

Course Evaluation, FYTN09, Classical Mechanics, Spring 12, Department of Astronomy and Theoretical Physics

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Summary

Total number of answers 6

Filter no

Group by question no

Give your opinion in the scale 1-5.

1 = very negative

2 = negative

3 = neutral

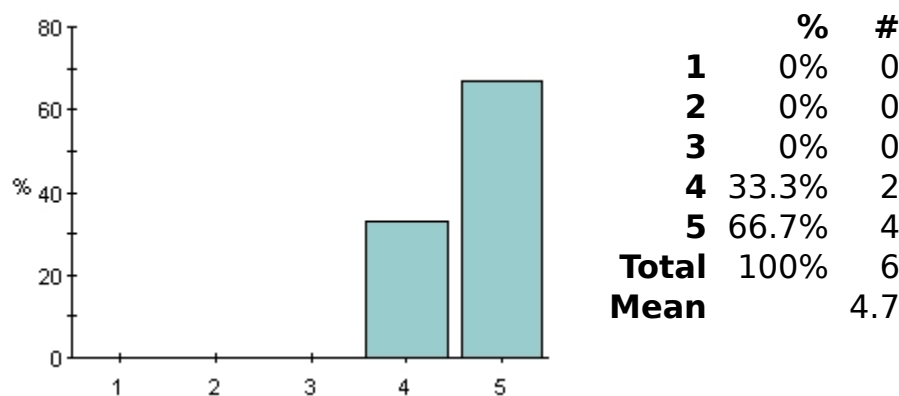
4 = positive

5 = very positive

Personal comments will be appreciated!

A. General

What is your general opinion of the course?



Comment

3 have commented on this question

Grade = 4 (2 comments)

— Was a good course, it covers the main aspect, maybe a bit too much information compared to the time.

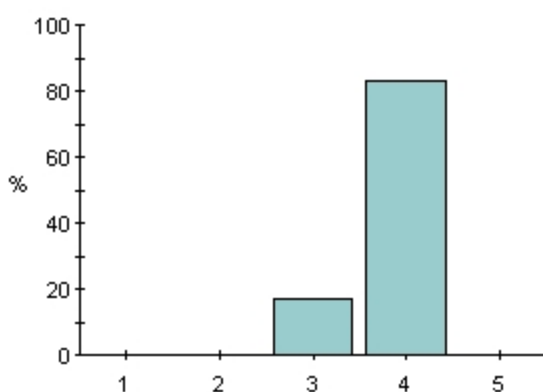
— The course was very good. I think though that had the pace been a bit slower, I would have benefited more from it. Also, there should have been a week of at least 4-5 days for revising before the exam.

Grade = 5 (one comment)

— It's an important course that serves as a bridge between classical and modern physics. After I took this course I saw many analogies between CM and QM that I never had seen before.

B. Literature

What is your general opinion of Goldstein's book?



	%	#
1	0%	0
2	0%	0
3	16.7%	1
4	83.3%	5
5	0%	0
Total	100%	6
Mean		3.8

Comment

2 have commented on this question

Grade = 3 (one comment)

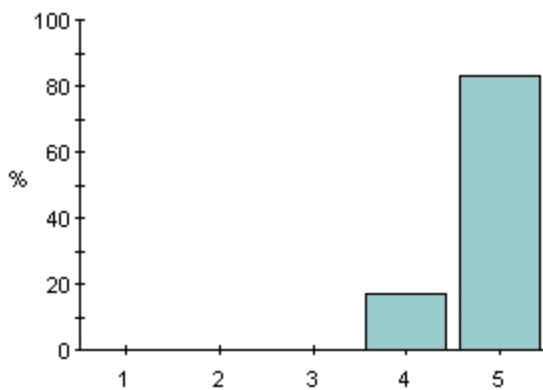
— Some of the chapters are quite lengthy and unnecessary tedious. This combined with the fact that the exercises are hard makes it difficult to follow the book as the course moves on.

Grade = 4 (one comment)

— Lots of typos, but otherwise good.

C. Lectures and problem solving sessions

What is your general opinion of the lectures with Roman Pasechnik?



	%	#
1	0%	0
2	0%	0
3	0%	0
4	16.7%	1
5	83.3%	5
Total	100%	6
Mean		4.8

Comment

3 have commented on this question

Grade = 4 (one comment)

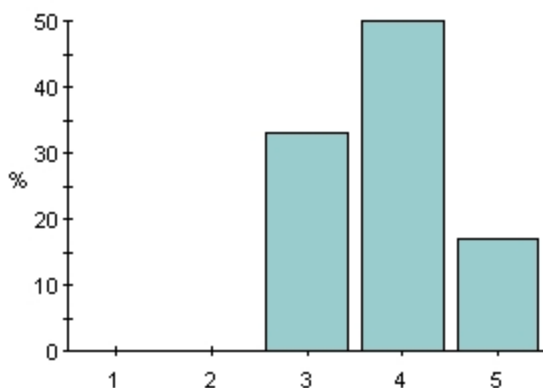
— Lectures were good. They had a good mix between following the book, but still being slightly different.

