UNIVERSITAS
GADJAH MADA
SIMULASI NUMERIK TURBIN GORLOV DAN TURBIN ARCHAD MENGGUNAKAN CFD FLUENT
Anom Kurniawan Putra, Simulasi Numerik, Helical Turbine, Turbin Archad, Turbin Gorlov
Universitas Gadjah Mada, 2010 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Alexander, K.V., Giddens, E.P., and Fuller, A.M., 2008. *Axial-Flow Turbines For Low Head Mycrohydro Systems.* Renewable Energy 34 (2009) 35-47.

Antheaume, S., Maitre T., and Archad, Jean-Luc, 2007. *Hydraulic Darrieus Turbines Efficiency For Free Fluid Flow Conditions Versus Power Farms Conditions.* Renewable Energy 33 (2008) 2186-2198.

Antheaume, S., Maitre T., and Archad, Jean-Luc, 2007. *An Innovation Modelling Approach To Investigate The Efficiency Of Cross Flow Water Turbine Farms.* 2nd IAHR International Meeting of the Workgroup on Cavitation and Dynamic Problems in Hydraulic Machinery and Systems Timisoara, Romania October 24-26, 2007.

Bernard, S., Georgescu, A., Sanda-Carmen, Susan-Resiga, Romeo, and Anton, Joan. 2008. *Flow Investigation in Archad Turbin.* Proceedings of The Romanian Academy, Series A, Volume 9, Number 2/2008.

Betz, A. 1919. *Das Maximum der Theoretisch Moglichen Ausnutzung des Windes durc Windmotoren*. Zeitscrift fitr das gas ante Turbinenwensen.

Fluent Inc., 2003.

Georgescu, Andrei-Mugur, Sanda-Carmen, Degeratu, M., Bernard, S.I., and Cosoiu, C.L., 2007. *Numerical Modelling Comparison Between Airflow And Waterflow Within the Archad Type Turbine.* 2nd IAHR International Meeting of the Workgroup on Cavitation and Dynamic Problems in Hydraulic Machinery and Systems Timisoara, Romania October 24-26, 2007.

Georgescu, Andrei-Mugur, Sanda-Carmen, Bernard, S.I., and Safta, C.A., 2007. *Comsol Multiphysics 2d Flow Within The Archad Type Turbine.* CEEX 2007 Conference

Gorban A.N., Gorlov, A.M., and Silantyev, V.M., 2001. *Limits of The Turbine Efficiency for Free Fluid Flow.* Journal Energy Recources Technology, Vol.123, pp:311-317.

Lanzafame, R., Messina, M., 2007. *Fluid dynamics wind turbine design : Critical analysis, optimization and application of BEM theory.* Renewable Energy 32 (2007) 2291-2305

UNIVERSITAS
GADJAH MADA
SIMULASI NUMERIK TURBIN GORLOV DAN TURBIN ARCHAD MENGGUNAKAN CFD FLUENT
Anom Kurniawan Putra, Simulasi Numerik, Helical Turbine, Turbin Archad, Turbin Gorlov
Universitas Gadjah Mada, 2010 | Diunduh dari http://etd.repository.ugm.ac.id/

Maitre, Thierry, Archad, Jean-Luc, Guittet, Lida, and Plosteanu, Cristina, 2005. *Marine Turbine Development: Numerical and Experimental Investigation*. Fascicola

Munson, B.R., Young, D.F, dan Okishi, T.H., 2005. *Mekanika Fluida jilid II Edisi 4.* Erlangga, Jakarta

Zulkifli, M. 2009. *Rancang Bangun Turbin Gorlov Pada Aliran Head Rendah*. Tesis, Magister Sistem Teknik, UGM, Yogyakarta.

Sukamto, 2008. *Mesin-mesin Sinkron*. Yogyakarta. Andi Offset.

Triatmojo, B. 1993. *Hidraulika II*, BETA OFFSET, Yogyakarta.

Tuakia, Firman. 2004, *Dasar-dasar Menggunakan CFD Fluent*, Informatika, Bandung.

Tuakia, Firman. 2004, *Pemodelan CAD 3D Menggunakan Autodesk Inventor*, Informatika, Bandung.

Sarlito, A. 2009. *Studi Aplikasi Turbin Archad Sebagai Pembangkit Listrik Tenaga Mikrohidro (PLTMH) Memanfaatkan Energi Arus Aliran.* Tesis, Magister Sistem Teknik, UGM, Yogyakarta.

Shiono, M., Suzuki, K., and Kiho, S., 2002. *Output Characteristic of Darrieus Water Turbine with Helical Blades for Tidal Current Generation.* Proceedings of the Twelfth (2002) International Offshore and Polar Engineers Conference, pp 859-864.