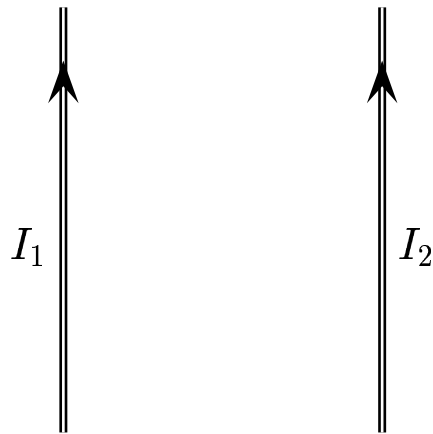


Two parallel wires  $\parallel$  have currents  $I_1$  and  $I_2$ .



At a point on the wire with current  $I_2$ , the direction of the magnetic field  $\vec{B}_1$  due to the current at  $I_1$  is

- A) out of the page.
- B) into the page.
- C) to the left.
- D) to the right.
- E) undetermined, since  $B = 0$ .

---

By the RH-rule for a long wire, the direction of  $\vec{B}_1$  is into the paper.  
Answer **B**.