

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 210 – Mechanics & Heat

Spring 2021

Problem Set #13

Problem Set Due: Thurs., April 22, 2021 (late homework due date is April 23, 11:59pm)

Read OpenStax: Chapter 15.1-15.4, Lecture Notes #12

Show explicitly all your work for full credit.

- | | |
|----------------------------------|-----------------------------------|
| 1. Expert TA: 20.5.1 | <i>conceptual problem—explain</i> |
| 2. Expert TA: 20.5.4 | show calculation and figure |
| 3. Expert TA: 20.5.11 | show calculation and figure |
| 4. Expert TA: 20.6.5 | show calculation and figure |
| 5. Expert TA: 21.1.12 | show calculation and figure |
| | |
| 6. OpenStax: Example 15.1 | show figure and calculation |
| 7. OpenStax: Example 15.2 | show figure and calculation |
| 8. OpenStax: Example 15.3 | show figure and calculation |
| 9. OpenStax: Example 15.4 | show figure and calculation |