

Final Examination

Please read and follow carefully the guidelines below. Any deviation will be penalized.

- Open-book examination. Only non-programmable calculators are allowed. No any other electronic devices are permitted.
- Everybody must do the exam individually. Conversations are not allowed.
- Attempt to do as many questions as you can.
- Please remember that your handwriting must be readable otherwise it will be ignored. If not sure, please print.
- Cheating will be penalized in accordance with the university policy. Plagiarism (e.g. “borrowing” material from books or other sources and presenting it as your own) is absolutely unacceptable and will be severely penalized. Every student must submit his own solutions.
- Please include final answers as well as any required computations. All symbols used must be defined (except when they are given in the problem statement).
- All questions must be answered in details and be self-sufficient, i.e. must include no reference to a book or anything else, and their correctness must be evident from the technical details you provide, without looking into books, notes etc. You are allowed to use the major results from the lecture slides provided a complete proof was given/discussed in class. Even in this case, you have to prove that the result is relevant to a problem you are solving.
- Guesses (answers without satisfactory proofs) as well as copying from books etc. will be given no credit.
- Your answers should demonstrate the full extent of your knowledge.
- If you believe that some parameters/data essential to the problems are missing, make reasonable assumptions and clearly state them.
- Please return this question paper together with your booklet. Clearly indicate question number and sub-number (if applicable) in your answers.