

## FYTN15, ht18

Respondents: 34  
Answer Count: 16  
Answer Frequency: 47.06 %

### General opinion

Give your opinion in the scale 1-5.

1 = very negative

2 = negative

3 = neutral

4 = positive

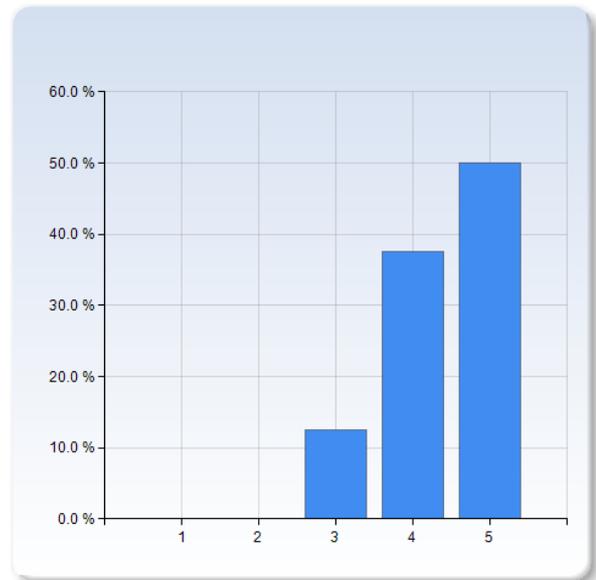
5 = very positive

***The comment field in the end is very important!*** It will help us understand what is to be kept when the grade is good, and what to change when the grade is poor.

What is your general opinion of...

the course overall?

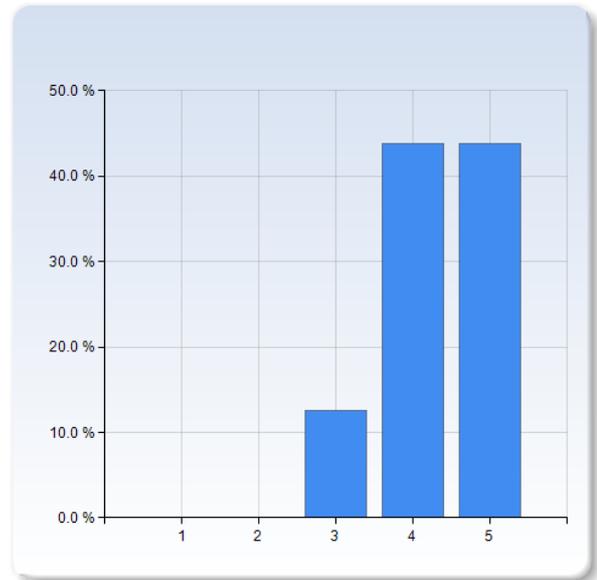
the course overall?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (12.5%)
4	6 (37.5%)
5	8 (50.0%)
Total	16 (100.0%)



	Mean	Standard Deviation
the course overall?	4.4	0.7

### the information about the course when it started?

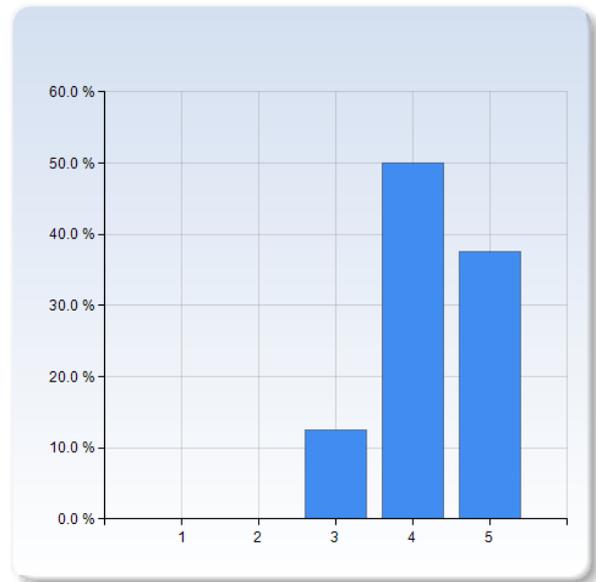
the information about the course when it started?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (12.5%)
4	7 (43.8%)
5	7 (43.8%)
Total	16 (100.0%)



