Atomic Centrifugal Force by Vectored and Synchronized Electromagnetic and Acoustic Waves

-by-

Jerry E. Bayles

March 24, 2018

Introduction:

There exists on YouTube.com many demonstrations of motor action involving only a battery and strong magnet disks that are examples of what is called the Faraday motor. The most important result of the many demonstrations is that the field of the rotating disk magnet is independent of the motion of the magnet. That is: there is a latency in the magnetic field that results in the motion of the disk moving through its own either non-moving or moving very slowly field. An example video: https://www.youtube.com/watch?v=t8pgJYZDkGM

A latency in the motion of the magnetic field suggests to me that the steady state magnetic field has an inertia that can be regarded as the same thing as mass in very slow rotational motion. It will be developed in this paper that is indeed the case as shown by equation #13 on page 5. This result can be adapted to a special shape for the magnetic field that will result in an **asymmetrical centrifugal force** that can be used for lifting and propelling a very different type of human transportation.

My own testing has proven that there is a very slow field motion around the axis of the static disk and that the motion amounts to what I call the least quantum velocity, equal to the square root of the quantum fine structure constant in meter per second units SI.[6]

It will be demonstrated in equations #15 and #16 that the least quantum velocity associated with the magnetic field as a general case creates the gravitational force in two distinctly different ways. One of the ways is a gravitational *wave* case wherein the force is transmitted at the speed of light by the vector magnetic potential and involves only the magnetic permeability constant as a connector between systems of magnetic centrifugal force. (That has been only recently detected.) The other case is non-local and involves nearly instantaneous interaction between magnetic centrifugal force systems regardless of distance of separation."[7] The case for the speed of light version also develops an explanation for the generation of dark matter and dark energy.

Table Of Related Physical Constants (SI)

$\mu_o := 4\cdot\pi\cdot 10^{-7}\cdot \text{henry}\cdot\text{m}^{-1}$	Magnetic permeability of free space	
$q_o := 1.602177330\cdot 10^{-19}\cdot \text{coul}$	Electron Charge	
$\alpha := 7.297353080\cdot 10^{-03}$	Fine structure constant	
$m_e := 9.109389700\cdot 10^{-31}\cdot \text{kg}$	Electron rest mass	
$c_{vel} := 2.997924580\cdot 10^{08}\cdot \text{m}\cdot\text{sec}^{-1}$	Speed of light in a vacuum	
$Vel_{n1} := c_{vel}\cdot\alpha$	Bohr n1 nominal velocity of Hydrogen	
$Vel_{n1} = 2.187691416747\times 10^{6}\ \text{m}\cdot\text{s}^{-1}$		
$R_{n1} := 5.291772490\cdot 10^{-11}\cdot\text{m}$	Bohr radius	
$v_{LM} := \sqrt{\alpha}\cdot\text{m}\cdot\text{sec}^{-1}$	Least quantum allowed velocity	1)
$v_{LM} = 0.085424546121\ \text{m}\cdot\text{s}^{-1}$		
$f_{LM} := 1.003224805\cdot 10^{01}\cdot\text{Hz}$	Electrogravitational frequency	
$\lambda_{LM} := v_{LM}\cdot f_{LM}^{-1}$	Electrogravitational wavelength	2)
$\lambda_{LM} = 8.514995412332\times 10^{-3}\ \text{m}$		
$f_{force} := Vel_{n1}\cdot\lambda_{LM}^{-1}$	Force vector frequency	3)
$f_{force} = 2.569222073307\times 10^{8}\cdot\text{Hz}$		
$l_q := 2.817940920\cdot 10^{-15}\cdot\text{m}$	Classical electron radius	

NOTE: Highlighted yellow regions are my derived electrogravitational constants.

Table Of Related Physical Constants (SI); Continued From p1.

