

DAFTAR PUSTAKA

- Amid, E. & Aghdam, S.R. 2012. Musical Instrument Classification Using Embedded Hidden Markov Models. *International Scholarly and Scientific Research & Innovation* 6(7): 678-683.
- Ardiansyah, M. 2014. Aplikasi Pengenalan Suara Digital Nada Dasar Piano. Skripsi. Universitas Sumatera Utara.
- Bhatt, M. & Patalia, T. 2017. Neural Network Based Indian Folk Dance Song Classification Using MFCC and LPC. *International Journal of Intelligent Engineering and Systems* 10(3) : 173-183.
- Chakraborty, K., Talele, A. & Upadhyaya, S. 2014. Voice Recognition Using MFCC Algorithm. *International Journal of Innovation Research in Advance Engineering (IJIRAE)* 1(10): 158-161.
- Chavan, R.S. & Sable, G.S. 2013. An Overview of Speech Recognition Using HMM. *International Journal of Computer Science and Mobile Computing* 2(6): 233-238.
- Davis, S.B. & Mermelstein, L. 1980. Comparison of Parametric Representations for Monosyllabic Word Recognition in Continuously Spoken Sentences. *IEEE Transaction on Acoustics, Speech and Signal Processing* 28(4): 357-366.
- Dhonde, S.B. & Jagade, S.M. 2015. Mel-Frequency Cepstral Coefficients for Speaker recognition : A Review. *International Journal of Advance Engineering and Reasearch Development* 2(5): 1115-1119.
- Direktorat Jenderal Kebudayaan. 2017. *Wikipedia.org*, 17 Februari 2017 (diakses 17 Februari 2017).
- Fadhlullah, M. 2015. Pengenalan Nada Gitar Dengan Menggunakan Metode *Fast Fourier Transform* (FFT). Skripsi. Universitas Sumatera Utara.
- Fruandta, A. & Buono, A. 2011. Identifikasi Campuran Nada Pada Suara Piano Menggunakan Codebook. *Prosiding Seminar Nasional Aplikasi Teknologi Informasi 2011*, pp. G-8 - G-13.
- Ghosal, A., Chakraborty, R., Dhara, B.C. & Saha, S.K. 2012. Music Classification based on MFCC Variants and Amplitude Variation Pattern: A Hierarchical Approach. *International Journal of Signal Processing, Image Processing and Pattern Recognition* 5(1) : 131-150.
- Gupta, S., Jaafar, J., Ahmad, W.F.W. & Bansal, A.2013. Feature Extraction Using MFCC. *Signal & Image Processing : An International Journal (SIPIJ)* 4(4): 101-108.

- Huda, M., Basuki, D.K., Akbar, F. & Permana, F.J. 2011. Konversi Nada-Nada Akustik Menjadi *Chord* Menggunakan *Pitch Class Profile*.
- Jadhav, P.S. 2015. Classification of Musical Instruments sounds by Using MFCC and Timbral Audio Descriptors. *International Journal on Recent and Innovation Trends in Computing and Communication* 3(7): 5001-5006.
- Jaybhaya, S.R. & Srivastava, P.K. 2015. Dynamic Speech Recognition System To Control Home Appliances. *International Journal of Current Engineering and Scientific Reaserch (IJCESR)* 2(5): 27-32.
- John, P. & Dimitris, M. 1996. *Digital Signal Processing Principles, Algorithms, and Applications Third Edition*. Prentice Hall, Inc : Upper Saddle River.
- Kurniawan, A. 2017. Verifikasi Suara menggunakan Jaringan Syaraf Tiruan dan Ekstraksi Ciri Mel Frequency Cepstral Coefficient. *Jurnal Sistem Informasi Bisnis* 7(1): 32-38.
- Loughran, R., Walker, J., Neill, M.O. & Farrell, M.O. 2004. The Use of Mel-Frequency Cepstral Coefficients in Musical Instrument Identification.
- Muda, L., Begam, M. & Elamvazuthi, I. 2010. Voice Recognition Algorithms using Mel Frequency Cepstral Coefficient (MFCC) and Dynamic Time Warping (DTW) Techniques. *Journal of Computing* 2(3): 138-143.
- Patel, I. & Rao, Y.S. 2010. Speech Recognition Using HMM With MFCC-AN Analysis Using Frequency Spectral Decomposition Technique. *Signal & Image Processing : An International Journal (SIPIJ)* 1(2): 101-110.
- Ridwan, M.F. 2011. Klasifikasi Genre Musik Menggunakan *Learning Vector Quantization (LVQ)*. Skripsi. Institut Pertanian Bogor.
- Rizki, A. 2013. Pengembangan Model *Probabilistic Neural Network* Untuk Identifikasi *Chord* Gitar. Skripsi. Institut Pertanian Bogor.
- Rizkia, W.P. 2016. Pengenalan Karakteristik Suara Menggunakan *Mel-Frequency Cepstrum Coefficient (MFCC)* Pada Sistem Pengenalan Pembicara. Skripsi. Universitas Sumatera Utara.
- Rudrapal, D., Das, S., Debbarma, S., Kar, N., & Debbarma, N. Voice Recognition and Authentication as a Proficient Biometric Tool and Its Application in Online Exam for P.H People. *International Journal of Computer Applications* 39(2): 6-12.
- Sankaye, S.R. & Tandon U.S. 2007. Indian Musical Instrument Recognition based MFCC Feature Set. *IOSR Journal of Computer Engineering*, pp.01-07.
- Sidabutar, B.T. 2013. *Sulim Batak Toba : Sebuah Kajian Kontinuitas dan Perubahan*. Skripsi. Universitas Sumatera Utara.
- Sijabat, D.W. 2009. Simulasi Pengenalan *Chord* Terisolasi Berbasis *Speaker Dependent* Dengan Metode *Hidden Markov Model*. Skripsi. Universitas Indonesia.

- Sturm, B.L., Morvidone, M. & Daudet, L. 2010. Musical Instrument Identification Using Multiscale Mel-Frequency Cepstral Coefficients. *Proceedings of 18th European Signal Processing Conference (EUSIPCO-2010)*, pp. 477 - 481.
- Tan, C. & Jantan, A. 2004. Digit Recognition Using Neural Networks. *Malaysian Journal Computer Science* 17(2): 40-54.
- Tarigan, A.J. 2014. Implementasi *Speech Recognition* Pada Aplikasi Pembelajaran Yang Ditujukan Untuk Membantu Anak-Anak Penderita Disleksia Dengan Metode *Hidden Markov Model* dan Metode *Multisensori*. Skripsi. Universitas Sumatera Utara.
- Wang, F. & Zhang, X. 2013. Research on CRFs in Music Chord Recognition Algorithm. *Journal of Computers* 8(4): hal. 1016-1019.
- Yuriandra. 2008. Permainan Olah ritme untuk mengembangkan musikalitas anak di ME *Music School* Bandung. Tesis, Institut Teknologi Bandung.