Prof. Dr. Roderich Tumulka

Foundations of Quantum Mechanics Fachbereich Mathematik WiSe 23/24

Erfasste Fragebögen = 11

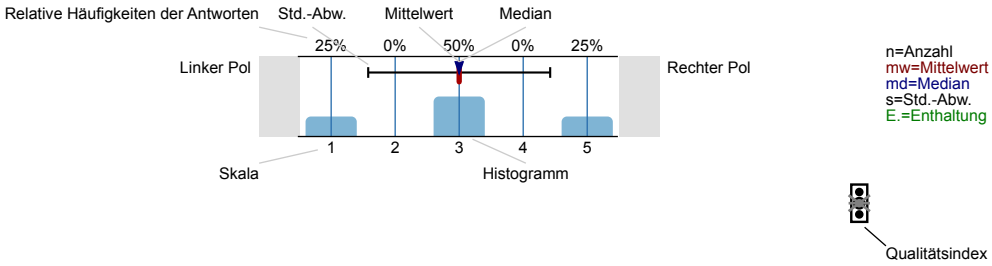
Anzahl der versendeten TANs (Online) = 34

Rücklaufquote (Online) = 32.4

Auswertungsteil der geschlossenen Fragen

Legende

Fragetext



Erklärung der Ampelsymbole

Der Mittelwert liegt unterhalb der Qualitätsrichtlinie.

Der Mittelwert liegt im Toleranzbereich der Qualitätsrichtlinie.

Der Mittelwert liegt innerhalb der Qualitätsrichtlinie.

1. Note

The department is conducting evaluations of modules in order to improve teaching quality. You are therefore asked to fill this form, possibly for several modules. Your data will stay anonymous. Thank you for your cooperation.

2. Your Course

2.1) 1.1 What is your major subject?

n=11

Mathematics	27.3%
Mathematical Physics	18.2%
Physics	54.5%

2.3) 1.2. What is your degree course?

n=11

B.Ed.	0%
B.Sc.	81.8%
M.Ed.	0%
M.Sc.	18.2%

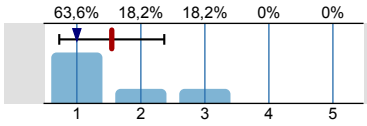
2.5) 1.3 Which semester are you in?

n=11

1-2	18.2%
3-4	18.2%
5-6	27.3%
7-8	18.2%
9-10	0%
>10	18.2%

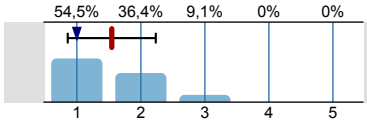
3. Lecture

3.1) The course aims have been clearly defined.



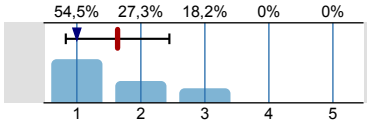
n=11
mw=1,5
md=1
s=0,8

3.2) The instructor presents the material in a comprehensible way.



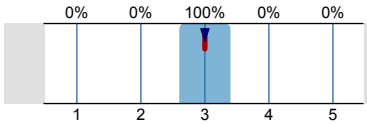
n=11
mw=1,5
md=1
s=0,7

3.3) The aims and the structure of the course are clear.



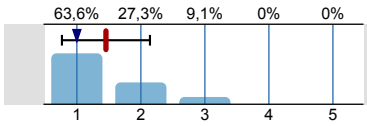
n=11
mw=1,6
md=1
s=0,8

3.4) The speed of lecturing is



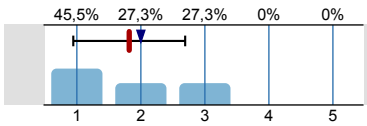
n=10
mw=3
md=3
s=0

3.5) The instructor appeared to be well prepaired.



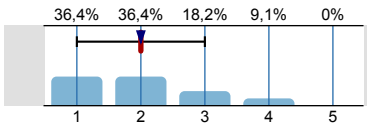
n=11
mw=1,5
md=1
s=0,7

3.6) The instructor stimulates active participation.



