

## Mat-Inf 4130, Fall 2013

Text: *Lecture Notes for MAT-INF 4130, 2013*

Here is the plan for the semester:

Week	Chapter	Problems	Compulsory	Due
34: 21.08, 22.08	1, 2.1			
35: 29.08	2.2-2.7	1: 8, 9, 10, 15, 16	C1: 2.6	
36: 05.09	3	2: 16, 17, 18, 20, 21, 39		
37: 12.09	4	3: 11, 12, 14, 15, 16		C1
38: 19.09	5.1-5.4	4: 5, 9, 11 Exam 2009, problem 1	C2: 4.12, 4.13	
39: 26.09	No lectures	No exercises		
40: 03.10	6	5: 5, 16, 20, 45, 49 Exam 2009, problem 3		
41: 10.10	7.1-7.2	6: 14, 15, 17, 18, 27		C2
42: 17.10	8.1-8.4	7: 17, 18, 21, 22, 23, 25, 33	C3: 8.25	
43: 24.10	9.1-9.4.2	8: 2, 16, 19, 24, 25, 33		
44: 31.10	10	9: 9, 10, 15, 18, 20, 25	C4: 9.17	C3
45: 07.11	11	10: 2, 5, 6, 7, 16, 17, 20, 23		
46: 14.11	12	11: 7, 9, 15, 19, 22, 26, 27, 33		
47: 21.11	13.1-13.3	12: 5, 7, 12, 15, 23, 24		C4
48: 28.11	No lectures	13:4 Exam 2009, Problem 2 Exam 2011, Q&A		

### Lectures:

Thursday 09:15-12:00 [NHA](#) Sem.rom B1036

### Exercises:

Thursday 12:15-14:00 [NHA](#) 738 Sem.rom B70

The 4 compulsory problems C1, C2, C3 and C4 are either theory exercises or a mixture of theory and programming. It is recommended to use MATLAB. For C2 it is recommended to attend the problem session where Exercise 4.11 is treated.

The compulsory problems should be handed in during the week they are due, at the beginning of the exercise session on Thursday (at 12:15). Please make sure to clearly write your name and e-mail address on the first page. Either turn in your solution at the exercise session, or email a single PDF file (so not one for each page) to [georgmu@math.uio.no](mailto:georgmu@math.uio.no), which should include the tag "[numlinalg]" in the title field.

All codes have to be sent by email to Georg, together with a document containing a detailed explanation of what the code does and answering any questions in the exercise.

Good luck!

This document was written by Tom Lyche 02.07.2013