

Physics 327—Advanced Classical Mechanics
Problem Set #7
Due Friday, April 5, 2024, 2:45 p.m.

All problems are due at the *beginning* of class on Wednesday.

Text Problems

Ch. 10: 10.33, 10.36, 10.40, 10.44, and 10.45.

Academic Honesty

You may use, without proof, any results from class or from your text by simply quoting the result and giving the reference (*e.g.* equation number or page number). You should understand *how* that result was obtained, but you need not transcribe the derivation.

If you get bogged down with any of the problems, do not hesitate to discuss them with me or with a fellow student. However, if you discuss a problem with *anyone* (besides me) you should acknowledge that collaboration.