Controlling Mass Via The A-Vector

by

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The vector magnetic potential (aka A-Vector) is fundamental to creating and causing a changing momentum. A valid demonstration of this was proven by the famous and thereafter often repeated Aharonhov-Bohm experiment where it was shown that the A-Vector, in the absence of the magnetic field it was directly created from, was able to influence the momentum of free electrons. Since the A-Vector demonstrates its influence on the quantum scale, it can also be expected to have demonstrated action in the scale of the macroscopic. The A-Vector effect on electrons was also demonstrated in semiconductor bulk materials.

Evidence of this is quite likely demonstrated by tornados, hurricanes, waterspouts and even the waves that form near ocean beaches. It is my theory that at the heart of these actions is a differential in energy density such that a circulating A-Vector arises around a line of energy differential. Attending the circulating A-Vector is a radial electric field from the axis of rotation outwards to the circulating A-Vector and also a magnetic B field inline with the axis of rotation. First is the energy differential, then the A-Vector, then the magnetic B field and corresponding electric E field. The energy differential and magnetic B field are 90 degrees to the electric field which is radial from them and the A-Vector is 90 degrees to them all due to its circulation around the axis of rotation. The energy differential and the magnetic B field are parallel to the axis of rotation. (They may have a time ratio of 4/π.)

A slight difference of wave elevation parallel to the beach represents an energy gradient along a line between the two points of energy differential. The temperature difference from ground to atmosphere represents energy gradient. In all of this, a Helmholtz resonator condition may exist and this accentuates the action of rotation and the rate of building up the intensity of the associated A-Vector.

Below are shown two cases involving different states of action for the E and B fields reversal and how the resultant A-Vector does not change sign. Rows 1 and 2 are the E and B fields and the resultant in row 3 is the A-Vector with a possible radial E/meter vector. The A-Vector circles both the E and B vector. (Again, the energy differential vector is parallel to the B vector but may differ timewise.)

$E := 1$ Fields Normal (A-Vec)*(E/m) Fields Reversed (A-Vec)*(E/m)

$B := 1$

E and B cross-products:

$$
\begin{pmatrix} 0 \cdot \dfrac{V}{m} \\ E \cdot \dfrac{V}{m} \\ 0 \cdot \dfrac{V}{m} \end{pmatrix} \times \begin{pmatrix} B \cdot \dfrac{V \cdot s}{m^2} \\ 0 \cdot \dfrac{V \cdot s}{m^2} \\ 0 \cdot \dfrac{V \cdot s}{m^2} \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ -1 \end{pmatrix} \cdot \left(\dfrac{V \cdot s}{m} \right) \cdot \dfrac{V}{m^2}
$$

$$
\begin{pmatrix} 0 \cdot \dfrac{V}{m} \\ -E \cdot \dfrac{V}{m} \\ 0 \cdot \dfrac{V}{m} \end{pmatrix} \times \begin{pmatrix} -B \cdot \dfrac{V \cdot s}{m^2} \\ 0 \cdot \dfrac{V \cdot s}{m^2} \\ 0 \cdot \dfrac{V \cdot s}{m^2} \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ -1 \end{pmatrix} \cdot \left(\dfrac{V \cdot s}{m} \right) \cdot \dfrac{V}{m^2}
$$

From the above, it is shown that the resultant A-Vector is in the same direction. Then an alternating energy gradient with the attendant electric and magnetic fields will generate an A-Vector in one direction only. I herein propose that this is the heart of how the Egyptians and Edward Leedskalnin lifted huge stone monoliths. The A-Vector would grow in magnitude with time.

It is shown on online that a simple disk magnet will rotate if current is passed radially across its surface 90 degrees to the magnetic field. (See http://www.youtube.com/watch?v=cBre4sQA9Ug)

The above link is only 0ne of dozens of examples of this principle. It is established that the magnetic field does not move with the rotation of the magnet. In fact, the disk is rotating in the direction of the A-Vector and it is my theory that the A-Vector is the field which causes the magnetic field to hang behind and thus the disk has a field to work against. In my theory, the A-Vector can build in amplitude* but does not move faster that the square root of the fine structure constant α in meter per second units SI. (* By building in amplitude, I mean for the case of alternating fields as shown by the cross-product example from page one. This occurs during tornado formation, ocean waves near the beach, etc.)

The difference between a coaxial cable and a hollow pipe is important. In a coaxial cable, the A-Vector follows the center conductor while the E field is radial but the B field encircles the conductor. Thus the A-Vector is constrained to the cable axis. Pretty much the same for ordinary conductors but if enough current is applied, the conductors will do a dance and writhe back and forth as witnessed during ground fault tests of large current switchyard facilities. Again, the conductors will attempt to follow the inline A-Vector.

