

Guidelines for Project Reports

Your project report is expected to clearly communicate your results and methods in adherence with traditional rules for proper English composition. Do not follow the problem statement point by point (as you would do in a homework); use the following format instead and make sure that all the required points are addressed in your report.

Your report should consist of the following sections:

Introduction. Briefly describe in your own words the general problem being addressed. Explain its importance and its applications.

Problem Analysis. Thoroughly characterize the concrete problem(s) to be solved. Since the goals are mostly specified in terms of performance criteria, this includes the formulation of the relevant performance metrics used to assess the quality of an algorithm or solution, and an explanation why a particular metric was chosen.

Implementation. Describe how you implemented your system in Matlab and explain why you opted for a particular algorithm or solution. Make sure you refer to the Matlab code in the appendix. Use figures (e.g., block diagrams and flow charts) when appropriate.

Results. This section presents the results obtained. Use meaningful and clearly labeled plots to visualize your results. Clearly describe the context in which a plot or result was generated.

Conclusions. Discuss your results and come to relevant conclusions about the success of your solution (or an algorithm proposed in the problem statement). Try to find explanations for the performance. Include suggestions for improvement and further investigations.

Appendix. Attach all Matlab code and other material that does not belong to the main part of the report.

References. Cite all references you used (e.g., the textbook, Matlab manual, web resources, etc.)

Remarks:

- Additional relevant ideas, thoughts and remarks are welcome.
- In contrast to homework assignments, there is room for creativity.
- The report should be concise yet complete.

Grading:

A scale from 0 to 100, in steps of 5, is applied.

Grading is based on the report you submit. Only typewritten reports will be accepted. The grade depends on the quality of the results and on the clarity of their presentation in the report: Thoroughness and correctness (30%), creativity (20%), completeness (20%), clarity of presentation (30%).