

FYTA12 half-time and FYTB03, Spring 12, course evaluation

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Summary

Total number of answers 4

Filter no

Group by question no

FYTB03 students, answer applicable questions.

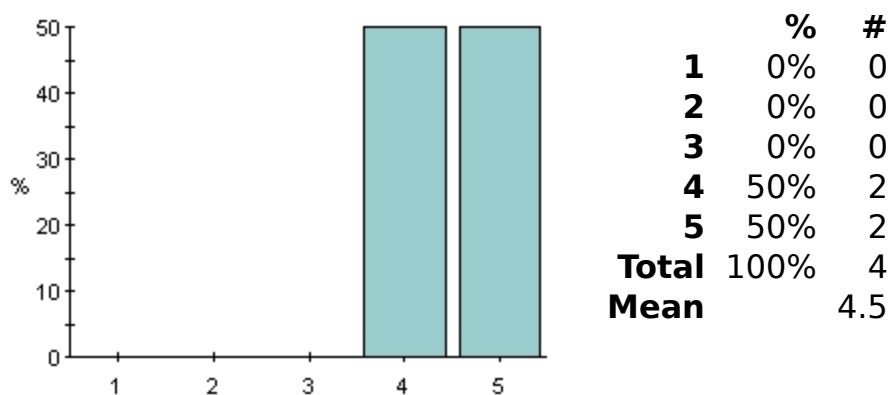
Part 1. General

Give your opinions on a scale 1-5, where 1 is very negative and 5 is very positive.

Personal comments, in English or Swedish, are most welcome!

A. General about the course

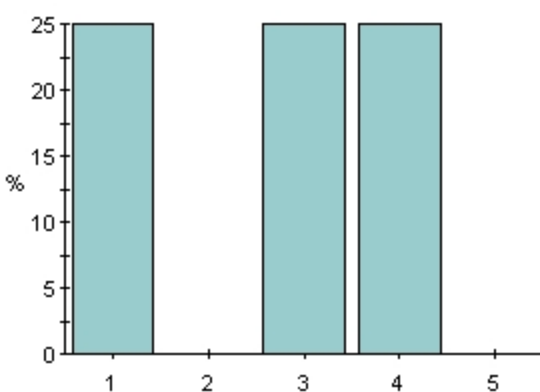
What is your general opinion about the course?



Comment

No comments on this question

B. Litterature.

What is your opinion on Bengtsson's "Om klassisk fysik"?

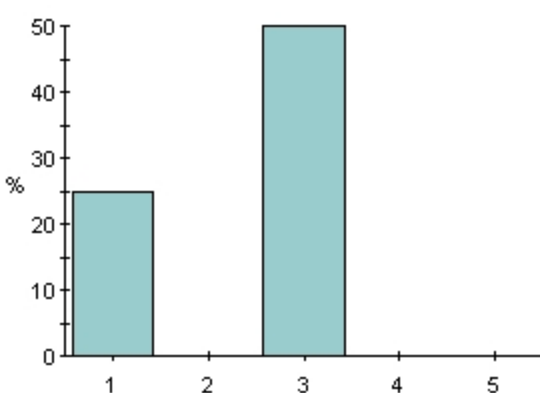
	%	#
1	25%	1
2	0%	0
3	25%	1
4	25%	1
5	0%	0
?	25%	1
Total	100%	4
Mean		2.7

Comment

One has commented on this question

Grade = 3 (one comment)

— A lot of tiresome anecdotes. Would like more thoughts on the physics instead. Some answers to the excercises would be nice as well.

What is your opinion on the English literature for FYTB03?

	%	#
1	25%	1
2	0%	0
3	50%	2
4	0%	0
5	0%	0
?	25%	1
Total	100%	4
Mean		2.3

Comment (in particular, what literature did you choose?)

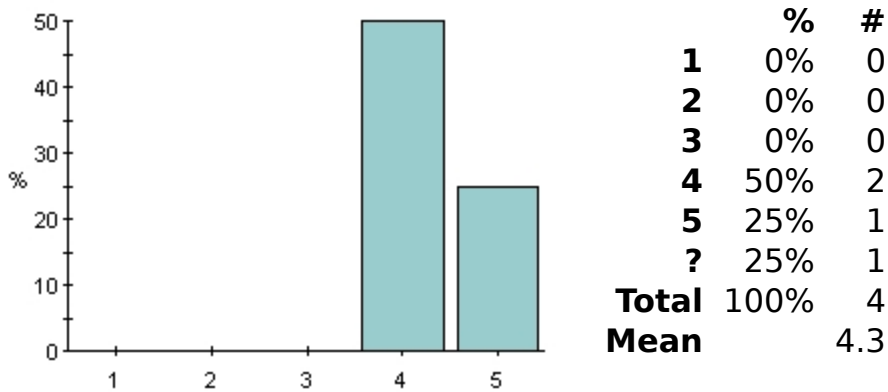
2 have commented on this question

Grade = 3 (2 comments)

— Did not read any English literature for this course.

— The text was not as thorough as I would have liked in some areas, but was a sufficient supplement to the course.

What is your opinion on Bengtsson and Edén, "Grundläggande statistisk fysik och kvantmekanik"?



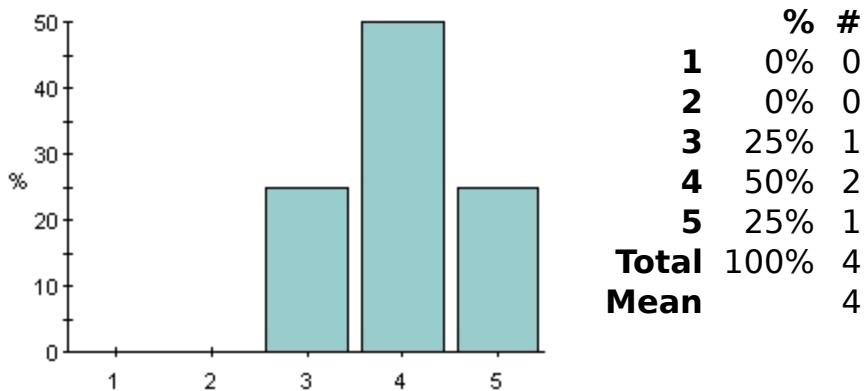
Comment

One has commented on this question

Grade = 4 (one comment)

— I like the material. Would be nice with a little bit more explanation in words with the equations.

