Variables Involved in Baryonic Motion

By Aaron Guerami

aguerami@gmail.com

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Abstract: This paper describes the general equations involved in calculating baryonic energy. That energy is calculated and converted into motion, pressure, density, temperature field, electric field, and magnetic field.

$$\delta_{Dn} = \delta_{Dp} + (\Delta\delta_M + \Delta\delta_E + \Delta\delta_T) \quad \text{(1)}$$

Where:

δ_{Dn} = Current baryonic density of object.

where δ_{Dp} = Previous baryonic density of object = $(\delta_M + \delta_E + \delta_T)/(1/2bcSin(A)) \quad$ (2)
where a,b,c are the lengths of gluons
where A,B,C are the angles between gluons at the quarks [4]

δ_M = Magnetic field (W boson) emitted from and read by baryon. The W boson is related to the rotational speed of the baryon. In the case of uud, the uu quarks spin in a cone shape around the d quark. The center of this cone is the rotational axis. The faster the spin, the more intense the W boson becomes. The voltage = the rotational speed. [4]

δ_E = Electric field (Z Boson) emitted from and read by baryon.
The uu rotational plane is perpendicular to the Z boson field. The down quark is perpendicular to the rotational axis and is the direction of charge [4] using Density Function Theory. [1],[2],[3]

δ_T = Temperature field (Photon) emitted from and read by electrons of the baryon.
using Planck's spectral black body equations [5]

$$u(v,T) = (8\pi hv^3/C^3)(1/e^{(hv/kT)}-1) \quad (3)$$
$$u(\lambda,T) = (8\pi hc/\lambda^5)(1/e^{(hc/\lambda kT)}-1) \quad (4)$$

This process occurs during one spin of the baryonic object.

Equilibrium state: [4]

t_{01} = beginning of vibrations entrance to the Dark Energy Ruleset. This is the read/write phase.

where $\delta_{Dp} = (\delta_M+\delta_E+\delta_T)/(1/2bcSin(A))$ (2)

Work state: [4]

t_{11} = change period of Baryon. Application of the work equations.

where $\delta_{Dn} = \delta_{Dp}+(\Delta\delta_M+\Delta\delta_E+\Delta\delta_T)$ (1)

Equilibrium state: [4]

t_{02} = beginning of vibrations entrance to the Dark Energy Ruleset. This is the read/write phase.

where $\delta_{Dp} = (\delta_M+\delta_E+\delta_T)/(1/2bcSin(A))$ (2)

This model shows a baryon receives information form other baryons and calculates its own intensity, motion, and direction. This model does not need frame reference. Time is built into the model through the boson's spin counter.

Citations

[1] http://arxiv.org/abs/physics/9806013
[2] http://freescience.info/go.php?pagename=books&id=562
[3] http://en.wikipedia.org/wiki/Density_functional_theory
[4] http://aaronsreality.blogspot.com
[5] http://en.wikipedia.org/wiki/Planck's_law