	Mean	Standard Deviation
the information about the course when it started?	4.3	0.7

## the information about what was expected of you?

the information about what was expected of you?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	2 (12.5%)
4	8 (50.0%)
5	6 (37.5%)
Total	16 (100.0%)



	Mean	Standard Deviation
the information about what was expected of you?	4.3	0.7

### Comment (*help us interpret your grades!*)

I found it difficult to know which equations and derivations was meant to be remembered and which where not. I don't think formulas are supposed to be remembered by heart but rather that the understanding of the concept. A formula sheet for Oral Exam/the problem sessions could reassure you that you don't have to remember every single detail.

The information was given mainly in oral form during the lectures, it would be very useful if you could post more of it on the lecture website. Especially things like where the exam takes place, where to hand in the assignments, etc.

A very good course.

They should provide the weighted percentage of a score in each part at the beginning.

## Teaching and examination

Give your opinion in the scale 1-5.

1 = very negative

2 = negative

3 = neutral

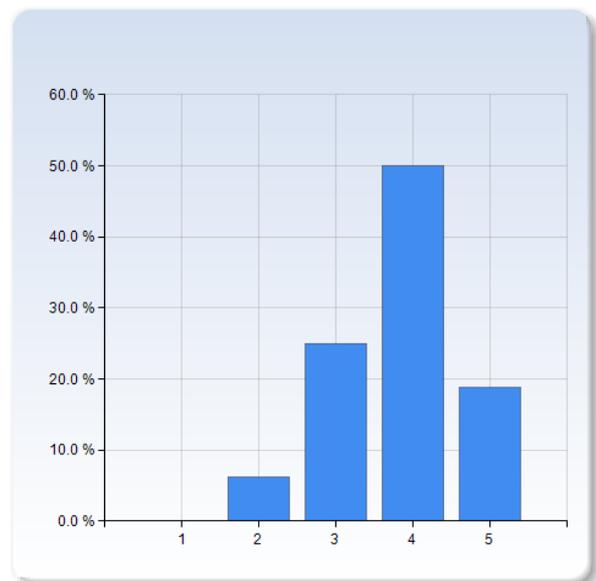
4 = positive

5 = very positive

What is your general opinion of...

Chandler's book?

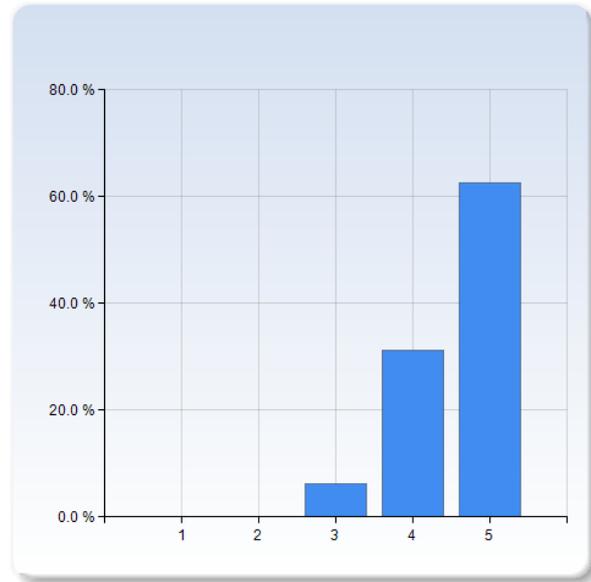
Chandler's book?	Number of Responses
1	0 (0.0%)
2	1 (6.3%)
3	4 (25.0%)
4	8 (50.0%)
5	3 (18.8%)
Total	16 (100.0%)



