



()

:

(diameter)

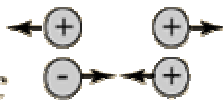
:

r

q

F

*Electro-
magnetic*



Strength

$$\frac{1}{137}$$

Range (m)

Infinite

Particle

photon
mass = 0
spin = 1

Electric

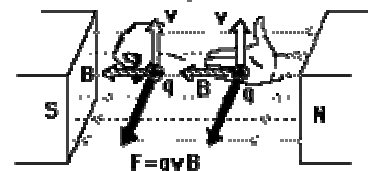
$$F = \frac{kq_1q_2}{r^2}$$



v

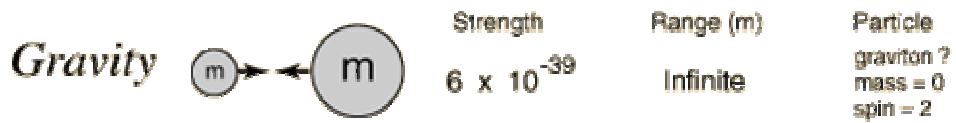
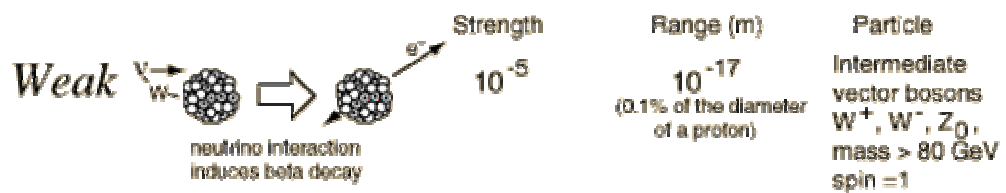
B

Magnetic



q

$$F = qvB$$



$$F = GmM/r^2$$