DAFTAR PUSTAKA

[1] L. Shen, "Context and Text," *Theory Pract. Lang. Stud.*, vol. 2, no. 12, pp. 2663–2669, 2012, doi: 10.4304/tpls.2.12.2663-2669.

[2] F. Biadsy, "Automatic dialect and accent recognition and its application to speech recognition," *Autom. dialect Accent Recognit. its Appl. to speech Recognit.*, 2011.

[3] H. Behravan, "Dialect and Accent Recognition," University of Eastern Finland, 2012.

[4] S. Yoo, I. Song, and Y. Bengio, "A Highly Adaptive Acoustic Model for Accurate Multi-dialect Speech Recognition," *ICASSP, IEEE Int. Conf. Acoust. Speech Signal Process. - Proc.*, vol. 2019-May, pp. 5716–5720, 2019, doi: 10.1109/ICASSP.2019.8683705.

[5] R. Rahmawati and D. P. Lestari, "Java and Sunda Dialect Recognition from Indonesian Speech Using GMM and I-Vector," 2017, doi: https://doi.org/10.1109/tssa.2017.8272892.

[6] T. Fukuda *et al.*, "Data Augmentation Improves Recognition of Foreign Accented Speech," in *INTERSPEECH*, 2018, no. September, pp. 2409–2413.

[7] S. K. Gaikwad, B. W. Gawali, and P. Yannawar, "A Review on Speech Recognition Technique," *Int. J. Comput. Appl.*, vol. 10, no. 3, pp. 16–24, 2010, doi: 10.5120/1462-1976.

[8] J. Home, "RNN Dialek Manado," *Medicus*, vol. 5, no. 3, pp. 3–4, 2018.

[9] A. R. Choudhury, N. B. Chittaragi, and S. G. Koolagudi, "Dialect Recognition System Using Excitation Source Features," 2018, doi: 10.1109/INDICON45594.2018.8987055.

[10] N. B. Chittaragi, P. Hegde, S. K. P. Mothukuri, and S. G. Koolagudi, "Spectral Feature Based Kannada Dialect Classification from Stop Consonants," *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 11941 LNCS, pp. 82–90, 2019, doi: 10.1007/978-3-030-34869-4_10.

[11] N. B. Chittaragi, A. Limaye, N. T. Chandana, B. Annappa, and S. G. Koolagudi, "Automatic text-independent Kannada dialect identification system," *Adv. Intell. Syst. Comput.*, vol. 863, pp. 79–87, 2019, doi: 10.1007/978-981-13-3338-5_8.

[12] J. Dobbriner and O. Jokisch, "Towards a dialect classification in german speech samples," *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 11658 LNAI, pp. 64–74, 2019, doi: 10.1007/978-3-030-26061-3_7.

[13] S. Ye, R. Zhao, and X. Fang, "An Ensemble Learning Method for Dialect Classification," in *IOP Conference Series: Materials Science and Engineering*, 2019, vol. 569, no. 5, doi: 10.1088/1757-899X/569/5/052064.

[14] N. B. Chittaragi and S. G. Koolagudi, "Automatic dialect identification system for Kannada language using single and ensemble SVM algorithms," *Lang. Resour. Eval.*, vol. 54, no. 2, pp. 553–585, 2020, doi: 10.1007/s10579-019-09481-5.

[15] T. N. Trong, K. Jokinen, and V. Hautamäki, "Enabling spoken dialogue systems for low-resourced languages—End-to-end dialect recognition for north sami," *Lect. Notes Electr. Eng.*, vol. 579, pp. 221–235, 2019, doi: 10.1007/978-981-13-9443-0_19.

[16] Z. Ren, G. Yang, and S. Xu, "Two-stage training for Chinese dialect recognition," in *Proceedings of the Annual Conference of the International Speech Communication Association,*

INTERSPEECH, 2019, vol. 2019-Septe, pp. 4050–4054, doi: 10.21437/Interspeech.2019-1522.

[17] S. Ye, C. Li, R. Zhao, and W. Wu, "NOAA-LSTM: A New Method of Dialect Identification," *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 11632 LNCS, pp. 16–26, 2019, doi: 10.1007/978-3-030-24274-9_2.

[18] Q. Zhang *et al.*, "End-to-end Chinese dialects identification in short utterances using CNN-BiGRU," in *Proceedings of 2019 IEEE 8th Joint International Information Technology and Artificial Intelligence Conference, ITAIC 2019*, 2019, pp. 340–344, doi: 10.1109/ITAIC.2019.8785614.

[19] J. Sun, G. Zhou, H. Yang, and M. Wang, "End-to-end Tibetan Ando dialect speech recognition based on hybrid CTC/attention architecture," in *2019 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA ASC 2019*, 2019, pp. 628–632, doi: 10.1109/APSIPAASC47483.2019.9023130.

[20] W. Ying, L. Zhang, and H. Deng, "Sichuan dialect speech recognition with deep LSTM network," *Front. Comput. Sci.*, vol. 14, no. 2, pp. 378–387, 2020, doi: 10.1007/s11704-018-8030-z.