$I_{force} := q_o \cdot f_{force}$ Rotation vector force current 4)

$I_{force} = 4.116349361588 \times 10^{-11}\ A$

$h := 6.626075500 \cdot 10^{-34} \cdot joule \cdot sec$ Plank constant

Based on the above constants, the magnetic force centrifugal is calculated to be:

$$F_{CFM} := \frac{\mu_o \cdot I_{force}^{2} \cdot \pi \cdot R_{n1}}{l_q} \quad \text{or,} \quad F_{CFM} = 1.256184618356 \times 10^{-22}\ N \qquad 5)$$

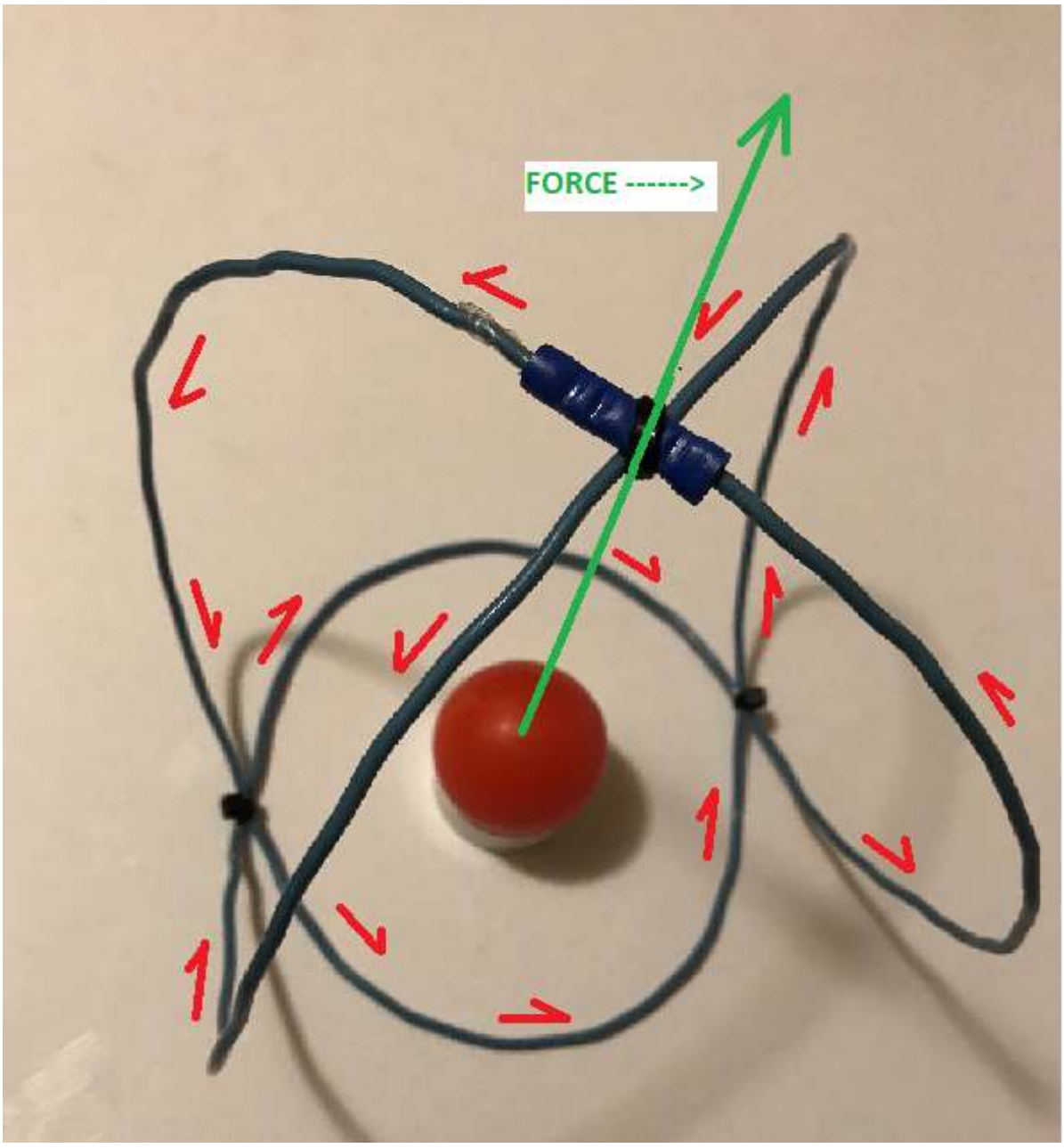
The electrogravitational connection also arrives at this fundamental magnetic force quantum:

$$F_{CFMEG} := \frac{h \cdot f_{LM}}{R_{n1}} \quad \text{or,} \quad F_{CFMEG} = 1.256184636427 \times 10^{-22}\ N \qquad 6)$$

