

Ch 21 HW Quiz #2B

For the arrangement shown below,

- Find the magnitude and direction of the magnetic field at point P due to the two wires I_3 and I_4 .
- If a proton were moving through point P in a direction perpendicular to and out of the page with a speed of 6.5×10^6 m/s, what would be the magnitude and direction of the magnetic force it feels?

