DAFTAR PUSTAKA

Agnihotri, Nikhil. 2012. *DTMF (Dual Tone Multi Frequency)* dalam http://www.engineersgarage.com/tutorials/dtmf-dual-tone-multiple-frequency. Tanggal akses 22 September 2014

Aki and Richard, 1980. *Quantitative Seismology*. Blackwell Publishing.

Apolloni, Bruno, Harpri.2003. *Neural Nets*. Springer-Verlag

Baecker, Ronald M, Jonathan Grudin, William A. X. Buxton, Saul Greenberg 1995. *Human-Computer Interaction : Toward the Year 2000 (Second Edition)*. Morgan Kauffman Publishers, Inc.

Banks, Kevin. 2002. *The Goertzel Algorithm* dalam http://www.embedded.com/Home/PrintView?contentItemId=4024443. Tanggal Akses 3 Maret 2015.

Benesty, Jacob, M. Mohan Sondhi, dan Yiteng Huang (2008). *Handbook of Speech Processing*. Springer-Verlag

Bores. 1998. *Introduction to DSP – basics – What is DSP?* Dalam http://www.bores.com/courses/intro/basics/1_whatis.htm. Tanggal akses 1 Februari 2015

Boretz, Benjamin (1995) *Meta-Variations: Studies in the Foundations of Musical Thought*. Red Hook, New York: Open Space.

Broughton, S.A.; Bryan, K. (2008). *Discrete Fourier Analysis and Wavelets: Applications to Signal and Image Processing.* New York: Wiley.

64

Business Dictionary. Tanpa tahun. *Speech Recognition* dalam http://www.businessdictionary.com/definition/speech-recognition.html. Tanggal Akses 26 April 2015.

Chen, Chiouguey J., 1996, *Modified Goertzel Algorithm in DTMF Detection Using the TMS320C80 DSP* , Application Report, SPRA066, Texas Instrument

Ciampa, Mark. 2009. *CompTIA Security+ 2008 in depth. Australia* ; United States: Course Technology/Cengage Learning. p. 290.

Cormen, Thomas.A., et al. 2001. *Introduction to Algorithm 2nd ed*. MIT Press

Dalmoun, Naim. 2004. *Chapter 17 - Goertzel Algorithm* dalam http://www.ti.com/ww/cn/uprogram/share/ppt/c6000/Chapter17.ppt. Tanggal Akses 26 September 2014

Elmenreich,Wilfried. 2011. *Efficiently Detecting a Frequency Using a Goertzel Filter* dalam http://netwerkt.wordpress.com/2011/08/25/goertzel-filter/

Encrypt. Tanpa Tahun. *MD5 (Message-Digest algorithm 5).* dalam http://www.encrypt.ro/cryptography/md5-message-digest-algorithm-5.html

Evans, Brian L. Tanpa Tahun. *Goertzel Algorithm* dalam http://ptolemy.eecs.berkeley.edu/papers/96/dtmf_ict/www/node3.html. Tanggal akses 25 Maret 2015

Flannery; Teukolsky; Vetterling, 2007, *Numerical Recipes, The Art of Scientific Computing*, Cambridge, Cambridge University Press

GarageLab, *How To Use: Tone Function - Arduino Playing The James Bond Theme* dalam http://garagelab.com/. Tanggal akses 2 Oktober 2014

Goertzel, G., *"An Algorithm for the Evaluation of Finite Trigonometric Series"*, *American Mathematical Monthly* 65 (1) , Januari 1958, 34 – 35, doi:10.2307/2310304. Database Online. Tgl Akses 25 Agustus 2014

Haitsma, J & Kalker, T. 2002. *A Highly Robust Audio Fingerprinting System. Proceedings of the International Symposium on Music Information Retrieval (ISMIR)*. pp. 107-115.

Indigo Consulting Ltd. 2008. *Algorithms - The Goertzel Algorithm*, dalam http://www.numerix-dsp.com/goertzel.html

Izotope. 2015. *What is Buffer Size and why is it important?*. Dalam https://www.izotope.com/support/kb/index.php/kb/article/503-What_is_Buffer_Size_and_why_is_it_important

Jelinek, Frederick (1997). *Statistical Methods For Speech Recognition* .Massachusetts Institute of Technology

Jovanovic, Jovan.2014. *Shazam it! Music Processing, Fingerprinting, and Recognition* .Dalam http://www.toptal.com/algorithms/shazam-it-music-processing-fingerprinting-and-recognition. Tanggal akses 22 Februari 2014

King, Martin. 2008. *Penerapan FFT dan Hash Function untuk Mengetahui Data Musik dan Lagu*. Skripsi. Tangerang:Universitas Pelita Harapan

Lecroq, Thierry Charras, Christian. 2004. *Handbook of Exact String Matching Algorithms*. London:King's College Publications.

Lee, Y. W.; Cheatham, T. P., Jr.; Wiesner, J. B. (1950). *"Application of Correlation Analysis to the Detection of Periodic Signals in Noise"*. Proceedings of the IRE 38 (10): 1165–1171.

