**LAB 05/03/2023**

ACTIVITIES

Today aim was to acquire some data in order to find a correct mapping of the pwm (input) thrust force relationship. The main challenge was to find a correct setup in order to perform an effective measurement of all the needed quantities. Basically we fixed one axis and we worked on the other, measuring the force by the use of a dynamometer. For the next time, we will sharp the setup. We also came up with the idea of a setup for parameter estimation, which consist in 4 holders which allow us to position the drone in an equilibrium point. From there, we will excite the drone in order to exploit its dynamics.