The f_{force} frequency (eq. #3) is **the** universal frequency to be used as a synchronizing frequency for aligning the atoms for creating the force vector in a coherent manner.[1,2] This is a Very High Frequency (VHF) electromagnetic signal applied across a bulk material such as granite stone or similar SiO_2 crystalline material. A steady state electric and/or magnetic field may also add to the alignment process where the vibrating atoms would all have their motions synched to create a centrifugal force in just one vectored direction. In other words, the normally random motion of the atoms is caused by the natural offset force inherent in their internal structure and the normally bulk random motion can be synchronized for useful mono directional coherent motion of the bulk material being affected by the impressed field alignment as described above.

The below figure is a three dimensional model of the path that a moving charge-mass would have to take to achieve a vertical force in the direction of the green arrow as shown. The path is continuously in one direction and two complete revolutions are completed per cycle. That is by reason that the path is formed by a figure eight that is folded inwards at the bottom to circle the positive proton quantum charge at each half circle of the ends of the figure eight path as shown. The top of the figure represents the maximum centrifugal force point. The bottom has all parts of the centrifugal force in the plane common to the positive charge and none extends downwards. The red arrows show the mass-particle (current) flow path.

Figure #1



The above figure is the base atomic model but can be applied in a general sense for creating a mass-field based on current in the same configuration along with changing magnetic and electric fields in a standing wave closed in containment volume of practically unlimited dimension. The synchronizing standing wave B, E and even acoustic fields would be inline with the force vector.

Equation #5 above was developed from the fundamental centrifugal force equation along with derived equation of my own that relates the mass of an electron to the magnetic permeability of free space and the charge of the electron squared divided by the classic radius of the quantum electron. There are actually two derived equations that represent the mass of the quantum electron. The second equation relates the magnetic field density B times the charge of the electron divided by the universal action frequency.

$$m_{derived} := \frac{\mu_o \cdot q_o^{\,2}}{4 \cdot \pi \cdot l_q} \cdot 1 \quad \text{or,} \quad m_{derived} = 9.109389691413 \times 10^{-31}\ \text{kg} \qquad 7)$$

Therefore, since force centrifugal is equal to $m*v^2/R$ and $v = 2*\pi*f*R$:

$$force_{derived} := \frac{\mu_o \cdot q_o^{\,2} \cdot \left(2 \cdot \pi \cdot f_{force} \cdot R_{n1}\right)^2}{4 \cdot \pi \cdot l_q \cdot R_{n1}} \quad \text{or,} \quad force_{derived} = 1.256184618356 \times 10^{-22}\ \text{N} \qquad 8)$$

Where, $\frac{\mu_o \cdot q_o^{\,2} \cdot \left(2 \cdot \pi \cdot f_{force} \cdot R_{n1}\right)^2}{4 \cdot \pi \cdot l_q \cdot R_{n1}}$ simplifies to $\frac{\pi \cdot R_{n1} \cdot f_{force}^{\,2} \cdot q_o^{\,2} \cdot \mu_o}{l_q}$ and: 9)

$\sqrt{f_{force}^{\,2} \cdot q_o^{\,2}} = 4.116349361588 \times 10^{-11}\ \text{A}$ which is the same as the force current

$I_{force} = 4.116349361588 \times 10^{-11}\ \text{A}$ derived in equation #4 above.

