PHY 180 Lab
Reading Assignment #15

Reading: Section 5.4 – 5.5 (pg 135-141)

Reading Questions:
• What information is plotted in figure 5.13? How do you read that graph?
• What information is given in Appendix A? How do you read that table?

Practice Problems:
• Quick Check 5.4
• Problem 5.18
• Problem 5.19
• Problem 5.20
• Problem 5.25

To determine the due date for this lab assignment, please look at the ‘lab component’ section on the course webpage.
Problem 5.18 \( \Rightarrow 2\sigma \ldots 95.45\%; 95.00\% \ldots 1.96\sigma \)

Problem 5.20
(a) 680
(b) 160
(c) 1 to 2
(d) 137

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