

Fatigue Design (MMA 115) 2009/10

Guidelines to write assignment reports

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The report should be short and consistent. It does not need to be written in, for example, Word or FrameMaker. However, if you chose to write it by hand, please use your best hand writing. Below is a list of contents and headings that must be included in the report. If you have any questions, please contact Lennart Josefson.

Summary

The summary should include:

- A short presentation of the problem
- Mention of the theory / method used to solve the problem
- Presentation of your results and answers to questions in the assignment

Description of the problem

- Describe the problem as you have interpreted it
- Present all data needed to solve the problem

Solution strategy

- Present your strategy to solve the problem. It can be done in words or by use of a flow chart
- If necessary, specify what is meant by each step in your solution strategy

Theory

- Present shortly, in words, the theory you have based your calculations on
- Refer to the literature in the course, i.e. give the literature reference (see below), page and equation number.
- If you have made any derivations to solve your assignments, present it here.

Results and observations from calculations

- Short presentation of results from calculations
- Answers to questions in the assignment
- Discuss observations if you have any

References

- A full reference list of the literature you have used.

Appendix

- Include the Figures and the plots we have asked for in the assignment
- Include more Figures and plots if you find it necessary
- A list of your computer code (MATLAB,...) used **must** be included here.