

Theory.011

## **FIELD THEORY**

[Todd.grig@gmail.com](mailto:Todd.grig@gmail.com)

**Kahn University Young's Double Slit**

<https://www.youtube.com/watch?v=xaAthgG0o8o>

## **SPRINGS**

I can solve the active spectra heterodyning addition of wavelengths and make a fusion moon rocket engine without radiation. Requires magnetic confinement.

FILE NEEDS REVISION AND EDITING

NOTE SOME OF THESE ARE IN DOC ALREADY

**Looks like entanglement but it's not. The collision of photons from emitted from both slits causes the photon or particles to rotate or spin in opposing directions. Much like the collision of two balls the spin of one ball is transferred to the other. The resulting rotation or spin of each ball is opposite from another. A detector cannot be placed in the path without disrupting the outcome.**

**Further information of this theory can be found in the master file which needs editing and more work.**

**The electron emits both repel and attract the spins**

**Microwave exp on YouTube.**

PLANKS CONSTANT see file

Background radiation

MICROWAVE INTERFEROMETER (Lancaster University)

<https://www.youtube.com/watch?v=P03lz9VM42U>

The photons are bouncing off the edge of the slit (their paths are redirected by the bounce). After they are redirected, they then collide with another photon that has bounced off the edge from the other slit. The paths are redirected by collisions and form the interference pattern. This results in a condition similar to quantum entanglement. See Wikipedia

This was removed from Synodic.261  
Turnbuckle is wrong

The neutron and proton spin out a torsional EM wave in one direction only which is the opposite of the spin of the universe. **(DO THE PROTON AND NEUTRON SPIN IN THE SAME DIRECTION?) NO but they only attract their equal (another proton to proton or neutron to neutron) but they cannot be (error see magnet theory)**  
**Only the proton emits the wave because it has a magnetic field which is what?**  
**The protons double. There is only 1 proton in hydrogen atom.**

Open spring is correct.  
Cinch up like nut and bolt is illustration. Actually, it is like 2 helix springs.  
Electron spin and precession emits from the top a rotating spring like helix wave.  
Magnetic field is the electron mono pole when turned 180 degrees forming what appears to be 2 poles.

When the two springs of the north and south attract.

This configuration allows 1 pole to appear as two poles, north and south.  
The magnet field is the electrons aligned north side electrons facing outward and the

The proton and neutron also emit a rotating spring like helix wave that travel out forming the aether field.

Schrodinger's cat. Dual slit experiment they did not have a laser. Actually, all one needs is a thin or thick wire  
They have to cheat to solve the position of the dark or light bands. See Kahn academy.  
Quantum superposition

## CONCLUSION

Provides a relationship between gravity and magnetism, and chemistry (the combining of the elements). When the quartz in the sand pulls up it's a quartz or water wavelength. When it's an iron oxide frequency the rust pulls up or down. When it's a mica frequency it pulls up (can be seen sparkling in the water). When the mica dries, it can blow up to the upper bank. It is lightweight and can deposit a lot of mica particles on the upper dunes giving them an excessive

sparkling effect in the sunlight. When it is an atmospheric (water) frequency it pulls on the air influencing the weather. When it is a human body frequency it can be felt.

If one looks at this phenomenon closely, along with the guidelines written here, it is difficult to deny. The author concluded some type of hidden interaction (a unique collision or transferring of force in the case of the rotating helix) between electromagnetic waves of similar wavelength exists. Briefly; this requires extending the rules of superposition to include an energy interaction along with the confirmed appearance to pass directly through one another unaffected.

