



*National University of Singapore*

*College of Design and Engineering*

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## **ME5413 Autonomous Mobile Robotics: Homework 2**

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March 3, 2023

# **1 Task 1: Lidar Clustering**

In task 1, we need to perform lidar clustering for all objects in the scene given the set of 10 point cloud lidar samples. Different methods are tried and compared including DBSCAN algorithm that introduced in class. The clustering results are saved as the form of dictionary in a json file.

## **1.1 Ground Point Cloud Segmentation**