

## Introduction to Finite Elements

### Instructions for Computer Assignments

All assignments should be submitted in the form of a short report on A4 or letter size paper. Assignments should be handed in (e-mail will not be accepted).

Assignments with written code should include:

1. Analytical background for the code (all formulas, etc.).
2. Detailed inline comments for the code.
3. Programmed EXCEL sheets should have a readable form, including detailed explanations of the programming done.

Assignments that include finite element runs (ABAQUS/NASTRAN) should include:

1. General description of the FEM model used, including graphical description.
2. A printed INP/BDF file, written from LEFT-TO-RIGHT. Manual updates that have been performed on the file must be provided with corresponding inline comments!
3. Clear representation of results with comments.
4. Analysis of the results obtained with conclusions.