ME599-004: Data-Driven Methods for Control Systems University of Michigan – Winter 2024

Homework Assessment & Submission

Homework problems in this course will often involve programming tasks and, a few times, mathematical analysis. Each homework set is to be submitted electronically. Your submissions will be assessed based on how clearly you articulate your approach in addition to how well your results fall into the range of what is expected.

In your submission report, you generally want to include the following.

- 1. *Method(s):* Specify what method(s) you are using in answering the problem, if the problem does not state one to use. Also explain why you are using the method(s) you choose.
- 2. Assumption(s): Explain what assumption(s) you need to make in order to solve the problem the way you are approaching it.
- 3. *Results:* Be sure to include your results (including figures) and necessary comments in your report. Also, indicate whatever files you are submitting/attaching with the report.

While your codes should be included in your report, you should only separately submit the code file(s) if the question specifies so. For programming problems, the following rubric (tentatively) will be used:

Points	10 to >9.0 pts	9 to >4.0 pts	4 to >0 pts	0 pts
Criteria	Results generated as expected AND figures/values/sounds are properly labelled or described	Results generated as expected BUT figures/values/sounds are NOT properly labelled or described, OR Results generated NOT as expected BUT figures/values/sounds are labelled or described	Results generated NOT as expected and figures/values/sounds are NOT labelled or described, BUT code is available and well commented	No/incorrect results and no code available

For uniformity, your homework report should be named in the following format: "firstname lastname hwk[number]", for example, "uduak invang-udoh hwk1.pdf". Code and other files specific to a certain question should be named using: "firstname_hwk[number]_p[problemnumber&letter]", for example, "uduak _hwk1_p2b.mat". If there are multiple of such files for a submission, please submit as a zipped file named as "firstname_lastname_hwk[number]_files", for example, udoh_hwk1_files.zip". But associated files (even when zipped) are to be submitted separately from your report.