

Physics 307L: Homework #2
Due November 7, 2012
10 points

Review a lab report. You will receive an email that includes a PDF file of another student's lab report. Give feedback to the other student on how to improve their lab report. Address the questions below in your review. Submit your comments as a word or PDF file by e-mail with the subject '307L Lab report 2 review'. You may also put hand edited manuscripts in my mailbox and they will be given back on Monday during class.

- Does the lab report follow the style guide? If not, specifically state what needs to be improved.
- Are the results clearly stated in the abstract?
- Does the introduction give background on the physics, motivation for the experiment, and a conceptual summary of the experimental setup?
- Are the experimental methods clearly stated?
- Are the data analysis methods clearly stated?
- Is the error analysis process clearly described and have a clear result?
- Is data presented in a clear and understandable way with appropriate plots and tables?
- Are all figure and table captions complete? Can you understand the meaning of figure and tables from the captions? Are all figures referred to from the text?
- Do the results and conclusion sections clearly explain the main result along with the importance of the result?
- Are citations present and used properly?
- Could you repeat this experiment (along with data analysis) using only this lab report?
- Are there any other issues that could be addressed to improve the lab report?