The Doppler heterodyning calculations concluded the gravitational wavelength at approximately .00713 Angstroms ( $7.13 \times 10^{-13}$  meters). The neutron and proton are the basis for atomic weight and stoichiometry (how chemicals combine by their whole number atomic weight). It should become clear; they may be related to the wavelength of gravity. Why this wave cannot be detected directly is due to its passage through everything (including the instruments used to detect it), Altering the experiments outcome. If the rotational wavelength of the proton and neutron are slightly different, there is the possibility of two gravitational wavelengths. Other than its resultant pulling force, it is hidden if one attempts to detect the wavelength directly. The author believes the gravity wave is emitted from the proton and or neutron and becomes the ether field. The rotating helix wave passes through everything enabling the properties of inertia, length contraction, time dilation, and the bending of light. The rotating helix wave concept is easily understood but requires enhancing the rules of superposition, which then allows complete comprehension of the double slit and wave particle duality.

The bending of light is due to a minute force between gravity and light by the rotating helix wave. Math terms can be added to Newton's gravity theory to account for the bending of light.

The author sincerely believes once this is understood to be a gravitational phenomenon some difficult physics mysteries become easily understood. Being that this wave passes through everything and the particles of stoichiometry (relationship to mass) are the source it is not unreasonable the wavelength of gravity is interrelated with the neutron and or proton.

Accepting that an electromagnetic wave can transmit a minute force gives us insights into:

1. How the ether field composed of gravitational waves can be undetectable by the Michelson-Morley experiment
2. Looking at superposition and interference in a new light
3. Understanding inertia and magnetism
4. Duality
5. Time dilation and length contraction can easily be understood.
6. Results found in EPR experiments.
7. Chirality: Since it is emitting a helix from one direction and being in a magnetic helix field. Gives it one direction of alignment or its handedness. i.e., the helixes align up.

## **UNIFIED FIELD THEORY**

HYPOTHESIS: The aether field is warped by the undetectable emission's from the  
The proton and neutron may or may not emit a field. They only pull the existing aether through  
themselves causing a space time warp, or both.

HYPOTHESIS: The aether field appears as two entities an electromagnetic field emission and  
simply pulling waves through it causing a similar confusion of duality.

HYPOTHESIS: The photon also leaves a wake as it travels through the aether field.

Searching for a unified field theory. Take the entire known physical phenomenon and find some  
common basis. The only things that can answer all the properties are waves. Please don't jump to  
any premature conclusions; I am absolutely certain that gravity is an electromagnetic wave.  
This theory was developed using some knowledge obtained from the beach gravitational  
phenomenon. Unites gravity with the other forces of nature.

Through the application of an aether (Elohim field) some previously unexplained or not well  
understood physics may be explained. Like what cause a magnet to attract? It will be shown how  
the Michelson-Morley experiment could be in error. The application of an aether (Elohim field)  
could nullify the experiment.

Addresses some objections to curved space-time gravity theory. Curved space-time gravity  
theory has no force associated with it. Instead of a force, mass is considered to be in constant free  
fall.

In this neo-theory, all the equations remain the same when compared to relativity only the  
concept changes. I will show how changing the concept ends in the same results as relativity, but  
replaces the force back in gravity. It all can be explained mechanically with just a few concepts.  
No more mystery of what causes mass increase, length contraction, and time dilation. The results  
of Einstein's equations are still valid. Motion is still relative; the explanation becomes apparent.  
The puzzle of special relativity is now comprehensible.

It is often said of Einstein's special theory, that it is the best theory we have or that it is the only  
alternative and we simply have not come up with anything better. Consequently, we are told not  
to try to understand his second postulate (The principal of the constancy of the speed of light) by  
visualizing some physical process. Einstein simply asserted that this is the way things are and  
offered no explanation.

The Michelson Morley experiment showed that light has a constant speed regardless of how fast  
the source was moving. Einstein reasoned that, the only way for the speed of light to remain a  
constant, is if time could change. He reasoned that the speed of time can change. In this theory I  
will show how light can appear to have a constant velocity the force is put back in gravity, and  
the results are the same as relativity.

Relativity's concept of time as a fourth dimension is replaced by the special attributes of the helix  
wave. The attributes of the helix wave (circularly polarized wave) can alter time and make it  
appear there is a constant velocity for light.

