

## DAFTAR PUSTAKA

- [1] Kadarsih, “LATIHAN BINA PERSEPSI BUNYI DAN IRAMA MENINGKATKAN KEMAMPUAN BERBICARA ANAK TUNA RUNGU WICARA KELAS III SLB NEGERI SRAGEN,” solo, 2009.
- [2] sarjono, *Orthopaedagogiek Tuna Rungu I (Seri Pendidikan bagi Anak Tuna Rungu)*. UNS Press, 1997.
- [3] G. arsad Maidar and M. U.S, *Pembinaan Kemampuan Berbicara Bahasa Indonesia*. jakarta: erlangga, 1987.
- [4] Y. Zeng and Y. Zhang, “Robust Children and Adults Speech Classification,” *Fourth Int. Conf. Fuzzy Syst. Knowl. Discov. (FSKD 2007)*, no. Fskd, pp. 721–725, 2007.
- [5] H. Sato, Y. Mitsukura, M. Fukumi, and N. Akamatsu, “Emotional Speech Classification with Prosodic Prameters by Using Neural Networks,” no. November, pp. 18–21, 2001.
- [6] M. Murugappan, N. Qasturi, I. Baharuddin, and S. Jerritta, “DWT and MFCC Based Human Emotional Speech Classification Using LDA,” no. February, pp. 27–28, 2012.
- [7] A. Bendihen and K. Sfeiglifz, “Neural networks for voiced/unvoiced speech classification?,” pp. 521–524, 1990.
- [8] R. Cai, “A Modified Multi-Feature Voiced/Unvoiced Speech Classification Method,” *2010 Asia-Pacific Conf. Power Electron. Des.*, pp. 68–71, May 2010.
- [9] B. D. Womack, J. H. L. Hansen, and S. Member, “N-Channel Hidden Markov Models for Combined Stressed Speech Classification and Recognition,” vol. 7, no. 6, pp. 668–677, 1999.
- [10] N. Dave, “Feature Extraction Methods LPC , PLP and MFCC In Speech Recognition,” *Int. J. Adv. Res. Eng. Technol.*, vol. 1, no. Vi, pp. 1–5, 2013.

- [11] V. B. Saambhavi, S. S. S. P. Rao, and P. Rajalakshmi, "Design of feature extraction circuit for speech recognition applications," *TENCON 2012 IEEE Reg. 10 Conf.*, pp. 1–5, Nov. 2012.
- [12] J. Kacur and R. Vargic, "Speaker identification by K-nearest neighbors," *Syst. Signals Image Process. (IWSSIP), 2011 18th Int. Conf.*, 2011.
- [13] J. Ajmera, I. McCowan, and H. Bourlard, "Speech/music segmentation using entropy and dynamism features in a HMM classification framework," *Speech Commun.*, vol. 40, no. 3, pp. 351–363, May 2003.
- [14] M. Jalil, F. A. Butt, and A. Malik, "Short-time energy, magnitude, zero crossing rate and autocorrelation measurement for discriminating voiced and unvoiced segments of speech signals," *2013 Int. Conf. Technol. Adv. Electr. Electron. Comput. Eng.*, no. m, pp. 208–212, May 2013.
- [15] C. Jeyalakshmi, V. Krishnamurthi., and a. Revathy, "Transcribing deaf and hard of hearing speech using Hidden markov model," *2011 Int. Conf. Signal Process. Commun. Comput. Netw. Technol.*, no. Icscen, pp. 326–331, Jul. 2011.
- [16] W. Shin, B. Lee, Y. Lee, and J. Lee, "Speech/non-speech classification using multiple features for robust endpoint detection," *2000 IEEE Int. Conf. Acoust. Speech, Signal Process. Proc. (Cat. No.00CH37100)*, vol. 3, pp. 1399–1402, 2000.
- [17] A. Taleb, "Speech Recognition by Fuzzy-Neuro ANFIS Network and Genetic Algorithms," pp. 41–44, 2012.
- [18] F. a M. Elwakdy, S. B. E. Elsehely, and T. C. M. Eltokhy, "Speech recognition using a wavelet transform to establish fuzzy inference system through subtractive clustering and neural network ( ANFIS )," *Signal Processing*, vol. 2, pp. 264–273, 2008.
- [19] P. Marsal and S. Pol, "Comparison and combination of RASTA-PLP and FF features in a hybrid HMM/MLP speech recognition system.," ..., vol. 1, pp. 2–5, 2002.
- [20] P. F. Castelaz and R. I. J. Niederjohn, "A comparison."

