

Chapter 32 Electrostatics

An atom is composed of

There are kinds of charge.

A has charge.

The is the particle which is outside the nucleus.

The is the particle which is more likely to move in a conductor.

A is a substance which permits the free movement of

A is a substance which resists the movement of

Two similar charges will each other.

Two opposite charges willeach other

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Coulomb's Law

$$F = \frac{k q_1 q_2}{r^2}$$

http://www.colorado.edu/physics/2000/waves_particles/wavpart2.html

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Charging by friction
Charging by contact
Charging by Induction

Polarization (Total charge is neutral, but the charge is spatially separated.)
This is why a charged object can attract a neutral object!

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