What is your opinion on hand-outs?

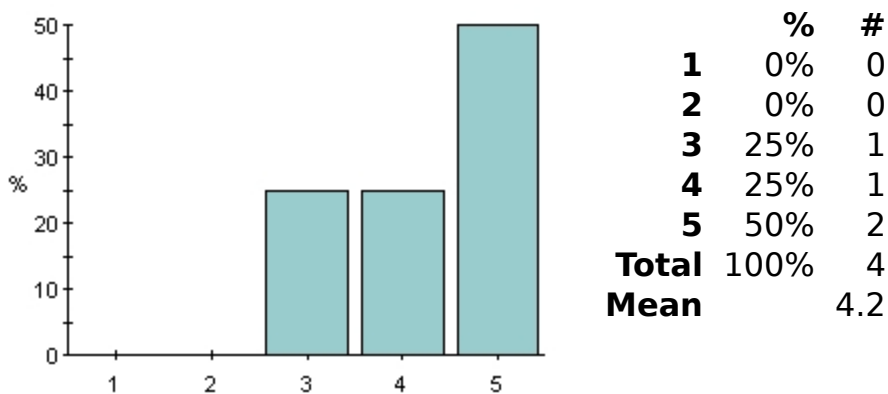


Comment

No comments on this question

C. Lectures.

What is your opinion on the lectures with Bo Söderberg?



Comment

3 have commented on this question

Grade = 4 (one comment)

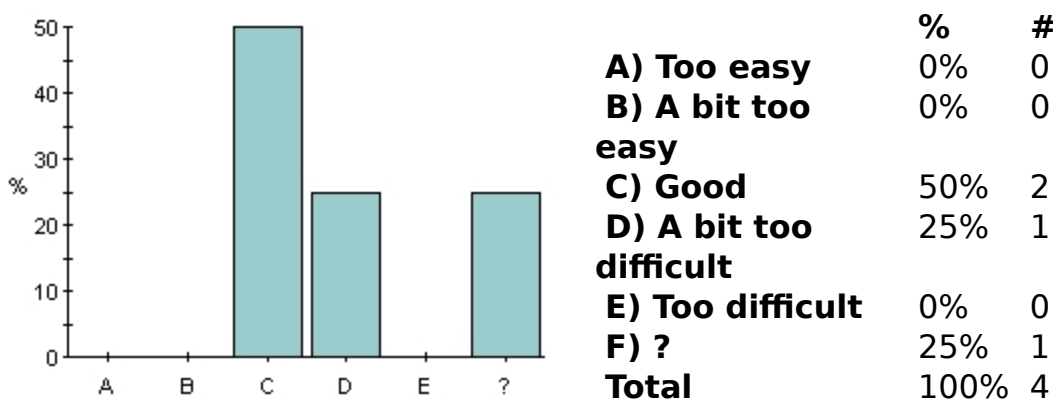
— Whiteboard notes had a tendency of getting a bit too cluttered every now and then. Otherwise good.

Grade = 5 (2 comments)

— Hard in the beginning but once you get used to the tempo its really packed with information.

— I enjoyed the fast paced lectures.

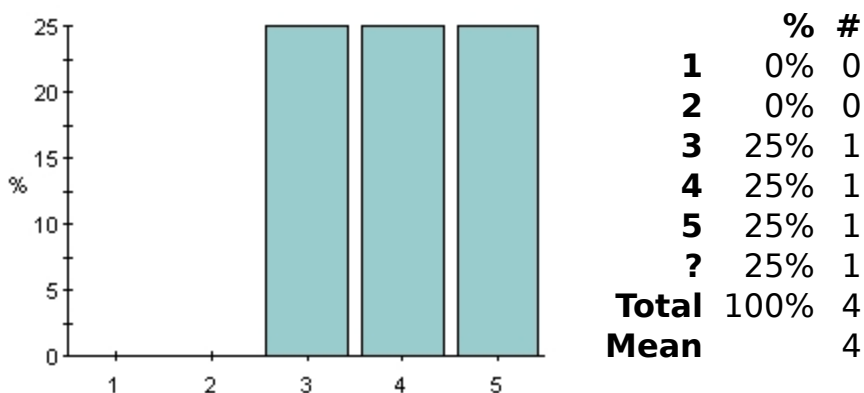
How was the level of the lectures with Bo Söderberg?



Comment

No comments on this question

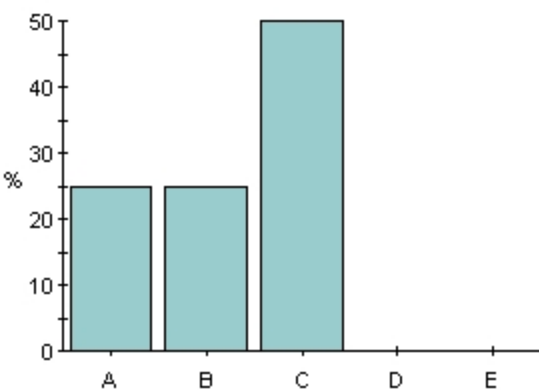
What is your opinion on the lectures with Malin Sjödah!



Comment

No comments on this question

How was the level of the lectures with Malin Sjödah!



	%	#
A) Too easy	25%	1
B) A bit too easy	25%	1
C) Good	50%	2
D) A bit too difficult	0%	0
E) Too difficult	0%	0
Total	100%	4

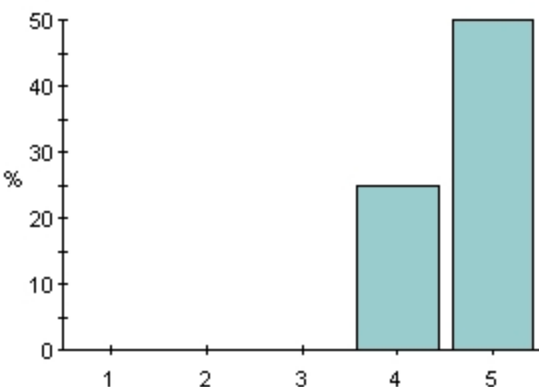
Comment

One has commented on this question

A bit too easy (one comment)

— I would have liked if the lectures were a bit faster paced.

What is your opinion on the lectures with Patrik Edén?



