

## DAFTAR PUSTAKA

### www.itk.ac.id

- ANSYS, (2013). "ANSYS FLUENT Theory Guide", United States: ANSYS, Inc.
- Akwa J.V., Júnior G.A.S, Petry A.P, (2012). "Discussion on the Verification of the Overlap Ratio Influence on Performance Coefficients of a Savonius Wind Rotor Using Computational Fluid Dynamics", Renewable Energy Vol. 38, pp.141–149.
- Al-Maaitah, Ayman A. (1992). "The Design of The Banki Wind Turbine and It's Testing In Real Wind Condition". Renewable Energy; Vol.3, No. 6/7, pp. 781-786.
- Brusca, S. R. Dkk., (2014), "Design of a vertical-axis wind turbine: how the aspect ratio affects the turbine's performance", International Journal Energy Environ Engineering, University of Catani. Catania, Italy.
- Dragomirescu, A. (2011). "Performance Assessment of a Small Wind Turbine with Crossflow Runner by Numerical Simulations". Renewable Energy Vol. 36, pp. 957–965.
- G. Colley., R. Mirsha., H.V. Rao., R. Woolhead., (2009), Effect of rotor blade position on Vertical Axis Wind Turbine performance, International Conference on Renewable Energies and Power Quality (ICREPQ'10).
- Hau, E. (2013). "Wind turbines Fundamentals, Technologies, Application, Economics". Springer Berlin Heidelberg, Berlin.
- Jain, Pramod. (2011). "Wind Energy Engineering", New York: McGraw Hill.
- Jha, A.R, (2011). "Wind Turbine Technologies". CRC Press: Boca Raton, Florida.
- Kawamura, T. (2002). "Numerical Study of the Flow Around the High-torque Wind Turbine of Vertical Axis Type" Computational Fluid Dynamics. 649-654.
- Klemm T, Gabi M, Heraud J.N. (2007). "Application Of a Crossflow Fan As Wind Turbine. Journal of Computational and Applied Mechanics". Vol. 8., No. 2., pp. 123–133.
- Kurniawati, Diniar Mungil. (2018). "Eksperimen Pengaruh Aspect Ratio Diameter Terhadap Tinggi dan Jumlah Sudu Terhadap Performa Turbin Angin

- Crossflow".* Universitas Sebelas Maret: Surakarta.
- Mandis, I.C., Robescu, D.N., Barglzan, M. (2008). "Capitalization of Wind Potential Using a Modified Banki Wind Turbine", UPB Scientifical Bulletin, Vol, pp. 70-4: 115-24.
- Manwell, J.F., McGowan, J.G., Rodgers, A.L. (2011). "Wind Energy Explained". John Wiley & Sons, Inc: New York.
- Matthew, S. (2006). "Wind Energy: Fundamentals, Resource Analysis, and Economics". New York : Springer.
- Natayuda, Gilar., (2017), "Analisa Aerodinamika dan Kinerja Turbin Angin Tipe Sumbu Horizontal menggunakan Computational Fluid Dynamics", Tesis, Universitas Jenderal Achmad Yani: Cimahi.
- Pritchard P.J. (2011). "Introduction to Fluid Mechanics". New York: John Wiley & Sons, Inc.
- Reddy, Y Kumara Swamy., Dkk., (2017), "CFD Analysis of Three Bladed H-Rotor of Vertikal Axis Wind Turbine", International Research Journal Of Engineering Technolog, SVR College of Engineering: Nandya.
- Sonneck, E. (1923), "Durchstromturbine", Springer Verlag, Germany.
- Teja, Dananta Putra., (2017), "Studi Numerik Turbin Angin Darrieus-Savonius dengan Penambahan Stage Rotor Darrieus", Skripsi. Institut Teknologi Sepuluh Nopember: Surabaya.
- Wirjohamidjojo., Dkk., (2008), "Praktek Meteorologi Kelautan", Badan Meteorologi dan Geofisika: Jakarta.
- Zhao Z, Zheng Y, Xu X, Liu W, Hu G. (2009). "Research on the Improvement of the Performance of Savonius Rotor Based on Numerical Study. pada: Proceedings of International Conference nn Sustainable Power Generation and Supply (SUPERGEN)" ; p.1–6.siv