Problem Set 2 Python Rubric

The Python portion of this Problem Set will be graded out of 10 points and is worth 4% of your total grade.

Task	Points
Integrators • Velocity Verlet • Chosen Integrator	Points • 1.5 points • 1.5 points
Makefile/Plotting	2 points
Documentation and Reflection	5 points

Problem Set 2 C++ Rubric

This C++ portion of this Problem Set will be graded out of 10 points and is worth 4% of your total grade.

Task	Points
Class methods • Default constructor • Constructor that takes $std::\vec{}\, r$ • Copy constructor	Points • 0.5 point • 0.5 point • 1.0 point

- Get atom by index
- Adding an atom
- $size()$
- $c \leq ar()$
- Molecular weight function
- Center of mass function
- Moment of intertia function

- 0.5 point
- 1.0 point
- 0.5 point
- 0.5 point
- 1.0 point
- 1.5 points
- 3.0 points