- [21] N. Desai, P. K. Dhameliya, and P. V. Desai, "Feature Extraction and Classification Techniques for Speech Recognition : A Review," vol. 3, no. 12, pp. 1–5, 2013.
- [22] P. Kaur, P. Singh, and V. Garg, "Speech Recognition System ; Challenges and Techniques," vol. 3, no. 3, pp. 3989–3992, 2012.
- [23] X. Li, M. Yao, and W. Huang, "and Neural Network Ensembles," pp. 614–617, 2011.
- [24] D. Mahmoodi and A. Soleimani, "Age Estimation Based on Speech Features and Support Vector Machine," pp. 60–64, 2011.
- [25] A. Caruntu, A. Nica, and G. Todorean, "Robust Features for Speech Classification."
- [26] I. Umr, "ON THE GENERALIZATION OF SHANNON ENTROPY FOR SPEECH RECOGNITION Nicolas Obin , Marco Liuni † Paris , France."
- [27] B. Plannerer, "An introduction to speech recognition," *March*28, 2005.
- [28] T. EnShuo, K. Seung-Hwan, and kuo C. —. Jay, "Environmental Sound Recognition with CELP-basef Features."
- [29] H. Hermansky, N. Morgan, a. Bayya, and P. Kohn, "RASTA-PLP speech analysis." 1991.
- [30] C. Eamdeelerd, "Audio Noise Classification using Bark scale features and K-NN Technique," no. Iscit, pp. 131–134, 2008.
- [31] T. Pao, W. Liao, and Y. Chen, "Audio-Visual Speech Recognition with Weighted KNN-based Classification in Mandarin Database."
- [32] C. Shao and M. Bouchard, "Efficient classification of noisy speech using neural networks," *Seventh Int. Symp. Signal Process. Its Appl. 2003. Proceedings.*, pp. 357–360 vol.1, 2003.
- [33] M. Arts, "Hybrid Learning For Adaptive Neuro Fuzzy Inference System," vol. 2, no. 11, pp. 6–13, 2013.

- [34] V. Seydi Ghomsheh, M. Aliyari Shoorehdeli, and M. Teshnehlab, "Training ANFIS structure with modified PSO algorithm," *2007 Mediterr. Conf. Control Autom. MED*, 2007.
- [35] P. Sharma and Sharma.R.K, "Automatic Identification of Silence , Voiced and Unvoiced Chunks in Speech Master of Technology Under the supervision of School of Mathematics and Computer Applications," vol. 147004, no. June, 2012.
- [36] I. Mcloughlin, *Applied Speech and Audio Processing with MATLAB Examples*. 2009.
- [37] Z. Qiu, "ICA-based Rasta-PLP feature for speaker identification," *2nd Int. Conf. Inf. Sci. Eng. ICISE2010 - Proc.*, pp. 3753–3756, 2010.
- [38] W. P. W. Peng, W. S. W. Ser, and M. Z. M. Zhang, "Bark scale equalizer design using warped filter," *2001 IEEE Int. Conf. Acoust. Speech, Signal Process. Proc. (Cat. No.01CH37221)*, vol. 5, pp. 1–4, 2001.
- [39] B. Milner, "A COMPARISON OF FRONT - END CONFIGURATION FOR ROBUST."
- [40] L. C.H, "Automatic recognition of animal vocalizations using averaged MFCC and linear discriminant analysis," *pattern Recognit. Lett.*, vol. 27, pp. 93–101, 2006.
- [41] A. Klautau, "The MFCC," pp. 1–14, 2005.
- [42] F. Ernawan, N. A. Abu, and N. Suryana, "Spectrum analysis of speech recognition via discrete Tchebichef transform," vol. 8285, no. Icgip, p. 82856L, Oct. 2011.
- [43] L. Deng and D. O'Shaughnessy, *Speech processing: a dynamic and optimization-oriented approach*. 2003.
- [44] D. L. Macfarlane and W. Huang, "Fast Fourier Transform and MATLAB Implementation," pp. 1–26.
- [45] H. Combrinck and E. Botha, "On the mel-scaled cepstrum," *department of* .... 1996.