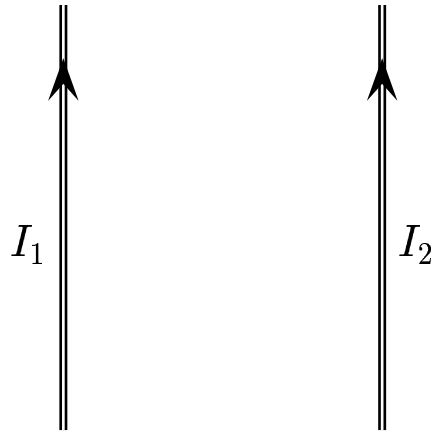


Two parallel wires \parallel have currents I_1 and I_2 .



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**.

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