

Caltech – Ph106b – Winter 2002

Problem Set 4

due 2-5-2002

Please turn in **three** of the following four problems. If you want to turn in all four, your score (out of 30) will be the sum of the scores on the problems you did best on.

1. (Pole in a barn) H&F 12-4.
2. (Rapidity) H&F 12-9.
3. (B^0 decays) H&F 12-12.
4. (Relativistic lagrangians + hamiltonians)
 - (a) H&F 12-21.
 - (b) H&F 12-22.