Physics 115C Fourth Problem Set

Harry Nelson
Office Hours W 10-noon
TA: Lawrence Lin, Office Hours M10-11, Tu 12:30-1:30, W9-10

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1. Exercise 14.3.4 on page 384 of the textbook.

2. Exercise 14.3.7 on page 385 of the textbook.

3. Download the 'Spins' Java applet from the web page, and configure the experiment shown below. What choices of θ for the middle analyzer maximize the fraction of particles that go into the middle two of the four counters at the right? Additionally, perform an analytic solution of this problem.