I propose that if the hollow pipe from page one above is bent around in circular fashion horizontally to where it almost meets itself, and an energy gradient is formed inside from one end to the other, we can form a vertical field where the A-Vector is through the center in one direction and the outwards side is in the opposite direction, both with respect to the horizontal plane. Now if we allow for a mass in the center of the circle, that mass will be affected by the A-Vector, especially if the mass were mercury plasma inside of a vertical hollow resonator pipe. The A-Vector would punch the mercury ions against the top of the pipe repeatedly. The pipe would lift and if connected to the outside hollow pipe, the whole assembly would then lift as well.

We are not lifting ourselves by our bootstraps here. The Mercury does not have an opposite force effect downwards since the A-Vector does not reverse, it only is up or off as it cycles on and off as the E and B fields go through zero amplitude on their way to changing direction.

I propose that this is the principle of the ancient Vamina aircraft as well as upgraded versions of modern UFO's that supposedly do not exist.

There was a long period of time previous to the Egyptian empire of peaceful human living. Perhaps because they had all the free energy they needed.

THE QUANTUM PHYSICS:
Charge times the A-vector is momentum and the A-vector is (volt*second)/meter. Charge (q) times volt = energy. Then we have energy times sec = h, or Planksconstant. Then the final result is (joule*second)/meter or h/meter. Then since h contains both energy and momentum with the associated time and wavelength respectfully, we can understand how it is that the A-vector can cause action at the atomic level to accomplish what I have proposed concerning how Leedskalnin and the ancients did their "magic".

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The following pages contain copies of correspondence that relate to the above.

Letters to newelectrogravity@yahoogroups.com

Message 9726:   Lifting Large Mass With Small Power.

Nov. 13, 2012: In the book, "The Giza Powerplant" by Christopher Dunn, on p. 111 he tells of the day when Edward Leedskalnin of Coral Castle fame was moving from the coast (Florida City, Florida) inland to Homestead, Florida and hired a large flatbed truck to help with the transit. He asked the driver to leave him alone for a bit and when the driver was out of sight, there was a loud crash which alarmed the driver so when he went back, lo and behold, the large 20 ton oblisk was on the flatbed and Leedskalnin was casually dusting his hands off as if he had done it by lifting the monolith himself. If we consider that an ocean wave, tornado and hurricanes are all moved by a variable energy density creating an energy differential in the axis of rotation and that in turn creates a circulating A vector, then all Leedskalnin had to have was a hollow metal pipe of just the right length and circumfrence with the ends closed off. It may even have had some turns of wire on it which were shorted. Striking one end of the pipe on the stone, the pipe would resonate at just the right frequency and the pipe itself would be some multiple in length of the wavelength of 21 cm, the hyperfine wavelength of the Hydrogen atom. Leedskalnin would hold the pipe parallel to the mass of the stone and the rotation of the A vector being orthogonal to but circulating up on one side of the pipe and down on the other, Leedskalnin would orient himself to take advantage of the up vector side. The stone would lift along that up vector since the atoms in it would try to follow tha A vector. Quickly throwing the pipe out of sight before the trucker could return, the amazed trucker would not have any clue how this 20 ton stone was so easily lifted.This would explain how 200 ton granite blocks of the Great Pyramid were lifted and other sites have 400 ton stones. The weight is immaterial, since all of the mass is set in resonance by the A vector to lift itself.There are also reports of remote people lifting large stones up the side of a cliff using synchronized drumbeats of different wavelengths. Arranged possibly in such a fashion so as to take advantage of the A vector up direction as described above. THE QUANTUM PHYSICS: Charge times the A vector is momentum and the A vector is (volt*second)/meter. Charge (q) times volt = energy. Then we have energy times sec = h, or Planksconstant. Then the final result is (joule*second)/meter or h/meter. Then since h contains both energy and momentum with the associated time and wavelength respectfully, we can understand how it is that the A-vector can cause action at the atomic level to accomplish what I have proposed concerning how Leedskalnin and the ancients did their "magic".

Message 9723:   Energy Pipe Experiment.

Nov. 11, 2012: On or about June 29, 2008, I did an experiment that gave startling and scary results. I have not repeated the experiment since I am concerned about the possible outcome being dangerous. Attached to this post is a jpeg picture that shows a set of three thin walled pipes, each 10 feet long and originally used as a t.v. antenna mast. They are inserted inside each other so that 8.3 feet are exposed on the upper two pipes. On my website, a link to a paper EnergyPipe shows related calculations. I used a 6 inch speaker into a funnel and fed this into the large end and put a block of wood over the other end to aid in building standing waves. An audio amplifier was used to pump energy into the speaker from a variable frequency audio generator and the frequency was slowly raised to near 400 cycles per second. After several attempts, (each time I raised the amplitude) until all at once a sound was heard that I can only imagine to be the purr of a male African lion with a bad cold in his throat. In a few seconds, my wife, who was inside the house, (and quite alarmed) hollered "what are you doing out there?". Quickly, I shut the experiment down. I was inside the back porch area and not able to see the sky so I cannot say if anything visible happened up there but we both heard something of considerable power in motion, like what people often describe as the sound of a tornado. The active dimensions of each the pipes are exact multiples of the hyperfine hydrogen wavelength multiplied by 12. The total is 36 multiples of lambda H1 hyperfine.

