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The Future of Space Flight

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The future of space flight won't be with rockets using action-reaction propulsion technology but with specially constructed craft using scalar electromagnetic field propulsion technology that is capable of faster-than-light travel! Because space is so incredibly vast, to cross these distances within a reasonable amount of time requires special technology that can meet this challenge.

The scalar electromagnetic field propulsion technology can meet this challenge not by directly traveling across space but to "quantum tunnel" through space very quickly. So first, we begin by asking what is the scalar electromagnetic field and second, how can we utilize it for space propulsion?

The scalar electromagnetic field is created by setting up two opposing electromagnetic flux Vector fields, q1 and q2. These fields must be equal but opposite as shown below:
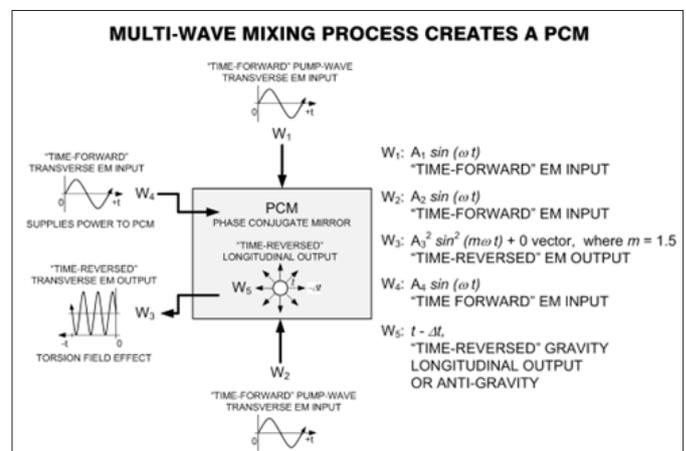

CROSS PRODUCT: $q_1 \times q_2$
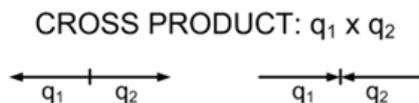
Vector fields that are equal in magnitude, but opposite in direction are called Equilibrant Vectors and produce what is called the 0 (Zero) Vector by taking the sum of these Vector fields q1 and -q2. In all colleges and universities, the 0 (Zero) Vector is taught to be 0 (Zero) or q1 + -q2 = 0 (Zero)! Case closed.

However, this is NOT the case! Something extraordinary happens. As shown below, when the scalar electromagnetic field is created by operating the system in "resonance", the 0 (Zero) Vector is NOT 0 Zero or q1 + -q2 ≠ 0 (Zero)! The electrons creating this field are forced to rotate to produce a Torsion field effect by what is called a Phase Conjugate Mirror or PCM. What is produced by the PCM, or the Torsion field effect has some very unusual properties. First, the direction of Time is reversed or is Time-Reversed and second, the direction of Gravity is reversed, or Anti-Gravity is produced as well.
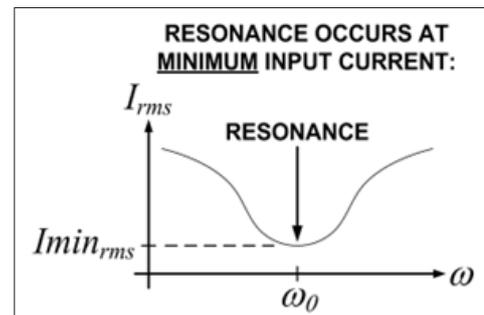

The diagram below shows the Multi-Wave Mixing Process that occurs within the PCM. Input Power is supplied by W4, which in turn produces pump waves W1 & W2. Time-Forward Transverse EM wave pump waves, W1 & W2 creates a Phase Conjugate Mirror (PCM) or a Torsion field, which is a Time-Reversed W3 + a Longitudinal Time-Reversed Gravity wave or Anti-Gravity wave, W5. This is the scalar electromagnetic field:

MULTI-WAVE MIXING PROCESS CREATES A PCM

W_1: $A_1 \sin(\omega t)$ "TIME-FORWARD" EM INPUT
W_2: $A_2 \sin(\omega t)$ "TIME-FORWARD" EM INPUT
W_3: $A_3 \sin^2(m\omega t) + 0$ vector, where $m = 1.5$ "TIME-REVERSED" EM OUTPUT
W_4: $A_4 \sin(\omega t)$ "TIME FORWARD" EM INPUT
W_5: $t - \Delta t$, "TIME-REVERSED" GRAVITY LONGITUDINAL OUTPUT OR ANTI-GRAVITY

The scalar electromagnetic field is the cross product of two opposing flux fields, W1 x W2. The Dirac Sea of Negative Energy that is shown here contains a non-Zero 0 (Zero) Vector solution with a Time-Reversed EM cross product. This explains the Quantum Tunneling effect that occurs here as well.

Quantum Tunneling describes an electron being acted upon by two forces, a Push and a Pull that are at right angles to each other. As a consequence of this Torsion action, it causes the electron to phase shift or rotate into the Dirac Sea of Negative Energy thereby changing its' mass and increasing its' speed through the tunnel. Shown in the diagram below is a Pull force in both the Classic Physics by climbing the hill of "Einstein's Special Relativity" in Real Space-Time and Quantum Tunnel Physics with Negative Energy through Imaginary Space-Time:
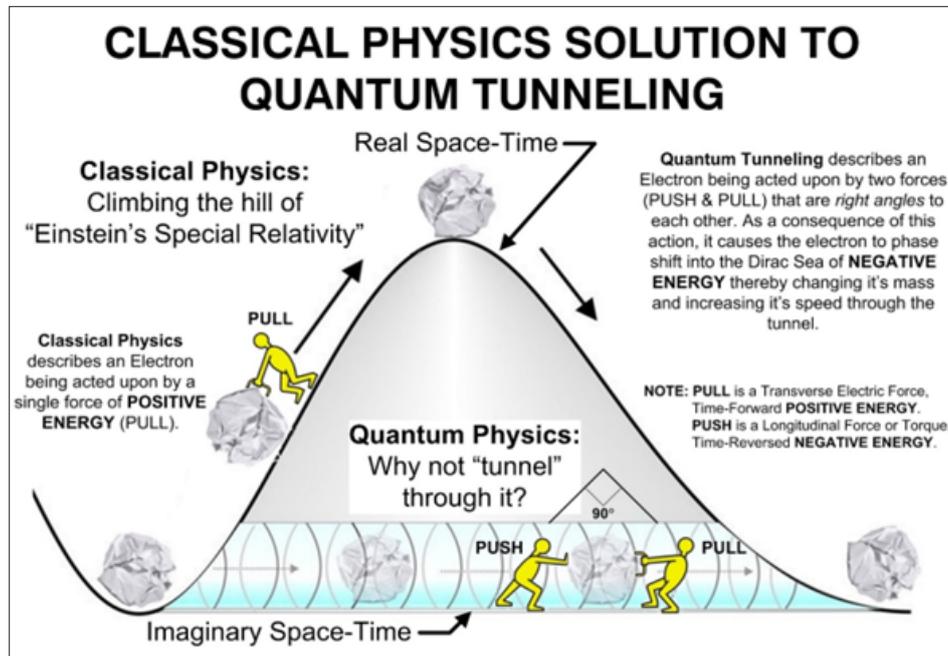
This is by far the most preferred method of Space Travel by properly utilizing the scalar electromagnetic field. The vehicle is NOT traveling across space, but traveling through space and therefore NOT subject to the classic effects of Space Travel such as Einstein's Special Relativity.

So now, lets look at the mathematics behind the scalar electromagnetic field? The main issue with this field is that it can't be solved using what is taught in all colleges and universities, which is Vector Mechanics based on the Heaviside/Maxwell electromagnetic theory. Using this theory shown below, by taking the cross product of q1 x q2 = 0 (Zero), the Zero Vector is empty. But if we use the original Maxwell electromagnetic theory based on Quaternion mathematics, we get the correct answer which is the cross product of q1 x q2 ≠ 0 (Zero). So, the Zero Vector is NOT empty! See below:

The Zero Vector contains what we call a Vacuum Engine (PCM). Inside the Vacuum Engine is the scalar wave function that is Time-Reversed. This is the Torsion field effect. The Vacuum Engine also produces a longitudinal output that is Time-Reversed Gravity or what we call Anti-Gravity.

