

MATH4406 (Control Theory)

HW1 (Unit 2): Math Background and SISO Linear Systems

Prepared by Yoni Nazarathy, Last Updated: July 29, 2012

Not all HW projects in the course are of this form. In this HW project you are required to do the following:

1. Read through the lecture notes for Unit 2.
2. Carry out **all** of the exercises in the lecture notes except for exercise 32. Some exercises are quite trivial and quick, while others may require a bit of work.
3. If you reach an exercise and feel that you do not have enough background knowledge (there are not many of these), spend 20-40 minutes in searching what type of things you need to know - and summarize this in your (incomplete) answer to the exercise.
4. Please report any mistakes/typos in the notes – yet this is not mandatory. Note that the lecture notes will be updated (for typos and mistakes) as you report them.

Hand in time: Start of class 4.1, August 13, 2012.