

## DAFTAR PUSTAKA

- [1] V. D'Alessandro, S. Montelpare, R. Ricci, and A. Secchiaroli, "Unsteady Aerodynamics of a Savonius wind rotor: a new computational approach for the simulation of energy performance," *Energy*, vol. 35, no. 8, pp. 3349–3363, 2010, doi: <https://doi.org/10.1016/j.energy.2010.04.021>.
- [2] S. Roy and U. K. Saha, "Review on the numerical investigations into the design and development of Savonius wind rotors," *Renew. Sustain. Energy Rev.*, vol. 24, pp. 73–83, 2013.
- [3] S. Roy and U. K. Saha, "Wind tunnel experiments of a newly developed two-bladed Savonius-style wind turbine," *Appl. Energy*, vol. 137, pp. 117–125, 2015.
- [4] B. Yang and C. Lawn, "Fluid dynamic performance of a vertical axis turbine for tidal currents," *Renew. Energy*, vol. 36, no. 12, pp. 3355–3366, 2011.
- [5] Widyatama, "Bab ii dasar teori 2.1," *Pengaruh Perlakuan Panas Dan Penuaan*, pp. 5–18, 1998.
- [6] R. M. Amsor and R. Iskandar, "Performansi Turbin Angin Poros Vertikal Tipe Savonius 2 Tingkat Untuk Pengisian Baterai Sebagai Penerangan Lampu Perahu Nelayan Kota Padang," *Met. J. Sist. Mek. dan Termal*, vol. 1, no. 1, pp. 9–19, 2017.
- [7] M. H. Ali, "Experimental comparison study for Savonius wind turbine of two & three blades at low wind speed," *Int. J. Mod. Eng. Res.*, vol. 3, no. 5, pp. 2978–2986, 2013.
- [8] M. L. Budihartono and T. Y. Yuwono, "Studi Eksperimen Peningkatan Kinerja Turbin Angin Savonius dengan Penempatan Silinder Sirkular di Depan Returning Blade Turbin Pada Jarak S/D= 2, 4," *J. Tek. ITS (SINTA 4, IF 1.1815)*, vol. 9, no. 2, pp. B85–B90, 2021.
- [9] M. Amiri, A. R. Teymourtash, and M. Kahrom, "Experimental and numerical investigations on the aerodynamic performance of a pivoted Savonius wind turbine," *Proc. Inst. Mech. Eng. Part A J. Power Energy*, vol. 231, no. 2, pp. 87–101, 2017.
- [10] M. Amiri, M. Kahrom, and A. R. Teymourtash, "Aerodynamic analysis of a three-bladed pivoted savonius wind turbine: wind tunnel testing and

- numerical simulation,” *J. Appl. Fluid Mech.*, vol. 12, no. 3, pp. 819–829, 2019.
- [11] E. Hau, *Wind turbines: fundamentals, technologies, application, economics*. Springer Science & Business Media, 2013.
- [12] F. Aryanto, M. Mara, and M. Nuarsa, “Pengaruh kecepatan angin dan variasi jumlah suku terhadap unjuk kerja turbin angin poros horizontal,” *Din. Tek. Mesin*, vol. 3, no. 1, 2013.
- [13] M. Fadhil, “PENGARUH SUDUT SERANG TERHADAP KINERJA TURBIN ANGIN HELIKS GORLOV DENGAN PENAMBAHAN CURVEPLATE,” *Sainteknol J. Sains dan Teknol.*, vol. 18, no. 1, pp. 20–35, 2020.
- [14] F. M. White, *Fluid mechanics*. New York, 1990.