	Mean	Standard Deviation
Chandler's book?	3.8	0.8

### the lectures?

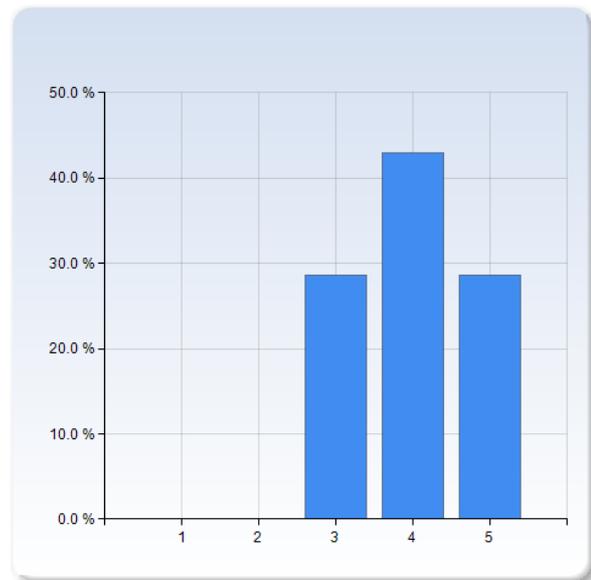
the lectures?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (6.3%)
4	5 (31.3%)
5	10 (62.5%)
Total	16 (100.0%)



the lectures?	Mean	Standard Deviation
	4.6	0.6

### the problem solving classes?

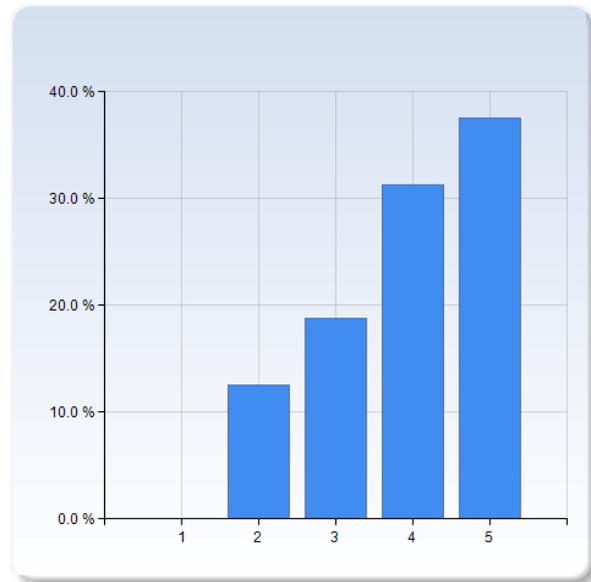
the problem solving classes?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	4 (28.6%)
4	6 (42.9%)
5	4 (28.6%)
Total	14 (100.0%)



the problem solving classes?	Mean	Standard Deviation
	4.0	0.8

### the computer exercise (homework assignment 2)?

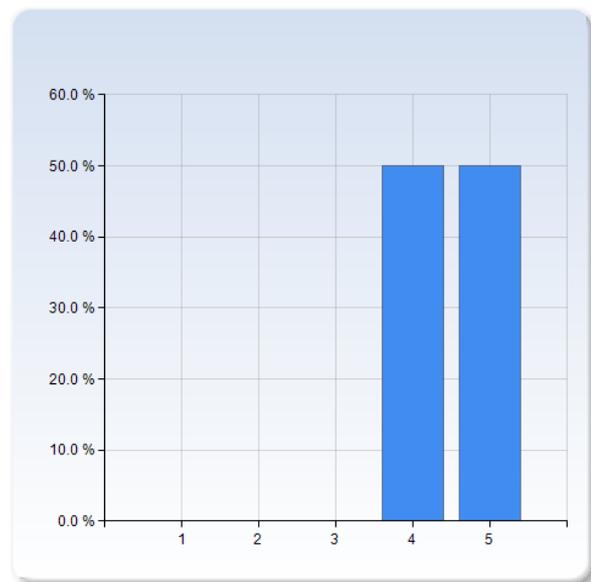
the computer exercise (homework assignment 2)?	Number of Responses
1	0 (0.0%)
2	2 (12.5%)
3	3 (18.8%)
4	5 (31.3%)
5	6 (37.5%)
Total	16 (100.0%)