	%	#
1	0%	0
2	0%	0
3	0%	0
4	25%	1
5	50%	2
?	25%	1
Total	100%	4
Mean		4.7

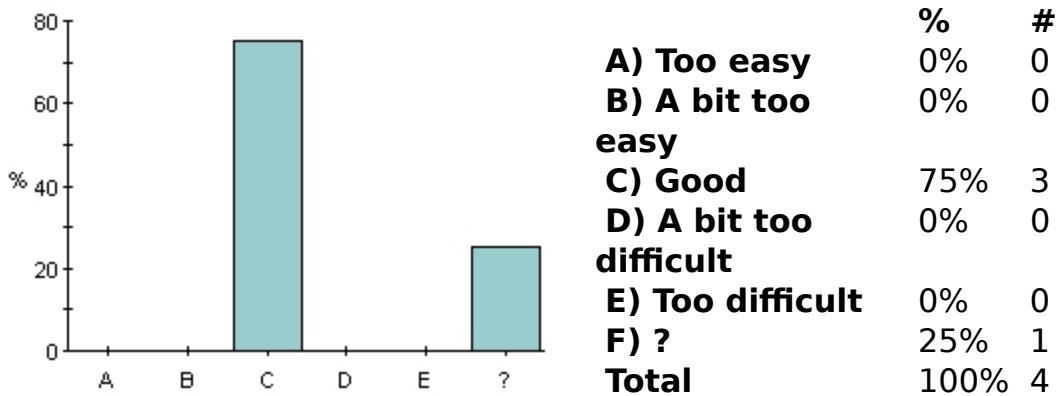
Comment

One has commented on this question

Grade = 4 (one comment)

— He always take his time going through every step. Thats nice but i would like more tempo and sidetracks to get a broad picture.

How was the level of the lectures with Patrik Edén?

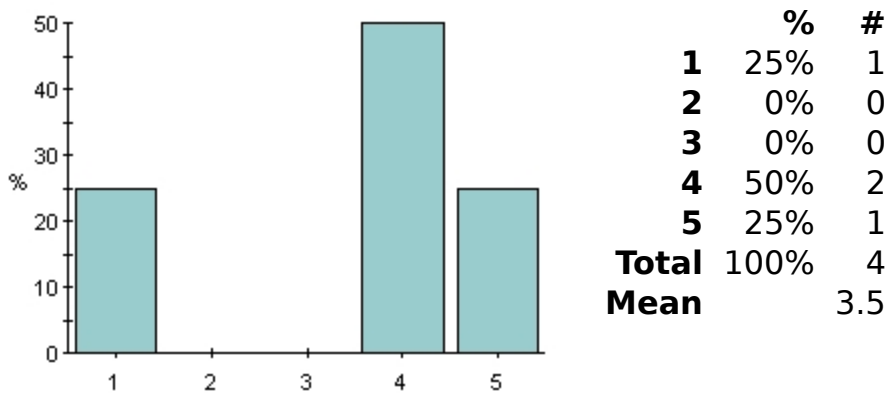


Comment

No comments on this question

D. Laboratory Work and Exercises.

What is your opinion on the exercises in Classical Mechanics and Special Relativity?



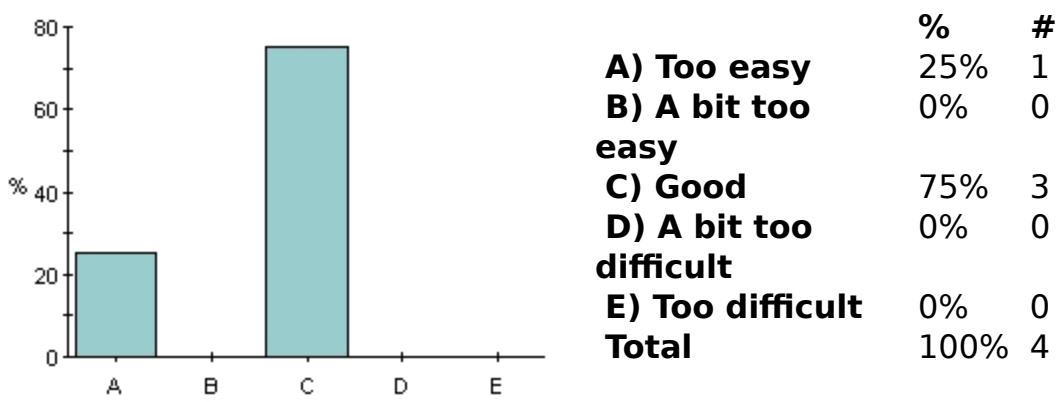
Comment

One has commented on this question

Grade = 4 (one comment)

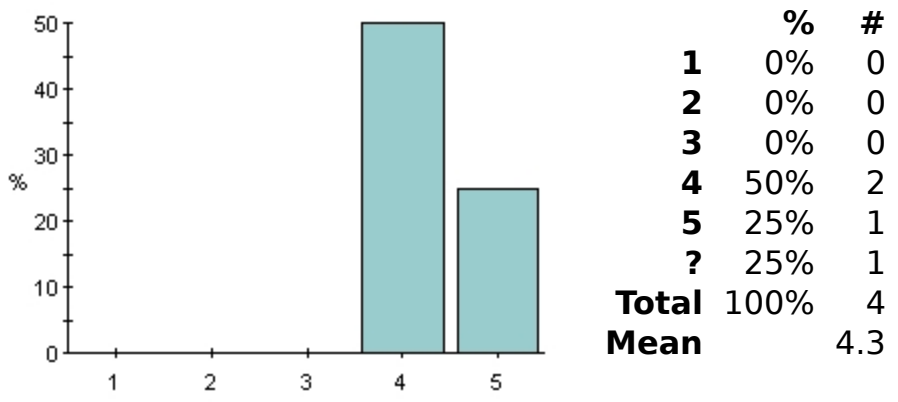
— The special relativity excercises were a little bit too easy.

How was the level of the exercises in Classical Mechanics and Special Relativity?



