

DAFTAR PUSTAKA

- Abriyono dan Harjoko, A., 2012. Pengenalan Ucapan Suku Kata Bahasa Lisan Menggunakan Ciri LPC, MFCC, dan JST. *Indonesian Journal of Computing and Cybernetics Systems*, 6(2), hal.23–34.
- Aibinu, A.M., Salami, M.J.E., Najeeb, A.R., Azeez, J.F. dan Rajin, S.M.A.K., 2011a. Evaluating the effect of voice activity detection in isolated Yoruba word recognition system. *2011 4th International Conference on Mechatronics: Integrated Engineering for Industrial and Societal Development, ICOM'11 - Conference Proceedings*, (May), hal.17–19.
- Aibinu, A.M., Salami, M.J.E., Najeeb, A.R., Azeez, J.F. dan Rajin, S.M.A.K., 2011b. Evaluating the effect of voice activity detection in isolated Yoruba word recognition system. *2011 4th International Conference on Mechatronics: Integrated Engineering for Industrial and Societal Development, ICOM'11 - Conference Proceedings*, (May), hal.17–19.
- Barkoni, 2017. Tajwid. *Pakar Tajwid*.
- Bodruzzaman, M., Kuah, K., Jamil, T., Wang, C. dan Li, X., 1993. System Using Artificial Neural Network. , hal.1–3.
- Bustami, Fadlisyah, I. mauliza, 2017. Sistem Pendeteksi Kesalahan Dalam Membaca Alquran Ayat 1-5 Menggunakan Metode Viterbi Bustami,. *TECHSI : Jurnal Penelitian Teknik Informatika Vol 9 NO. 1 hal 1-15*, Vol 9 No.1, hal.1–15. Available at: <http://ojs.unimal.ac.id/index.php/techsi/article/view/205>.
- Cahyarini, R., Yuhana, U.L. dan Munif, A., 2013. Rancang Bangun Modul Pengenalan Suara Menggunakan Teknologi Kinect. *Jurnal Teknik Pomits*, 2(1), hal.1–5.
- Chamidy, T., 2016. Metode Mel Frequency Cepstral Coeffisients (MFCC) Pada klasifikasi Hidden Markov Model (HMM) Untuk Kata Arabic pada Penutur Indonesia. *Matics*, 8(1), hal.36–39. Available at: <http://ejournal.uin-malang.ac.id/index.php/saintek/article/view/3482>.
- Chen, M.L., Changchien, S.K., Zhang, X.M. dan Yang, H.C., 2011. The design of voice recognition controller via grey relational analysis. *Proceedings 2011 International Conference on System Science and Engineering, ICSSE 2011*, (June), hal.477–481.
- Chen, X., Huang, J., Wang, Y. dan Tao, C., 2012. Incremental Feedback Learning Methods For Voice Recognition Based On DTW. , hal.1011–1016.