the computer exercise (homework assignment 2)?	Mean	Standard Deviation
	3.9	1.1

### the homework assignments 1 and 3?

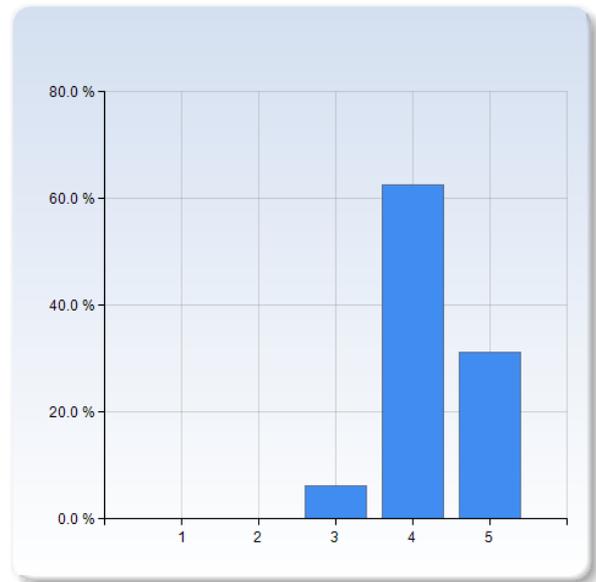
the homework assignments 1 and 3?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	0 (0.0%)
4	8 (50.0%)
5	8 (50.0%)
Total	16 (100.0%)



the homework assignments 1 and 3?	Mean	Standard Deviation
	4.5	0.5

### the seminar presentation?

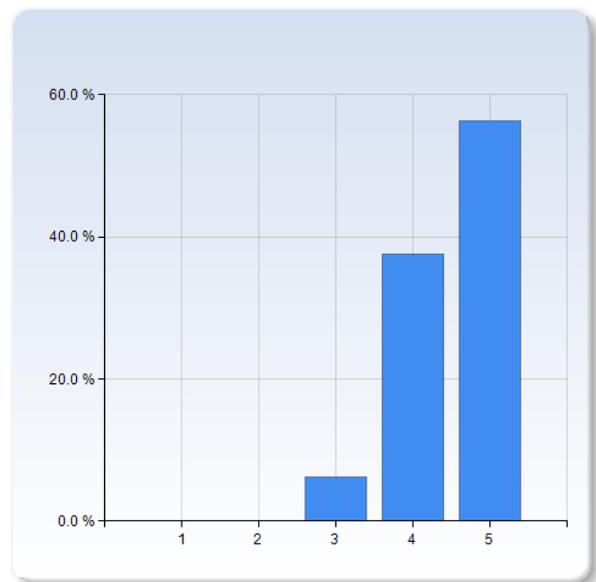
the seminar presentation?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (6.3%)
4	10 (62.5%)
5	5 (31.3%)
Total	16 (100.0%)



	Mean	Standard Deviation
the seminar presentation?	4.3	0.6

### the oral exam?

the oral exam?	Number of Responses
1	0 (0.0%)
2	0 (0.0%)
3	1 (6.3%)
4	6 (37.5%)
5	9 (56.3%)
Total	16 (100.0%)



	Mean	Standard Deviation
the oral exam?	4.5	0.6

Comment (help us interpret your grades!)

The first 4 chapters were good if a bit difficult to read, chapter 5 is an absolute mess and only serves to confuse you rather than inform you... Find another book or compendium for this part could be beneficial.

Lectures in general were good, the last few ones were a bit difficult to follow as many concepts were introduced without description.

The problem sessions were good, could use one more session a week.

The computer exercise mostly weird, and didn't really serve to increase the understanding too much. Was mostly time consuming unfortunately.

Homework assignments were generally good.

I just personally dislike seminars, but it was alright.

A bit difficult knowing what was expected by you. I don't like Oral Exams unless it's purely conceptual. Think a written exam with a formula sheet would be good.

Chapter 5 in Chandler's is not very well written.

Did not attend the problem solving classes due to clashing courses.

Chandler's book is quite good and possible to follow. The only thing that is not so good in it are the different letters used for the potentials and partition sums, that can be a bit confusing when one has already heard a course about statistical mechanics/thermodynamics previously. Also Chandler's book doesn't cover some of the topics that would be interesting to learn more about, especially critical exponents, scaling and correlations.

The lectures were really good, Anders' calm way of teaching makes it easy to follow without having too little input. Jakob is also a very good teacher, he's very enthusiastic and presents computations in an understandable way.

The computer exercise was a bit boring in the sense that everything was already done and the task consisted basically of running the program, nothing more. Nevertheless it showed the critical phenomena in a very descriptive way.

