


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](#)

 [Exercise4.wav](#)

 [output_targets](#)

 [SP_Exercise4.pdf](#)

26 September 2023, 12:25 AM

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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	<div><div>MV</div><div>Vali Mohammad</div></div>

Previous activity

◀ Exercise 3: voice activity detection (VAD)

Next activity

Exercise Solutions ▶



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