

PHYS 328

HOMEWORK #7

Due : 31 Oct. 2013

The Mathematica assignments may be submitted via email as .nb files or as part of the homework you submit in class on 31 October. The rest of the assignment must be submitted in hard copy in class.

1. Problem 3.25, p. 108, parts a) - d) only.
2. Problem 3.36, p. 119. Use the results of the first problem.
3. Problem 6.3, p. 225 (use Mathematica to do the calculations and draw the graphs; submit your code with your answer either on line or in class).
4. Problem 6.5, p. 225 parts a) and b) only.
5. Problem 6.9, p. 227 part a) only.
6. Problem 6.13, p. 228.