Thus equation #9 is the same as equation #5 with the order changed of the parameters only. Then we see that equation #9 actually is a centrifugal force equation in terms of a mass field. Related field expressions are:

$$I_{action} := I_{force} \cdot \pi \cdot R_{n1} \quad \text{or,} \quad I_{action} = 6.843263516579 \times 10^{-21}\ \text{A} \cdot \text{m} \qquad 10)$$

$$B_{force} := \frac{\mu_o \cdot I_{force}}{l_q} \quad \text{or,} \quad B_{force} = 0.018356513896\ \text{T} \qquad 11)$$

Remember, that B in Tesla units equals del cross A, (del is ∇), where A is the vector magnetic potential, which cannot be shielded against.

$$F_{CFM1} := I_{action} \cdot B_{force} \quad \text{or,} \quad F_{CFM1} = 1.256184618356 \times 10^{-22}\ \text{N} \qquad 12)$$

The below equation (#13) was just derived this morning. It contains the frequency parameter f_{force} where $\mathbf{f_{force}} = 2.569222073307 \times 10^{8} \cdot \mathbf{Hz}$ which suggests that particular frequency is very fundamental to mass creation in the quantum realm.

$$\mathbf{m_{eB}} := \frac{\mathbf{B_{force}} \cdot \mathbf{q_o}}{4 \cdot \pi \cdot \mathbf{f_{force}}}^{2} \quad \text{where,} \quad \mathbf{m_{eB}} = 9.109389691413 \times 10^{-31}\,\mathbf{kg} \qquad 13)$$

and the SI value for electron rest mass is: $\mathbf{m_e} = 9.1093897 \times 10^{-31}\,\mathbf{kg}$

That particular frequency will be seen to apply directly to the gravitational force field as well. Since the $\mathbf{B_{force}}$ is directly proportional to frequency, the mass value is actually independent of frequency.

The Electrogravitational Connection

The electrogravitational connection to the above math involves at least two quantum systems of mass interaction just as for Newton's famous gravitational equation. First, we need to state the SI value for Newton's gravitational constant G.

$$\mathbf{G_N} := 6.672590000 \cdot 10^{-11} \cdot \mathbf{N} \cdot \mathbf{m}^2 \cdot \mathbf{kg}^{-2} \qquad \text{Gravitational Constant}$$

There are two forms of the electrogravitational equation. One form uses the permeability of free space as a connecting constant between systems of centrifugal force and the other uses Newton's gravitational constant divided by velocity raised to the fourth power as the connector between two or more centrifugal force systems. The first acts as an electromagnetic wave and travels at the speed of light in free space while the second form is non-local in its action and local in its reaction in observable space. The second form is nearly instantaneous. Then the LIGO experiments that claim to have detected gravitational waves have missed the second instantaneous gravitational actions since they have long since passed from the possibility of detection. Perhaps what science calls the background radiation of the universe is actually ongoing real time gravitational pulse interactions from random locations in space transferred instantly from as far away as the edge of the universe.

Einstein's General Theory Field Equations have a K constant, ($G_{uv} = K * T_{uv}$),[8] that is Newton's gravitational constant divided by the fourth power of the speed of light. It is interesting that Einstein also depended on Newtons work in expressing his field theory.

The gravitational force between two electrons at a distance apart equal at the Bohr radius of the hydrogen atom is:

$$F_N := \frac{m_e}{R_{n1}} \cdot G_N \cdot \frac{m_e}{R_{n1}} \qquad \text{or,} \qquad F_N = 1.977291388969 \times 10^{-50}\,N \qquad 14)$$

That is the standard Newtonian force equation between two systems of mass. The next equation is the electrogravitational format for the electromagnetic form involving the permeability of free space connector μ_o.

$$FG_{\mu o} := \frac{m_{eB} \cdot v_{LM}^{2}}{R_{n1}} \cdot \mu_o \cdot \frac{m_{eB} \cdot v_{LM}^{2}}{R_{n1}} \qquad \text{or,} \qquad FG_{\mu o} = 1.982973077365 \times 10^{-50} \cdot N \cdot \frac{H}{m} \cdot N \qquad 15)$$

The so called graviton has a spin 2 according to contemporary science and so during travel, first one section involving newton force is active and then the other section of newton force is active and this continues as alternations of centrifugal force during transit at the speed of light. Then only one Newton unit of force is delivered on interaction with another force system. That which does not is freely radiated back into space to form dark matter and negative energy? Finally, if the permeability of space should increase, then the strength of the electrogravitational interaction would also increase. This is not the case for the instantaneous form shown below.