This thesis has several variations of ideas all based upon a helix electromagnetic wave. More  
commonly known as "circularly polarized", but with this twist. They are rotating! Some of the  
variations may be misplaced or incorrect, but on the whole, there is merit. One or more of these  
variations may be responsible for all the forces. The matching of particle attributes to the rotating

helix wave theory was not completely determined here. This thesis is an attempt to organize some basic concepts of the rotating helix electromagnetic wave theory and the "Synodic Theory of Gravity".

Wave theory based upon the following premise: All forces electric, magnetic, and gravitational can be shown to originate from rotating helix electromagnetic waves emitted from the basic particles and molecules in the case of chemistry. It is known that particles rotate like toy tops, this is the basis for the helix attraction. The waves form the basis from which the attributes of single poles (gravity and particles) and magnetic in various configurations can be derived from. Wave theory supports down to earth quantum mechanics. Only waves of the same size and type may combine. Included also a relationship to chemistry. Both the gravity and magnetic waves hypothesized are of extremely-extremely high frequency well beyond that of light.

Premise 1: The rotation of the helix electromagnetic wave enables all forces much like the threads of a nut and bolt. In this case unlike magnetism which has two poles gravity would be a monopole.

Case in point 'exception to the superposition rule' is the key to how the waves cinch up like the threads on a nut and bolt See Chapter 2.6 2.7. There is a possibility that there could be a minute reaction (coupling) between helix waves from two sources, and that a minute force could be transmitted along it. Also see threads and nut and bolt in main theory file located within 'Synod2.exe'.

If you superpose the same type of electromagnetic wave in all directions you will get destructive interference and essentially either no force or electrostatic forces only. That's true, with one exception! The rotating circularly polarized waves traveling side by side however will not interfere because they rotate as fast as they propagate. Their phases are all in alignment! Visualizing this in a stationary frame of reference, the polarity (wave crest) remains in the same position as the helix wave passes by. Much like a strobe with a 1 to 1 ratio i.e., 1 flash for every 1 rotation. They are in sync. So, the wave crest of one wave will fit neatly in the trough of another without interfering. Also from Chapter 4: Only pulsing waves form interference patterns. Alternative: A magnet could be pulling the aether (Elohim field) in and out of it.

Curved space time theory has no explanation. There is no adequate explanation of how mass generates curved space. What causes space to warp? You can just postulate, 'that's what mass does', or try to find a different analogy. Something like matter being a collection of knots or kinks in space. The theory just postulates that mass bends space. It really doesn't fully explain how this happens. Curved space-time is a concept in general relativity to explain free fall in terms of geodesic paths. General Relativity explains trajectories without the need of any interchange of a force, just the curvature of space. The current theory of curved space-time does not support a connecting force between the moon and earth. It also does not contain quantum mechanics.

The ALICE experiment at CERN. "The vacuum is actually filled with undulating fields that constantly burp particle-antiparticle pairs into and out of existence". Is this evidence of an aether field?

## **ELECTRON AND MAGNETIC FIELDS**

All electrons are emitting waves in a clockwise direction like a spiral galaxy floating in a sea (the aether) in which it absorbs its energy from. Particles rotating in same directions will repel and opposite directions will attract much like the threads of a nut and bolt. These particles are aligned in 1 direction by the pulsing of the sea of aether. When affected by an external magnetic field they align then snap back when removed. Spun like the old tops with a handle top and helix threaded rod down the center. Pressing down on the handle rotates it. Pulsing aether pressure on the sides of the electron rotates it.

## **SHIP IN THE SOUP**

Explanation of inertia: A neo-aether illustration or paradigm.

There is this little space ship floating around in this strange soup. The soup also has a number of other objects floating around in it. Every time the ship or anything else moves they affect one another's physical internal atomic makeup. Winding or spinning up atom like structures that control many of the ship's physical properties. This is because the soup consists of these thin elastic strands that connect everything together. The strands allow movement but transmit energy that affects all other objects in the soup.

