

{ The ELECTROMAGNETISM and uses with the amp. It }

Electromagnetism is the study of the relationship between electric charges and magnetic fields. It is a fundamental force of nature that governs many physical phenomena in our everyday lives. Here's a full concept of electromagnetism A to Z with examples and its uses:

A: Ampere's Law - A mathematical formula that describes the relationship between a magnetic field and the electric current that produces it.

B: Magnetic Field - A region around a magnetic material or an electric current where a magnetic force is observed.

C: Coulomb's Law - A mathematical formula that describes the attraction or repulsion between electric charges.

D: Dipole - A pair of equal and opposite electric charges or magnetic poles that are separated by a small distance.