Linear Algebra 2, Spring Term 2017

Programme 16 January – 2 February

Lecturer: Kjell Elfström.

Textbooks: The following textbook will be used and is handed out free of charge at the introductory meeting: KJELL ELFSTRÖM, Linear Algebra, October 2016.

Assessment: The module is assessed through a written examination and a project consisting of several assignments. Students enrolled on the Physics programme must do the physics project. Other students can choose between a computer project and a theoretical project.

Instructions on how to use this programme: You should do the exercises listed under seminar before the seminar on the day in question and be prepared to present your solutions on the blackboard during the seminar. Skim the material listed under lecture before the lecture that day and read it carefully after the lecture.

Web page: http://www.ctr.maths.lu.se/course/MATB22/2017vt2017/

Monday 16/1
Introductory meeting at 10:15 in Lecture Hall C with a lecture until 12:00.
Lecture: Chapter 1.

Thursday 19/1
Lecture: 2.1–2.2.
Seminar: 1.1, 1.2, 1.3, 1.5, 1.6, 1.8, 1.9, 1.10, 1.11.

Monday 23/1
The supervisors of the projects introduce themselves and present the projects they will be offering today at 9:15 in Lecture Hall C.
Lecture: 2.3–2.5.
Seminar: 2.1, 2.3, 2.4ab, 2.5, 2.7, 2.8, 2.9, 2.10a, 1.12.

Thursday 26/1
Lecture: 3.1–3.2
Seminar: 2.13, 2.14, 2.15, 2.16, 2.17, 2.18, 2.20, 2.11, 2.12.

Monday 30/1
Lecture: 3.3–3.5.
Seminar: 3.1, 3.2, 3.3, 3.5, 3.6, 3.7, 3.8, 2.2, 2.19.

Thursday 2/2
Lecture: Chapter 4 cursorily up to Theorem 4.18.
Seminar: 3.10, 3.11, 3.12, 3.16, 3.17, 3.18, 3.19, 3.20, 3.4.

Future programmes will be posted on the module’s web page.