

Homework Exercises

The following contains a minimum of recommended homework from the on-line text by [Pishro-Nik](#). Each sub-section of the text has a set of 'solved problems'. These give an overview of how the material in the section can be useful in problem solving. The exercises listed here will help prepare you for the Lab and Quiz in the subsequent week. Solutions may be found in the student solution [manual](#), although you are encouraged to use this only to check your own work.

Week 1 Read the text sections 1.1-1.2 of the text.

Do the end of chapter exercises (1.5) 1,3,5,13,15

Week 2 Read the text sections 1.3,1.4. Do the end of chapter exercises (1.5) 17,19, 23, 25, 27, 29, 31, 33, 35, 37, 39.

Week 3 Read the text sections 2.1.1-2.1.3 and solved problems 2.1.5 #1-4. Do the end of chapter exercises (2.2) 1, 3, 5, 7, 9, 15.

Week 4 Read the text sections 3.1 and associated solved problems. Do the end of chapter exercises (3.3) 1-15 (odd).

Week 5 Read the text sections 3.2 and associated solved problems. Do the end of chapter exercises (3.3) 17, 19, 23, 25. Read the text sections 4.1 and associated solved problems. Do the end of chapter exercises 1, 3.

Week 6 Read the text sections 4.2 and associated solved problems, leaving out the Gamma function and distribution. Do the end of chapter exercises (4.4) 5, 7, 9,11.

Week 7 Read the text sections 4.3 and associated solved problems. Do the end of chapter exercises (4.4) 13, 15, 17, 23

Week 8 Read the text sections 5.1 and 5.2 and associated solved problems. Do the end of chapter exercises (5.4) 1, 5, 19

Week 9 Finish reading the text sections 5.1 and 5.2 and associated solved problems. Do the end of chapter exercises (5.4) 13, 21, 23

- Week 10 Read the text sections 5.3 and associated solved problems. Do the end of chapter exercises (5.4) 25, 27, 29, 31, 37
- Week 11 Read the text sections 6.1 and associated solved problems [1-6]. Do the end of chapter exercises (6.3) 1, 3, 7, 9, 11, 13
- Week 12 Read the text sections 7.1.2 and associated solved problems [1-4]. Do the end of chapter exercises (7.3) 3, 5.
Read the text sections 10.1 and 10.2. and associated solved problems 1,2. Do the end of chapter exercise (10.2)1.
Read the text sections 11.1.1 and 11.1.2. and associated solved problems 1,2,3. Do the end of chapter exercise (11.5)1.
- Week 13 Read the text sections 11.4.1,11.4.2 and associated solved problems [1-2]. Do the end of chapter exercise (11.5) 29.