All of the objects emit the strands. The bigger or heavier the object the more strands it emits and the harder it is to push. When any object moves in this soup, its strands pull on all the other objects, thus making it harder to push. Once it gets in motion however, the strands signal back and say, "ok, I see your in motion go ahead you're free to move, but don't go any faster! If you go faster, I will pull on you some more until I can signal back" and again say, "I see your in motion again, but don't go any faster or I will pull on you again."

Explanation:

The strands are helix electromagnetic waves that interact like nuts and bolts or like the old push drill that rotates the drill when you push down on the handle. The drill has a helix thread with an extremely long pitch. Pushing on the nut rotates the drill and vice versa. The strand is the shafts helix and the nut is the object. Pulling on the strand rotates the bolt. Since the strands are in constant connection there is no delay however two conditions exist. 1. A flexure delay 2.

Immediate response. This is the helix or circularly polarized wave as will be described later.

The physical properties affected are things like inertia, light velocity emissions and the size of the ship. The strands are circularly polarized waves emitted from all mass. They have a special property however; They are rotating. The polarity rotation along with the superposition law enables a transfer of forces along with some other properties of light.

Mainly only the strands along the line of movement are pulled upon. Those strands connect to little flippers that emit light. The little flippers can emit light all directions. The little flippers are riding on springs (helix). The springs are connected to the strands. They rotate or spin faster as the ship travels faster through the soup. Much like pushing a propeller through the water. As the ship goes faster, the springs in alignment with the velocity compress. Since the springs are the main property of the ship, the ship shrinks in size but only along its length, the direction of travel.

Note: All matter is composed of waves. Solids including particles are constructed entirely of waves. Particles are wave constructs see Tom Lockers book ref. The springs and flippers as described here must be assumed to be constructed entirely of helix waves to help enable your cognitive reasoning powers. Further reading will help if you stick with it.

### **CONSTANT VELOCITY OF LIGHT:**

There are many springs all pointed in different directions. The little flippers are mounted all along the coil of the springs. The springs rotate along their axis making the flippers appear to be moving backwards against the velocity. The springs emit the strands. The faster the ship goes, the faster the springs along that direction rotate. Since the springs rotate as fast as the ship goes and the light flippers are mounted to the coils of the springs. Light always appears to have the same velocity.

A Different Perspective on the Constant Velocity of Light: See included (in synod2.exe) Gif 3.A on the interferometer experiment.

Much like a baseball pitcher standing on a rotating platform (he is facing opposing the rotation). The faster the platform (the object) moves linearly forward it equally increases its counter rotation. Thus, the ball always releases from the pitcher's hand at the same velocity. The two velocities add one is positive the other negative. The result is always the pitchers arm velocity. Similarly; except that the photon is emitted from a point on a rotating helix. An object's internal structure rotates when moved relative to the galactic frame of reference. Thus, when the photon (the ball) is released, it always has the same velocity.

The internal makeup of the atom is synchronized to the galactic frame of reference (this can be understood by closely understanding the Ship in the Soup paradigm). Any object's velocity relative to this frame imparts an equal counter rotation in its internal makeup responsible for photon emissions. The synchro mechanism responsible for this counter rotation are, circularly polarized or helix waves (the soup). The helix waves interact much like the helix threads of a machine bolt, linear movement and rotation are synonymous. Since the helix waves are emitted in all directions, only the helix's facing along the velocity vector line are affected. Thus, ship shrinkage is along the velocity vector only. This is known as relativistic length contraction.

### **PARTICLE LIFE:**

Consider the particle as a nut (the nut of a nut and bolt) in the below representation.

Why does a particles life last longer the closer to light speed it travels? The faster it travels the faster it spins due to its passage through the soup aether (Elohim field). Passing through the strand helixes the particle internal makeup increases spin. A particle is fired into the soup at nearly light speed. It then strikes another particle transferring its momentum. It must spin down to disintegrate. But since the particle's internal structure already has a high rate of spin. Its spin rate only increases further at near light speed. There is an error in this analogy however. The inertia helix is proportional to the velocity. Life of the particle and mass increase is not. The answer is a gear down of rotation rate is transferred to lower spin rate to waves that control size and time or life of the particle. Much like a clock works. Since they are rotating much slower no effect occurs until near light speed. It then emitting its own electromagnetic wave which reduces

in wavelength as the velocity increases. The wave begins to match closer and closer the soups helix wave size increasing the mass. The closer the waves match the better the bonding and greater the energy transfer (bonding will explained in chemistry section). This all occurs due to the internal makeup of the particle.

