

3.4. Tutorial sheet, week of 15.08.2016

It is time to really focus on the first Assignment. The assignment is too long to be completed properly in one sitting.

Tasks which will be helpful for the assignment

- (1) Carefully copy the first paragraph of §4.3.3 of the notes. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (2) Carefully copy the last sentence of §4.3.2. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (3) Carefully copy Proposition 11.6.4 and its proof. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (4) Carefully copy §11.3.1 and the first 6 bullet points of §12.2. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (5) Carefully copy the last paragraph (7 bullet points) of §6.2. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (6) Carefully copy §6.3.3 Exercise (1). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (7) Carefully copy Theorem 10.20.1 and its proof. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (8) Carefully copy Theorem 10.9.1 and its proof. Carefully copy Theorem 10.8.1 and its proof. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing. Compare and contrast the proofs of Theorem 10.9.1 and Theorem 10.8.1 to produce a better proof.
- (9) Carefully copy the proof of Theorem 10.17.1 part (b). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (10) Carefully copy the proof of Theorem 10.17.1 part (e). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (11) Carefully copy the proof of Theorem 10.17.1 part (c). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (12) Carefully copy the proof of Theorem 10.17.1 part (d). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (13) Carefully copy the proof of Theorem 10.8.1 part (cb). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.

- (14) Carefully copy the proof of Theorem 10.8.1 part (ca). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (15) Carefully copy Theorem 10.18.1 and its proof. Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (16) Carefully copy §3.5.2 Exercises (1) and (2). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.
- (17) Carefully copy §12.4 Exercises (1) and (2). Carefully correct all typos and mistakes and rewrite for clarity and accuracy and fill in any steps that are missing.