This is a group assignment. Each group should consist of maximum 2 students. Submit typed solution on blackboard before the deadline. Scanned handwritten solution will not be accepted.


1. (35pt) Problem 6
2. (10pt) Problem 7
3. (20pt) Problem 8
4. (10pt) Problem 9
5. (10pt) Problem 10
6. (10pt) Problem 14
7. (10pt) Problem 15
8. (10pt) Problem 16

Grading rubric
You must present the entire derivation of your answer. You will not be graded only on your final result, but also on your approach and its correctness.