

Magnetic Field from a Wire Problem

1. Calculate the current running through a wire to produce a magnetic field as strong as the Earth's 5 cm away from the wire.

Ampere's Law Problem 1

2. Find the B field 2 sm above two parallel wires with anti-parallel currents of 5 A.

Ampere's Law Problem 2

3. Find the B field 2 sm above two parallel wires with parallel currents of 5 A.