The second form of the electrogravitational interaction is non-local and as such is nearly instantaneous through energy space and in that space all points in local space converge to one point and distance is nearly non existent.

$$FEG := \frac{m_{eB} \cdot v_{LM}^{2}}{R_{n1}} \cdot \frac{G_N}{v_{LM}^{4}} \cdot \frac{m_{eB} \cdot v_{LM}^{2}}{R_{n1}} \qquad \text{or,} \qquad FEG = 1.977291385241 \times 10^{-50} \cdot N \qquad 16)$$

In the above electrogravitational quantum equation there is non-local *action* between two systems of centrifugal force resulting in a real force *reaction* in local space. Note that in both electrogravitational equations there is energy per unit radius for each system of rotating mass which amounts to an expression for centrifugal force as $F = m*v^2/R$. No wonder contemporary party line science would have the general public believe that centrifugal force is a fictitious force! Centrifugal force is not a fictitious force but rather, it is the very foundation of gravitational force and even one-system magnetic force.

If we now consider the macroscopic case of the force field generating a semicircular rotation, equation #9 above reveals some very interesting features concerning the importance of frequency and radius of action in the mass-field.

$$\frac{\pi \cdot R_{n1} \cdot f_{force}^{2} \cdot q_o^{2} \cdot \mu_o}{l_q} \quad \#9$$

The product of the square of the frequency times the radius of action in the force field controls the magnitude of the force generated by the semicircular rotating mass-field. It does not require much imagination to realize that potentially huge force field action could be obtained by increasing both the frequency of rotation action as well as the radius of action. There is a video[3] on youtube that shows the active fields around three UFO's which show the very strong centrifugal force in the mass fields alternately being generated to lift and propel the craft as they leave the Earth's atmosphere. Equation #13 above and below shows how mass is associated directly to the magnetic field.

$$m_{eBv} := \frac{B_{force} \cdot q_o}{4 \cdot \pi \cdot f_{force}} \quad \#13$$

(To paraphrase a famous Christmas movie line, "Yes Virginia! centrifugal force is real!!")

How does it work?

The concept of creating an offset centrifugal force involving a mass-field could be similar to creating an ordinary electromagnetic wave but not having a *symmetrical* boundary condition. Visualize a conductor stretched above a non-conducting porous crystalline surface having iron or ferrous powder embedded in that crystalline surface. (i.e., sand and iron powder?) Now, impulse a heavy and sudden current through that wire. The magnetic field that is created around that wire is essentially 90 degrees to the direction of the current. Further, the magnetic field is asymmetrical in that the bottom half of the field is flattened by containing it in the ferrous material while the top half is round and creating an offset force upwards 90 degrees to the surface immediately below. (See figure 1 above.) Then expand this structure of current carrying wires into a circle having the center to the outside rim able to generate moving centrifugal force mass-fields also in rotational circular fashion.[3] There is also a link in reference #4 to huge UFO's pulsating spiral shaped fields that were filmed during what has been termed "the space shuttle tether incident."[4] At the end of the clip, the narrator mentions such esoteric things as zero point energy, advanced quantum energy control and gravitational energy control. (No mention of centrifugal mass field at all!)

The above offset mass field generation involved a pulse of mono directional current. However, if the field were generated as a two-step process wherein the established first current with its controlled decay suddenly reversed, the mass field would be set free or suddenly ejected as a force field mass that could be quite destructive to other massive objects at some point distant. In fact, continuously emitting alternating mass fields that were reversing in their rotation with each bolide emitted would be extremely destructive. Make the bolides small enough by raising the frequency, the increased power and smaller size could be used to cut anything like stone as if it were cut by an ordinary laser only much faster. Very useful for both construction and destruction.

Another video clip[5] reveals information concerning "dropa stones" which are carved stones made by ancient people that are very accurate models of the spiral field v-shaped UFO's seen in the reference #4 video previous. They appear to be a record of what people saw in the remote past.

By emitting mono directional pulsed electric fields, it may be possible to create what can be termed a "traction beam" and cause heavy objects to form a self-lifting atomic and molecular offset forces within the objects themselves. Technically, no actual pulling force is involved but rather the beam causes objects to move in the direction that the beam is programming the atoms and molecules to orient their synchronized offset mass-fields.

