

Physics 566 Problem Set #2
Reading: CP Chapters 4 and 5
Available January 24th
Due January 31st

Please follow the guidance of last week and, like before, please turn in (by attachment in the Sakai assignment) both a PDF exported version of the notebook and the .ipynb file itself. Note: you can find data-files etc referred to in the problems at <http://www-personal.umich.edu/~mejn/cp/programs.html>

- (1) CP 3.1** [Plot data with a smoothed running average]
- (2) CP 3.2** [Curve Plotting]
- (3) CP 3.8** [Least Squares Fitting and the Photo-electric effect]
- (4) CP 4.4** [Accuracy of Integration]
- (5) CP 5.1** [Integration of Velocities with the trapezoidal rule]
- (6) CP 5.2** [Integration with Simpson's Rule]