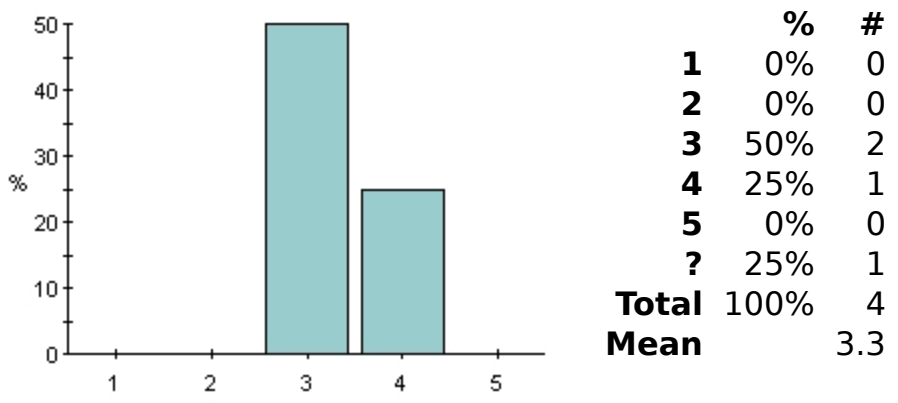
Comment
No comments on this question

What is your opinion on the exercises in Statistical Physics?



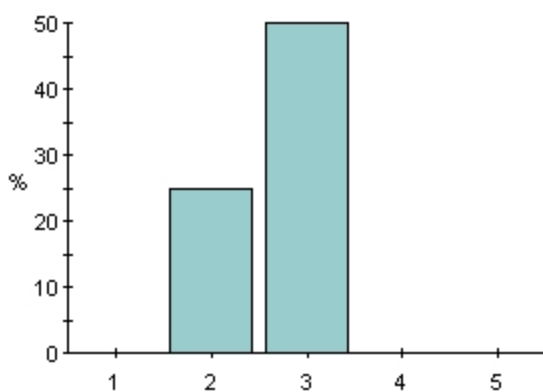
Comment
No comments on this question

How was the level of the exercises in Statistical Physics?



Comment
No comments on this question

What is your opinion on the laboration "Gummiband"?



	%	#
1	0%	0
2	25%	1
3	50%	2
4	0%	0
5	0%	0
?	25%	1
Total	100%	4
Mean		2.7

Comment

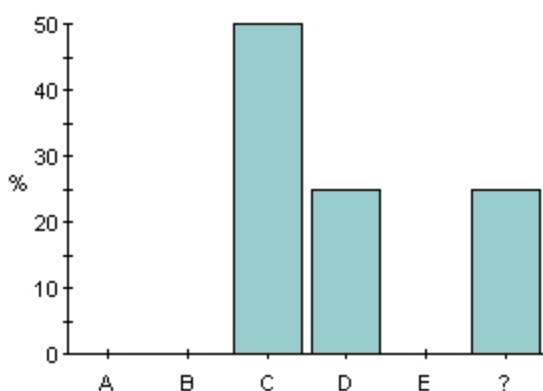
2 have commented on this question

Grade = 3 (2 comments)

— Somewhat tedious, although undeniably educative.

— Im not really sured what i learned...

How was the level of the laboration "Gummiband"?

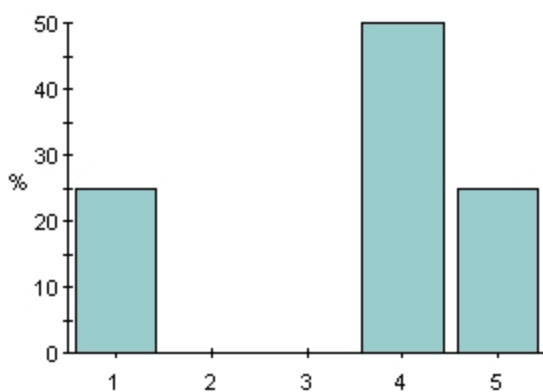


	%	#
A) Too easy	0%	0
B) A bit too easy	0%	0
C) Good	50%	2
D) A bit too difficult	25%	1
E) Too difficult	0%	0
F) ?	25%	1
Total	100%	4

Comment

No comments on this question

What is your opinion on the laboration "Normal Modes in Coupled Pendula"?

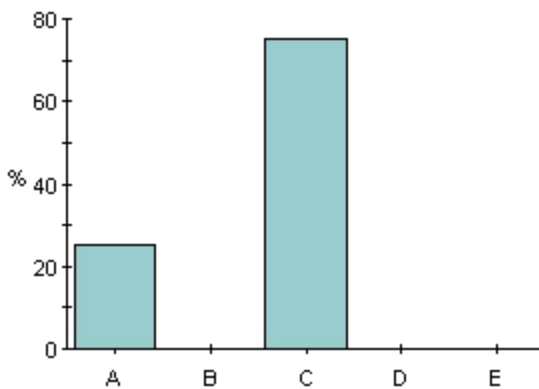


	%	#
1	25%	1
2	0%	0
3	0%	0
4	50%	2
5	25%	1
Total	100%	4
Mean		3.5

Comment

No comments on this question

How was the level of the laboration "Normal Modes in Coupled Pendula"?

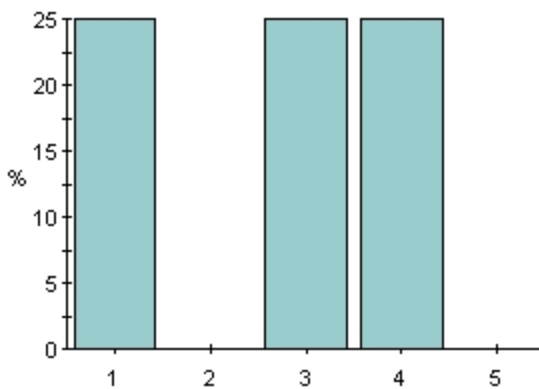


	%	#
A) Too easy	25%	1
B) A bit too easy	0%	0
C) Good	75%	3
D) A bit too difficult	0%	0
E) Too difficult	0%	0
Total	100%	4

Comment

No comments on this question

What is your opinion on the computer exercise "Bose-Einsteinkondensation"?

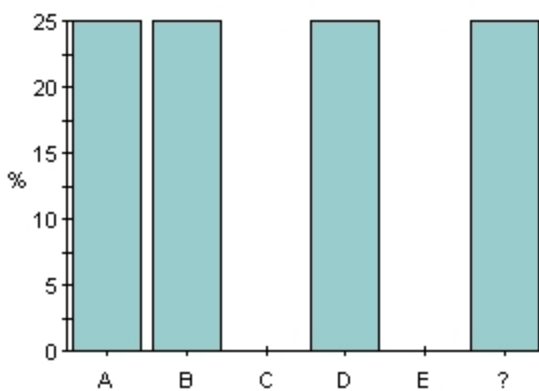


	%	#
1	25%	1
2	0%	0
3	25%	1
4	25%	1
5	0%	0
?	25%	1
Total	100%	4
Mean		2.7

Comment

No comments on this question

How was the level of the computer exercise "Bose-Einsteinkondensation"?



