

Physics 221B
Spring 2016
Homework 9
Due Friday, April 8, 2016 at 5pm

Reading Assignment: Notes 40 have been revised, and if you have printed out a copy, it is probably old and you will want to reference the copy on the course web site. Please read (the revised) Notes 40, Secs. 6–12. Skip from the beginning of Sec. 13 to the bottom of p. 20 (this part concerns the angular momentum of the photon, which we will skip), but pick up where it starts to talk about the wave function of the photon and read to the end of the notes. These notes still need more revision. Also, please read Notes 41, pp. 1–4.

Please do Problems 40.1, 40.2 and 40.3.