[21] B. Alkhatib, "Voice Identification Using MFCC and Vector Quantization," vol. 17, no. 3, pp. 1019–1028, 2020.

[22] R. Ahmad and S. Suyanto, "The Impact of Low-Pass Filter in Speaker Identification," in *2019 2nd International Seminar on Research of Information Technology and Intelligent Systems, ISRITI 2019*, 2019, pp. 133–136.

[23] S. Suyanto, A. Arifianto, A. Sirwan, and A. P. Rizaendra, "End-to-End Speech Recognition Models for a Low-Resourced Indonesian Language," in *2020 8th International Conference on Information and Communication Technology (ICoICT)*, Jun. 2020, pp. 1–6, doi: https://doi.org/10.1109/ICoICT49345.2020.9166346.

[24] A. Prayitno and S. Suyanto, "Segment Repetition Based on High Amplitude to Enhance a Speech Emotion Recognition," *Procedia Comput. Sci.*, vol. 157, pp. 420–426, 2019, doi: https://doi.org/10.1016/j.procs.2019.08.234.

[25] M. Y. Faisal and S. Suyanto, "SpecAugment Impact on Automatic Speaker Verification System," in *2019 International Seminar on Research of Information Technology and Intelligent Systems (ISRITI)*, Dec. 2019, pp. 305–308, doi: https://doi.org/10.1109/ISRITI48646.2019.9034603.

[26] Y. Afrillia, H. Mawengkang, M. Ramli, F. Fadlisyah, and R. P. Fhonna, "Performance Measurement of Mel Frequency Ceptral Coefficient (MFCC) Method in Learning System of Al-Qur'an Based in Nagham Pattern Recognition," *J. Phys. Conf. Ser.*, vol. 930, no. 1, 2017, doi: 10.1088/1742-6596/930/1/012036.

[27] J. Li, L. Deng, R. Haeb-Umbach, and Y. Gong, "Fundamentals of speech recognition," *Robust Automatic Speech Recognition*. pp. 9–40, 2016, doi: 10.1016/b978-0-12-802398-3.00002-7.

[28] A. Pahwa, "Speech Feature Extraction for Gender Recognition," *Int. J. Image, Graph. Signal Process.*, vol. 8, no. 9, pp. 17–25, 2016, doi: 10.5815/ijigsp.2016.09.03.

[29] M. A. For and Q. Rule, "MFCC-VQ Approach For QalqalahTajweed Rule Checking . pp 275 - 293," vol. 27, no. 4, pp. 275–293, 2014.

[30] A. Zhang, Z. C. Lipton, M. Li, and A. J. Smola, "Dive into Deep Learning," p. 639, 2018.

[31] R. Janakiraman, J. C. Kumar, and H. A. Murthy, "Robust syllable segmentation and its application to syllable-centric continuous speech recognition," in *National Conference on Communications (NCC)*, Jan. 2010, pp. 1–5, doi: 10.1109/NCC.2010.5430189.

[32] S. Suyanto and A. E. Putra, "Automatic Segmentation of Indonesian Speech into Syllables using Fuzzy Smoothed Energy Contour with Local Normalization, Splitting, and Assimilation," *J. ICT Res. Appl.*, vol. 8, no. 2, pp. 97–112, 2014, doi: http://dx.doi.org/10.5614%2Fitbj.ict.res.appl.2014.8.2.2.

[33] S. Suyanto, "Phonological similarity-based backoff smoothing to boost a bigram syllable boundary detection," *Int. J. Speech Technol.*, vol. 23, no. 1, pp. 191–204, 2020, doi: https://doi.org/10.1007/s10772-020-09677-z.

[34] S. Suyanto, "Flipping onsets to enhance syllabification," *Int. J. Speech Technol.*, vol. 22, no. 4, pp. 1031–1038, 2019, doi: https://doi.org/10.1007/s10772-019-09649-y.

[35] E. A. Parande and S. Suyanto, "Indonesian graphemic syllabification using a nearest neighbour classifier and recovery procedure," *Int. J. Speech Technol.*, vol. 22, no. 1, pp. 13–20, 2019, doi: https://doi.org/10.1007/s10772-018-09569-3.

[36] M. H. Aliefa and S. Suyanto, "Variable-Length Chromosome for Optimizing the Structure of Recurrent Neural Network," in *2020 International Conference on Data Science and Its Applications (ICoDSA)*, Aug. 2020, doi: https://doi.org/10.1109/ICoDSA50139.2020.9213012.

[37] F. Ahyar and S. Suyanto, "Firefly Algorithm-based Hyperparameters Setting of DRNN for Weather Prediction," in *2020 International Conference on Data Science and Its Applications (ICoDSA)*, Aug. 2020, doi: https://doi.org/10.1109/ICoDSA50139.2020.9212921.

[38] B. Z. Aufa, S. Suyanto, and A. Arifianto, "Hyperparameter Setting of LSTM-based Language Model using Grey Wolf Optimizer," in *2020 International Conference on Data Science and Its Applications (ICoDSA)*, Aug. 2020, pp. 1–5, doi: https://doi.org/10.1109/ICoDSA50139.2020.9213031.