

## DAFTAR PUSTAKA

- Akhgari, A., 2007, Experimental Investigation of The Performance of a Diffuser-Augmented Vertical Axis Wind Turbine, University of Tehran
- Beveren, S.C.V., 2008, Design of an Urban Wind Turbine With Diffuser, Faculty of Aerospace Engineering, Delft University of Technology
- Carrigan, T.J., Dennis, B.H., Han, Z.X., Wang, B.P., 2012, Aerodynamic Shape Optimization of a Vertical-Axis Wind Turbine Using Differential Evolution, *International Scholarly Research Network*, ISRN Renewable Energy, Volume 2012
- Çengel, Y.A., 2006, Thermodynamics: An Engineering Approach, 5th ed, McGraw-Hill
- DeVisser, K., Labanowski, M., Rich, D., 2010, Blowing Away Wind Power, Design Project Final Report, Group 7
- Dorst, F.A.V., 2011, An Improved Rotor Design for a Diffuser Augmented Wind Turbine, Wind Energy Research Group, Faculty of Aerospace Engineering, Delft University of Technology
- Fluent 6.3 User Guide, September 2006
- Hartwanger, D., Horvat, A., 2008, 3D Modelling of a Wind Turbine Using CFD, *NAFEMS Conference*, United Kingdom
- Hau, E., 2006, Wind Turbine (Fundamental, Technologies, Applications, Economics), Physical Principle of Wind Energy Conversion, 2nd ed, Springer-Verlag Berlin Heidelberg, Germany
- Howell, R., Qin, N., Edwards, J., Durrani, N., 2010, Wind Tunnel and Numerical Study of a Small Vertical Axis Wind Turbine, *White Rose Research*, Renewable Energy, 35(2), pp.412-422
- <http://loopwing.co.jp> accessed on 17 Nov. 2012
- Manwell, J.F., McGowan, J.G., Rogers, A.L., 2009, Wind Energy Explained (Theory, Design, and Application Second Edition), John Wiley & Sons, Ltd, United Kingdom

- Ohya, Y., Karasudani, T., Sakurai, A., Abe, K., Inoue, M., 2008, Development of a shrouded wind turbine with a flanged diffuser, *Journal of Wind Engineering and Industrial Aerodynamics* 96, pp. 524-539
- Phillips, D.G., 2003, An Investigation on Diffuser Augmented wind Turbine Design, Department of Mechanical Engineering, School of Engineering, The University of Auckland
- Prismantoko, A., 2012, Studi Eksperimental Pengaruh Ketebalan Sudu Terhadap Unjuk Kerja Turbin Angin Bersudu Loopwing, Program Studi Teknik Mesin, Jurusan Teknik Mesin dan Industri, Fakultas Teknik, Universitas Gadjah Mada
- PT PLN (Persero), 2011, Laporan Tahunan, Annual Report, PT PLN
- Punama, D.I., 2011, Simulasi Numerik Pengaruh Drag Model Terhadap Karakteristik Bubbles pada Bubbling Fluidized Bed, Program Studi Teknik Mesin, Jurusan Teknik Mesin dan Industri, Fakultas Teknik, Universitas Gadjah Mada
- Takahashi, S., Ohya, Y., Karasudani, T., Watanabe, K., 2006, Numerical and Experimental Studies of Airfoils Suitable for Vertical Axis Wind Turbines and an Application of Wind-Energy Collecting Structure for Higher Performance, *The Fourth International Symposium on Computational Wind Engineering (CWE2006)*, Yokohama
- Tuakia, F., 2008, Dasar-dasar CFD Menggunakan Fluent, Informatika, Bandung.
- Wang, S.H., Chen, S.H., 2009, The Study of Interference Effect for Cascaded Diffuser Augmented Wind Turbines, *The Seventh Asia-Pacific Conference on Wind Engineering*, November 8-12, 2009, Taipei, Taiwan
- Wicaksono, A.K., 2012, Studi Eksperimental Perbandingan Unjuk Kerja Turbin Angin Sumbu Horizontal Bersudu Loopwing Dengan Bersudu Airfoil, Program Studi Teknik Mesin, Jurusan Teknik Mesin dan Industri, Fakultas Teknik, Universitas Gadjah Mada
- WWEA, 2012, World Wind Energy Report 2011, World Wind Energy Association WWEA 2012, Germany