

Matlab Homework 7 (10/15/19)

Part 7a: Practicing Programming

NOTE: *PA: Participation Activity* and *CA: Challenge Activity*

WARNING: When you complete any PA or CA in the online book, you should see a colored banner. If you do not see one for a CA, be sure to press "refresh" on your browser (Firefox?). Or you will not get credit.

In the Online Book, do:

- 5.1 1D element-wise arithmetic operators: all except the final CA 5.1.3. Warning: before doing this horribly written section, first refresh your memory about arrays at the end of lesson1.
- 6.5 Summation function: skip CA.
- 7.3 Concatenation: all.
- 7.4 Multi-element 2D array indexing: skip the stuff after PA 7.4.3.
- 7.5 Indexing using a single colon: do PA 7.5.1.
- 8.2 Elementary 2D arrays: do PA 8.2.1-2. I doubt you will need the examples and figures.
- 19.3: Matrix transpose: do PA 19.3.1 all and PA 19.3.2 question 1 only.
- 19.4: Matrix calculations: Skip PA 19.4.10-end.

URL: <http://learn.zybooks.com/signin>

Part 7b: Solving Problems

Note: You should first try to read the relevant parts of the posted lessons before attempting these exercises.

From the Lesson Exercises, do:

- Lesson 5, exercises 1-3.

URL: http://www.eng.famu.fsu.edu/~dommelen/courses/em130021/matlab/exercises/lesson_exercises.pdf