

Lennart Edsberg

Nada, KTH

## Applied Numerical Methods, part 1, DN2221

### Directions for written Lab Reports

Read the lab assignment carefully before you start. In all labs you have to do some Matlab programming. In some lab you also use the Comsol Multiphysics system.

The following items should be contained in a report

- On the **cover page** the following facts should be printed:
  - Name of the authors
  - Personnumbers of the authors
  - e-mail addresses of the authors
  - Lab number
  - Lab name
  - Course code: DN2221, Applied Numerical Methods I, autumn 2010
  - Teacher: Lennart Edsberg
  - Date of submission
- The report
  - Short description of the problem to be solved
  - In case there are parts that should be solved with paper and pencil, these parts should be included. Examples of such parts are analytic treatment or preprocessing, scaling, etc. Whenever you are asked to do a derivation of a formula or an equation you should include your solution in the report.
  - Numerical methods and results should be reported together with graphs, tables and conclusions
  - Graphs should have 1) title, 2) labeling of axis: variables names and physical dimensions (when applicable), 3) explanation of the curve or the curves shown in the graph

- Answers to all questions (if any) given in the lab assignment
  - References
- The report should be submitted as
  - a document WRITTEN OUT ON PAPER and submitted to Lenart Edsberg's post box, Osquars Backe 2, floor 4 or to the one of the common post boxes at floor 2 or floor 4.
- In case a report must be completed, the original report AS WELL AS the requested additions should be submitted again.