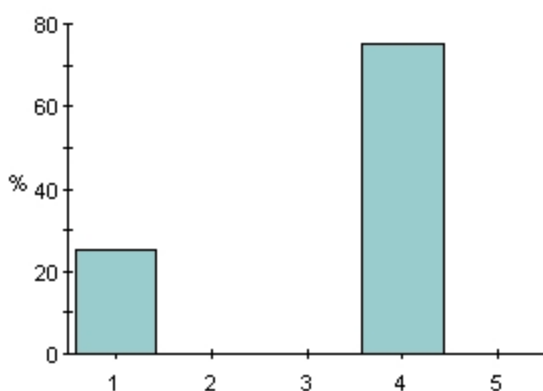
	%	#
A) Too easy	25%	1
B) A bit too easy	25%	1
C) Good	0%	0
D) A bit too difficult	25%	1
E) Too difficult	0%	0
F) ?	25%	1
Total	100%	4

Comment

No comments on this question

E. Examination.

What is your opinion on the exam in Classical Mechanics and Special Relativity?

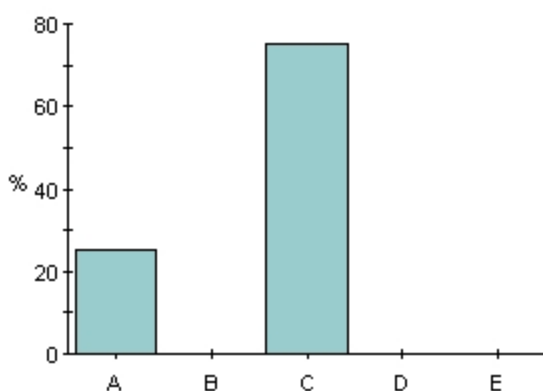


	%	#
1	25%	1
2	0%	0
3	0%	0
4	75%	3
5	0%	0
Total	100%	4
Mean		3.2

Comment

No comments on this question

How was the level of the exam in Classical Mechanics and Special Relativity?



	%	#
A) Too easy	25%	1
B) A bit too easy	0%	0
C) Good	75%	3
D) A bit too difficult	0%	0
E) Too difficult	0%	0
Total	100%	4

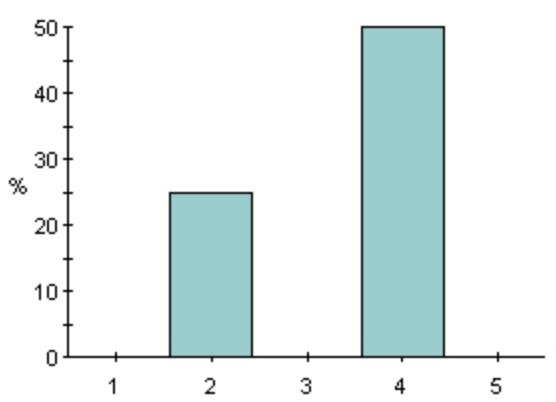
Comment

One has commented on this question

Good (one comment)

— It was difficult, but consistent with the exercises.

What is your opinion on the exam in Statistical Physics?

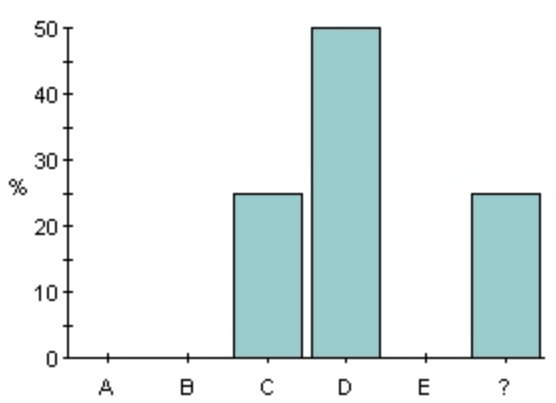


	%	#
1	0%	0
2	25%	1
3	0%	0
4	50%	2
5	0%	0
?	25%	1
Total	100%	4
Mean		3.3

Comment

No comments on this question

How was the level of the exam in Statistical Physics?



	%	#
A) Too easy	0%	0
B) A bit too easy	0%	0
C) Good	25%	1
D) A bit too difficult	50%	2
E) Too difficult	0%	0
F) ?	25%	1
Total	100%	4

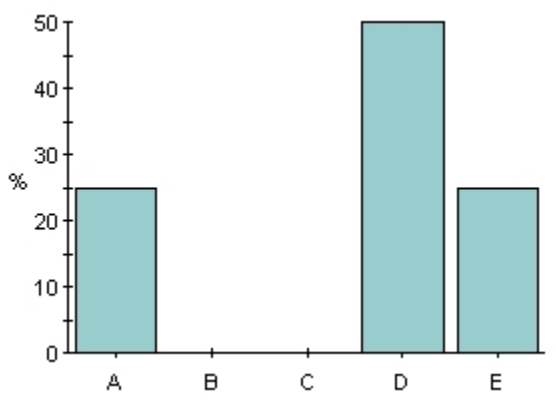
Comment

No comments on this question

Part 2. Learning goals

A. Classical Mechanics

The student can choose appropriate generalised coordinates and derive the Lagrange equation for a given mechanical system, using the principle of least action.



