EM Drive Space Thrusters without Lorentz reaction force, by triple Tesla Pancake coils and dual monopole interference solenoids.

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Abstract,
The electromagnetic field around a direct current in a wire and the so called Lorentz force, has always been questioned by me and others about the microscopic visualization of individual (string) particle vector interference physics. (figure 1, 30)
Now I present my view on EM space flight and Fermion Crushing based on kitchen table experiments and my Q-FFF Rigid Transformer String Theory.
For Fermion crushing by focused interference B=0-fields at the end of solenoids can use direct- or alternative currents, due to both interference field symmetries.
For a Tubular Dual Coaxial Solenoid, (figure 3,4,5)
For space levitation we may use a comparable B=0 effect we use:
A Triple Coaxial Tesla Pancake Coil. (Trifilar coil) with different conductor diameter for reaction less propulsion (figure 6, 7, and 30, 31)
For Spaceflight piloting we use:
Two half coaxial integrated solenoids with opposite rotating currents create also mutual; Lorentz forces without reaction (figure 2)

Introduction.
Hardware: Dual coaxial Solenoids or Trifilar Tesla coils for Lorentz EM Thruster Levitation effect.
Standard Physics 1: “Lorentz force” perpendicular to the magnetic field lines created by a direct current in the magnetic field.
Standard physics 2: Magnetic “zero B field” outside a long solenoid, shows a strong field reduction down to zero and can be used for Lorentz force based levitation without the usual EM (Electro Magnetic) reaction force. (According to Q-FFF Theory)
Several configurations for effective EM thruster levitation and piloting without reaction force are possible like a dual coaxial solenoid (figure 2), or in the form of a so called Trifilar pancake Tesla coil. (figure 6,7).

The origin of both EM Drives is based on the EM B-field =zero effects.
The origin of all B field effects (or anti Maxwell dipping zones) is postulated to be created by the microscopic interference of dual magnetic monopole field trajectories of North and South monopole photons.
The so called tubular shaped Anti Maxwell field dip (B field ) around a direct current in a wire is a second example of the monopole interference predicted by Quantum FFF Theory rigid string model. See poster. (Figure 1).
Future experiments should be able to create alternative configurations for monopole interference based B field phenomena.

Figure 1. Interference of North and South monopole photon trajectories do create B=zero fields without NO powder areas. Secondly, each long solenoid creates the same B=zero interference effects outside the solenoid.
Figure 2, Two half coaxial integrated solenoids with opposite rotating currents create also mutual; Lorentz forces without reaction forces for EM Thruster and piloting effects.

Fermion Crusher by EM Monopole interference creating B-field.

Both 2x coaxial aligned opposing North South Fields of internal solenoids create a focussed B-field on both sides. (arrows by direct- and alt. currents) B-fields can neutralise GLUOS between Quarks and/or electrons inside the atom. See: 3x B-filed Flat Fermion crushers. (Quantum FFF Theory)
Figure 3, Even with only ONE solenoid combination it seems to be able to evaporate Fermion or rock. (Angouleme Fr. (Getty stock))

Evidence for Ancient Stone Block Cutting by focussed new physics B-Field of electric dual concentric solenoids without chisels. (Angouleme France) See Quantum FFF Theory.

Figure 4, Example and explanation of Ancient stone block cutting by interference B field to evaporate stone atoms.
Evidence for Ancient Stone Block Cutting by focussed new physics B-Field of electric dual concentral solenoids without chisels. (Angouleme France) See Quantum FFF Theory.

Figure 5.

EM Drive Thruster Disc by triple coaxial Tesla Pancake coils

Reaction less Lorentz force creation inside a Bifilar Tesla coil field due to the reduced Anti Maxwell tubular magnetic field around a current in the multiple wired compound coil conductors of the internal third pancake coil. (According to Q-FFF Theory)

Figure 6, see also figure 31.
UFO back engineering by EM Drive Thruster Discs by triple coaxial Tesla Pancake coils, with reaction less Lorentz force creation by anti Maxwell B-field interference reduction according to Q-FFF Theory.

Figure 7,

Anti Maxwell Zone close to a current in a wire, is responsible for a new dual Monopole Photon based reaction less spaceflight principle.

Reaction less space propulsion principle based on a so called “Anti Maxwell zone” around a direct current in a wire.

According to Quantum FFF Theory based dual magnetic photon monopole model.