Message 9723 Continued

The air motion (rotation?) above the experiment is likely caused by the same action as a synchronous induction motor where the phase shift would be the atan of 4/pi, or about 51 degrees, and thus the close relationship to the Great Pyramid at Giza is to be noted here. Along the pipe is established a variable energy density and thus a circulating A-vector around the pipe. It does not take much input energy into the pipe to get large scary results. This also is tied to the time that I was putting up the same kind of antenna mast and electric fire shot out from the edge the pipe to the metal rim of the flat asphalt roof I was standing on. As I was raising the pipe, the angle must have hit close to a sub multiple of 51 degrees and all heck broke loose. I had on rubber gloves because it was hot up there and they were by chance the only gloves I could find at the time. As I was raising the whole pipe up, I let the end bang down on the metal roof edge, and when it bounced back up, that is when a white electric arc of increasing length was established. Then that banging sound must have traveled up the inside of the pipe, establishing a variable energy density. Same principle but results were electric r.f. high voltage. I quickly forced the pipe down to the edge of the roof and put my weight into it to short the arc out. Measurement later established that the rim of the roof was at ground potential. I intend to repeat the experiment when things warm up a bit.

Message 9715: Liquid Wave Mechanics

Nov. 09, 2012: Ongoing research by myself has led me to the conclusion that the wavelength associated with the hyperfine wavelength of the Hydrogen atom is very important in common physical actions. That wavelength is known as being in the 21.10612522 centimeter band in radio astronomy. We do not see that radiation from an atom of Hydrogen unless the associated electron is spin flipped and then the electromagnetic radiation is released at 1.420405 GHz. However, there is associated with the proton the same wavelength that is quantum and fundamental as a distance that is important to physical actions. The main difference is the wavelength is a standing wave that reaches out from the atom and as such is not a photon but can interact with other matter. As such it also is not visable. Physical particle actions that do their work in that wavelength can exhibit forces at much lower frequencies, expecially under resonant conditions with their surroundings. For instance, consider a newly forming ocean wave. In my analysis of the action of forming an ocean wave, I see one end of a line through the center of the wave as having more height above the ocean floor than the other end. (As viewed looking at the wave from the shore.) The difference in height at some point being related to the hydrogen hyperfine wavelength, which in this case, is also a standing wave. This differential in potential energy above the ocean floor translates 90 degrees to being an energy differential along the axis of rotation of the forming ocean wave. Any energy differential along a line will give rise to a circulating vector magnetic potential that increases over time due to the differential energy gradient. This causes the wave to become larger over time until the point near the shore that the energy differential drops to zero and the wave collapses.This action is also pushed along by what I perceive to be white noise energyfrom the main body of water out in the ocean itself. (Heat and wind raise this overall energy level.)This same principle applies to tornados and hurricanes. A vertical energy gradient will cause the vector magnetic potential to build around the axis of rotation vertically. Dust and molecules of water will greatly enhance this action over time. Water has two hydrogen atoms and one oxygen atom but it is the hydrogen atom sthat excite the process due to the standing wave as mentioned above. There is tremendous energy in the hydrogen standing wave as demonstrated by steam boiler explosions which have been known to level buildings. There are also key frequencies associated with the hydrogen hyperfine standing waves which add to the energy building process. More on that in my next paper.

Message 9710: Pyramids of Elysium, Mars.

Nov. 06, 2012: Something that is not mentioned at all in the general news are the pyramids of Elysium on Mars which are adjacent to the structure that resembles a face. These pyramids appear to be 10 times taller than the pyramid at Giza and others on Earth. Power Generators of antiquity is my take on these large structures.

Message 9703: Netflix Movie, "The Pyramid Code".

Nov. 02, 2012: I happened across a 5 part movie presentation about the Great Pyramid at Giza as well as other pyramid sites most people do not know about and how some show signs of tremendous explosions and heat that the Egyptian government is trying to erase and/or keep secret. The Netflix on a Wii console works directly into a television or can be watched on your computer or iPad. Great source for other science movies like the Cosmos series, etc. I highly recommend "The Pyramid Code". As one PhD put it, "The chances that the pyramids were used as tombs is zero squared".

Note: More may be added as time goes by.