

1 Exercises from the Textbook

Task-1: R-3.2, R-3.9, R.3-17, R.3-18, R.3-20

Task-2: R-3.15 (Please recall that $A \Leftrightarrow B$ holds when $A \Rightarrow B$ and $B \Rightarrow A$.)

Task-3: R-3.25, R-3.27

Task-4: R-3.33

Task-5: [Bonus] R-3.57

Pertaining to the answers of this homework, **correct typing** of superscripts (e.g., n^2) and subscripts (e.g., n_0) **matters**. Due to this reason, this homework may be done on paper and **returned as a PDF** file containing the answer sheet captures (photos, scanned files). If you would like you can use MS Word or Latex, but your deliverable has to be a **single** PDF file. PDF file should be created so that the answers appears in the same order as the questions shown in the homework assignment document.

A Homework-03 page will be generated soon after the start date of this homework. All deliveries should be done over ODTUClass. Please also be aware of the late penalties (Please check the Announcements – Homework and Assignment Policy in ODTUClass if you have not already done so.). Should you have any questions pertaining to homework tasks, please ask them in advance (not on the due date) for your own convenience.

If the questions that are marked as **Bonus** are answered, they are accounted as additional score to your homework grading. So that, by answering these questions, taken into account that all other questions are answered correctly, you can get scores higher than full score. No matter how much bonus score you get throughout the semester, the total grade point that you will get from homework assignments cannot exceed 15% of your total grade (please recall that homework assignments comprise 15% of your total grade).