Figure 8,
Other elements of Quantum FFF Theory: (FFF= Form Follows Function at the quantum scale)

The Magic of Fermion- Repelling and Creating Black Hole Horizon

According to Quantum FFF Theory, there is no fermion information loss, only photonic information loss in a black hole. Quantum fluctuations around the BH horizon produce pairs of leptons, e⁻e⁺ and even compound quarks (d.a. etc; see Fermion 3D string propeller theory). Fermions repelling by spin flip. For triple BH horizon see images 7, 10 and 11. Event horizon: 7. Inner photon ring: 10. Outer photon ring: 11.

Conclusion: The Big Bang did not produce instantly all the Fermions in the universe. Even now lots of Fermions are produced by all BHs every 1.000.000.000 years. Primordial Big bang splinters located outside large galaxies... see also: http://vna.org/abs/1410.0039

Figure 9,

Geometry of the New Magic number nucleus with 34 nucleons, found by RIBF/Riken. Japan, (D. Stepenbeck) according to Quantum FFF Theory.

Additional equatorial positioned coaxial ring structure with 6x nucleons in the centre of the nucleus.

Result: T=28 + 6 nucleons becomes T=34. (oct.2013).

Future evidence for additional nucleon rings (+6+8 or 10) inside nuclei coded: T=50-82 or 126 seems to be possible.

Figure 10,
Alt. SuSy Rigid Transformer String Standard Model with 6x neutrinos (3x for the anti matter universe) with one torus Axion-Higgs Mother particle of rectangular cross section (UROL) See Quantum FFF Theory.

The Axion- Higgs Vacuum Field particle is coded OOO, representing three closed Rigid String hinges of the mother rigid ring, able to rotate in steps over 90 degrees into L, U and R: Left Up and Right, 90 degree Klik rotation (UROL) by rectangular particle cross section

Figure 11,
Quantum Gravity as pressure distribution of the oscillating dual Higgs/Graviton vector field.

Cross section through the dual Higgs/Graviton 3D vector field pressure distribution (or globular Hedgehog) on a point mass (1) located on earth’s surface (2), according to Quantum FFF theory. 3+4= Higgs vector field. 6= Graviton vector field originated by the Higgs-graviton field transformation of the earth itself. 7+8= differences with a perfect globular vector distribution. Field variables 3+6 are rendered as inversed arrows. (see also black hole pressure distribution without gravitons)
3D base for 3x hinged rigid strings.

Figure 13,

Splitting String Black Hole Inflation/Vacuum evaporation

The Origin of energy overdensities in the CMB
The Cosmic Background (CMB) energy overdensities can be explained by a Big Bang Black Hole splitting and evaporation process, according to Quantum FFF Theory.

Multi Bangs for Dual Symmetric Universes

Dual Quasars (Herbig Haro), Galaxy/ Stellar Anchor BHs

Big Bang BH Splitters

Galaxy Central BHs growing by merger BHs of S-Novas as a start of a contracting Universe into a Big Crunch.

“Bounced Inflation” of the Universe: the Origin of Fingers and Void.

New oscillating Axis -Higgs vacuum lattice

Empty space

Higgs vacuum systems

EDM-BHs: Electric Dark Matter -Black Hole systems seem to be active at all scales.

Cygnus A with dual plasma/gas producing “New physics” negative charged BHs as hotspots, with growing merger (SN) black hole in the center. Below: local Quantum vacuum push gravity vector butterflies originated by the BH vacuum absorption of dark vacuum energy.

Figure 14,
The Bouncing Multiverse 2a

According to Quantum FFF Theory, we live inside one of a specific number of Charge Parity symmetric copy universes coming out of a huge (Axion/Higgs rigid string black hole nucleus = Dark Matter). All copy string particles are guided by long distance (holographic) multiverse entanglement and transformable by mutual collision into all Standard model particles and more. Such as monopole bosons or massless Axion/Higgs vacuum particles (Dark Energy), responsible for the Casimir effect and half of all other SM semi pressure forces.

One bouncing universe of the Raspberry Multiverse depicted.

Quantum FFF Theory

FFF=Function Follows Form in Rigid String Architecture

Dark Energy=Vacuum Lattice Pressure Gravity, (Casimir) absorbed by black holes.

Below: the usual BH dual pairing after the Big Bang splitting.

