5LIJ0 Assignment 3 (March 2022): Criteria for the evaluation of submissions

Case I (10 pts):

Controller design (3 pts):

- Check if they use the same h and tau values from Inchron
- Did they use the correct controller design?
- Input 12 V is checked?
- Is the rise-time still fine. If it is too short, then deduct points.

Platform (2 pts):

- Modelling (correct or not?)

Inchron requirements (3 pts):

- Are they met or not?

Report and comments on the obtained results – trade-offs, explanation (2 pts):

- Cost of the design, design choices
- Did they make correct conclusions?

Case II (10 pts):

Controller design (3 pts):

- Check if they use the same h and tau values from Inchron
- Did they use the correct controller design?
- Input 12 V is checked?
- Is the rise-time still fine. If it is too short, then deduct points.

Platform (2 pts):

- Modelling (correct or not?)

Inchron requirements (5 pts):

- Are they met or not?

Report and comments on the derived results – trade-offs, explanation (3 pts):

- Cost of the design, design choices
- Did they make correct conclusions?

Case-I and Case-II Trade-off Analysis (5 pts):

- Timing comparison and control performance
- Design choices and final cost