

Quantum FFF theory Experiments, a summary.

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Abstract.

In the past I have described several experiments in support of the Quantum FFF model.
(Function Follows Form)

These experiment suggestions are described in several recent Vixra essays.

In this essay I will try to present a summary of these experiments related to Mass based Lightspeed drag, Dual Quantum Push Gravity, Magnetic Monopole Radiation, Human Consciousness, Double Stern Gerlach Entanglement and Micro Ball Lightning in the lab.

Introduction,

About 20 years ago, I found several lightspeed related anomalies in well described experiments of Babcock-Bergman, Shapiro and Tae Suk Bae, which are pointing into the direction of a Local ellipsoid shaped mass related lightspeed “drag” volume around Planets and even rotating objects. Ultimately I described these anomalies in a Vixra essay called: “Experiments to determine the mass related Lightspeed extinction volume around the Earth and around spinning objects in the Lab.”

Later, I also found interesting anomalies described in several scientific articles such as, the Stern Gerlach experiment (John Bell) and Human consciousness experiments (Benjamin Libet). As a result I described extended experiments to explain those anomalies by the application of Q-FFF theory.

I also made my own experiments concerning Magnetic Monopole vector field radiation, Ball lightning as micro black holes and the proposed effects on micro Birkeland currents in the lab..

These experiments are titled and referenced as:

- 1: Lightspeed drag and extinction experiment inside a double mirrored fast rotating cylinder in the lab. Ref [3]
- 2: CHAMP-GPS satellite distance outlier measurement focused on GPS elevation angle to the earth.
Ref [3]
- 3: Gravity drag related Lightspeed variation experiment between two balloons or satellites and the earth. Ref [3]
- 4: Multiverse number count by a renewed Benjamin Libet experiment focused on RPI and RPII ratio. Ref [6]
- 5: Double Stern-Gerlach atomic Entanglement experiment. Ref [6]
- 6: Double LeSage gravity experiment by a new massive oscillator. Ref [7]

- 7: Monopole radiation based Magnetic field experiment Ref: [7]
8: The laboratory production and exploitation of a micro black hole or ball lightning. Ref: [8]
9: Micro Birkeland Currents Between Two RF Generated Plasma Balls in the Laboratory. Ref: [9]

References.

- [1] . http://vixra.org/author/leo_vuyk
Description of Quantum-FFF theory in several essays.
[2] viXra:1102.0054.
Atomic Nuclear Geometry Based on Magic Number Logic.
[3] viXra:1102.0056
Experiments to Determine the Mass Related Lightspeed Extinction Volume Around the Earth and Around Spinning Objects in the Lab.
[4] viXra:1103.0002
3-Dimensional String Based Alternative Particle Model.
[5] viXra:1103.0011
An Alternative Black Hole, Provided with Entropy Decrease and Plasma Creation.
[6] viXra:1103.0015
Wavefunction Collapse and Human Choice-Making Inside an Entangled Mirror Symmetrical Multiverse.
[7] viXra:1103.0024
Quantum Gravity and Electro Magnetic Forces in FFF-Theory.
[8] viXra:1108.0036
Artificial Ball Lightning Production and Exploitation Device for Zero Point Electric Energy Usage.
[9] viXra:1303.0053
Micro Birkeland Currents Between Two RF Generated Plasma Balls in the Laboratory.

Summary of Abstracts.

Reference 3:

Title: Experiments to Determine the Mass Related Lightspeed Extinction Volume Around the Earth and Around Spinning Objects in the Lab. <http://vixra.org/pdf/1102.0056v2.pdf>

Abstract:

According to Einstein's relativity theory, is the speed of light for every observer the same in all reference frames.

However, there seem to be incidental differences in the lightspeed if we observe the outliers of GPS satellite to CHAMP satellite distance measurements of 180m.

At the same time in the literature I found tiny structural but characteristic unexplained irregularities in Planetary radar-pulse reflection measurements, made by I.I. Shapiro in 1964, between the Earth and Venus.

Both observations support the idea of the existence of ellipsoidal lightspeed extinction (or vacuum adaptation) volumes around massive objects like the earth. Such a volume I will call LASOF or Local Asymmetric Oscillating Vacuum Frame.

Other historic lightspeed experiments support the idea that all objects with mass are equipped with some extinction volume.

As a consequence I propose new triangular trajectory lightspeed comparison experiments between the earth and dual satellites or dual balloons and even in the laboratory to support these lightspeed extinction and adaptation ideas.

