

## **Mass in motion in Quantum FFF Theory.**

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Abstract,

FUNCTION FOLLOWS FORM (FFF) in Quantum FFF THEORY.

The FORM and MICROSTRUCTURE of elementary particles, is supposed to be the origin of FUNCTIONAL differences between Higgs- Graviton- Photon/Gluon- and spinning propeller shaped Fermion particles.

The vacuum is supposed to have resistance for these spinning propeller shaped Fermions so this should be compensated by the energetic vacuum itself in combination with a Fermionic Multiverse based entanglement for each Fermion.

### **Introduction.**

Quantum Function Follows Form (FFF) theory states, that the vacuum is seeded with fast oscillating massless Higgs particles, oscillating along a complex chiral tetrahedral vacuum lattice, which has the ability to transfer Photon and Graviton FORM information in bunches of oscillations, through the vacuum lattice with the local speed of light. Ref [5,6,8,9].

As a consequence there are no attraction forces on propeller shaped Fermions.

The vacuum is supposed to have **resistance** for these spinning propeller shaped Fermions so this is supposed to be compensated by the energetic vacuum itself, in combination with a **memory for each Fermion**. Gravity seems to be the result of two different impulse arrays: the massless Higgs impulse array and the (less effective) massless Graviton impulse array. Only the statistical sum of the different kinds of vacuum impulses from all directions on Fermions are responsible for all (energetic) phenomena in the universe, Ref.[1,-12] **even for mass in motion.**

Why we need a Multiverse based guiding system, for simple motion of Fermions through the vacuum?

The Multiverse seems to need entanglement of all particles even between Photons to be able to get Fermions in motion and to prevent chaos.

Mainstream physics says that "NO FORCE IS ACTING ON AN OBJECT IN FREE FALL" however, in Quantum FFF theory, we should postulates the opposite.

In his book "the Character of Physical Law" (p.37-39), Richard Feynman wrote: "Suppose that in the world everywhere there are a lot of (space filling vacuum-) particles, flying through us at very high speed. They come equally from all directions, -just shooting by- and once in a while they hit us in a bombardment.

We and the sun, are practically transparent for them. Practically, but not completely, and some of them hit. Look at what would happen.

If the earth is moving it is running into the particles coming towards it and away from the ones that are chasing it from behind. So more particles will hit from the front than from the back, and there will be a (vacuum) force opposing any motion.

This force would slow the earth up in its orbit" (which is proved to be not the case); so that is the end of that theory.!

Well you say, it was a good one, and I got rid of the mathematics for a while, maybe I could invent a better one".

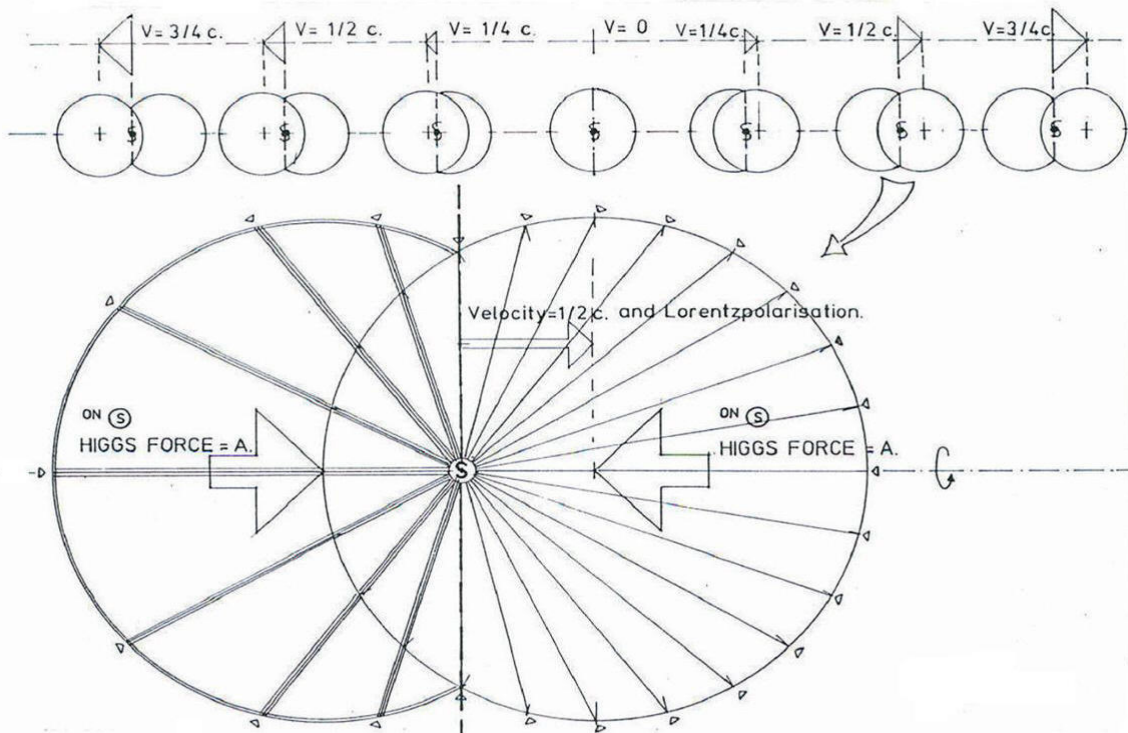
However, in "Crazy" but logic contrast with Richard Feynman quantum FFF theory assumes, that Nature may compensate such an opposing vacuum resistance by a "Fifth Force",