The gear train is a result of wave repulsion from the star pattern (or gear) emissions from the molecule or atom two rotating star patterns having a different number of points (much like two gears of different ratio) interact. The repulsion between the gear waves (see superposition) enables the rotation and gear train effect. Electromagnetic waves in star like patterns (akin to the lobes on molecular models or atomic orbital lobes) operate like minute gears. The exception to superposition enables this. This has been shown to be true on the molecular scale.

This is similar to the magnet produces electric current part of this theory. As the magnet passes over the wire the faster it passes over the wire the greater the voltage. The waves from the two initially are just beyond in size difference to react. However, increasing the velocity between the two spins up the rotation rate of that one as it passes through the soup. The two waves (helix) now begin to interact producing a current, or rotation the helix wave. An alternative is just a force reaction between two equal sized helix waves producing a current.

#### **INERTIA AND MOMENTUM:**

This description is in the “Ship in the Soup” explanation.

A frictionless nut (the object) riding (rotating) on a helix thread (the soup). The nut is forced to spin at a rate relative to the objects velocity. The nut maintains its rotation rate as long as the objects velocity is constant. When the velocity of the object is reduced the nut engaged on the helix thread dumps its energy into the thread producing an equal and opposite force. A force on the thread and an opposing force on the nut. This is how Newton's laws are satisfied.

ALTERNATIVE:

Like two SloSyn synchro servo motors in series. Any movement of one motor shaft is immediately transferred to the other motor by the connecting wires. Both motors have weights attached to their shafts. The wires between them carry the inertial force (momentum) of their weights transferring it from one motor to the other. The inertial force is transmitted from one motor to the other. The wire connecting the two motors is equivalent to the strands in the Ship in the Soup paradigm. The strand wave emissions from a mass align with the direction of motion. This is inertia.

An alternative; two different spin helixes of a particle. One helix has a direct connection to the strand helixes. Any movement directly causes it to spin faster. Inertia may have a separate wavelength helix from mass, but the effects are the same.

#### **CONSERVATION OF ENERGY:**

Since the momentum is shared via the helix wave throughout the universe. Conservation of energy is maintained. Energy emitted by mass enters the soup and is shared by the mass in the universe. It propels itself. Like an enclosed box of heat a perfect thermos, no energy escapes. Energy conservation is maintained.

#### **MASS INCREASE HYPOTHESIS:**

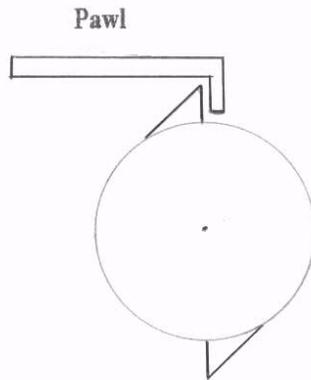
According to an interesting article in the current issue of the Chemical & Engineering News: "[A] new class of synthetic molecules is capable of rotating like compasses and gyroscopes. Crystals may appear to be solid and static, but their sturdy molecular frameworks can support a sea of motion--chemical groups that spin freely, thanks to the frictionless triple bond. Taking their cue from natural examples of this type of molecular motion, [scientists at the] University of California, Los Angeles...are developing a new class of materials they call molecular compasses and gyroscopes." The article in C&EN is not available to non-subscribers, but the references to the appropriate technical articles in the Journal of the ACS appear to be accessible:

<http://pubs.acs.org/cgi-bin/jcen?jacsat/124/i11/html/ja0119447.html>

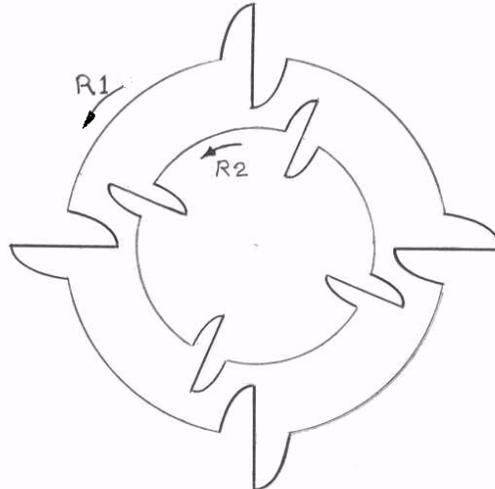
I propose that the atomic structure can do the same. Since particles are entirely constructed of waves.

What causes the near light speed mass increase effects? Near the speed of light, the geared down larger gear begins to latch on to the strand's helix. At this point the small gear driven by the larger attempts to increase rotation rate dramatically. But since it is already connected to the strand's helix, it resists acceleration. This resistance appears as a change in mass (and in fact is). It's all interconnected. A synchro effect occurs. The large gear acts like a nut only (see nut bolt description). If it emitted another helix strand there would be another helix interaction. The mass increase only occurs along the direction of travel. This is because only the helix aligned with the direction of travel are affected.

A mechanical explanation of time and mass increase at near light speed: It is known that molecules interact with minute small gear like structures. A gear and pawl mechanism similar to the one found in a winch, or a one direction of rotation pawl mechanism. This could be a reason for the increase in mass. See the Pawl Ring Gear and Ratchet drawing. The inner gear rotates at a higher rate than the outer. So, the pawl and cog gear remain disconnected. As the outer gear rotation increases to meet or exceed the inner gear the pawl engages and time begins to slow and mass begins to increase.



PAWL AND RATCHET WHEEL  
ONE WAY MECHANISM



PAWL AND RATCHET GEARS FORMED BY SAWTOOTH WAVES

Wave Deforms or Flexes allowing rotation in one direction

IF:  $R1 < R2$  Then Pawl is Disengaged

IF:  $R1 \geq R2$  Then Pawl is Engaged

**LENGTH CONTRACTION:**

Length contraction from near light velocity is similar to mass increase. As the helix waves of the mass increase rotation rate along the direction of travel. The rotation rate increase reduces the wavelength of the emitted strand helix from the mass through the gear reduction. Mater being composed of waves (which build the particles) shrinks from the wavelength reduction caused by the increased rotation rate. The shrinkage similar to mass increase only occurs along the direction of travel. But measuring the contraction in its own frame of reference shows no change in length because the instrument used to measure also has changed in length an equal amount.

**THE MIS-INTERPRETATION OF THE MICHELSON MORLEY EXPERIMENT. (The Constant Velocity of Light and the search for aether (Elohim field).)**

The helix electromagnetic wave and the error in superposition evokes a new twist in the Michelson - Morley interferometer experiment. When the light strikes the mirror (reflects) it leaves at a different velocity. The mirrors photon emitter flippers ride on the helix gear. Since the helix rotates with the forward velocity. A photon emitted from the flipper toward the direction of movement experiences a reduction in velocity. Light emitted from the direction opposite of the velocity experiences an increase in velocity. Thus, an interferometer is unable to detect velocity, only acceleration. Like a clock running inside a space ship is unable to detect its time dilation, the interferometer is unable to detect its own velocity. Also see Illustration 3.A. Since mirrors are used in speed of light experiments, they are invalid as well.