Reference 6:

Title: Wavefunction Collapse and Human Choice-Making Inside an Entangled Mirror Symmetrical Multiverse. <http://vixra.org/pdf/1103.0015v1.pdf>

Abstract:

If the process of wave function collapse of two entangled particles into mirror symmetrical states, is the basic process for all created particles, then we should live inside one part of a mirror symmetrical entangled copy MULTIVERSE with one central origin.

We will give it the name: Raspberry Multiverse.

Even human choice making should be subjected to this mirror symmetrical process.

Benjamin Libet described a choice experiment, which we could use to measure how many copy universes there should be.

Reference 7:

Title: Quantum Gravity and Electro Magnetic Forces in FFF-Theory.
<http://vixra.org/pdf/1103.0024v3.pdf>

Abstract,

Quantum 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 information in bunches of oscillations, through the vacuum lattice with the local speed of light. As a consequence there are no attraction forces on propeller shaped Fermions. Only the sum of the different kinds of vacuum impulses from all directions on Fermions are responsible for all energetic phenomena in the universe.

Reference 8;

Title: Artificial Ball Lightning Production and Exploitation Device for Zero Point Electric Energy Usage. <http://vixra.org/abs/1108.0036>

Abstract:

The Form and Microstructure of elementary particles, is supposed to be the origin of Functional differences between massless Higgs- Graviton- Photon/Gluon- and spinning propeller shaped Fermion particles with mass.

In Quantum FFF Theory, Ball Lightning is assumed to represent a small scale New Paradigm Black Hole, able to produce so called Zero Point Energy. (ZPE)

In this letter we describe a possible design for production and exploitation of such ball lightnings, based on experimental experiences with Silicon-discharge fireball examples and our proposal for a new paradigm Black Hole (or Quantum Knot) based ball lightning plasma, as a part of Quantum FFF theory.

Reference 9,

Micro Birkeland Currents Between Two RF Generated Plasma Balls in the Laboratory.

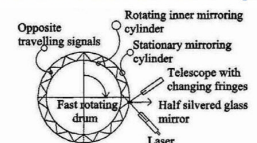
<http://vixra.org/pdf/1303.0053v2.pdf>

Abstract,

According to Quantum FFF Theory, the FORM and MICROSTRUCTURE of elementary particles, is supposed to be the origin of FUNCTIONAL differences between Higgs-Graviton- Photon- and Fermion particles. As a result, a NEW splitting, accelerating and pairing MASSLESS dual Black Hole system in space, seems to be able to convert vacuum energy (ZPE) efficiently into real electric energy by entropy decrease (nuclear electric potential) and is responsible for all dark matter in the universe. The electric energy production of Stellar Anchor Black Holes (SABHs), seem to be able to explain quick Star- and Galaxy formation, by Birkeland Currents and so called Alfven Circuits. However, smaller (new paradigm) Black holes (created by magnetic interference and Radio Frequency currents) are supposed to be responsible for Sunspots, micro-Comets, Ball Lightning and even as multiple so called Quantum Knots inside Plasma Balls in the laboratory. It is postulated that some specific shaped singular photonic particles seem to be able to form compose complex quantum knots or micro black holes as the origin electric potentials observed inside RF generated Plasma balls and heat production inside Silicon based ball lightning experiments in the lab. Reason to describe a laboratory system, to show the possibility of Micro Birkeland current generation between RF generated plasma balls.

A compilation of some experiment related images.

LIGHTSPEED Extinction exp.



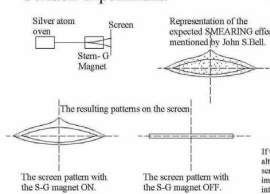
The Babcock and Bergman test done in 1964, resulted in a positive lightspeed drag factor of only 0,7%, which could be translated in a drag extinction effect over less than 1 cm distance after signal passage through the fast moving glass window. See: Journal of the Optical Society of America Vol. 54, nr 2 page 147-151 Febr. 1964. Determination of the Constancy of the speed of Light by Babcock and Bergman.

If the Quantum Mechanical Vacuum structure is influenced over maximal 1 cm. by matter, as the Experiment done by Babcock and Bergman seems to indicate, then a fast moving mirror cylinder inside a stationary cylinder should influence the interference pattern produced inside the telescope much more, than the Babcock and Bergman's experiment did. We should get better results, if the distance between the inner and outer mirror cylinder is minimized and the number of lightpath reflections is maximized.

