

Physics III
Homework Four
Due Friday 20 April, 2007

1. In the EPR experiment described in Chapter 6, suppose that a right-going particle has the instruction set GRG. Complete the table on page 44 for this situation. What is the probability that the two detectors flash different colors?
2. Repeat the above problem for the case in which the left-going particle has the instruction set RRR.
3. Styer, 6.2
4. Styer, problem 6.4