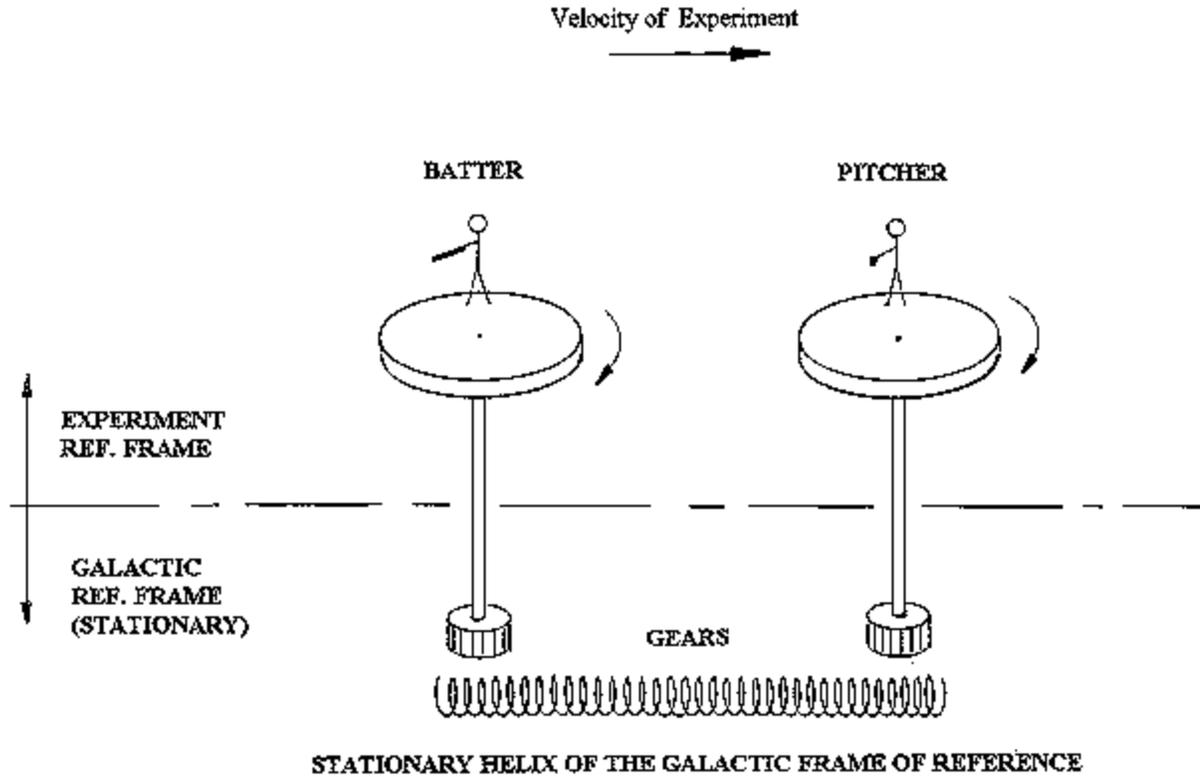
Since this is the foundation for relativity, the theory of relativity is flawed. The current relativist-based space ship paradigms must be re-evaluated.

**ILLUSTRATION 3.A MICHELSON - MORLEY INTERFEROMETER EXPERIMENT:**  
A mechanical representation of how the velocity of light always appears as a constant.

ILLUSTRATION 3.A

A Mechanical Representation of How the Velocity of Light Always Appears as a Constant.

MICHELSON - MORLEY EXPERIMENT: Leg Parallel To The Velocity Only.



See Text For Explanation

The dashed line separates the experiments reference frame from the galactic frame.

B=Batter, P=Pitcher. Pitcher is the photon emitter, Batter is mirror M1

|| = represents gear driven shafts which rotate the platters in sync with the galactic frame.

Batter and Pitcher are standing on the platters facing each other. Both platters rotate clockwise in sync. Note: Both Bat and Pitcher's arm always have the same constant velocity relative to the platters. Only the platters rotation rate changes with the experiments velocity.

The pitcher releases the ball when both batter and pitcher directly face each other.

Velocity of Ball (photon) = Pitcher's arm - Platter rotation rate

Ball Leaving Batter = Bat velocity + Platter rotation rate

Summation of Both Directions = 0 Thus the experiment is unable to detect constant velocity. The other leg of the experiment is unaffected (mirror M2's path) It's three dimensional. The galactic helix passes through all matter enabling the synchro (see theory)

A beam of light from the headlamp of a speeding locomotive will not move faster than the speed of light because it is emitted from the pitcher's arm.