Figure 15,
The Beginning and End of Time.
Multiverse cycle time versus quantities of mass carrying particles. Dark Matter Black Hole particles and Dark Energy Oscillating Vacuum Lattice (Axion Higgs field) particles. All particles and fields are assumed to be based on rigid string paticles. Negative and Positive charged Fermions should have propeller shapes with opposite pitch.

A: The end of matter based time. (Big Crunch) All rigid string matter is through merger Super Nova black holes concentrated into one BH nucleus, which is compressed by the remaining-but absorbing- deluting-dark energy vacuum. If the deluted vacuum pressure comes into equilibrium with the total internal string tension of the nucleus, the Big Bang BH splits symmetrical into 8 or 12 entangled BH nuclei.

B: The beginning of matter based time and the splitting of the Big Bang Black Hole string nucleus into series of minor secondary primordial BHs, building the fractal shaped Lyman Alpha Forest and the start of dual pairing BHs into primordial Herbig Haro systems with vast galaxy formation in between. All New physics BHs (even micro interference BHs) are postulated to create not only pair production at the horizon, but even entire protons. (plasma)

C: The end of primary Big Bang black hole splitting and the end of vacuum expansion (vacuum inflation)

D: The Total number of particles during the cycle process is constant. According to the Quantum Function Follows Form model.

Figure 16,
The Nucleus of the Rigid String Knotty Black Hole, compressed and growing by the Axion Higgs vacuum. (According to Quantum FFF Theory)

A ball of stringy particles, compressed by the energy of the oscillating Axion Higgs particle based vacuum lattice = (Casimir) Dark Energy. The BH nucleus itself is Dark Matter. Conclusion: all stable BH nuclei represent all Dark Matter in the universe. Non stable evaporating BH nuclei can be called Ball Lightning or micro comets. The boundary between these two types is unknown.
New Black Hole Nuclear Interior with primal Rigid transformable ring shaped Strings (Axion Higgs vacuum rings) compressed by the oscillating repeller vacuum. (Quantum FFF Theory)
Evidence for a Fermion Repelling New Physics Black Hole inside Herbig Haro (HH34) Bowshock! Outflow Velocity differences between the leading black hole and the secondary Fermion plasma hotspots are the indication, according to Q-FFF Theory.

The black hole (0) has the smallest relative velocity. Conclusion: Secondary Fermion plasma hotspots are repelled! As predicted!

( Image origin: @. Beuther and Fendt )

Without outflow subtraction Velocity Arrows With outflow subtraction

Figure 19,

Stable Micro Comets, Ball Lightning and WIMPs are the future solution for our CO2 problem, by electric vacuum energy production technology. http://vixra.org/author/leo_vuyk

Self propelled Ball Lightning-Micro Comets.

What is wrong with Physics?
1: Gravity is a dual pressure force of pushing Gravitons opposing the stronger Casimir vacuum pressure.
2: The vacuum has resistance for ALL Fermions motion.
3: Black Holes attract but also repel Fermions close by.
4: The cyclic Raspberry multiverse has 8 or 12 symmetric anti copy universes entangled at QUANTUM SCALE as the origin of Inertia and Consciousness.

Figure 20,
Observed dual LHC signals of 124-126 GeV Higgs

The chirality of our material universal vacuum lattice formed by the massless Axion/Higgs oscillating dark energy field, is supposed to be the origin of these different masses. According to Quantum FFF Theory.
The New Black Hole according to the Quantum-FFF Model: Negative Charged (outside) and Fermion (Plasma) Creation out of the massless Axion-Higgs String vacuum. (Fermion repulsion).

Figure 22,

Variable lightspeed by gravity direction dependent light-speed frame dragging. According to Quantum FFF Model.

Local Anti-Symmetrical Oscillating vacuum Frame (LASOF). Cigar shaped LASOF bubble structure around the earth, with 2 proposals wit future experiment. A: a two-way triangle satellite (or 2x balloons) signal interference experiment and B: a two way lightspeed interference laboratory experiment with a vast rotating mirror drum.

Incidental variable lightspeed already found in CHAMP-GPS outliers parallel to earth motion.

Two experiments to show mass related lightspeed differences (Quantum FFF theory).

