ELEC-E5500 - Speech Processing, Lecture, 4.9.2023-16.10.2023

This course space end date is set to 16.10.2023 **Search Courses: ELEC-E5500**

Exercise 4: Speech Enhancement and Evaluations

Due: Sunday, 8 October 2023, 11:59 PM

The objective of this exercise is to implement several basic speech enhancement techniques, evaluate and visualize the quality of these methods. Briefly put, we implement four different filtering methods: spectral-subtraction, Wiener-filter, linear filter and a VAD-based filter.

I put all required instructions within the jupyter notebook file (Exercise_4.ipynb) and also through the comments in the code. Please don't hesitate to ask your questions in the Zulip channel under the tap Exercise 4.

Hope you enjoy coding! Good luck!

Exercise_4.ipynb	26 September 2023, 12:25 AM
Exercise4.wav	26 September 2023, 12:25 AM
output_targets	26 September 2023, 12:25 AM
SP_Exercise4.pdf	26 September 2023, 12:25 AM

Add submission

Submission status

Submission status	No submissions have been made yet
Grading status	Graded
Time remaining	Assignment is overdue by: 218 days 13 hours
Last modified	-

Feedback

Grade	0.00 / 100.00
Graded on	Friday, 3 November 2023, 3:49 PM
Graded by	MV Vali Mohammad

Previous activity
◄ Exercise 3: voice activity detection (VAD)

Next activity
Exercise Solutions ►