

PHYS 391, Homework #1

Key Concepts

- Measurement Uncertainties
- Significant Figures
- Rules for Error Propagation

Reading: Taylor Chapters 1-3

Homework Problems (taken from Taylor):

1. Problem 2.18 - plot this using any language or program - just don't draw it by hand
2. Problem 2.27
3. Problem 3.16
4. Problem 3.24 - If you are uncertain about this, do problem 3.23 also and check your answer against the back of the book. They are very similar problems.
5. Problem 3.31
6. Problem 3.46