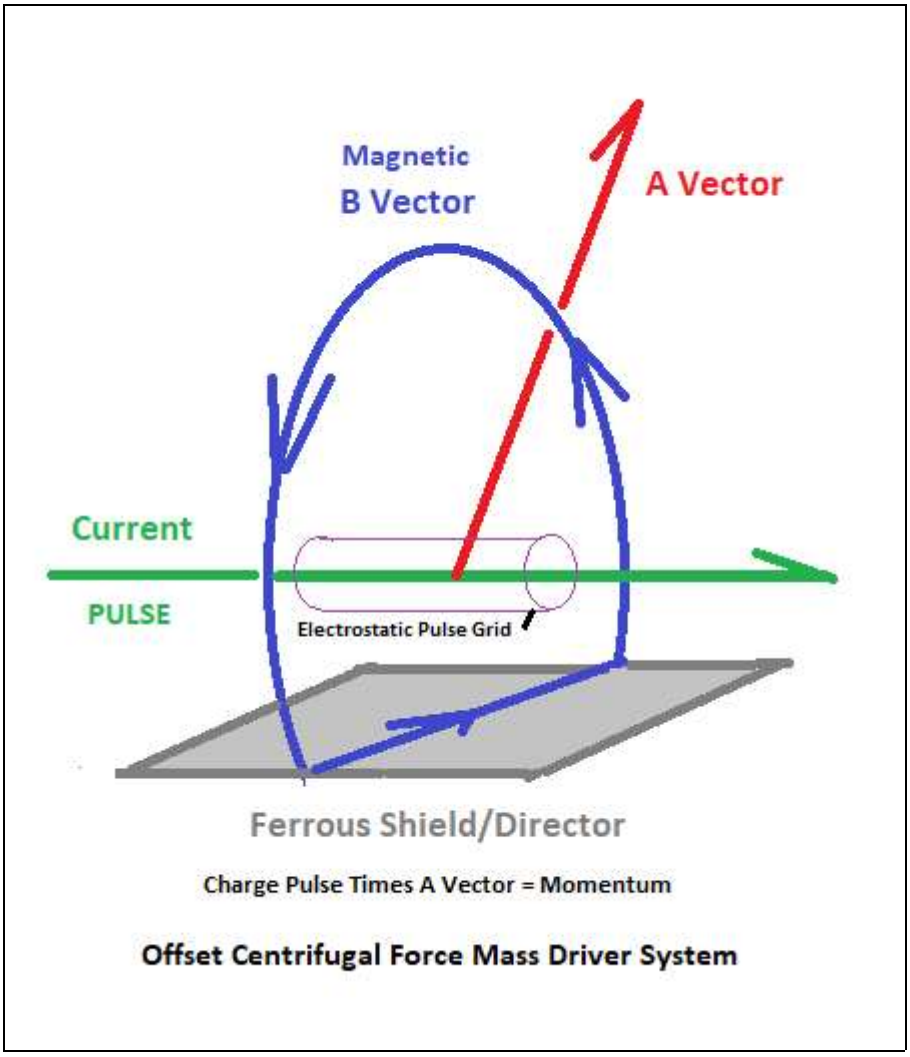
My personal experience with magnetic boloids launched from a rising UFO occurred when I was about 10 years old in Dallesport Washington across the Columbia River from The Dalles, Oregon. Near dusk some friends and I were out in a field when we noticed a pulsating light about a 100 yards away beyond a fence line. As the light grew stronger with each pulsation, I realized that it was not a normal thing and suddenly I turned and fear propelled me and my friends to run as fast as we could in the other direction back towards our homes. As we ran I heard and felt the wind from something whizzing by and over our heads with a sound like bullets passing. There was a full moon that night when it should not have been a full moon according to my father's input. A day later, a government man showed up and took me out to the place where the light was seen. He took each of my friends one at a time out there also. The ground had a black circle about 20 feet across and the short dry grass was bent and black but had a glossy look to it. The man said, "You do not want to remember this. Do you understand my meaning?" I quickly said, "Remember what?" (He seriously scared me.) He studied me briefly and then turned back towards the direction we came from. Both times he had held apart the barbed wire fence for me to go through and each time I thought he might let the wire go and hurt me but he did not. They all look alike and I have seen others like him even at my work places. Smooth featured and about six feet tall. Fairly non-de script overall except for being able to scare the hello out of me.

