

Physics A300: Classical Mechanics I

Problem Set 4

Assigned 2002 September 23
Due 2002 October 4

Show your work on all problems! Note that the answers to two of the problems are in the appendix of Marion & Thornton, but they should only be used to check your work, since the answers by themselves are an insufficient solution to the problem.

- 1 Marion & Thornton, Problem 2-14**
- 2 Marion & Thornton, Problem 2-12**
- 3 Marion & Thornton, Problem 2-32**
- 4 Marion & Thornton, Problem 2-25**