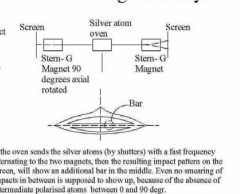
Support for Atomic ENTANGLEMENT in single and DOUBLE Stern Gerlach experiments

New Stern Gerlach experiment, based on the hypothesis, that the non-smearing paradox described by J.S.Ball, in his book "speakeable and unspeakable in QM" Ch. 16, (page 140-141) is originated by a new unknown form of entanglement at a distance between the first silver atom inside the S-G magnet and the rest, waiting in the silver oven to be released. It is assumed, that the vaporized silver atoms inside and outside the silver oven, are always entangled two by two, to guarantee a total zero-spin state, and the absence of a "SMEARING" effect. author: Leo Vuyk, 23-10-2005

The traditional Stern Gerlach experiment.



The new proposed experiment, with two S-G magnets always ON



If the oven sends the silver atoms (by shutters) with a fast frequency alternating to the two magnets, then the resulting impact pattern on the screen, will show an additional bar in the middle. Even no smearing of impacts in between is supposed to show up, because of the absence of intermediate polarised atoms between 0 and 90 deg.

Author: Leo Vuyk 30-01-2011 NL

Some FFF Theory related Experiments Function Follows Form in QM and Cosmo

Repeating investigation of the CHAMP/GPS satellite anomalous outliers of 180 meter, in relation to the gravity-drag LASOF Ellipsoidal EXTINCTION influence on the lightspeed.

A clear example of GPS failure for sat-sat signals at higher altitudes (CHAMP: 430 km, GPS: 20.000km) Kinematic orbit solution comparison showing GPS data outliers up to 180 meters, (2x) during a CHAMP flight long 24 hours with 15 earth revolutions in 2003.

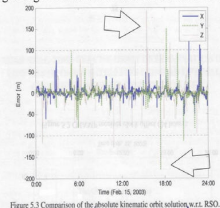
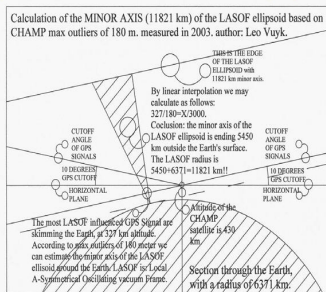
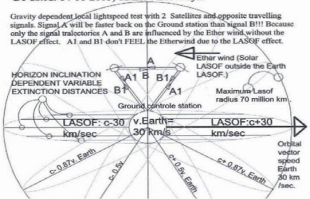


Figure 5.3 Comparison of the absolute kinematic orbit solution, WLS, RSO.



Opposite running LASER signal interference exp. in triangular shape between two Balloons or Satellites and the Earth.

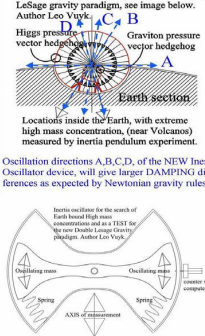
GRAVITY DIRECTION DEPENDENT LIGHT SPEED FRAME DRAGGING by LASOF (Local Anti-Symmetrical Oscillating vacuum Frame). SIGAR shaped LASOF Bubble structure of the Earth with proposals for a future two way TRIANGLE satellite signal interference experiment. date: 9-11-2006 (this is an enlargement of figure B1 dated: 14-01-2005) author: Leo Vuyk.



Leo Vuyk@Gmail.com <http://bigbang-entanglement.blogspot.com/>

DOUBLE LeSage Gravity

Higgs/Graviton pressure vector hedgehogs acting on a mass carrying Quantum particle. The irregular distribution of mass inside the earth is supposed to influence the 3D pressure vector hedgehog according to the new Double LeSage gravity paradigm, see image below.



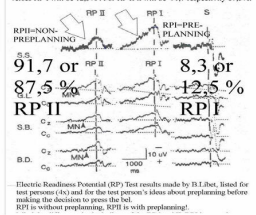
Oscillation directions A,B,C,D, of the NEW Inertia Oscillator device, will give larger DAMPING differences as expected by Newtonian gravity rules



MULTIVERSE exp. New B.Libet experiments focussed on RPI - RPPI statistics.