The quantum wavelength of the mass-field having the inertial offset can be calculated based on Heisenberg's Uncertainty Principle.

$$\lambda_{LMQ} := \frac{h}{(m_{eB} \cdot v_{LM})} \quad \text{or,} \quad \lambda_{LMQ} = 8.514995424177 \times 10^{-3}\ m \qquad 17)$$

The below figure represents the field action on the surface of a saucer style craft that emulates the atomic centrifugal force in crystalline solids presented previously.

Figure 2



Are UFO Fields Harmful?

I remember reading an account of a person who saw a UFO disk that was at rest on the ground in front of him. When he attempted to touch the surface of the craft, a voice in his head said, "Watch it bub! There are wavelengths that will kill you over time as they mess up your nervous system." He backed off. I never forgot that account since it caused me to think about people in general concerning sickness in its many forms.

If projected as a force field weapon, the mass fields from a UFO could be quite harmful indeed. There have been accounts of aircraft exploding in the vicinity of UFO's as the aircraft made hostile maneuvers towards the UFO. This is not recommended.

How Do UFO's Move So Quickly And/Or Disappear?

Evidently, the UFO craft are very much like a large quantum particle and as such can instantly shift locations in space just like ordinary quantum particles do. In fact, they have been observed to jitter about so rapidly that the space around them becomes a foggy blur to a nearby observer. This non-local capability also has another aspect wherein the craft can appear to change its size and shape as the strong field assumes different shapes to move the craft or project the field for protection. Wrapping a craft in a surface attached field as shown in figure 2 above can transform the craft into a large quantum particle. It would have the ability to use the field as an asymmetrical centrifugal force mass field that would mimic atomic fields as described above.

How Do The Occupants Of A UFO Survived The Instantaneous Changes In Direction?

Inside of a metal ball, there is a zero charge field while the outside may have a huge electrical charge. The ordinary Van de Graaff generator is just such an example. Therefore, on a parallel line of reason, if one creates an enclosed volume surrounded by a quantum mass field as described above, the internal volume effectively has no mass and thus is free from inertia. The internal volume behaves as a quantum non-local space and externally is local space. Its all about boundaries! Quantum particles act as the interface between non-local and local space so that gravitational action occurs by action through the non-local space and the reactions occur in the external local space region. The occupants in a UFO could very well be transported instantly to a similar craft at any point distant if the two craft were synchronized in fundamental quantum field frequency. We call this teleportation.

END

References:

1. http://keelynet.com/gravity/kfrost.htm

   Possible centrifugal forces generated inside of crystalline (quartz) by electromagnetic and strong electric fields at 90 degrees to each other.

2. http://www.gizapyramid.com/articles/levitation.htm

   Great Pyramid possible centrifugal mass-field generation by acoustic and electromagnetic fields.

3. https://www.youtube.com/watch?v=gMD7mJE5tLU

   NASA ISS live feed captures 3 UFO's centrifugal force field action as they leave Earth.

4. http://www.electrogravity.com/UFOMEDIA/UFOSPIRAL/UFOField.mpg

   Space shuttle footage of the famous "Tether Incident" involving huge UFO's captured in the background of the broken and loose tether.

5. http://www.electrogravity.com/UFOMEDIA/UFOSTONE/UFOStone.mpg

   Ancient Dropa spiral stone carvings of the same type of the huge UFO's seen in the famous "Tether Incident".

6. https://www.youtube.com/watch?v=4l_O8vfyRu0&list=UUYXYyrvifXsBpt1KBLngp8A&index=28

   Proof of least quantum energy related to a velocity differential in the magnetic field relative to the direction of the magnetic disk spin.

7. http://www.electrogravity.com/FlyingSaucerField/FlyingSaucerField_2.pdf

   Proposed design for generating the required macroscopic quantum electrogravitational force field for a flying saucer type of craft.

8. https://physics.stackexchange.com/questions/34977/what-are-the-units-of-the-quantities-in-the-einstein-field-equation

   The Einstein Field Equation K constant modified to G/vLM^4 instead of G/c^4.