Figure 23,
New Dark Matter Black Hole, “Eat” the chiral oscillating Higgs vacuum. (Quantum-FFF Theory)

Figure 24,

Black holes EAT the vacuum lattice with the oscillating Higgs particles.
So, the vacuum lattice structure around a black hole could be represented like this.
As a result, the near vacuum is thinner or diluted, it has holes, which could be the origin of the Universal HUBBLE redshift.
By contrast, my new black hole paradigm says: the origin of universal redshift is Dark matter.
Dark matter is the proliferation of vast numbers of Black holes around Galaxies.
Conclusion, based on Hubble redshift, we don’t know anything about expansion or contraction of the universe.
(Author Leo Vuyk)
Composite rigid transformable string models based on 3x internal-90 degr. step rotation of the Axion-Higgs Torus made of primordial matter.

Geometrical proposal for the sub-quantum structure of 6 Leptons and Quarks interpreted as compound Photon/Electron Positron propeller combinations. Muon- and Tau particles seem to show up as family members of the Down respectively Charm Quarks.

The basic rigid transformable Axion string Torus with aspect ratio (=7) and 1x splitting and 3x hinges made of primordial matter, according to Quantum FFF Theory.

All Photons (1xgraviton, 2x electric-, 2x magnetic and 1x general x-gamma-ray photon) and two Fermions, are transformed direct out of the massless Axion/Higgs ring, by internal hinge rotation over 90 degree steps. Electric Dark Matter Black Holes (EDMBHs or EREBONS (Penrose) are formed by 3 or 4 photon knots (ball lightning). Neutrinos are single transformed photons or fermions.

Figure 25,
The Key Observation of new Physics Fermion Repelling Dark Matter Black Holes for Universal structure.

Example of NGC 326: The Repelling of Two Equal sized Black Holes as the formation of a Herbig Haro Bowshock system, with star formation in between and double jets. According to Quantum FFF Theory.

Evidence for a Fermion Repelling New Physics Black Hole inside Herbig Haro (HH34) Bowshock! Outflow Velocity differences between the leading black hole and the secondary Fermion plasma hotspots are the indication, according to Q-FFF Theory.

The black hole (⊙) has the smallest relative velocity. Conclusion: Secondary Fermionic plasma hotspots are repelled! As predicted!

Figure 26,
Schrödinger's cat paradox solved with Dual Anti Matter Copy Cats, living inside Entangled Raspberry Multiverse Bubbles.

Anti Matter deficit problem solved by the mirror symmetric Undivided Multiverse without dual Cats in boxes.

Figure 27,

![Figure 27](image1)

The Wavefunction collapse in the (CP symmetric) raspberry multiverse by the entangled observation between (anti) copy particles.

According to Quantum FFF Theory, the collapse of the wavefunction is assumed to be triggered by particle collisions with instant entanglement between (anti-) COPY universes so there is Charge and Parity symmetry between the entangled particles living in opposing universes. Each particle is its own observer! Each human has to deal with one or more opposing anti-COPY humans.

Weird symmetry between CP symmetric universes

Means that I have to deal with my mirror symmetric copy of myself living over there.

Figure 28,

![Figure 28](image2)

3-D image of TWO tetrahedron space fill units with chiral, left or right handed characteristics, the origin of our material universe and our opposite anti-matter universe.

Truncated tetrahedron space according to the Quantum-FFF model. Each tetrahedron lattice has a spiral shape based on three linear units.
Figure 29, Simple Anti gravity propulsion principle with magnetic metal band material and electric wires. For laboratory use.
Anti Maxwell Magnetic DIP Effect, by Monopole Interference around a current in a wire, with respectively Right or Left handed Helix curl, for Material universes and Anti Material universes. (Quantum-FFF Theory)

Anti Maxwell DIP for Anti Gravity Propulsion

Figure 30.
Space Thruster by Triple Tesla Pancake coils and reaction less B=0 field (No powder) direct to a wire

Reverse Engineering of UFOs, by Lorentz force between Tesla dual pancake coils however, REACTION LESS by large diameter internal conductor wires equipped with reduced B field Anti Maxwell Dip area. (below)

Figure 31. Space Thruster by Triple Tesla Pancake coils and reaction less B=0 field (No powder) direct to a wire. Reverse Engineering of UFOs, by Lorentz force between Tesla dual pancake coils however, REACTION LESS by large diameter internal conductor wires equipped with reduced B field Anti Maxwell Dip area.
Reverse Engineering of UFOs, by Lorentz force between Tesla dual pancake coils however, REACTION LESS by large diameter internal conductor wires equipped with reduced B field Anti Maxwell Dip area. (below)

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