Grade = 5 (2 comments)

— I think Roman did a good job, he always answered our questions, I felt free to ask him whenever I needed to. I like the fact that he did derivations on the black-/whiteboard.

— He was the best part of this course! Always calm and happy to explain and answer questions.

What is your general opinion of the problem solving sessions?



	%	#
1	0%	0
2	0%	0
3	33.3%	2
4	50%	3
5	16.7%	1
Total	100%	6
Mean		3.8

Comment

3 have commented on this question

Grade = 3 (2 comments)

— I would have loved to have some time, where I could discuss both the hand in exercises as well as the exercises for the class.

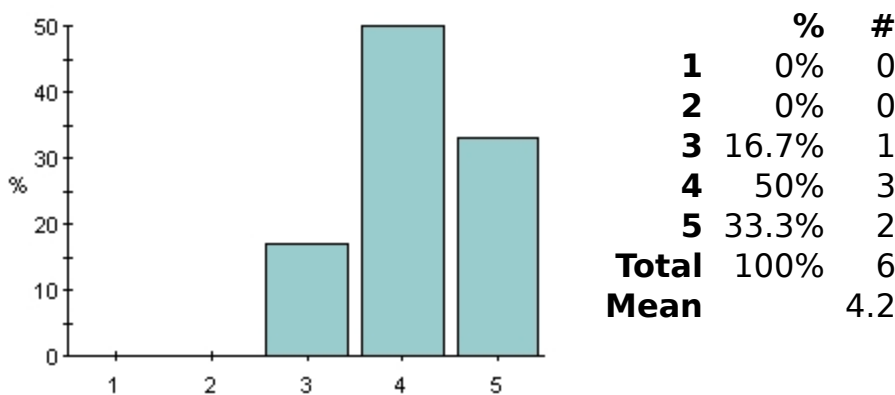
Most often you stuck at a minor point or just need a small hint in the right direction, compared to the exercise hours, where you get a full explanation.

— Since the examinations exercises were so hard I never really had time to do the other exercises. Hence the problem solving sessions did not help me very much. Beside this there should have been 1 more solving session planned each week. We usually had 1 more session per week, but it was not originally scheduled.

Grade = 4 (one comment)

— I didn't always had the time to prepare for them, because I wanted to read the corresponding chapter before solving the exercises (as recommended), but ended up endlessly trying to catch up with the lecture topics. When I did managed to prepare for the problem sessions, it was worth it though, I liked the discussions, and they were really beneficial. Roman did a good job there as well.

What is your general opinion of the balance between lectures and problem solving sessions?



Comment

4 have commented on this question

Grade = 3 (one comment)

— In my opinion more exercise sessions would have been beneficial and less content in the lectures.

Grade = 4 (2 comments)

— Lectures are fine, but add one solving session per week.

— I think it was a fair distribution.

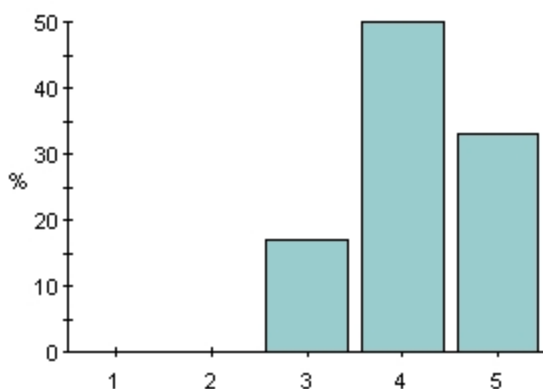
Grade = 5 (one comment)

— With the extra problem sessions that we had it was a good

mixture.

D. Exam

What is your general opinion of the hand-in exercises?



	%	#
1	0%	0
2	0%	0
3	16.7%	1
4	50%	3
5	33.3%	2
Total	100%	6
Mean		4.2

Comment

2 have commented on this question

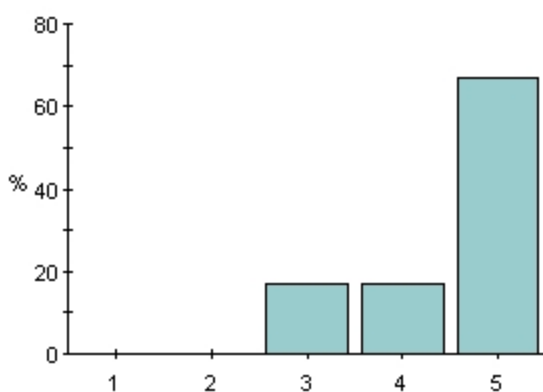
Grade = 3 (one comment)

— Takes a very long time to complete them all, might be a bit too much.