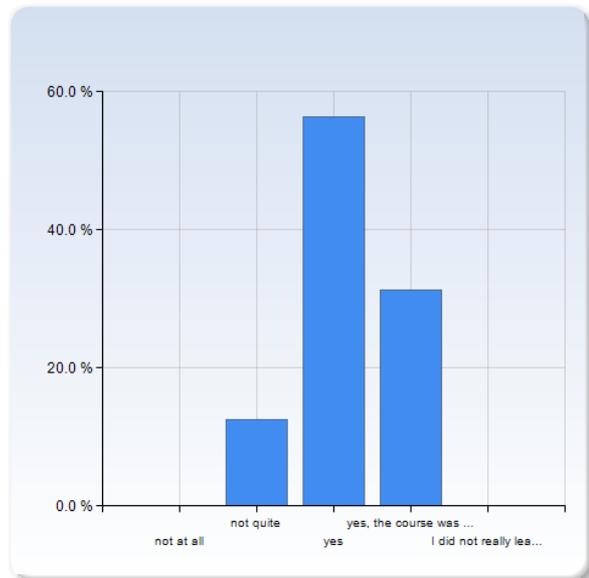
The practice questions for the oral exam were quite challenging and it took a relatively long time to work through them. However the questions asked in the exam were not difficult anymore after having worked through the practice questions which was very fair.

The book felt old and a bit hard to read. However, good that it is not super thick. I didn't attend more than one problem solving class due to lack of time from other courses and obligations. The computer assignment was strange and it was not very clear what you were supposed to do. I learned quite a lot from preparing the seminar. I liked the structure of the oral exam and both Anders and Jakob made you feel comfortable during the exam instead of nervous as some lecturer might.

Think that the grade on the computer exercise after complement could be made higher. I had trouble making the program work it was extremely slow at some point which of course gave me the wrong results and when doing the complement it worked. I think that the first grade on the exercise stemmed from not working the program correctly and did not depend on knowledge of stat. mech. so I think the grade for the complement could be made higher than 6/10.

### Did you have enough prior knowledge for this course?

Did you have enough prior knowledge for this course?	Number of Responses
not at all	0 (0.0%)
not quite	2 (12.5%)
yes	9 (56.3%)
yes, the course was a bit easy	5 (31.3%)
I did not really learn anything new	0 (0.0%)
Total	16 (100.0%)



Did you have enough prior knowledge for this course?	Mean	Standard Deviation
	3.2	0.7

If your prior knowledge was not fairly appropriate, please comment!

What prior knowledge was missing/overlapping?

What is your background (year of higher education, relevant courses)?

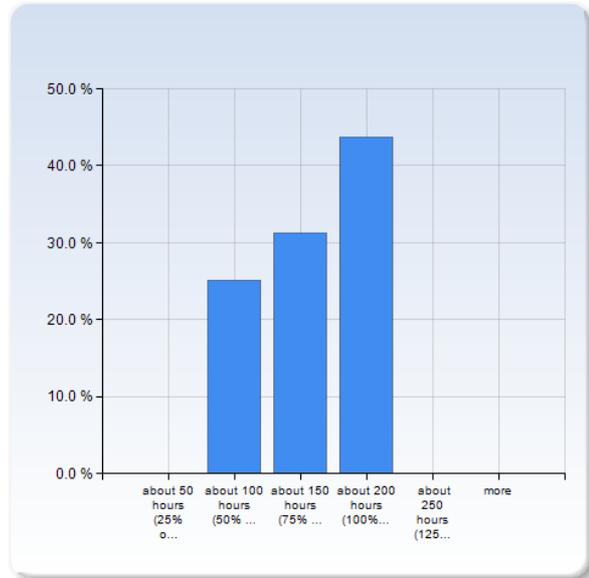
Chandler's book is not a bad book at all, but I would rather see a different one. Firstly because it is hard to read and digest. Secondly because it is expensive to buy and hard to get your hands on (few available at the library).

Since I already had a course on statistical mechanics in my bachelor, some things were already known to me. In particular all of thermodynamics, the statistical ensembles, the Ising model and the transfer matrix method. Things that were completely new to me were the MFT approach and the RG theory.

My prior knowledge was FYTA12.

