

PHYS 480 WORKSHEET #1

Devise an experiment to measure the spin quantum # of the electron. In your groups compose a proposal for this task you think will be successful. Consider 3 things (at least...)

#1: what measurement apparatus would do the trick? [use cartoons, and otherwise describe what you need, how it will 'work', and what you expect the results to look like...]

#2: what physical model will you use to understand the results? [use equations, or physical laws ... are those the same thing?]

#3 Explain the logic make your (expected) experimental results convincing to the scientific community of physicists