

Read Chapter 7 and Review Chapters 1 - 7:

Problem 1: 7.4 (for the source origin at the middle of the dipole, also $-l/2 \leq z' \leq l/2$).

Problem 2: 7.5 For angle ϕ use the range $-45^\circ \leq \phi \leq 45^\circ$

Problem 3: 7.6

Problem 4: 7.8 (a) only.

Problem 5: 7.9 Plot the equations for each angle. The equations for angles 45° and 30° are given in problem 7.8.