

Unified acceleration and force

António Saraiva – 2010-05-06
ajps2@hotmail.com

See Unified Absolute Relativity Theory at:

www.wbabin.net/saraiva/saraiva305.pdf
www.wbabin.net/saraiva/saraiva306.pdf
www.wbabin.net/saraiva/saraiva307.pdf
www.wbabin.net/saraiva/saraiva328.pdf

All forces are only one, the electric force.

Cooper pair acceleration and force:

$$g = \frac{Sf^3}{w} ; \quad F = \frac{hSf^4}{w^3}$$

General acceleration:

$$g = \frac{Sf^3}{w} \frac{R^2}{D^2}$$

g – Acceleration; $S = 1.9 \times 10^{-34} m^2$; f – Compton frequency; w – Wave speed;
 F – Force; h – Planck constant; R – Cooper pair radius; D – Distance; m – Mass;
 c – Light speed.

$$m = \frac{hf}{w^2} ; \quad R = \frac{n^2 x}{\pi} ; \quad n^2 = x \sqrt{\frac{\pi \alpha}{2S}}$$

x – Compton wavelength; α - Fine structure constant.

$$x = \frac{w}{f} ; \quad w = \sqrt{c^2 - Sf^2}$$

$$\Leftrightarrow g = \frac{\alpha(c^2 - Sf^2)^{3/2}}{2\pi f D^2}$$

General force between two equal particles or bodies:

$$F = \frac{h\alpha.w}{2\pi D^2}$$

Frequency of the gravitational field of the earth:

$$g = \frac{-\alpha \cdot S^{3/2} f^2}{2\pi D^2} = 9.8 ; \quad D = R_T = 6.371 \times 10^6 m$$

$$\Leftrightarrow f = -1.143 \times 10^{34} Hz - \text{Virtual photons}$$

Speed of the virtual photons:

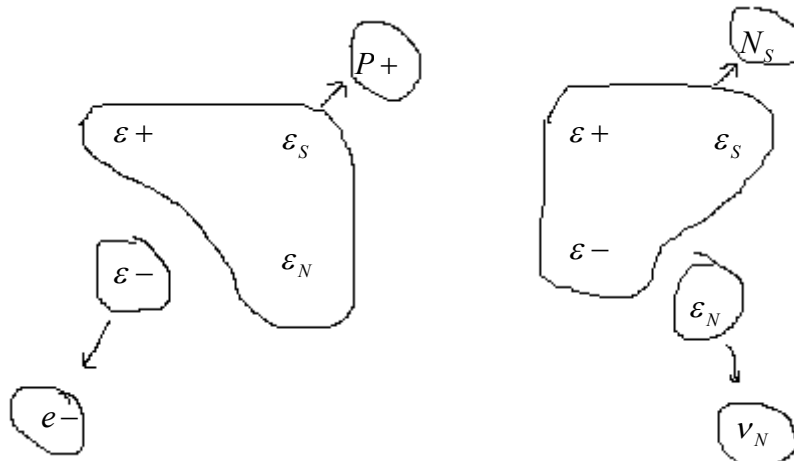
$$w = \sqrt{S} f = 1.576 \times 10^{17} m/s = 1.753c^2$$

Vacuon decay and asymmetry

Vacuon energy:

$$E_0 = \frac{\epsilon_0^2}{\mu_0^2} = 310 MeV$$

ϵ_0 - Vacuum permittivity; μ_0 - Vacuum permeability.



ϵ - Vacuon; e- -- Electron; P+ --Proton; Ns – Neutron; ν_N - Neutrino.

All the existence is equal to zero. So, our universe is not the only one, there's an antiuniverse.

There are at least four universes. Two electrically charged and two magnetically charged or neutrals.