66

Lingsoft. Tanpa tahun. *Lingsoft Speech Recognizer* dalam http://www.lingsoft.fi/en/118. Tanggal akses 26 Oktober 2014.

Lumenvox. Tanpa Tahun. *History of Speech Recognition*. Dalam http://www.lumenvox.com/resources/tips/historyOfSpeechRecognition.aspx . Tanggal akses 26 November 2014.

Lyons, Richard. 2012. *Single Tone Detection with the Goertzel Algorithm* .Dalam http://www.embedded.com/design/real-world-applications/4401754/Single-tone-detection-with-the-Goertzel-algorithm

Lyons, Richard G. 2010. *Understanding Digital Signal Processing (Third Edition).* New Jersey:Prentice Hall.

Margrave G. et al.Tanpa Tahun. *Consortium for Research in Elastic Wave Exploration Seismology*, The University of Calgary

Mock, P. ,*"Add DTMF Generation and Decoding to DSP-μP Designs"*, *EDN*, ISSN 0012-7515,1989. Tanggal Akses 25 Agustus 2014

Movellan, Javier R. 2009. *Primer on the Fourier Transform* dalam mplab.ucsd.edu/tutorials/. Tanggal akses 23 Desember 2014

Ngoen, Thompson,S. 2004. *Pengantar Algoritma dengan bahasa C*. Jakarta: Salemba Empat.

Oliver, William. 2003. *Chirp z-Transform*, dalam http://feynman.stanford.edu/people/Oliver_www/singhtml/node44.html

Prabancono,Puthut. 2008. *Fungsi Hash Kriptografis* dalam http://informatika.stei.itb.ac.id/~rinaldi.munir/Matdis/2007-2008/Makalah/MakalahIF2153-0. Tanggal akses 4 Januari 2015

Proakis, J. G.;Manolakis, D., G., 1996, *Digital Signal Processing: Principles, Algorithms, and Applications*, Upper Saddle River, NJ: Prentice Hall

Rasyad, Reno. 2013. *Penerapan Pencocokkan String dalam Aplikasi Duolingo.* Makalah. Bandung:Institut Teknologi Bandung

Risal, Muhammad. 2014. *Nada dalam Fisika*, dalam http://www.rumus-fisika.com/2014/01/nada-dalam-fisika.html

Riskedal, Espen. 2002. *Tone Detection with Goertzel.* Dalam http://musicdsp.org/showone.php?id=107

Rivest, R. 1992. *The MD5 Message-Digest Algorithm.* Dalam https://www.ietf.org/rfc/rfc1321.txt

Schmer, Gunter (May 2000), *DTMF Tone Generation and Detection: An Implementation Using the TMS320C54x*, Application Report, SPRA096a, Texas Instrument

Schulzrinne, Henning, 2013, *Explanation of 44.1 kHz CD sampling rate.* dalam http://www.cs.columbia.edu/~hgs/audio/44.1.html. Tanggal akses 25 Maret 2015

Sianturi, Andi H. (2014). *Implementasi Speech Recognition pada Aplikasi Pembelajaran dalam bentuk Permainan Menebak Kata Baku Bahasa Indonesia*. Skripsi. Medan:Universitas Sumatera Utara

Stranneby, Dag. 2004. *Digital Signal Processing and Applications*. Oxford:Newnes.

Surya, Yohanes. 2009. *Getaran dan Gelombang*. Tangerang, PT. Kandel

68

Sysel,Petr and Pavel Rajmic. 2012. *Goertzel algorithm generalized to non-integer multiples of fundamental frequency.* doi:10.1186/1687-6180-2012-56. 6 Maret 2012. Tanggal Akses 25 Agustus 2014

Taft, Jeffrey .2003. *The Chirp Z-Transform Page*, dalam www.nauticom.net/www/jdtaft/czt.htm

Taft, Jeffrey .2003. *The Java Chirp Z-Transform Source Code Page*, dalam www.nauticom.net/www/jdtaft/JavaCZT.htm

Tan, Li dan Jean Jiang. 2013. *Digital Signal Processing: Fundamentals and Applications*. Academic Press.

Tanpa Nama. 2014. *Speech Recognition,* dalam http://www.businessdictionary.com/definition/speech-recognition.html

Vamshi, Chintha. 2008. *An Analysis of Frequency Recognition Algorithms and Implementation in Realtime*. Tesis. Rourkela:National Institute of Technology

Vaseghi, Saeed V. 2008. *Advanced Digital Signal Processing and Noise Reduction Fourth Edition*. John Wiley & Sons.

Waibel, Alex dan Kai-Fu Lee (1990). *Readings in Speech Recognition*. Morgan Kauffman Publishers, Inc.

Wang, Avery Li Chun. Tanpa Tahun. *An Industrial-Strength Audio Search Algorithm* dalam https://www.ee.columbia.edu/~dpwe/papers/Wang03-shazam.pdf. Tanggal akses 2 Februari 2015

Weiss, Mark Allen. 1997. *Data structures and Algorithm Analysis in C*, Addison Wesley Longman,inc.