	%	#
A) Not at all	25%	1
B) Not quite	0%	0
C) Reached learning goal	0%	0
D) Reached with margin	50%	2
E) I'm now an expert	25%	1
Total	100%	4

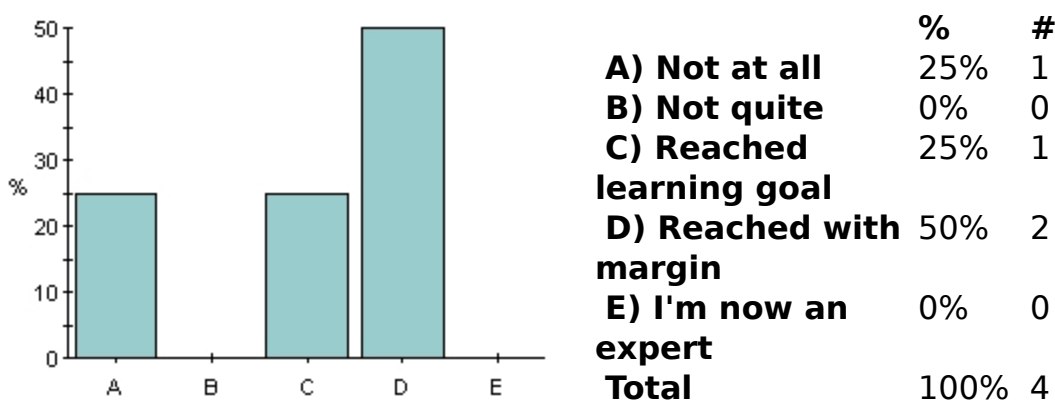
Comment

One has commented on this question

I'm now an expert (one comment)

— Sometimes choosing appropriate generalized coordinates is a bit difficult, but I feel confident in my ability to complete the above tasks.

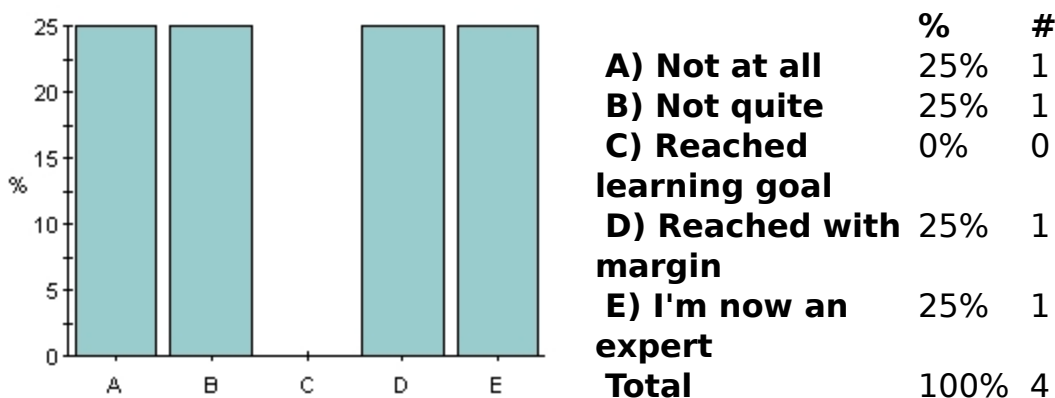
The student can find normal modes for small oscillations around a stable, stationary solution.



Comment

No comments on this question

The student can derive and use conservation laws from mirror, translational and rotational symmetries.



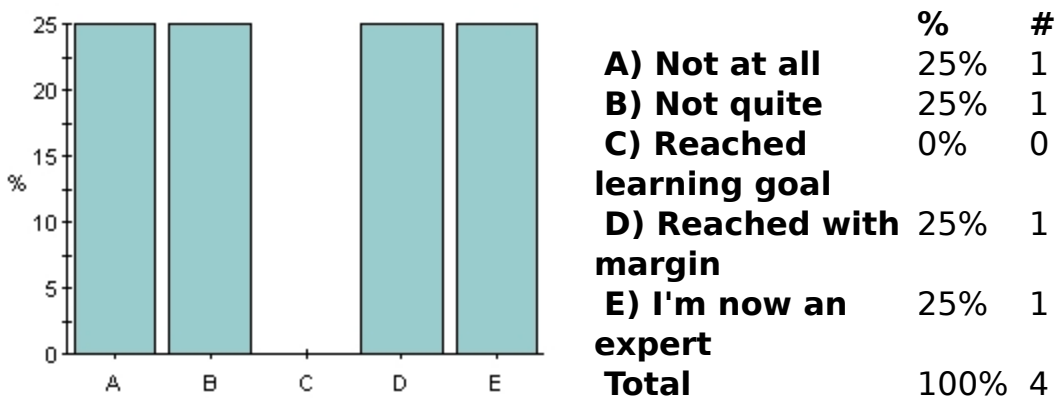
Comment

No comments on this question

B. Special Relativity

The student is familiar with commonly occurring

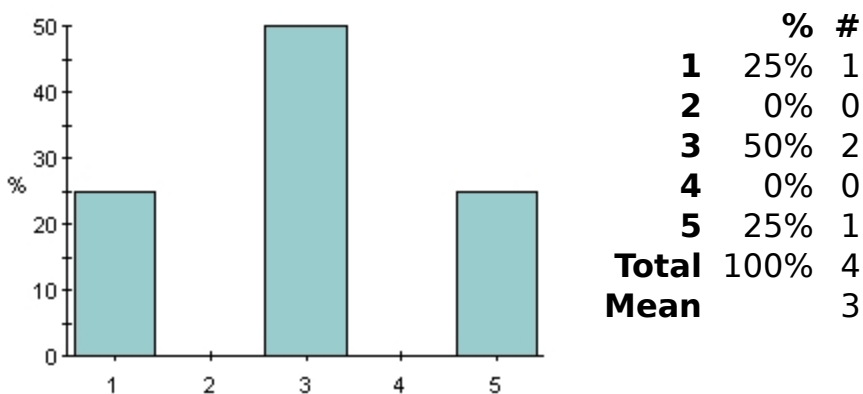
four-vectors and other tensors, and can perform Lorentz transformations between two coordinate systems in the Minkowski space.



Comment

No comments on this question

The student can use relativistic kinematics to analyse simple particle reactions.