- Chitode, D.J., 2010. 01.Communication Theory.
- Davis, S.B. dan Mermelstein, P., 1980. Comparison of Parametric Representations for Monosyllabic Word Recognition in Continuously Spoken Sentences. *IEEE Transactions on Acoustics, Speech, and Signal Processing*, 28(4), hal.357–366.
- E.F Codd, J., Ritonga, P. dan Reply, L.A., 2015. Pengertian Normalisasi Database Dan Bentuk-. , hal.3–5.
- Erma, A., 2004. Articulatory Class Based Spectral Envelope Representation for. , hal.1647–1650.
- Ferdinando, H., 2010. *Dasar-Dasar Sinyal dan Sistem*, ANDI.
- Heriyanto, 2015. Analisa Deteksi Huruf Hijaiyah Melalui Voice Recognition Menggunakan Kombinasi Energy. *Telematika*, 12(1), hal.11–22.
- Hertiana Bethaningtyas, M.K.A.S.. dan S., 2017. Pengenalan Huruf Hijayyah Berbasis Pengolahan Sinyal Suara dengan Metode MFCC. *Momentum, Vol.13, No. 2 Oktober 2017 ISSN 2406-9329 Hal 49-52 Fakultas Teknik- Universitas Wahid Hasyim Semarange-*, 13(2), hal.49–52.
- Hidayat, S., Hidayat, R. dan Adji, T.B., 2015. Sistem Pengenal Tutar Bahasa Indonesia Berbasis Suku Kata Menggunakan MFCC, Wavelet Dan HMM. *Conference on Information Technology and Electrical Engineering (CITEE)*, (September), hal.246–251.
- Holmes, J.H. and W., 2003. *Speech Synthesis and Recognition, Second Edition*,
- Irmawan, Hikmarika, H., Sari, D.W. dan Tammimi, M.C., 2014. Pengenalan Kata dengan Metode Linear Predictive Coding dan Jaringan Syaraf Tiruan Pada Mobile Robot. , (December). Available at: https://www.researchgate.net/publication/288369279_Pengenalan_Kata_dengan_Metode_Linear_Predictive_Coding_dan_Jaringan_Syaraf_Tiruan_Pada_Mobile_Robot.
- Kumar, A.A., 2013. *Digital signal processing*, Prentice-Hall of India Pvt.Ltd. Available at: <http://ieeexplore.ieee.org/document/1162707/>.
- Laha, D., 2007. *Handbook of Computational Intelligence in Manufacturing and Production Manajemen*,
- Leon, C.G.K., 2009. Robust computer voice recognition using improved MFCC algorithm. *Proceedings - 2009 International Conference on New Trends in Information and Service Science, NISS 2009*, hal.835–840.
- Manunggal, H.S., 2005. Perancangan dan Pembuatan Perangkat Lunak Pengenalan Suara Pembicara Dengan Menggunakan Analisa MFCC Feature Extraction. *Tugas Akhir Sarjana pada Jurusan Teknik Informatika Fakultas Teknologi Industri Universitas Kristen Petra Surabaya*.
- Martyna, S. dan Sudaryanto, S., 2011. Penerapan Metode Particle Swarm Optimization pada Artificial Neural Network Backpropagation untuk

- Peramalan Penjualan Furniture pada CV. Octo Agung. , hal.1–9.
- Meana, H.P. dan Meana, H.P., 2007. *Advances in Audio and Speech Signal Processing: Technologies and Applications*,
- Miftahuddin, Y. dan Hakim, M.R., 2017. Coefficient Dan Dynamic Time Warping Untuk Pengenalan Nada Pada Alat Musik Bellyra. , hal.120–127.
- Muda, L., Begam, M. dan Elamvazuthi, I., 2010. Voice Recognition Algorithms using Mel Frequency Cepstral Coefficient (MFCC) and Dynamic Time Warping (DTW) Techniques. , 2(3), hal.138–143. Available at: <http://arxiv.org/abs/1003.4083>.
- Novianto, D. dan Yuliantari, R.V., 2017. Pengenalan Isyarat Tutur Vokal Bahasa Indonesia Menggunakan Metode Dynamic Time Wrapping (Dtw) Berbasis Fungsi Jarak. , (1), hal.1–4. Available at: <http://jurnal.untidar.ac.id/index.php/thetaomega/article/view/456/363>.
- Proakis, J.G. dan Manolakis, D.G., 1996. *Digital Signal Processing: Principles, algorithms, and applications*, Available at: https://engineering.purdue.edu/~ee538/DSP_Text_3rdEdition.pdf.
- Putra, A.E., 2008. Frekuensi Cuplik pada FFT. *Tan Li, Processing, Digital Signal*, 1.
- Putra, D. dan Adi, R., 2011. Verifikasi Biometrika Suara Menggunakan Metode MFCC dan DTW. *Biometrika, Universitas Udayana*, 2(1), hal.8–21.
- Rabiner, L.R. dan Schafer, R.W., 2007. *Introduction to digital speech processing*,
- Sanjaya, M.W.. dan Salleh, Z., 2014. Implementasi Pengenalan Pola Suara Menggunakan Mel-Frequency Cepstrum Coefficients (Mfcc) Dan Adaptive Neuro-Fuzzy Inferense System (Anfis) Sebagai Kontrol Lampu Otomatis. *Al-HAZEN Jurnal of Physics*, 1(1), hal.1–19.
- Shah, S.A.A., Asar, A. ul dan Shah, S.W., 2007. Interactive Voice Response with Pattern Recognition Based on Artificial Neural Network Approach. *2007 International Conference on Emerging Technologies*, hal.249–252. Available at: <http://ieeexplore.ieee.org/document/4516352/>.
- Smith, S.W., 2000. *Digital signal processing*, Available at: <http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=826412>.
- Subali, M., Andriansyah, M. dan Sinambela, C., 2015. Analisis Frekuensi Dasar Dan Frekuensi Formant Dari Fonem Huruh Hijaiyah Untuk Pengucapan Makhraj Dengan Metode DTW. *Prosiding PESAT (Psikologi, Ekonomi, Sastra, Arsitektur & Teknik Sipil) Vol. 6, Oktober 2015 ISSN: 1858-2559 Universitas Gunadarma - Depok - 20-21 Oktober 2015 Hal S-60-72*, 6, hal.S60-72.
- Suyanto, S. dan Putra, A.E., 2014a. Automatic Segmentation of Indonesian Speech into Syllables using Fuzzy Smoothed Energy Contour with Local Normalization, Splitting, and Assimilation. *Journal of ICT Research and*