Described below is what I call ALEK's LAW Space-Time Torsion Model which is based on Euler's Formula. This Formula is regarded as the most beautiful theorem in mathematics, and is used to determine how much REAL Mass energy is available in REAL 3D Space when a Force is applied to an Electron. REAL Mass is considered Time-Forward. IMAGINARY Mass is considered to be either Time-Forward or Time-Reversed, or +-jt.

I find it interesting how ALEK's LAW describes a complete universe model with 12-dimenions and how it can be accessed with Torsion:
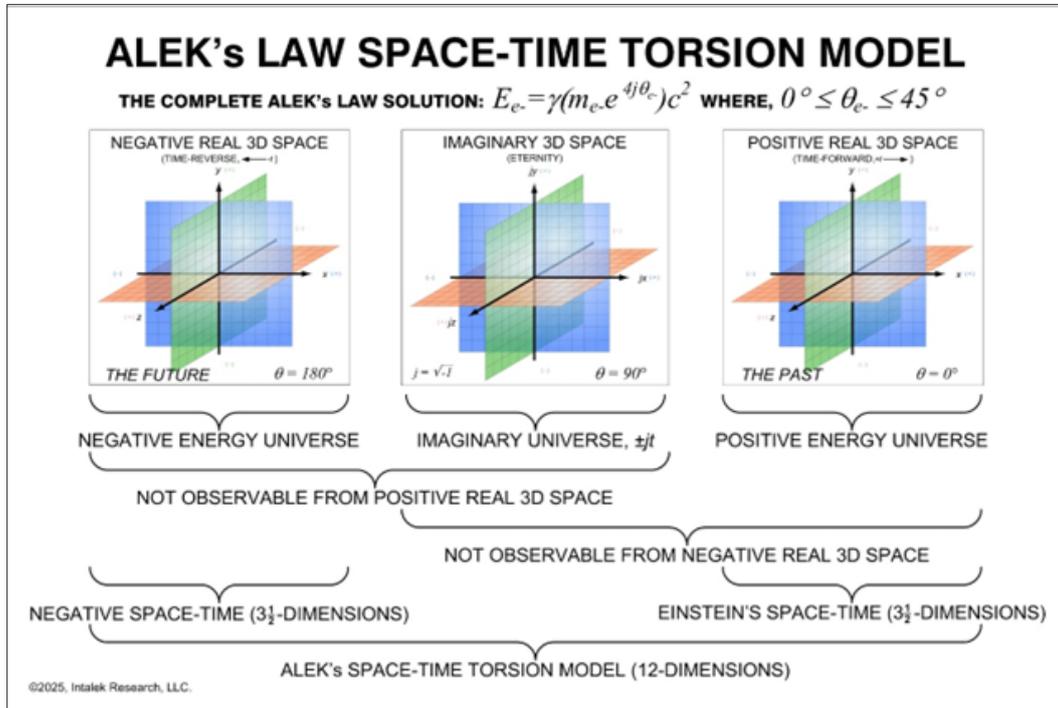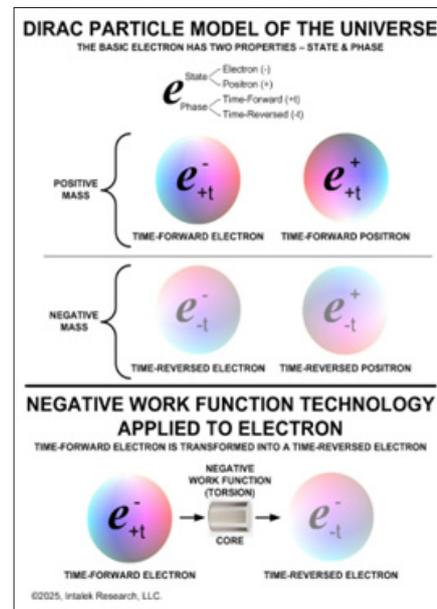

