

Physics 221A
Fall 2011
Homework 4
Due Friday, September 23, 2011

Reading Assignment: Notes 4, pp. 8–20, Notes 5, pp. 1–20, Notes 6, pp. 1–4, Notes 8, pp. 1–5. You may skip Notes 7, which cover WKB theory.

I usually revise notes after I give my lectures, but some students wanted to see the notes anyway before the lectures are given. So I have begun to mark the notes as “complete” or “incomplete.” If they are incomplete, it means that there will probably be more revisions, so if you want hard copies you might want to wait until they reach completed status before printing them.

Please do Problems 4.3, 4.5, 5.1, 5.3 and 6.1.