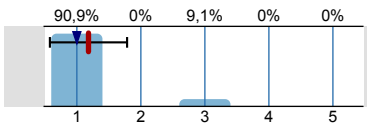
n=11
mw=1,8
md=2
s=0,9

3.7) The instructor encourages independent treatment of the issues.



n=11
mw=2
md=2
s=1

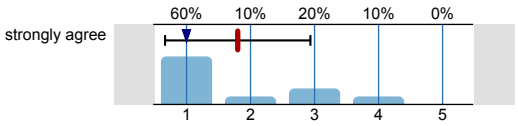
3.8) Attending the course has been useful to me.



n=11
mw=1,2
md=1
s=0,6

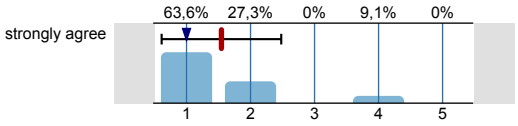
4. Exercises

4.1) Attending the exercise class has been worthwhile.



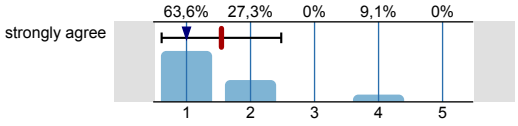
n=10
mw=1,8
md=1
s=1,1

4.2) The exercises have encouraged me to further engage in the contents of the lecture.



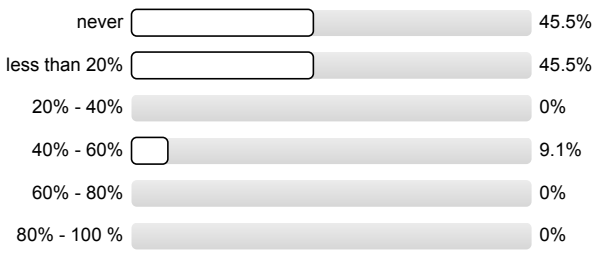
n=11
mw=1,5
md=1
s=0,9

4.3) The exercises match the current content of the lecture.



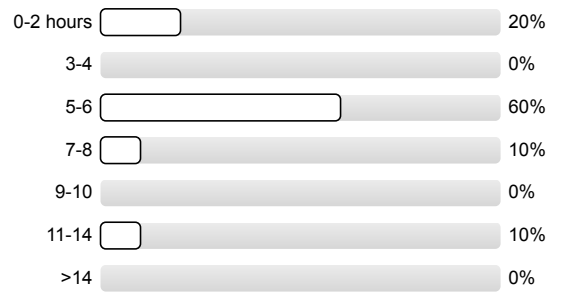
n=11
mw=1,5
md=1
s=0,9

4.4) Truth to be told: this semester I have copied complete exercise solutions.

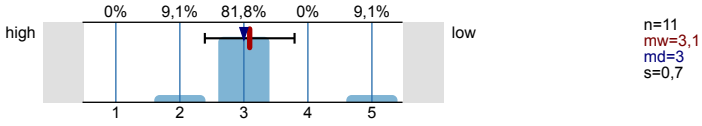


5. Overall impression

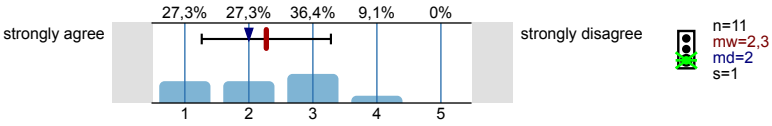
5.1) Beside lecture and exercise class, I work the following number of hours per week on this course:



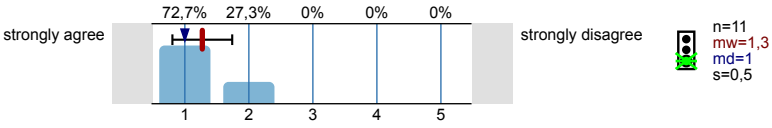
5.2) I think this amount is



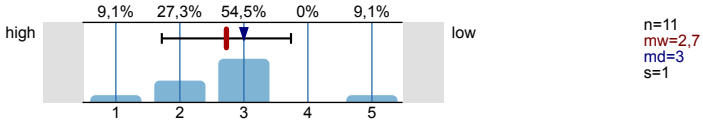
5.3) In this course, it is always clear to me, what I need to do.