1: if the Feynman vacuum particles are supposed to be energetic oscillating vacuum particles coined "Higgs-Virgin Particles" oscillating in a chiral 3D lattice and

2: if the mass carrying particles (Fermions of the Earth) have the ability, by real Lorentz transformations, to absorb just enough energy of this oscillating vacuum frame in the right direction to compensate for the opposing vacuum resistance and to keep this Lorentz polarization in its memory. A fifth force is born: the directional vacuum energy absorption, a base for new physics.

The directional vacuum energy absorption is supposed to be possible by real "Lorentz transformation" of charged particles relative to the local vacuum reference frame. These reference frame related Lorentz transformations are coined "Lorentz polarization" which act as a memory, in combination with the described Dual Universal EPR correlation. This memory system as a whole is called: "Big Bang Entanglement" (BBE). Big Bang Entanglement is supposed to be the instantaneous non-local collapse information between "Lorentz polarized" Twin Fermions and between Twin photonic bunches of Higgs vacuum information packets living in two spatial separated Universes. Thus it is postulated, that the Earth is pushed by the oscillating Higgs particles of the vacuum as a compensation for the resistance originated by the Earth's velocity through the vacuum reference frame itself: **Higgs VACUUM ACTION IS REACTION IN A VERY PECULIAR WAY, BASED ON THE CONE-PROPELLER FORM OF FERMIONS!** The Higgs Vacuum Reference Frame is supposed to be anchored around the sun itself, by two medium sized "Stellar Anchor black holes" in dumbbell form situated on both sides of the planetary plane. (ref. 10)

# MASS IN MOTION ACCORDING TO FUNCTION FOLLOWS FORM (FFF) THEORY.



**Figure 1. The Fermion resisting Higgs vacuum is at the same time able to push the polarized spinning Fermion into the opposite direction. The polarization of the Fermion (s) is supposed to be the origin of directional Higgs collision differences between Higgs forces. There are more Higgs collisions per time unit, with the front side of the Fermion in motion, than Higgs collisions with the back side. However the spinning propeller shape of the Fermion is polarised as a consequence, each Higgs collision energy transfer from the back side is larger than from the front.**

Resistance less movement through the oscillating Vacuum space frame lattice is only possible, if the effective Higgs-virgin impulses compensate Lorentz covariant, for the resistance of the Fermion (S) created by the oscillating vacuum frame itself. (Figure 1). The Fermion (S), is suggested to move with the velocity  $1/2c$ . through the oscillating vacuum space frame lattice to the right side of the figure.

The number of colliding Higgs-virgin particles in each time unit and the impulse magnitude is proportional to the velocity of (S) relative to the vacuum frame.

The Fermion (S), suffers more frequent Higgs vacuum impulses coming from the front than from the back side of the particle. Due to the "absolute motion through the vacuum", the particle is heading its polarized "propeller nose" proportional into the velocity direction. Consequently less but more massive vacuum impulses per time unit on the "backside" of the polarized particle, will compensate the more frequent but weaker impulses coming from the front. This phenomenon we will call: Lorentz polarization.

This Lorentz-polarization has three properties: a **polarization grade**, a **polarization direction** and a **memory**.(as a part of **Big Bang entanglement**).

So every Fermion has self consciousness (or **Big Bang entanglement**) in the way it has a memory for its polarization grade and velocity direction in Higgs-virgin space.

It sounds odd: The Higgs-virgin particle impulses on the nose side of (S) are more frequent (with a higher impact velocity).

However the effective impulses are less massive than those on the "back side" of the polarized particle (S), due to the specific propeller form of these polarized Quarks and Leptons. The total impulse effect must be zero to fit in Special- and General Relativity. As a result both Higgs-virgin forces (A) are equal.

**The nuclear particles of Black Holes are not supposed to oscillate and be able to polarize in the direction of motion through the oscillating vacuum as massive particles do. Thus Black holes are "Locked up" in this vacuum, and can only move, if the vacuum around the black hole is a-symmetric oscillating by external influences such as massive objects. We will call this anti symmetrical oscillating vacuum around massive objects like the Earth, a LASOF. ( Local Anti-Symmetrical Oscillating vacuum Frame). The Lasof around the Earth is supposed to be the origin gravity drag and the constancy of the lightspeed in most experiments.**

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