

Quiz 21.2a

Two wires have currents that are perpendicular to the plane of the page as shown.

- Determine the magnitude and direction of the magnetic field due to the two wires at point P, shown below.
- Suppose a third wire with $I_2 = 2.1$ Amps and length of 1.0 meters, passes through the plane of the page at point P with a current that points out of the page. What would be the magnitude and direction of the magnetic force on wire I_2 ?

