

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 210 – Mechanics & Heat

Fall 2021

Problem Set #7

Problem Set Due: Thurs., Oct. 21, 2021

Read OpenStax: Chapter 7.1-7.6, Lecture Notes #7

Show explicitly all your work for full credit.

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|------------------------------|-----------------------------------|
| 1. Expert TA: c7.1.1 | <i>conceptual problem—explain</i> |
| 2. Expert TA: c7.1.2 | <i>conceptual problem—explain</i> |
| 3. Expert TA: c7.1.3 | <i>conceptual problem—explain</i> |
| 4. Expert TA: 7.1.1 | show calculation and figure |
| 5. Expert TA: 7.1.13 | show calculation and figure |
| 6. Expert TA: 7.3.2 | show calculation and figure |
| 7. Expert TA: 7.4.2 | show calculation and figure |
| 8. Expert TA: 7.4.3 | show calculation and figure |
| 9. Expert TA: 7.4.8 | show calculation and figure |
| 10. Expert TA: 7.4.39 | show calculation and figure |