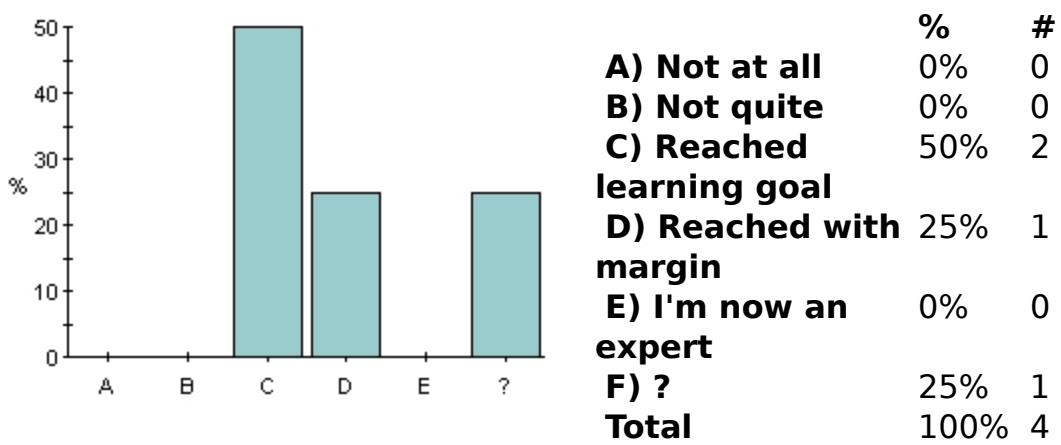


Comment

No comments on this question

C. Classical Statistical Mechanics

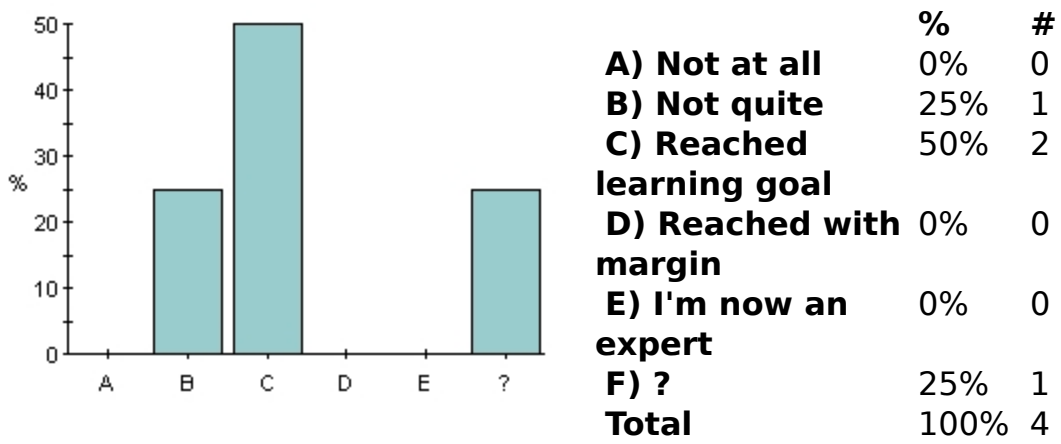
The student is familiar with basic state variables and state functions and can evaluate these for a given simple system.



Comment
No comments on this question

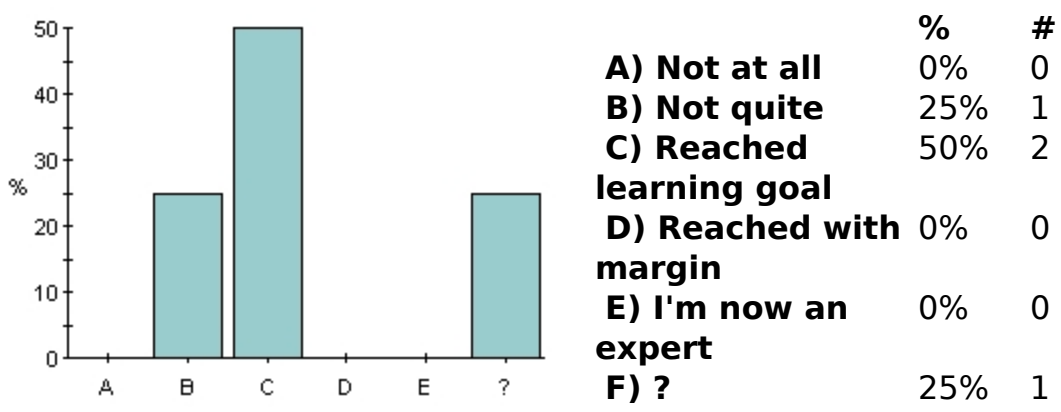
D. Statistical Quantum Physics

The student can use Fermi-Dirac and Bose-Einstein statistics, respectively, to describe quantum gases.



Comment
No comments on this question

The studenten can analyse the properties of degenerate fermion gases and Bose condensates.



Total

100% 4

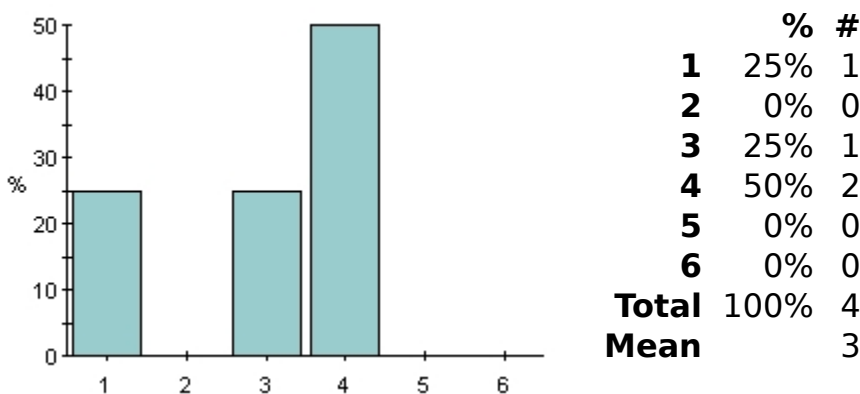
Comment

No comments on this question

Part 3. Your efforts.

