H.M.I., Mendes, V.M.F. (2011). Short-term wind power forecasting in Portugal by neural networks and wavelet transform. *Renewable Energy*, 36: 1245-1251. <https://doi.org/10.1016/j.renene.2010.09.016>
- [25] Ma, Y.J., Zhai, M.Y. (2019). A dual-step integrated machine learning model for 24h-ahead wind energy generation prediction based on actual measurement data and environmental factors. *Applied Sciences*, 9: 2125. <https://doi.org/10.3390/app9102125>
- [26] Addison, S.P. (2017). *The Illustrated Wavelet Transform Handbook: Introductory Theory and Applications in Science, Engineering, Medicine and Finance*, by Taylor & Francis Group, CRC Press. ISBN: 9781315372556. <https://doi.org/10.1201/9781315372556>
- [27] Yan, R.Q., Gao, R.X., Chen, X.F. (2014). Wavelets for fault diagnosis of rotary machines: A review with applications, *Signal Processing*, 96(part A): 1-15. <http://doi.org/10.1016/j.sigpro.2013.04.015>
- [28] https://rp5.ru/Weather_archive_in_Sidi_Bou_Zid, accessed on 9 October 2019.