

**Problem Set 6**

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**Due date:** Thursday, October 30, 6PM.

I give you more time to work on HW6 than usual in order to provide some relief during the midterm weeks. **The material of HW6 will be included in the midterm exam. Therefore, you should start working on HW6 before the exam.**

Problems will be collected and graded. You may bring your homeworks to class or drop them in my mailbox in front of the Physics Department office. No late homework will be considered.

The next homework will be posted on Tuesday, Oct. 28.

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1. Jackson, Problem 4.1
2. Jackson, Problem 4.6
3. Jackson, Problem 4.8
4. Jackson, Problem 4.10