



F3B5211 Dynamic Surface Forces 6.0 credits

Dynamiska ytkrafter

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for F3B5211 valid from Spring 2009

Grading scale

undefined

Education cycle

Third cycle

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

Provide an in depth knowledge about measurements of dynamic surface forces across thin liquid layers.

Course contents

A selected number of research papers dealing with measurements or theory of hydrodynamic, viscoelastic and frictional forces is read by the participating students. Each student describes the contents of some of the papers to the other participants in seminar form. The students should also answer a number of questions related to each research paper.

Course literature

Selected scientific papers

Examination

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.