

Some thoughts and advice:

- You should expect to spend at least several hours on problem sets. A lot of practice problem-solving is essential to understand the material and skills covered in class. Be organised and do not leave problem sets until the last-minute. Instead, get a good start on the problems as soon as possible.
- When approaching a problem think about the following: *do you understand the words used to state the problem? what is the problem asking you to do? can you restate the problem in your own words? have you seen a similar problem worked out in class? is there a similar problem worked out in the textbook? what results/skills did you see in class that might be related to the problem?*

If you are stuck for inspiration come to office hours, or send me an email. However, don't just ask for the solution - provide your thought process, the difficulties you are having, and ask a coherent question in complete English sentences.

- Form study groups - get together and work through problem sets. **This will make your life easier!** You must write your solutions *on your own* and *in your own words*.
- If you would like more practice then let me know.
- You **are not allowed** to use any additional resources. If you are concerned then please ask.

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Do not submit solutions to the following problems. These are practice exercises that you should complete. They may appear as quiz problems.

1. Problems 22-28 (use FFTC) in Section 5.2
2. Problems 9-14 in Section 5.3
3. Problems 13-20, 27 in Section 5.4

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Submit solutions to the following problems on **Friday, May 3rd**.

1. Problems 10, 11, 13, 15, 17a,b (not part (i)), 18a,b (not part (i)), 53, 54 in Section 5.3
2. Problems 1-6, 13, 14, 16, 18, 22, 23, 26, 28, 29, 31, 37, 46, 54-56, 58, 64-72 in Section 5.4
3. Problems 3, 5, 10, 13, 15, 16, 19, 22, 25, 37, 41, 43, 44, 46, 49, 70, 74, 84-87, 88-91 in Section 6.2