

Lecture 20

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Read pages 904 – 908 in the textbook (Serway 9th edition) and do the following:
 - 1) Quick Quizzes: 30.1
 - 2) Book Objective Questions (p. 923): 6 and 8
 - 3) Book Problems (p. 925): 2

Goals for the Lecture:

- 1) Be able to calculate the magnetic field from a current carrying wire segment using Biot-Savart Law (integrating over the current path)

Post-Lecture Study Guide (I do not collect this):

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas. Review the pre-lecture questions to make sure you understand them.

Do problems:

Ch 30: Conceptual Questions:

Ch 30: Objective Questions: 5 and 7

Ch 30: Problems: 5

Continue with the additional recommended study problems from chapter 30