

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 210 – Mechanics & Heat

Spring 2021

Problem Set #9

Problem Set Due: Thurs., March 25, 2021

Read OpenStax: Chapter 8.1-8.5, Lecture Notes #8

Show explicitly all your work for full credit.

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| 1. Expert TA: c9.1.2 | <i>conceptual problem—explain</i> |
| 2. Expert TA: c9.1.5 | <i>conceptual problem—explain</i> |
| 3. Expert TA: 9.1.1 | show calculation and figure |
| 4. Expert TA: c9.3.2 | <i>conceptual problem—explain</i> |
| 5. Expert TA: 9.3.2 | show calculation and figure |
| 6. Expert TA: 9.3.7 | show calculation and figure |
| 7. Expert TA: 9.3.13 | show calculation and figure |
| 8. Expert TA: 9.4.6 | show calculation and figure |
| 9. Expert TA: c9.6.2 | <i>conceptual problem—explain</i> |
| 10. Expert TA: 9.6.3 | show calculation and figure |