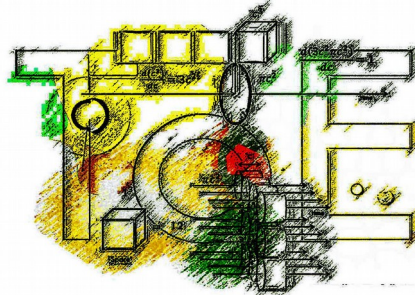


Letters from Greece : Uniting all four Forces into one Force (From G.U.T. to T.O.E.)

(TOE-Framework)



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Abstract

In first chapter of ToE-Framework “The Solution to the Problem of Time” [1] the author introduced the concept of time that must be used to unify Gravity and Electromagnetism. In previous papers „The Holografic Universe Visualisation of Big Bang and Black Holes United Gravity and EM“ [2] and “The Crisis in Physics as Result of Theory of General Relativity“ [3] the author explained Gravity as underlying concept of EM. In this paper the author explains how to combine all four know forces into one concept of force.

Keywords: Theory of Everything, Grand Unified Theory, GOD, Book of Revelation to John

1. Introduction

The author continues on the arguments in first paper [1]: The origin of space and time belongs to an initial force that is God, the unmoved mover, that moves the observer, that is the moved mover. Three concepts (Trinity) therefore initiate a Big Bang (Creation): Time_reality (God, the unmoved mover, the father of creation [time=cause]), the second time that is Time_observer (human being the moved mover) that is made into space out of time to be the son of God, and the holy Spirit, which reflect the balance between forces to become one (Ratio π = Frequency to reflect the wave-particle-dualism)

In a more psychological language the concept of Trinity in Creation and analog to the materialized concept is the Emotion (time of observer) that meets the living God (general concept of time in universe = unmoved mover) to create the thought (I Think = I Am), where the universal force in universe is the driving force to balance emotion and thought.

As of today in physics there are known 4 forces that needs to be combined into ONE, to reflect a Theory of Everything in Physics.

Within the G.U.T. there should be combined the strong, the weak and the EM force, which does the Standard Model in Physics. On the other hand, there is Quantum Gravitation trying to bring the gravitational force together with the Standardmodel, which tries i.e. loop quantum Gravity or String-Theorie.

It is now shown how to combine all forces into one.

2. Gravity as “all-in-one-force” turning Loop Quantum Gravity into Theory of Everything

As explained with the Unified Principles of Nature [1], the concept of time is the first and represent the cause in the action – reaction principle. The mistake in Theory of Special Relativity and General Relativity is the wrong understanding on the concept of time. As from the Trinity of forces in the beginning, Gravity and Inertia as s/m and m/s are inverse proportional concepts. Following there is positive “mass” and negative “mass” as well as positive and negative Energy.

To summarize the mistake made by A. Einstein:

$$E = m \cdot c^2 \quad \text{is right and wrong !}$$

corrected this mistake it is

$$E_{gravity} - E_{inertia} = 0 = m \cdot c^2 = m_{gravity} c^2 - m_{inertia} c^2$$

If understood that mass is underlying concept for Electromagnetism, it is understood that mass does not carry “Energy” in general, but positive and negative Energy in respect to the free will of the universe. “Atomic” energy then is “negative” energy in respect to “life”, because it destroys “life” (gravity) into death.

To explain this concept the correct definition of the concept of time is to use in the Base-System of Units (see paper [3]) : The meter of space is to be defined at the fixed speed of light c and the second is to be defined at the fixed inverse speed of light $1/c$ while the speed of light is to be fixed not by measurement, but by geometrical projection between Sun and Earth.

It is to understand that sun is not center of solar system but earth and sun are circling each other (earth circles around its axis represent the sun circling earth too). Therefore not center of earth or center of sun are origin of “time” in solar system, but the surface of earth as geometrical object is center of origin of time = center of universe = definition for fixed speed of light.

Within the Quantum-Gravity then there is one standard force and two free will (free will of unmoved mover = living God and free will of moved mover = human being). The concept of “free will” then represents “live” in human being as well as a living universe analog life outside universe that dominates us.

Unfortunately, the living outside universe can stop our universe and life by free will then.

3. Mistakes in the Standard-Model

Within the Standard-Model there are three forces: the weak, the strong and the EM-force. The origin of the weak and strong force are wrong interpretations of the concept of time. As Time = cause = Force each time (Force) splits up Energy in positive and negative Energy. Therefore each definition of time creates a big bang that defines positive (live) and negative (death) energy. As additional to the working time (origin = surface of earth) there are two more times defined in the Standard-Model, which are the center of sun (center of solar system as origin of time) and the frequency of EM-Force in the Caesium-Atom. Therefore are resulting three forces, that cannot be combined with gravity, as EM-Force is Gravity, when the correct origin of time is used in the model of Gravity and Special and General Relativity are falsified.

The wave-particle Dualism as well as the Uncertainty-principle (Heisenberg) belong to the misconception in interpretation of solar system: Using the center of sun as origin of time, the relation between earth and sun reflects a wave as well as a particle at the same time, because the center is the surface of earth. At the same time the uncertainty-principle reflects the uncertainty if sun or earth are center of solar System. Both concepts (Uncertainty principle and wave-particle Dualism) will fade out of physics, when the definition of time in the Base SI Units will be changed.

4. Conclusions

As Isaac Newton knew that Gravity is a living force and he warned to not understand Gravity as a mechanical force, he was able to predict the end of our world on base of the book of revelation to John and interpretations of the bible to around 2060 in 1704 already. He explained, that it is not possible to calculate an exact year. Based on his own calculations this author would agree that year 2060 is a prediction with high probability. Maybe the world can last until year 2080, maybe the world can last only to year 2030.

But this calculation is based on the idea, that we will not be able to transform society into a new society based on a very different set of understanding nature and life. It would require a major shift in global society to turn the rudder into

5. References

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