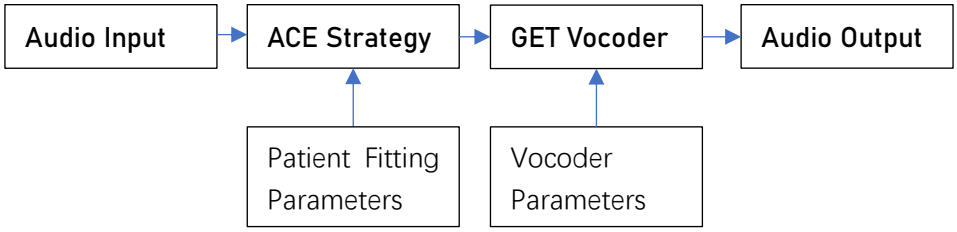
Description:

The function of this MATLAB code is for the Gaussian-enveloped tone (GET) vocoder described in the Experiment 2 of the following manuscript.



Qinglin Meng, Huali Zhou, Thomas Lu, and Fan-Gang Zeng. Pulsatile Gaussian-Enveloped Tones (GET) Vocoders for Cochlear-Implant Simulation. Submitted Trends in Hearing. Sep. 18, 2022.

Size:

~674 KB

Platform:

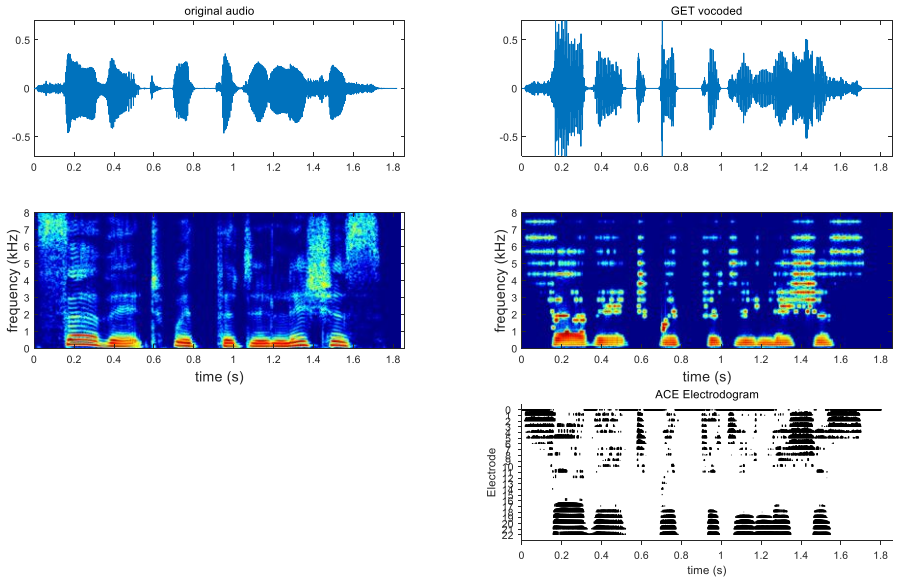
MATLAB, R2020a or newer versions.

Environment:

No requirement.

How to use:

The GETvoc.m is the main code for GET vocoder introduced in this manuscript.
Run VocMain.m. The following figure will come out and a vocoded sound will be presented.



(Note: the code of ACE strategy and spectrogram are from the thirty parties. They have been provided.)

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