Assessing the Performance of the TDNN-BLSTM Architecture for Phoneme Recognition of English Speech



¹ R. Levenbach, "Phon times: Improving Dutch phoneme recognition," Master's thesis, 2021.

J. van der Tang, "Evaluation of phoneme recognition through TDNN-OPGRU on Mandarin speech." 2021; G. Genkov, "Training and testing the TDNN-OPRGU acoustic model on English read and spontaneous speech." 2021; M. Chiroşca, "Evaluating the performance of the TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-OPGRU on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; M. Chiroşca, "Evaluation of phoneme recognition through TDNN-BLSTM on Mandarin read and spontaneous speech." 2021; E

1. Ravanelli, P. Brakel, M. Omologo, and Y. Bengio, "Light gated recurrent units for speech recognition,"IEEE Transactions on Emerging Topics in Computational Intelligence, vol. 2, pp. 92–102, Apr. 2018;

Qader, G. Lecorvé, D. Lolive, and P. Sébillot, "Probabilistic Speaker Pronunciation Adaptation for Spontaneous Speech Synthesis Using Linguistic Features," in International Conference on Statistical Language and Speech Processing (SLSP), (Budapest,Hungary), pp. 229–241, Nov. 2015



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³ M. Chiroşca, "Evaluating the performance of the TDNN-BLSTM on Mandarin read and spontaneous speech." 2021.

⁴ J. van der Tang, "Evaluation of phoneme recognition through TDNN-OPGRU on Mandarin speech." 2021.

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