When we consider Dr. Paul Dirac's particle model below, we see that Torsion or Force F through Distance n is applied at right angles to the Spin Angular Momentum LZ of an Electron e. This Force causes the Electron to rotate or "Curl" from the Dirac Sea of Positive Energy +E to the Dirac Sea of Negative Energy -E. We call this a Negative Work function:

The diagram below shows the Torsion effect on Mass and how rotation of the phase angle decreases the REAL Mass of an electron in REAL 3D Space. This shows how ALEK's LAW, which can be applied to Mass and various other properties such as the Electric and Magnetic fields:

MASS TORSION EFFECT

CHANGING THE INPUT PHASE ANGLE θ_{e^-} OF THE ELECTRON e^-

ALEK's MASS TORSION LAW: $m_{e^-}' = m_{e^-} e^{4j\theta_{e^-}}$ WHERE, $0° \leq \theta_{e^-} \leq 45°$ TORSION: $nt\ m$:

GIVEN: $\theta_{e^-} = 0°$
$$m_{e^-}' = m_{e^-} e^{4j0°}\ kg = 9.109 \times 10^{-31}\ kg$$

GIVEN: $\theta_{e^-} = 11.25°$
$$m_{e^-}' = m_{e^-} e^{4j11.25°}\ kg = (6.441 \times 10^{-31} + j6.441 \times 10^{-31})\ kg$$

GIVEN: $\theta_{e^-} = 22.5°$
$$m_{e^-}' = m_{e^-} e^{4j22.5°}\ kg = j9.109 \times 10^{-31}\ kg$$

GIVEN: $\theta_{e^-} = 22.5°$
$$m_{e^-}' = m_{e^-} e^{4j22.5°}\ kg = j9.109 \times 10^{-31}\ kg$$

GIVEN: $\theta_{e^-} = 33.75°$
$$m_{e^-}' = m_{e^-} e^{4j33.75°}\ kg = (-6.441 \times 10^{-31} + j6.441 \times 10^{-31})\ kg$$

GIVEN: $\theta_{e^-} = 45°$
$$m_{e^-}' = m_{e^-} e^{4j45°}\ kg = -9.109 \times 10^{-31}\ kg$$

NOTE: Mass is represented as a plane for visualization purposes. The intent is show how mass folds in and out of REAL space due to the applied torsion effect.

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So, again we're looking at the most preferred method of Space Travel that uses the scalar electromagnetics field around the craft, thus minimizing or eliminating any effects of traveling through Real 3D Space!

SCALAR ELECTROMAGNETIC FIELD AROUND CRAFT

THE END

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ENERGY SPACE HEALTH
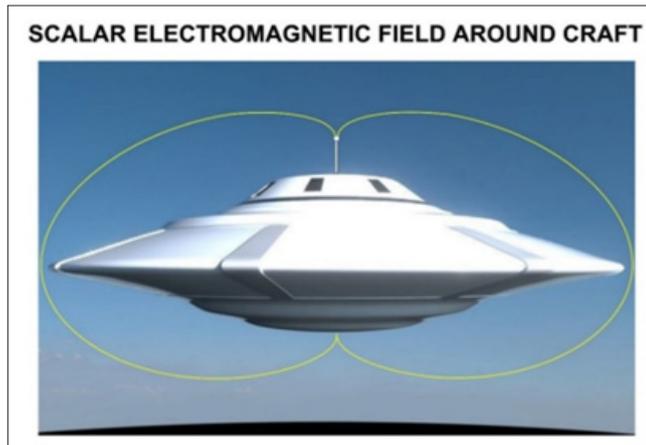
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In 1997, William attended a conference given by energy researcher, Tom Bearden. Tom spoke in detail about scalar electromagnetic energy referenced below. Continuing with Tom's work in this field, William was awarded a US Patent 9,620,280B2 in April of 2017 on what he calls the Split Flux Transformer [1-7].

References

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