

Oberlin College Physics 212, Fall 2021

## Assignment 6:

### Classical Mechanics Isn't Right

Wednesday, 10 November

We move on to the last topic of Physics 212, namely quantum mechanics.

Read Chapter 1, "Something Isn't Quite Right" from *Invitation to Quantum Mechanics*.

*Problems:* Due Wednesday, 17 November. These problems are from *Invitation to Quantum Mechanics*.

- problem 1.4: *Wien displacement law*
- problem 1.7: *Rephrasing the Einstein relation*
- problem 1.9: *Compton scattering*
- problem 1.12: *Rephrasing the de Broglie relation*
- problem 1.17: *Questions*