

# KAIST ME553 Robot Dynamics

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## Exercise 1

You will be using the ANYmalC model for this exercise. You should download or clone the exercise repo here: [https://github.com/jhwangbo/ME553\\_2024](https://github.com/jhwangbo/ME553_2024).

The goal of this project is to find the mass matrix of ANYmalC model. The error should be less than  $1e-8$ . Otherwise, you must have made a mistake in the code. You must use the Composite Rigid Body Algorithm (CRBA) for this exercise.

**Deliverable:** A single header file named “exercise\_3\_STUDENTID.hpp”. Use the provided template. You should replace “STUDENTID” with your real student id number. Submit it on KLMS.

**Deadline:** by the end of 10th of May, 2024