

DAFTAR PUSTAKA

- Abduljalil, S. A., 2012, *Investigation of Thermoacoustic Processes in A Travelling Wave Looped-Tube Thermoacoustic Engine*, Universitas Manchester, Inggris.
- Chen, B., Yousif, A. A., Riley, P. H., dan Hann, D. B., 2012, *Development and Assessment of Thermoacoustic Generators Operating by Waste Heat from Cooking Stove*, Universitas Nottingham, United Kingdom.
- Fadli, N. M. N., 2016, Studi Eksperimental Pengaruh Variasi Beberapa Parameter Terhadap Penurunan Suhu pada Piranti Pendingin Termoaustik Tipe Gelombang Berjalan, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta, Indonesia.
- Garret, S. L., 1993, *Thermoacoustic Refrigerator Physics Departement and Space System Academic Group Naval Postgraduate School*, Monterey, Belanda.
- Garrett, S. L., 2004. Resource letter: TA-1: Thermoacoustic engines and refrigerators. *American Journal of Physics* 72(1), 11-17.
- Giancoli, D. C., 2005, *Physics: Principles with Applications 6th edition*, Lexington, U.S.A.
- Hamidi, A., 2015, Studi Eksperimen Tentang Pengaruh Lokasi *Regenerator*, Frekuensi Bunyi, dan Daya Listrik Masukan Terhadap Unjuk Kerja Pendingin Termoaustik Gelombang Berjalan, *Skripsi*, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta, Indonesia.
- Hirose, A., dan Longren, K. E., 1985, *Introduction to Wave Phenomena*, Wiley-interscience pub.
- Jacobs, J.C.B., 2014, *Design, Construction and Experimental Observation of A Thermoacoustic Prime Mover*, Universitas Teknologi Delft, Belanda.
- Murti, P., 2015, Studi Eksperimental Pengaruh Jejari Hidrolik dan Panjang Stack Terhadap Kinerja Prime Mover Termoaustik Gelombang Berdiri, *Thesis*, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta, Indonesia.
- Izang, C., 2014, *Study of A Liquid-Piston Travelling-Wave Thermoacoustic Heat Engine with Different Working Gases*, *The Technical Institute of Physics and Chemistry of The Chinese Academy of Sciences (TIPCCAS)*, Beijing, Cina.
- In't Panhuis, P. H. M. W., 2009, *Mathematical Aspect of Thermoacoustics*, *Thesis*, Universitas Teknik Eindhoven, Jerman.

- Rijke, P. L., 1859, *On The Vibration of The Air in A Tube Open at Both Ends*, *Philosophical Magazine*, vol. 17, halaman 419-422.
- Rott, N., 1980, *Thermoacoustic*, *Advances in Applied Mechanics*, vol. 20, halaman 135-175, *Academic Press inc*.
- Wakeland, R. W., 2000, Use of Electrodynamic Drivers in Thermoacoustic Refrigerators, *J. Acous. Soc. Am.* 107, 827-832.
- Saechan, P., 2014, *Applicaion of Thermoacoustic Technologies for Meeting The Refrigeration Needs of Remote and Rural Communities in Developing Countries*, Universitas Leicester, Jerman.
- Sakamoto, S., dan Watanabe, Y., 2006, *Experimental Study on Resonance Frequency of Loop-Tube-Type Thermoacoustic Cooling System*, *Acous. Sci & Tech.* 27, 6
- Setiawan, I., Murti, P., Utomo, B. S., Achmadin, W. N., dan Nohtomi, M., 2015, Pembuatan dan Pengujian Prime Mover Termoakustik Tipe Gelombang Tegak, Prosiding Seminar Nasional Tahunan Teknik Mesin (SNTTM) XIV, Banjarmasin 7-8 Oktober 2015.
- Setiawan, I., Murti, P., Utomo, B. S., Achmadin, W. N., dan Nohtomi, M., 2016, *Experimental Study on a Standing Wave Thermoacoustic Prime Mover with Air as Working Gas at Various Pressures*, *J. Phys.: Conf. Ser.* 710 012031
- Sondhauss, K., 1850, *On Acoustic Oscillatons of The Air in Heated Glass Tubes and in Closed Pipes of Non-Uniform Width*, *Pogendorff's Analen der Physik und Chernie*, vol. 79, halaman 1-34.
- Swift, G. W., 1998, Thermoacoustic Engines, *J. Acous. Soc. Am* , vol. 84, halaman 1145-1180.
- Swift, G., 2001, *A Unifying Perspective for Some Engines and Refrigerator, Condensed Matter and Themal Physics Group Los Alamos National Laboratory*.
- Tijani, M. E. H, Zeegars, J. C. H. dan Waele, T. A. M., 2001, The Optimal Stack Spacing for Thermoacoustic Refrigerator, *J. Acous. Soc. Am* vol. 112 halaman 128-130.
- Tipler, A. P., dan Mosca, G., 2008, *Physics fo Scientist and Engineers 6th edition*, W. H. Freeman dan perusahaan, New York.
- Ueda, Y., Kato, T., dan Kato, C., 2009 *Experimental evaluation of the acoustic properties of stacked-screen regenerators*, *J. Acoust. Soc Am*, vol. 125 halaman 780-786

Yang, R., Jin, T., Wang, Y., Liu, Y., Feng, Y., dan Tang, K, 2016, *Study on A Looped Thermoacoustic Prime Mover with A Compliance Tube*, Universitas Zhejiang, Cina.

Penelitian ini dilakukan di Laboratorium Fisika Atom dan Inti, Departemen Fisika, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Gadjah Mada, Yogyakarta.