Here, we want you to estimate how much time, relative to the formal course speed, that you have spent on this course. The percentage scale ranges from 1 = 0-20% to 5 = 80-100% (and sometimes 6 = more than 100%)

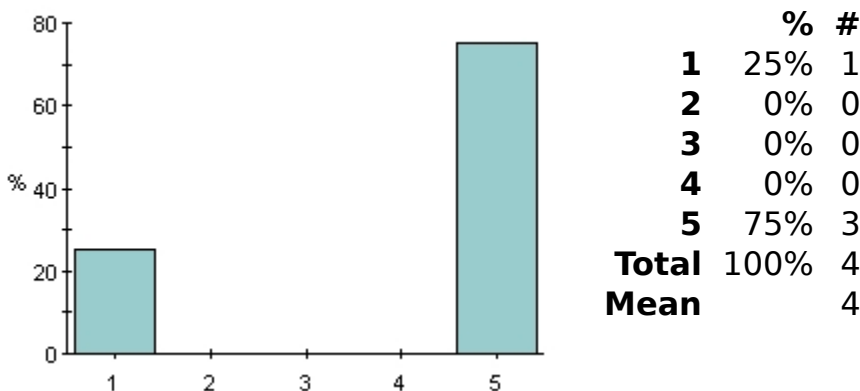
How much time relative to course speed have you used for this course (Half-time course: 20hrs per week, 10 weeks. Full-time course: 40hrs per week, 10 weeks)



Comment

No comments on this question

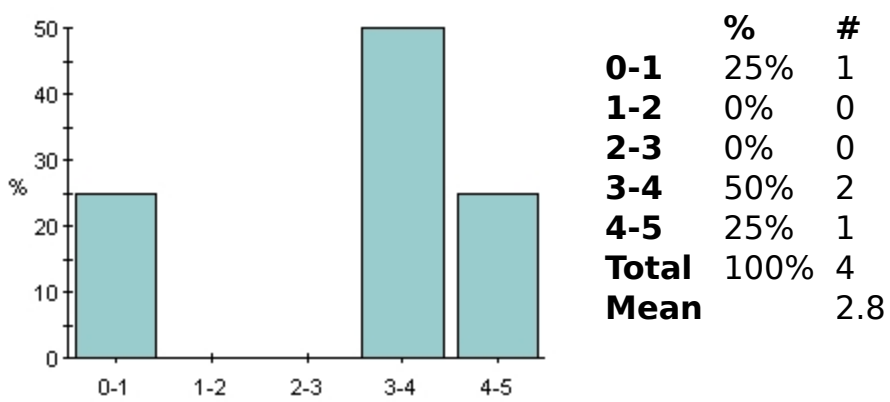
How big a fraction of lectures did you attend in Classical Mechanics and Special Relativity?



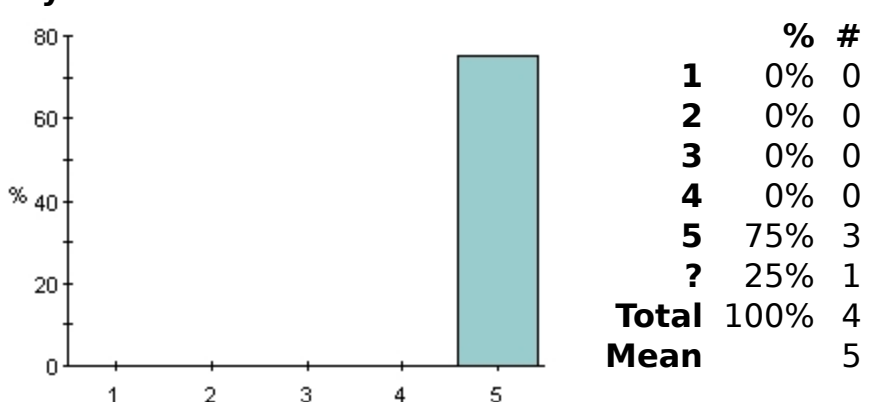
Comment

No comments on this question

Hur many exercise sessions did you attend in Classical Mechanics and Special Relativity?



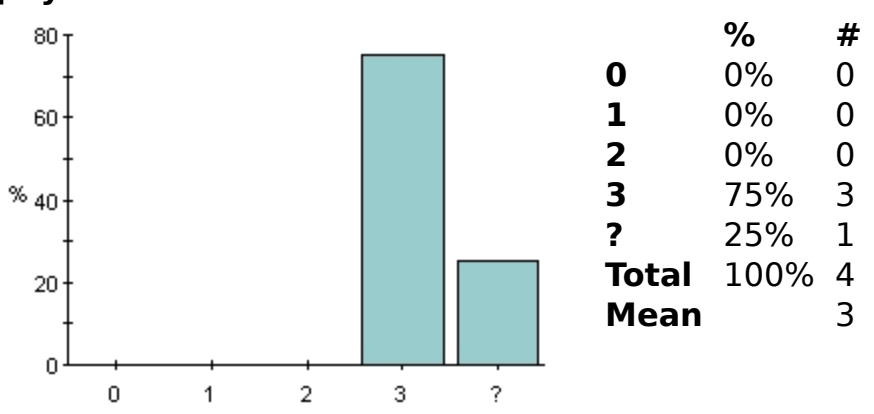
How big a fraction of lectures did you attend in Statistical Physics?



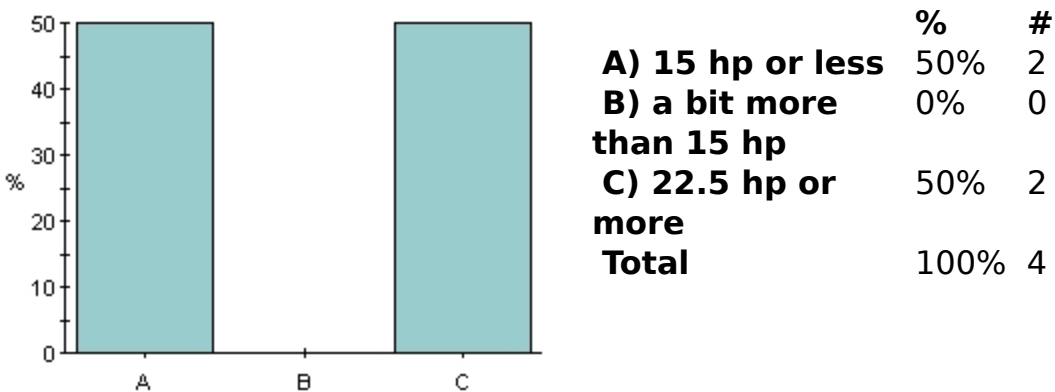
Comment

No comments on this question

How many exercise sessions did you attend in statistical physics?



Full time studies correspond to 15 hp (15 ECTS) in one study period. The courses you have actively followed during this period (first half of spring), how many hp do they add up to?



Comment

3 have commented on this question

15 hp or less (2 comments)

— 7.5 from fytbo3 and 7.5 from fysb01

— I was not able to skip answering questions, and therefore I consequently answered the lowest possible grade on these questions.

22.5 hp or more (one comment)

— I took the scientific method at thep. as well.

Contact person: Bo Söderberg, bosse@thep.lu.se

Last modified: 02/07/12