

My Lectures from : Purcell Chapter 5

Web Notes : Lecture Notes #4, #5c (45-60)and #6

Other Notes: Magnetic Fields; Source B Field

Purcell Problems:

- 5.02 Electrons on a filament
- 5.03 Properties of an electron beam
- 5.05 Sheet of charge
- 5.08 Charged particle interaction
- 5.09 Deflection plates
- 5.10 Two massive particle passing
- 5.13 What is the electron doing?
- 5.14 What does the field look like?
- 5.17 Must have a magnetic field also
- 5.18 Composite line of charge
- 5.19 Field of rebounding proton