

Applications of Classical Mechanics
Physics 350 2017W
Homework Assignment #2 (Part 1)
Due: Wednesday, February 20, 2019 (by 5PM)

Note: Please hand in your assignment if possible in the box outside Hennings 330A.
If this is not possible, for this assignment, email single PDF copy to prof.sigurdson@gmail.com instead.
This email is exclusively for PDF file submissions.

- 1. Rocket with Gravity [2 points]**
Problem 3.11 (Taylor).

- 2. Motion about Equilibrium [2 points]**
Problem 5.13 (Taylor).

- 3. The Effect of the Mass of the Spring [2 points]**
Problem 7.34 (Taylor).

- 4. Noether's Theorem for Rotations [2 points]**
Problem 7.46 (Taylor).