- Applications*, 8(2), hal.97–112. Available at:
http://journal.itb.ac.id/index.php?li=article_detail&id=1804.
- Suyanto, S. dan Putra, A.E., 2014b. Automatic Segmentation of Indonesian Speech into Syllables using Fuzzy Smoothed Energy Contour with Local Normalization, Splitting, and Assimilation. *Journal of ICT Research and Applications*, 8(2), hal.97–112. Available at:
http://journal.itb.ac.id/index.php?li=article_detail&id=1804.
- Suyanto dan Hartati, S., 2013. Design of Indonesian LVCSR using Combined Phoneme The Approaches of LVCSR. *Icts*, hal.191–196.
- Syafria, F., Buono, A. dan Silalahi, B.I.B.P., 2014. Pengenalan Suara Paru - Paru dengan MFCC sebagai Ekstraksi Ciri dan Backpropagation sebagai Classifier. , 3.
- Thiang, H.S., 2005. Sistem Pengenalan Kata dengan Menggunakan Linear Predictive Coding dan Nearest Neighbor Classifier. *Universitas Kristen Petra*, 5(September), hal.19–24.
- Tobin, P., 2007. *PSpice for Digital Signal Processing*, Available at:
<http://www.morganclaypool.com/doi/abs/10.2200/S00073ED1V01Y200612DCS011>.
- Tokunbo Ogunfunmi, R.T.M. (Sim) narasimha, 2015. *Speech and Audio Processing and Recognition*, springer.
- Tomasouw, B.P. dan Irawan, M.I., 2012. Multiclass Twin Bounded Support Vector Machine Untuk Pengenalan Ucapan. *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA, Fakultas MIPA, Universitas Negeri Yogyakarta*, 2(2004), hal.1–10.
- Tshilidzi Marwala, 2012. *Condition Monitoring Using Computational Intelligence Methods*,
- Vinay K. Ingle, J.G.P., 2012. *Digital Signal Processing using MATLAB*,
- Vladimir Britanak, Patrick C.Yip, K.R.R., 2007. *Discrete Cosine and Sine Transform*,
- Widodo, S.M., Siswanto, E. dan Sudjana, O., 2016. Penerapan Metode Mel Frequency Ceptral Coefficient dan Learning Vector Quantization untuk Text-Dependent Speaker Identification. , 11(1), hal.15–20.
- Zarkasyi I, 1995. Pelajaran Tajwid. *Gontor Ponorogo*, Trimurti P, hal.Hal 1-3.

