Speech Processing - Homework #2

This homework is based on IEEE MLSP Data Challenge 2021 - L3DAS21: Machine Learning for 3D Audio Signal Processing. Please follow their guidelines to download the datasets for your machine learning design. The students for this homework is partitioned into two groups. “MLSP Data Challenge 2021” is just for our homework only. You do not need to submit the results to the website. However, if you are interested in this conference and also has good results, you may upload your achievements there. Before that, I can help you double verify it.

Group-1: 608415188 洪斌綸、609415010 顏利丞、609415074 蔡承宏 working for Task-1:3D Speech Enhancement

Group-2: 609415205黎光道、809415002 滕冠恩、609415212 張誌恒 working for Task-2: 3D Sound Event Localization and Detection in Office Environment

Please refer to the file of “HW2\_L3DAS21” which presents the background, datasets, official website, and so on. On June 15th, 2021 (Tuesday), you will present and demonstrate what you have. In each group, three, two or even one student(s) can form a team to work on that. Afterwards, each team will turn in the software program, and report in one week (before June 22nd).