A DISCUSSION ABOUT THE PHYSICS OF THE QUBIT UNIVERSE

Explanation of qubit universe home

Introduction

Let us remark on this. The calculation of the binary possibilities for the universe or the universes overall was relatively easy to make but not completely understood. Only remembering the supposition of the paired state of the non observable pseudo neutrinos here explained in the qubit state of the universe made sense. To the effect that the calculation used the reciprocal of the Compton length (electron) for the number of steps per metre assuming the electron is the unit of rest mass. Then discovering that the calculation made allowance for more steps of reciprocal inversions.

Discussion of the parameters for the qubit universe

So contemplating the calculation with its reciprocity as supposition it was in one situation: you take the reciprocal as the number of electrons per metre to get an impression of the mass per metre. The other option was you take one electron per reciprocal distance. If the reciprocal is $4.121 \ 10^{11}$ quantum steps then the number of electrons is $4.121 \ 10^{11}$ per metre and the other option is one electron per metre gives a distance of $4.121 \ 10^{11}$ m. Well if you work this out then an alternation between mass and volume for the universe happens. Is this approach correct? Think in terms of quantum mechanics the electron 'sees' simultaneously the weight of its number electrons per metre and at the same moment the length the one electron can reach which is the fun of the idea. However there is a restriction to this approach: it is only allowed for a non relativistic situation which comes to the 2nd consideration that indirectly it can only be valid for a non relativistic medium as a go in between the electron and the proton. So implicitly in the binary process of interactions the proton is somehow involved.

Thus what you do is for the volume you have $(L_{e1})^3$ the cubic power of L_{e1} and the other way around N_{e1} is the number of electrons per metre and so $N_{e3} = L_{e3}$.

The result is that one can continue up to $L_{e6} = N_{e6} = N_{e3}^2$ where N_{e7} and L_{e7} are the last inversion between the ultra fast dark matter medium and the production of the resonance states of proton and electron. Realise it is quantum mechanically correct 'seen' from the pseudo vector cell definition. And so our three dimensional space and matter involve seven reciprocal steps between matter and fast dark matter medium.

What made the calculation only seven inversion steps? Just a question of comparing the total mass of the universe and the educated guess of the option for the overall size of the universe which is based on the coherence length of the radius of the universe. To that effect one has to scrutinise the fundamental constants of the law of nature. These are Planck's mass of m_{pl} and Planck's length of λ_{pl} . Both are composed of Heisenberg's uncertainty constant or Planck constant h (h was firstly derived by Planck for the black radiator formula around 1920), the light velocity c and the universal constant of gravity G. Formulas Planck mass and Planck length

Some unavoidable numbers

The ratio of m_{pl} / λ_{pl} is a line density in (kg/m). M_{tot} and L_{coh} should have the same ratio. But if one comes to an idea of the size and mass of the universe or universes then take the ratio one knows L_{coh} then $M_{tot} = L_{coh}^2$ or the quadratic power of the coherence length. The number of λ_{pl} quanta constitutes an event horizon of a black hole. So the line density times one metre event is the number of black holes to be aligned in one length L_{coh} .

The line density of $m_{pl} / \lambda_{pl} = 1.347\ 1027$ (kg /m)   then $L_{coh} = 1.347\ 10^{27}$ m   and

$$M_{tot} = (1.347\ 10^{27})^2 = 1.814\ 10^{54} \text{ kg due to again } M_{tot} / L_{coh} = m_{pl} / \lambda_{pl} \ .$$

Note L_{coh} is about 10 longer than Hubble's red shift distance between galaxies making in time the event size of our cosmos. $1.37\ 10^{26}$ m or 13.7 billion light years. For explanation of the factor 10, see Explanation of pyramid model. Hubble's distance is the size of our cosmos.

To come to the overall number of electron masses: $M_{tot} / m_e = 1.814\ 10^{54} / 9.109\ 10^{-31} = 1.991\ 10^{84}$ electrons. The overall cubic volume is $V_{tot} = V_{e7} = L_{coh}^3 = 2.442\ 10^{81}$ m^3 .

So all is prepared to set up the scaling calculation for the reciprocals of the mass to volume inversions. Derivation of qubit universe but converting the total number of electrons in binary number of $1024^7 = 2^{40\ x\ 7} = 2^{280} = 1.942\ 10^{84}$ which very close to the above calculation of M_{tot} .One has very much made plausible that our cosmos is composed of seven reciprocal inversions between 3D space and the inertia mass of charged matter.

An extension can be made by knowing already the constant ratio between the paired qubit cells of dark matter and electrons, giving us the total number of non observable pseudo vector cells in binary code of $2^{280\ x\ 5}$ with the ratio between electron to pair of $3.8\ 10^5$, the power of 5. Qubit definition

Physics in relation to the result of the scaling

Having an impression that the universes are binary driven by matter, then curiosity takes over. However firstly, what does it mean binary driven matter? Simply in words it means that internally let us say the proton and electron of our prime atom have an internal binary cycle or closed binary loop which can be defined as a time sequence string. This string has a certain length, the number of steps measured against c-velocity and it is always the same for either the proton or the electron. Then also defining the strings for neutrons or atoms. However outside the atoms is the ultra light or ultra fast dark matter medium with its dual properties, the qubit state. Now subject this medium to gravity because the atoms want to accelerate in themselves then explaining the meaning of binary driven. So due to matter internally the qubit state transforms in reality and does not continue as the duality option of the qubit state. So gravity forces matter into interaction between the atoms in all its infinite possibilities and reality appears to us in a certain manner of slowness because the human is subjected to biochemical quantum exchange.

The asymmetry of the Nothing

Why are the laws of nature not symmetry? In the early half of the 20th century a strong belief reigned in the science of physics, especially based on Maxwell's law of electromagnetism. More advanced all the six matrices making up GRT (general relativity theory) maintained in first instance symmetry for the laws of nature. Only due to QED electro quantum dynamics and QCD quantum colour dynamics symmetry was broken, especially between time and charge transformations for subatomic particles. Another manner of thinking is that between time and matter inertia is inherent asymmetry. So yes, transformations between time, 3D space and electric charge should be symmetric. Then there is the more modern idea based on the law of entropy which determined that time is the arrow of time direction as pointed out by Stefan Hawking and modern fundamental mathematical physics is based on this idea.

However in the pyramid model explanation of the pyramid model the quadratic phase space of time shows absolute symmetry for the energy of the carrier of ultra light dark matter medium. Since this space is quadratic two solutions are always allowed, the one for positive time and the other for the opposite direction, negative. Consequently from the symmetry of the picture of the model one can never know what is positive and what is negative. So it appears to us that time, especially due to

unidirectional gravity (acceleration) is always going in one forward direction of time. And for a long time it was thought considering the symmetry of the pyramid model that the Creation from Nothing had to be symmetric. Only due to understanding quark and electron formation in the [theory of pseudo vectors](#) the asymmetry became apparent. The asymmetry is not in time or matter conjugated matter or matter and antimatter, it is the consequence of the asymmetry between the cubic pyramid configuration solely for the electrons (leptons) and the geometry of the equilateral pyramid configuration for the quarks. This is reflected in the scheme for how the 2^{280} qubits are composing the [binary extraction f](#)or matter. And so yes despite supposedly intrinsic creation of the Nothing one qubit difference determines asymmetry giving an inkling how qubits overall are composed. [How overall qubits](#) are composed **.**

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