

MAGNETISM

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Strictly in English

When electric charge carriers move through space or within an electrical conductor a magnetic field is generated.

Movement and velocity, are a matter of reference system, so the same happens if a magnet is moving near charge carriers

There are similarities between magnetic and electric fields.

But there are differences in the ways electrostatic and magnetic fields interact with the environment.

Electrostatic flux is impeded or blocked by metallic objects.

Magnetic flux passes through most metals with little or no effect, with certain exceptions, notably iron and nickel.

Now
some question to review
notions

1) What is “Magnetic Field?”

2) What is the source of a magnetic field?

3) What happens if a current-carrying wire is surrounded by a “Magnetic Field?”

4) Which is magnitude and direction of a solenoid's magnetic field?

5) What happens if two current-carrying wires are put near each other on the same plane?

6) What happens if two current-carrying wires are put near each other on perpendicular planes?

7) Which are the characteristics of the magnetic field create by a electric current-carrying circular wire?

8) Is the Earth North Pole a north pole?