## How much time have you spent on the course? (In total you are supposed to spend about 200 hours or 25 work-days on a 7.5 hp course)

How much time have you spent on the course? (In total you are supposed to spend about 200 hours or 25 work-days on a 7.5 hp course)	Number of Responses
about 50 hours (25% of intended time)	0 (0.0%)
about 100 hours (50% of intended time)	4 (25.0%)
about 150 hours (75% of intended time)	5 (31.3%)
about 200 hours (100% of intended time)	7 (43.8%)
about 250 hours (125% of intended time)	0 (0.0%)
more	0 (0.0%)
Total	16 (100.0%)



	Mean	Standard Deviation
How much time have you spent on the course? (In total you are supposed to spend about 200 hours or 25 work-days on a 7.5 hp course)	3.2	0.8

Comments (for example on the distribution of the workload and whether you feel you have been able to perform at the level you wanted to)

I definitely should have spent more time during the course, but I had another course that took very much of my time. I spent the most time during the last weeks when I studied for the exam.

## Equal treatment

**According to the Lund University *Policy for gender equality, equal treatment and diversity*, everyone has the right to be "treated with respect and consideration and being given the opportunity to develop on the basis of his or her personal circumstances".**

**Do you think that everyone has been given equal opportunities during the course? If not, please specify in what way? Suggestions for improvements are also welcome.**

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Do you think that everyone has been given equal opportunities during the course? If not, please specify in what way? Suggestions for improvements are also welcome.

Everybody was treated equally from my opinion.

Yes

yes.

yes

Yes.

Yes, I think so.

Yes.

Yes, sure. Everyone has been given equal opportunities.

yes

## Discrimination and harassment

**According to the Lund University *Policy for gender equality, equal treatment and diversity*, there is "zero tolerance of discrimination"**

**Have you become aware of any cases of discrimination or harassment during the course? If so please indicate in what way?**

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I was not aware of any harassments.

No

no.

no

No.

No, not that I noticed.

No.

No

no

## What did you particularly like with the course?

What did you particularly like with the course?

I liked the pedagogical lectures given by both Anders and Jakob. In addition the oral examination was handled in a very good way.

Very good lectures, the homework assignments were relevant and provided a deeper understanding, but perhaps more importantly hands-on experience with the topics covered.

The oral exam where you were given some time to prepare between different topics was good, it is less stressful without someone looking over your shoulder when you try to remember some part, or do a derivation.

I really liked the seminar presentations because they gave some additional insight into more advanced topics of Statistical Mechanics in addition to the very good overview provided by the lectures.

The structure of week1-chap1, week2-chap2 was nice and easy to follow.

The lectures was really good, with both Anders and Jacob. The seminars were nice, but it was a long day. The oral exam had a very nice structure.

The lectures were very pleasant. Not high tempo but still interesting and with room for minor excursions.

Well-selected content.

Enough time was given for preparation of seminars. The time frame was such that it did not require a massive amount of work but rather gave the opportunity to look at a particular subject at a little depth.

Anders is a really great lecturer, so I really enjoyed his lectures.

The lectures were interesting and I liked both Jakob and Anders.

The lecturers were very patient trying to help us to understand. The contents were good but chapter 5 was very hard to follow.

Content of the course and oral presentations as introduction to new topics

## What in the course do you think could improve?

What in the course do you think could improve?

Written exam instead, and have a formula sheet for the "basic" equations and formulas.

If possible change the course literature to something which is easier to read and easier/ more affordable to access.

Perhaps have one or two lectures after the Christmas break before the oral exams, since there is a lot of time in-between the final lecture and the exam. It could be used as a short recapitulation of the course, or answering questions people have come up with while revisiting old material from earlier on in the course.

more information on the website.

I could only go to one or two of the problem sessions, and they were nice but the exercises in the book were quite confusing sometimes so maybe have some other questions, otherwise a really nice course!

Not much, it is a really good course.

Not sure really everything was good maybe some projects to choose from for the seminar.

The computer exercise could probably be a bit more extensive (maybe then with some additional time to complete it), as there is more to investigate about the Ising model than we had time for in the exercise.

In chapter 5, there could be more examples to help us for better understanding.

Exercises and assignments