

Physics G6050 – Assignment 4

Due: Monday November 13, 2006

Problems from Griffiths:

Chpt 7 - 7.18, 7.24, 7.34, 7.36, 7.41

Other Problems:

(1) Read the accompanying two papers on the discovery of the J/ψ meson, providing the first experimental evidence for the existence of the charm quark. Explain briefly for each experiment how the J/ψ mesons were produced and observed.