Grade = 4 (one comment)

— Many of them were lengthy and hard. I spend most time solving them instead of understanding the theory of the course.

What is your general opinion of the oral exam?



	%	#
1	0%	0
2	0%	0
3	16.7%	1
4	16.7%	1
5	66.7%	4
Total	100%	6
Mean		4.5

Comment

3 have commented on this question

Grade = 3 (one comment)

— I dislike the idea a lot of having that set of given questions, where everyone just has to memorize the answer. But i guess

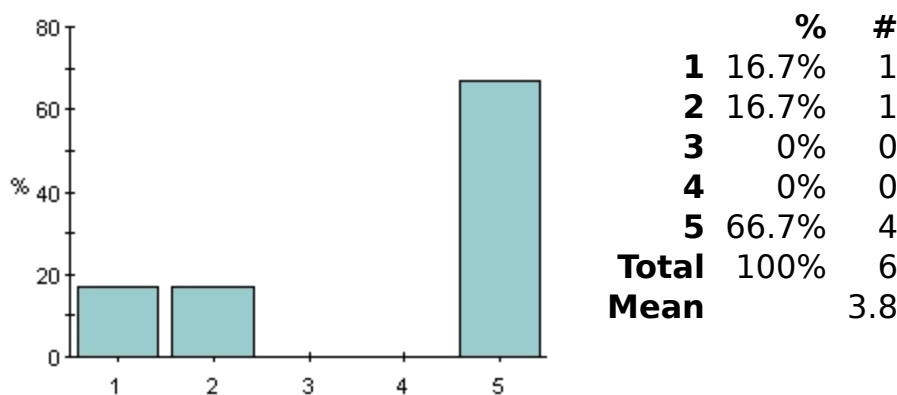
that's the only way to test this huge amount of content without creating massive failing on the side of the students. In particular if detailed derivations need to be asked.

Grade = 5 (2 comments)

— Roman was a good examiner, he focused not on what I have memorized, but on concepts and principles.

— It was performed in such a way that anyone that understands the basic concepts would pass.

Did you have enough prior knowledge for this course?



Comment

3 have commented on this question

Grade = 1 (one comment)

— I think the course is manageable if one is roughly familiar with everything up to the hamiltonian formalism and has a basic grasp on special relativity. If that is not the case the information density is fairly high.

Grade = 2 (one comment)

— The only prior knowledge of CM I had came from FYSA11, that is not enough. I am currently working on my master and have taken a few advanced courses, but an intermediate course in CM is necessary.

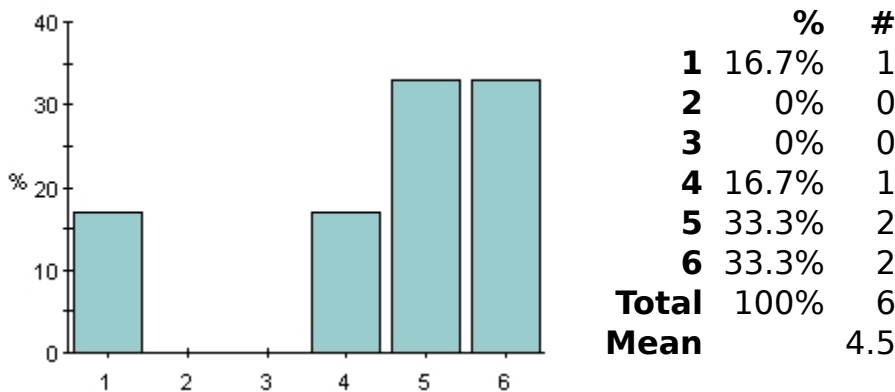
Grade = 5 (one comment)

— Much of the mathematical stuff needed was introduced during the course, which I was actually surprised by, because I thought everyone was supposed to know that (basically linear algebra). Not saying that it's a bad thing!!

E. Your efforts

In this part you are asked to estimate how much work you have committed to this course. In each case you should estimate a percentage with 1 meaning 0-20% up to 5 meaning 80-100%. If applicable, 6 means more than 100%.

How much time have you spent on this course (for a 7.5 point course 100% means five weeks, 40 hours per week)?



Comment

2 have commented on this question

Grade = 1 (one comment)

— I think this course in its full extend required easily two times more time than the average 7.5 hp course.

Grade = 5 (one comment)

— Most time spend on the examinations exercises.

F. General comments

Other comments (both positive and negative) on the course?

2 have answered this question

— The amount to be learnt in this course is really impressive and I think that these concepts take some time to absorb, maybe even unconsciously, and therefore would prefer a course that extends over a full semester. But anyway, a good course, thanks for that.

— One idea is maybe to interact a bit more during the lectures. Since the number participants in the course is not very large, I think it would be nice to have some small question during the

lectures, which sort of test if you understood was what just said. It should not be full exercises, and just small question to make you think instead of just sitting there and listen.

Thank you for your participation!

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