SYST003 - LINEAR CONTROL SYSTEMS
HOMEWORK I - Motivation & Control Problem

Instructions
- ✓ 3 students per group
- ✓ Maximum **1 page** (without figure)
- ✓ Deadline: 30th September 2019 at 23:59
- ✓ Submission online: https://submit.montefiore.ulg.ac.be

Template to follow for your report
1. Choice of the topic: title between the three proposed projects
2. Context: describe the framework of your project (tell the "story" about your control problem). For example, for the camera stabilizer; one group did a stabilizer on a bike (fast constraints) or a camera following a football player. As you can guess the constraints, sensors and implementations are different.
3. Control problem diagram: Figure similar as the one did on slide 19 of the Project session 1.
4. Control problem description
   - o Utility of the controller
   - o System to be controlled
   - o Inputs into the system
   - o Outputs of the system
   - o Reference
   - o Sensors
   - o Actuators
   - o Constraints and Limitations
5. Reference : Provide the link, book reference, every sources you used to do your HW