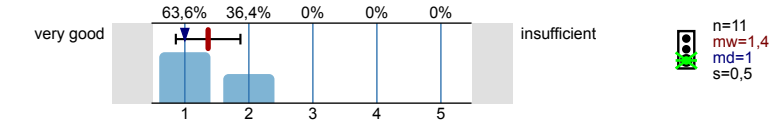
5.4) The course has increased my interest in the subject matter.



5.5) The degree of difficulty of the course is



5.6) I give this course the following grade:

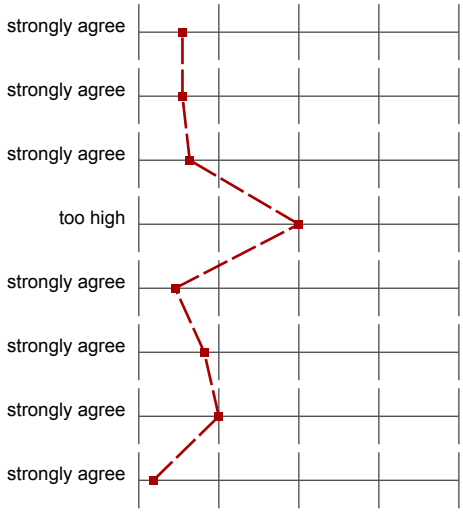


Profillinie

Teilbereich: Fachbereich Mathematik
Name der/des Lehrenden: Prof. Dr. Roderich Tumulka
Titel der Lehrveranstaltung: (Name der Umfrage) Foundations of Quantum Mechanics (MAT-65-15-WS2324)

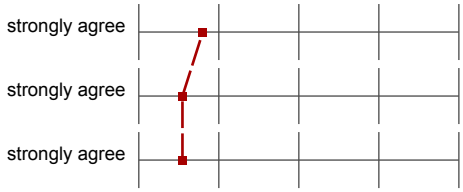
Verwendete Werte in der Profillinie: Mittelwert

3. Lecture



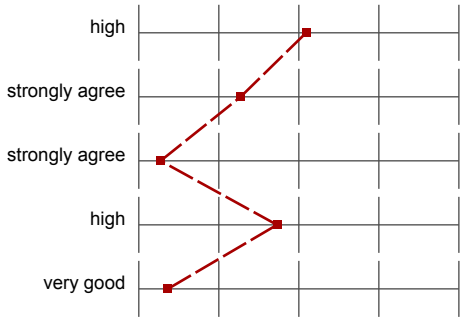
3.1)	The course aims have been clearly defined.	strongly agree	strongly disagree	n=11	mw=1,5	md=1,0	s=0,8
3.2)	The instructor presents the material in a comprehensible way.	strongly agree	strongly disagree	n=11	mw=1,5	md=1,0	s=0,7
3.3)	The aims and the structure of the course are clear.	strongly agree	strongly disagree	n=11	mw=1,6	md=1,0	s=0,8
3.4)	The speed of lecturing is	too high	too low	n=10	mw=3,0	md=3,0	s=0,0
3.5)	The instructor appeared to be well prepaired.	strongly agree	strongly disagree	n=11	mw=1,5	md=1,0	s=0,7
3.6)	The instructor stimulates active participation.	strongly agree	strongly disagree	n=11	mw=1,8	md=2,0	s=0,9
3.7)	The instructor encourages independent treatment of the issues.	strongly agree	strongly disagree	n=11	mw=2,0	md=2,0	s=1,0
3.8)	Attending the course has been useful to me.	strongly agree	strongly disagree	n=11	mw=1,2	md=1,0	s=0,6