If humans are cooperating decision makers inside the postulated 8 or 12 entangled but separated universes, then for every decision we need one preplanning test person who preplans his choice. The other 7 or 11 test co-participants are only able to follow OR REJECT this decision.

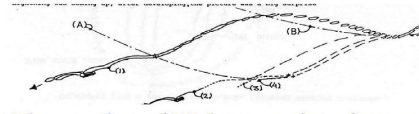
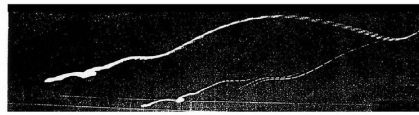
As a result we may be able to measure (in the future) the number of copy universes involved, by counting the average percentages of preplanning persons in test situation like the Libet test.



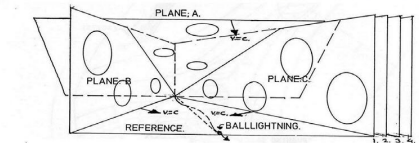
Electric Resistance Potential (RP) Test results made by B.Libet, listed for test persons (S) and for the test person's choice about preplanning before making the decision to press the test. RP is without preplanning, RPPI is with preplanning.

3 other Quantum FFF Posters on Quantum FFF theory.

THE SECRET OF BALL LIGHTNING. Its production by e.m.- x-ray interference into a KNOTTY Nucleus, able to accelerate, decrease Entropy and produce Vapour.

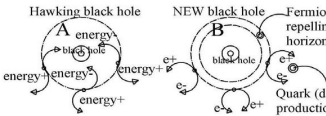


The creation of BL by x-ray interference



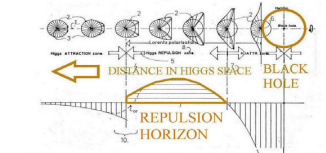
Author: Leo Vuyk 10-02-2011 NL.

The NEW Black Hole Paradigm



The standard Hawking Radiation postulate is: that all matter (NOT all energy) is drawn into the Black hole.
My NEW postulate is: that matter is even created (and pushed outside) at the Black hole horizon by QUANTUM FLUCTUATIONS producing Electrons and Positrons.
The reason for this NEW Fermion production effect is, that it is a consequence of the concentration of head-on Higgs particle collisions just at the horizon. Some Electrons and Positrons will annihilate, but the rest will form Quarks and plasma, because the Higgs vacuum lattice is CHIRAL, and prefer to link Gluons to Positrons and form U-Quarks in favour of Electrons and Gluons, which form D-Quarks.
Thus more Electrons will stay single and form Hydrogen atom shells. However they have less mass than Quarks and feel less attraction to the Black hole nucleus, thus Electrons form also an external shell around the Black hole inner shell of Protons and some Neutrons!
Due to the propeller shape of the particles all the plasma is repelled away from the black hole! The Black hole will not evaporate!
This is the base for NEW Physics and a support for a new explanation of Cometary X-rays, Hydrogen and AMINO ACID production. Even Gas Pillar and Herbig Haro formations inside Nebula become a logic base. Author Leo Vuyk.

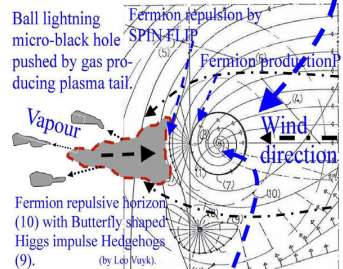
The Fermion repelling horizon



7x Higgs quantum curves (2) are depicted for Fermion (3) with different distance to the BH. At location (10) the spin of the fermions will to the propeller shape of the Fermion and an opposing force away from the horizon is created by the Higgs vacuum itself down to location (7). The zone between (7) and (10)



How is the vacuum able to release energy to overcome the opposing wind? By SPIN FLIP and the Plasma tail is always swept at the back of the BL by the wind itself!



Fermion repulsive horizon (10) with Butterfly shaped Higgs impulse Hedgehogs (9). (by Leo Vuyk)



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Two accelerating, pairing and receding micro black holes in the Carina nebula with temporary meeting place A.

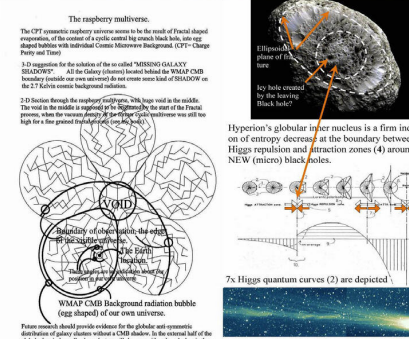
Two accelerating, pairing and receding micro black holes in the Carina nebula with temporary meeting place A, and ionised H2 gas trail.

