

Assignment 3

Due Date: Friday 11th, 2022

Speech Synthesis

Use software (i.e. Praat) to create a speech synthesizer, which transforms input speech into a suitable representation of voice source and filter parameters, and then transforms the parametric representation back into speech.

Please include in your submission (in case of using Praat) the following:

1. Original wave file of your own voice (<>.wav)
2. LPC file (<>.LPC)
3. VocalTract file (<>.VocalTract)
4. VocalTract tier file (<>.VocalTractTier)
5. Synthesized sound file (<>.wav or <>.sound)
6. Resampled sound at 10kHz (<>_10000.wav)
7. Generated wave file (<>.wav)