4. Exercises



4.1)	Attending the exercise class has been worthwhile.	strongly agree	strongly disagree	n=10	mw=1,8	md=1,0	s=1,1
4.2)	The exercises have encouraged me to further engage in the contents of the lecture.	strongly agree	strongly disagree	n=11	mw=1,5	md=1,0	s=0,9
4.3)	The exercises match the current content of the lecture.	strongly agree	strongly disagree	n=11	mw=1,5	md=1,0	s=0,9

5. Overall impression



5.2)	I think this amount is	high	low	n=11	mw=3,1	md=3,0	s=0,7
5.3)	In this course, it is always clear to me, what I need to do.	strongly agree	strongly disagree	n=11	mw=2,3	md=2,0	s=1,0
5.4)	The course has increased my interest in the subject matter.	strongly agree	strongly disagree	n=11	mw=1,3	md=1,0	s=0,5
5.5)	The degree of difficulty of the course is	high	low	n=11	mw=2,7	md=3,0	s=1,0
5.6)	I give this course the following grade:	very good	insufficient	n=11	mw=1,4	md=1,0	s=0,5

Auswertungsteil der offenen Fragen

2. Your Course

2.2) Other:

Es wird keine Auswertung angezeigt, da die Anzahl der Antworten zu gering ist.

2.4) Other:

Es wird keine Auswertung angezeigt, da die Anzahl der Antworten zu gering ist.

3. Lecture

3.9) You can put further comments here.

- It is the best lecture I've ever had. Not only because I like the content but because the instructor is open to every sort of question and takes time to answer in detail. As a result we always have some interesting discussions about the topics which I enjoy very much. In addition to that the instructor talks honestly about his understanding of the theories he introduces. I've never heard an instructor say that he/she finds it difficult to explain something. Hearing that helps a lot, especially when trying to figure out what can be said clearly and what remains fuzzy. Otherwise I never knew whether I just don't understand it or whether there is nothing to understand. Thanks for making that clear!
- Most of the arguments have been not precise enough for me. Most of the times details are left out and most things are a bit too handwavy for me.

4. Exercises

4.5) You can put further comments here.

- I like the atmosphere of Ozan's Exercise Class.
- I like the idea of reading and writing assignments. It encourages us to think about the concepts of physical theories in a more abstract and philosophical way instead of calculation only. In my opinion this is very important to understand a theory and check if it makes sense. By just calculating results you don't necessarily learn more about the nature of reality but only about the tools of the theory you are using. And I don't want to be good at using a theory only but understand it too.
- Viet is such a great tutor. I have skipped going to some party on Thursday just to attend this Tutorium on more than one account.

5. Overall impression

5.7) You can put further comments here.

Es wird keine Auswertung angezeigt, da die Anzahl der Antworten zu gering ist.

6. Overall impression free text

6.1) What do you like about this course?

- Deep concepts concerning the foundation of reality are discussed.
  Since there is no answer yet therefore different competing approaches get explained and compared, which gives a basis to work on such a topic on ones own.
- I really like the intersection of different subjects.
- Rodi :)
- The reading assignments and the discussion of the philosophy/interpretations of Quantum Mechanics

6.2) What do you dislike about this course?

- 8 am lectures ._.
- Some times I find the philosophical topics in this lecture pretty basic. I Would love to see a deeper dive in the philosophical implications of different theories and how they might impact different philosophical traditions and schools.

  But I see, that this could be difficult, because of the heterogeneity of the group.
- Sometimes it seems that philosophical arguments overrule the physical ones.
  Physics as a science of nature should not be subjective and the lecturer should state against such comments from the audience.

6.3) How could this be improved?

- In some lectures there were a lot of questions. This made the lecture even more engaging for me. Sometimes I'd wish that there would be more space for classroom debates. But I'm not sure if this is even possible to implement in a lecture like format.