Phys 259 Lecture 3

Coulombs Law:

Forces can be observed between two or more charged objects. This force can be calculated using coulombs law.

Constant:

With - Permittivity of empty space

Reminder of Notation:

is a Vector (Magnitude and Direction)

is a scalar (Magnitude only)

is the x-component of vector

is the y-component of vector

**Figure 1:**