Example of dumbbell Galaxy formation between two giant Galaxy Anchor Black Holes (GABHs).

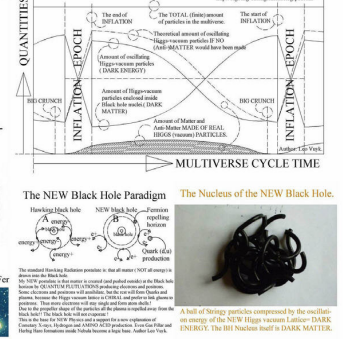
Two accelerating, pairing and receding micro black holes, propelling a smaller trailing gas tail, as observed in many Velocity Curves. Each one, creating HFF objects or Gas Pillars.

Two pairing and receding micro black holes, propelling a smaller trailing gas tail, as observed in many Velocity Curves. Each one, creating HFF objects or Gas Pillars.

What is wrong with Physics at the astronomical scale?



The CPT SYMMETRIC MULTIVERSE CYCLE.

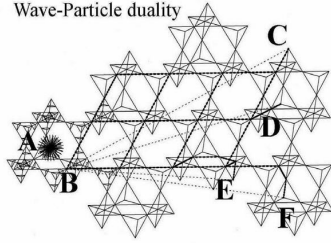


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What is wrong with Physics

Wave-Particle duality



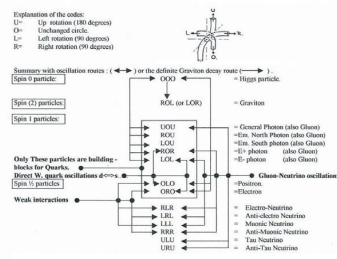
Photon trajectories through the tetrahedral Chiral vacuum lattice.

A photon is created as a deformed Higgs particle at position (A), thus as a single (Photon/Gluon) particle which after some distance changes form back into a Higgs particle (H).

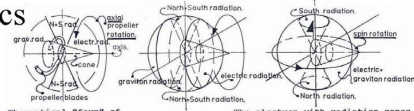
The photon energy is transferred into the oscillating Higgs system and travelling through the vacuum lattice in the form of a pulsating BUNCH of entangled energetic Higgs oscillations with the local speed of light. The distance between two cycles of the Bunch resembles the wavelength of the photon pulsating bunch.

(the bunch idea matches with the single photon double slit experiment) After collision with a second Fermion, at locations C,D,E,F, the BUNCH of energy collapses and change the FORM of a local Higgs particle into the shape of the original Photon.

Five different shaped Gluons after some distance are called Photons. Thus five different shaped Photons start their journey as Gluon. Author: Leo Vuyk.

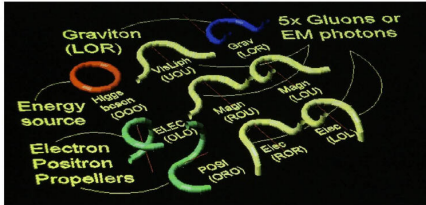


Author: Leo Vuyk 30-01-2011 NL

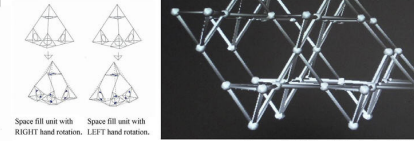


Theoretical "form" of the electron, with radiation cones due to axial rotation. The electron with radiation cones due to circular or "spin" rotation and axial rotation.

The "Eigen energy" distribution around the spinning Fermion propeller, is supposed to come in cone form. The Fermion spin and radiation is the product of a scattering process with oscillating Higgs vacuum particles. As a result, the Fermion has a double spin around two polar axes. This is supposed to be the origin of a dipole Magnetic field with North and South monopole photon radiation and the circular distribution of graviton and electric radiation. In addition it must be stated that all Fermions are entangled with their object /subject particle far away.



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.



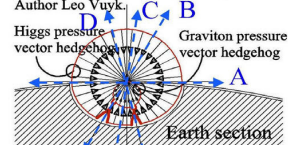
Leo Vuyk@Gmail.com <http://bigbang-entanglement.blogspot.com/>

At the Quantum level



Double leSage Quantum Gravity.

