

Mathematical theories of the solutions or observables

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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
- www.wbabin.net/stham/saraiva347.pdf

The equations of the solutions have no physical meaning, so quantum mechanics has no physical meaning as the standard model or qed.

Physical equation:

$$x^5 - bx^4 + cx^3 - dx^2 + ex - f = 0$$

Solutions: x_1, x_2, x_3, x_4, x_5

Equations of the solutions:

$$\begin{cases} x_1 + x_2 + x_3 + x_4 + x_5 = b \\ x_1x_2 + x_1x_3 + x_1x_4 + x_1x_5 + x_2x_3 + x_2x_4 + x_2x_5 + x_3x_4 + x_3x_5 + x_4x_5 = c \\ x_1x_2x_3 + x_1x_2x_4 + x_1x_2x_5 + x_1x_3x_4 + x_1x_3x_5 + x_1x_4x_5 + x_2x_3x_4 + x_2x_3x_5 + x_3x_4x_5 = d \\ x_1x_2x_3x_4 + x_1x_2x_3x_5 + x_1x_3x_4x_5 + x_2x_3x_4x_5 = e \\ x_1x_2x_3x_4x_5 = f \end{cases}$$

Heisenberg product rule:

$$Y(n, n - \beta) = \sum_{\alpha} X(n, n - \alpha) X(n - \alpha, n - \beta)$$

Wien displacement law II

Some thing is wrong with Wien law.

Wien law:

$$F = x_{MX} T = \frac{hc}{k_B 4.96} = 2.9 \times 10^{-3} mK..or..Newton$$

F – Force; x – Wavelength; T – Temperature; h – Planck constant; c – Light speed;
 k_B - Boltzmann constant.

Normal energy law:

$$k_B T = \frac{hc}{x} \Leftrightarrow$$

$$\Leftrightarrow F' = xT = \frac{hc}{k_B} = 1.44 \times 10^{-2} mK..or..Newton$$

Law for the cosmic microwave radiation:

$$F'' = \frac{q_e^2}{4\pi\epsilon_0 x_e^2 \alpha} = x_{BG} T_{BG} = \frac{hc}{k_B 2.68} = 5.37 \times 10^{-3} mK..or..N$$

q_e - Electron electric charge; ϵ_0 - Vacuum permittivity;

x_e - Electron Compton wavelength; α - Fine structure constant.

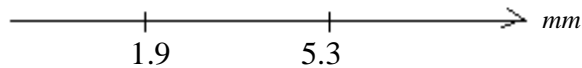
Measured values of the cosmic radiation:

$$T_{BG} = 2.725K ; \quad x_{BG} = 1.87mm$$

Natural value of the wavelength:

$$x_{BG} = 5.3mm$$

Displacement:



Time

Time is a derived unit:

$$t = LV^{-1}$$

Time is very important to relate different phenomena but it doesn't exist in nature. It's a mathematical entity.

So, it's impossible to travel physically in time, as in all the other units. We can't travel in space or energy.

If there's no variation, there's no time.

$$t = \frac{h}{\text{energy}} = \frac{\text{momentum}}{\text{force}} = \frac{\text{viscosity}}{\text{pressure}} = \frac{\varepsilon}{B}$$

$$t = \mu \cdot Q_m = \frac{Q_e}{I} = \frac{\text{energy}}{\text{power}} = \frac{\text{temperature}}{\text{intensity}}$$

h – Planck constant; ε - Permittivity; B – Magnetic field; μ - Permeability;
 Q_m - Magnetic charge; Q_e - Electric charge; I – Electric current.

Four universes

The matter-antimatter asymmetry is a mass asymmetry because our universe is not the only one.

There is a group of four universes with different masses: one with positive mass, one with negative mass and two with imaginary mass. Our universe has positive imaginary mass.

The sum of the four universes is a zero mass and the mathematical symmetries become exact.

The particles of our vacuum exist in groups of four like the universes,

There are 6×10^{23} universes.