

Physics 125c
Problem set number 9
Due Wednesday, June 2, 2004

Notes about course:

- There is a web page for this course, which should be referred to for the most up-to-date information. The URL:
<http://www.hep.caltech.edu/~fcp/ph125/>
- This is the last homework assignment for seniors and graduate students. For others, there will be one more problem set.

READING: Finish reading the “Density Matrix Formalism” course note.

PROBLEMS:

32. Do exercise 6 of the “Density Matrix Formalism” course note.
33. Do exercise 8 of the “Density Matrix Formalism” course note.
34. Do exercise 9 of the “Density Matrix Formalism” course note.
35. Do exercise 10 of the “Density Matrix Formalism” course note.