

Lecturer

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Tutorials

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Details of the lecture:

Lecture: **Monday, 3.45 pm–5.15 pm**, weekly, building **30.22** in **Otto-Lehmann Lecture hall**.

Please note that there will be no lecture in the week 06.06.2022 - 11.06.2022 due to the Pentecost holiday!

Details on the tutorials:

We discuss in the tutorials questions from the lectures, problems that occurred in the solution of the exercises, questions on the new exercises, and mathematical aspects of the lecture.

We will have tutorials on the lecture in the following time slots:

Tutorials:	Tuesday, 2.00 pm–3.30 pm, roughly bi-weekly (start: April 26)	30.23, 11/12
	Tuesday, 3.45 pm–5.15 pm, roughly bi-weekly (start: April 26)	30.23, 11/12
	Thursday, 2.00 pm–3.30 pm, roughly bi-weekly (start: April 28)	30.23, 11/12

Assignment of your tutorial group

How do you get assigned to a specific tutorial group? We have to do this in an organized manner to assign an equal number of students to each tutorial.

First of all, you must have joined the Theoretical Optics module in the ILIAS system to participate in the tutorials. On the front page of the Theoretical Optics module in ILIAS you can find a poll at the bottom right corner that is open until the first lecture week (until April 21, 00:00). Choose as many as possible tutorial groups that work for you. Exclude those that you cannot attend. Once you are assigned to the tutorial group, you will be informed via an email sent from the ILIAS system in which group you are.

The passing of the tutorials is a prerequisite to being eligible for registration for the exam in CAMPUS. Therefore, you have to register for the tutorials in CAMPUS (it is called unit there). Then, towards the end of the lecture period, we will enter your passmark to CAMPUS, and only then you can register for the exam in CAMPUS.

Procedure for the exercise sheets

The scheme for the exercises is introduced below, together with a summary table.

- The exercise sheet will be available online in the ILIAS system two weeks ahead of the tutorial week in the "Tutorials >> Question sheets" folder.
- To hand in your solution, please prepare your document as a single pdf file and upload it to your group folder shown in "Tutorials >> Hand in >> Tutorial Group #" in the TO module. Hand in your solution in ILIAS by Thursday 4 pm, the week before the respective tutorials.

- After correction, we will return your solution via personal feedback through ILIAS.
- Solutions to the exercise will be discussed in the tutorials on Tuesday and Thursday of the tutorial week.
- This scheme repeats for the tutorial weeks.
- Note: There are special tutorials in week starting April 25, to discuss some basics.

Mon	Tue	Wed	Thu	Fri
Release				
			Hand-in	
Tutorial week				

The tutorials take place in the week of:

- April 25: 0th tutorial (for some basics and no exercises)
- May 9: 1st tutorial (for lectures 1&2)
- May 23: 2nd tutorial (for lectures 3&4) *
- June 13: 3rd tutorial (for lectures 5&6) *
- June 27: 4th tutorial (for lectures 7&8)
- July 11: 5th tutorial (for lectures 9&10)
- July 25: 6th tutorial (for all lectures having been given)

* The Thursday tutorial in these weeks, unfortunately, collides with a public holiday. We will shortly discuss in the first lecture and finally decide with the students in the first Thursday tutorial how to deal with this. We could (a) shift the tutorial by one week or (b) seek an alternative time slot in the same week that suits all the student participating in the Thursday tutorial.

In the tutorial, we will randomly select one student for each question and ask them to explain their solution. If you cannot explain what you have done in your solution, you lose the points of that series. Please understand that we have to put such measures in place to verify whether you have been simply copying the solution from other students or whether you have been digesting them. The candidates to be selected will be those who got more than 50% points on each question. Therefore, please be prepared for the explanation, if applicable.

The last series of exercises is a mock exam that prepares you for what you can expect at the actual exam.

As the correction of the solution is handled electronically, please either bring your hand-written solution to the tutorials, a print-out of your electronically written solution, or a notebook that allows you to work on your solutions in the tutorial.

Examination

Type:

For KSOP students, there is a written examination (120 minutes) on the dates defined below. The examination is written without any documents or supporting equipment. For Master of Physics students, there is no particular examination for the "Schwerpunktfach" and the "Nebenfach". The students from the "Ergänzungsfach" shall write the written examination.

Credit acquisition:

For KSOP students and the students in the "Nebenfach", 50% of the problems given in the exercises, including a mock exam, have to be solved correctly. The points will be evaluated based on the solutions you have been providing. However, in the tutorials, we will randomly pick a student from those that got 50% of the points of a specific exercise to verify that the student fully understood the solution. In the case you cannot explain the solution suitably, we will not count the entire series for you.

This is also necessary for those that wish to receive an attendance certificate ("Schein"). For the students of the "Schwerpunktfach" and "Ergänzungsfach," participation in the tutorial is necessary.

Course information

All course information can be found at <https://ilias.studium.kit.edu>

Details on the exams

After you have registered for the tutorial/unit in the CAMPUS system, you have successfully passed the tutorials, and we have entered this passmark, you have to register via CAMPUS for the exam.

Both examinations are already activated in the Campus system for registration. Therefore, kindly note the last moment for registration and respect it! No late registrations can be considered. If your study program is not managed in Campus, please pick up your paper registration at the examination office ('Prüfungsamt') from your faculty and hand over the document to the administrative assistants of my institute. They are sitting in room 11.1 in the physics building.

First written examination:

Monday (08.08.2022), 08:00 bis 10:00

30.22 Gaede-Hörsaal

Last moment for registration: 3.08.2022 12:00

Second written examination:

Wednesday (28.09.2021), 08:00 bis 10:00,

30.22 Otto Lehmann HS

Last moment for registration: 26.09.2021 12:00

Please be at the location 15 minutes before the exam starts, as it takes time for us to organize everything, i.e., collecting signatures and placing you correctly.