General remarks for all projects

You will have to

- analyze the problem,

- write a Python code,

- run and test the code (perform test with known results & limiting cases to validate the code, state the results you got for these tests),

- visualize the data numerical data,

- extract answers to the physics question on the exercise sheet.

For each project you will submit a report describing the physics problem, your way of attacking it, and the results you obtained. Provide the documented Python code in such a form that we can run the code (no operating system specific libraries). A Jupyter Notebook including the code and report is nice but not necessary.

Regulations and Grading

- 50% to 70% deduction if providing only the final result without showing the steps leading to the result.

- If we find two very similar or even completely identical codes, we will penalize students with at least a 100% deduction for the task. Also negative points are possible. In repeated cases, the course will be failed.

- If you use resources like books or websites to get help for solving problems, these have to be referenced. In addition, explanations and/or examples should prove that the submitting student has understood in detail the referenced parts.