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**

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Exercise 1: Basics of speech processing and analysis

Opened: Tuesday, 5 September 2023, 8:00 AM
Due: Monday, 11 September 2023, 11:59 PM

The goal of this exercise is to get acquainted with the basics of speech processing. This includes recording, reading, resampling, windowing, and computing magnitude spectrum and spectrogram along with visualizations.
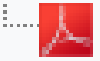
Note: To make sure if the first exercise works and you don't get any errors, I put my recording as an example beside the main files. But, for your submission, you have to record your own voice and submit the results along side with your recording file.

I tried to put all required instructions within the jupyter notebook file (Exercise_1.ipynb) through links, comments in the code, and etc. Please don't hesitate to ask your questions in the Zulip channel under the tap Exercise 1.

Hope you enjoy coding! Good luck!

⚙ Exercise_1.ipynb	4 September 2023, 4:22 PM	
🔊 Mohammad.wav	4 September 2023, 4:22 PM	
📄 SP_Exercise1.pdf	4 September 2023, 4:22 PM	

Add submission

Submission status

Submission status	No submissions have been made yet
Grading status	Graded
Time remaining	Assignment is overdue by: 245 days 13 hours
Last modified	-

Feedback

Grade	0.00 / 100.00
Graded on	Thursday, 12 October 2023, 4:03 PM
Graded by	MV Vali Mohammad

Previous activity	**Next activity**
◄ Learning diary 6	Exercise 2: Fundamental Frequency Estimation ►

Nguyen Binh (Log out)