Higgs/Graviton pressure vector hedgehogs acting on a mass carrying Quantum particle. The irregular distribution of mass inside the earth is supposed to influence the 3D pressure vector hedgehog according to the new Double leSage gravity paradigm, see image below.



Locations inside the Earth, with extreme high mass concentration, (near Volcanos) measured by inertia pendulum experiment.

Oscillation directions A,B,C,D, of the NEW Inertia Oscillator device, will give larger DAMPING differences as expected by Newtonian gravity rules

Numbered listing of Vixra essays by Leo Vuyk.

viXra:1305.0041

The Shnoll Effect Explained by Quantum FFF Theory.

viXra:1304.0022

The Self Organizing Universe in the Carina Nebula.

viXra:1303.0211

Hubble Redshift Combined with Universal Contraction is Possible.

viXra:1303.0053

Micro Birkeland Currents Between Two RF Generated Plasma Balls in the Laboratory.

viXra:1302.0172

Silicon Based Ball Lightning Globule Structures and Signs for Accumulation and Retarded Decrease of Tunneling Energy Bullets.

viXra:1301.0088

Two or Three Large Quasar Groups (LQGs) Located at the Start of Two or Three Lyman Alpha Systems and a Part of the Raspberry Multiverse?

viXra:1301.0050

Dwarf Galaxies and Their Relation with Dark Matter Based Galaxy Anchor Black Holes (Gabhs).

viXra:1210.0177

Instant Broglie Bohm Pilot Waves, the Origin of All Entanglement Effects in the Lab and Wavefunction Collapses in Our Universe as Related to Our Opposing Anti-Copy Universe(s) According to Quantum FFF Theory.

viXra:1209.0092

New Dark Matter Black Holes and a New Dark Energy Higgs Field, Lead to a Bouncing CP Symmetrical Multiverse, and New Experiments.

viXra:1209.0061

Birkeland Currents, Sunspots, Comets and Ball Lightning Originated by New Paradigm Dark Matter Black Holes.

viXra:1209.0030

Majorana and Sterile Neutrino Solutions in the Quantum-FFF Model.

viXra:1208.0031

Clumpy Dark Matter Around Dwarf Galaxies a Support for an Alternative Black Hole Theory According to the Quantum Function Follows Form Model.

viXra:1202.0091

Earth Magnetic Monopole Array Field Interaction with Cyclotron –Synchrotron Electrons and Muon Conversion Used for Levitation Systems.

viXra:1201.0092

Earth Magnetic Monopole Array Field Interaction with Cyclotron Electrons used for Levitation Systems.

viXra:1112.0065

LHC Signals Between 121-130 Gev Interpreted with Quantum-FFF Theory

viXra:1111.0096

Reconciliation of QM and GR and the Need for a Pulsating Entangled CPT Symmetric Raspberry Shaped Multiverse.

viXra:1111.0061

Black Hole Horizon Curvature Dependent Balance Between Plasma Creation and e-e+ Annihilation in Quantum FFF Theory.

viXra:1108.0036

Artificial Ball Lightning Production and Exploitation Device for Zero Point Electric Energy Usage.

viXra:1108.0006

Mass in Motion in Quantum FFF Theory

viXra:1104.0083

Quantum FFF Theory in Posters.

viXra:1104.0044

Ball Lightning, Micro Comets, Sprite-Fireballs and X-Ray/gamma Flashes According to Quantum FFF Theory.

viXra:1104.0002

Stellar Anchor Black Holes as the Remnants of Former Herbig Haro Objects

viXra:1103.0097

ZPE Zero Point Energy Examples Around Black Holes.

viXra:1103.0068

Funktion Follows Form, at the Quantum Scale and Beyond.

viXra:1103.0024

Quantum Gravity and Electro Magnetic Forces in FFF Theory

viXra:1103.0015

Wavefunction Collapse and Human Choice-Making Inside an Entangled Mirror Symmetrical Multiverse.

viXra:1103.0011

An Alternative Black Hole, Provided with Entropy Decrease and Plasma Creation

viXra:1103.0002

3 Dimensional String Based Alternative Particles Model

viXra:1102.0056

Experiments to Determine the Mass Related Lightspeed Extinction Volume

viXra:1102.0054

Atomic Nuclear Geometry Based on Magic Number Logic.

viXra:1102.0052

Construction Principles for Chiral “atoms of Spacetime Geometry