

Physics 430I Long Paper

1 Important Information

Length ~ 6 typed, double-spaced pages (~ 1800 words) or more

First Draft Due: February 7, 2011

Peer Evaluations Due: February 11, 2011

Final Draft of Paper Due: February 18, 2011

2 Overview

For this paper you are going to carry out a series of simulated Stern-Gerlach experiments using the SPINS Java program. A package of materials for conducting the various simulations is available as a Java program (PHY430LongPaper.jar) on the VikingWeb page for this course. Please download this program, then double-click the PHY430LongPaper.jar file to start up the Launcher Package that will provide you with everything you need to run all of the simulations. Follow the instructions in the Launcher Package and come talk to me if you run into any trouble.

I'll provide more information about the Peer Evaluations and the Final Draft in later handouts. Good luck!