### **TIME MOVEMENT:**

"Time Tries Everything". The movement of time. The special attributes of the helix wave can affect time. It is known that moving clocks exhibit a time shift (run slower) relative to their velocity. The helix wave is minutely flexible. The faster an object travels (constant velocity) the more torsion it places on the inertial helix electromagnetic waves. This translates to a time delay. This is the mechanism for the time delay and the reason why clocks run slower. The torsion causes flexure along the helix within the object. The torsion minutely alters the wavelengths of the object (like placing a torque on a helix or spring). The closer the two combining helix waves match the faster is the chemical reaction, the further apart the slower (see chemical combining and or Planck's constant). The torsional torque's up to a point then remains there. The torsional twisting moment only becomes apparent at high velocities. There is a minute amount of mass in the helix wave enabling the immediate torsional transfer of energy. Affecting the speed of chemical reactions, but for similar reasons as the Michelson - Morley interferometer experiment, it is undetectable in that reference frame, since everything is affected in that frame. Comparing time between a stationary frame and one that has undergone a high velocity reveals a time difference however.

Interferometer: As long as the velocity of the object remains constant the light fringes on the interferometer (MM experiment) remain stationary. If the velocity remains constant the torsional stress remains constant and no fringe movement is observed.

:

The star gear is formed of star pattern electromagnetic radiation emissions. See chemistry.

Time tries everything. Due to the object's connection with the soup, when an object moves it its strands (helix wave as described in Ship in the Soup) relays its movements at the speed of light to all parts of the universe then back again, a loop or connection. The normal is the universe center of inertia, an imaginary center in the universe. This is an alternate inherent time delay mechanism. All mass shares this inherent time delay mechanism.

THE SEA: (Immediate transfer of information) The "O's"

Another mechanism that could exist is an immediate transfer of information to the galactic center or all parts of the universe. The soup may also appear as a highly ridged structure not based upon the helix and its flexure properties. This mechanism is much like a bunch of balls all touching one another. Electromagnetic waves packed full one against another. The movement of one ball immediately (no delay) transfers to all parts of the universe. This then not using the helix is a non-inertial response. No inertial energy is transferred (which requires the helix), there is no reply back. It might be detectable however.

### **3.10 COVARIANCE:**

The laws of mechanics are covariant-they have the same form in all reference frames.  $F=ma$  in one frame is the same in all reference frames. Mechanics on a ship moving at constant velocity is the same as it on land. However, when the same considerations are applied to the laws of electromagnetism, problems arise.

Two equal point charges  $q$  moving with the same velocity develop a magnetic attraction. The repulsion force between the two particles is therefore reduced by the magnetic attraction.

Point 1 is explained as follows: As a particle passes through the soup another helix wave (the magnetic field) is formed through the engagement with the soup helix.

In the Synodic theory - because it is that the helix wave's phase rotation rate that increases with velocity along the helix within the object. The torsion minutely alters the wavelengths of the object (like placing a torque on a helix or spring). The closer the two combining helix waves match the faster is the chemical reaction, the further apart the slower (see chemical combining and or Planck's constant). Affecting the speed of chemical reactions, but for similar reasons as the Michelson - Morley interferometer experiment, it is undetectable in that reference frame, since everything is affected in that frame and chemistry and physics remains unchanged. Physical laws remain the same as velocity increases. The rotating circularly polarized helix wave within objects self-corrects any abnormalities by self-syncing with the soup as was shown in the Michelson - Morley experiment's explanation. It remains synced with the galactic inertial frame.

### **NEO-ETHER ALTERNATIVE:**

An important alternative: Electromagnetic waves are simply movements of the anther (Elohim field). Much like water waves. Like a huge three-dimensional net, waves are the movement of this net. All helix concepts remain the same.

The acceleration and expansion of the universe may be due centripetal force from the rotation of the universe from the beginning.

Further work has been done on this subject, not included here.

### **Possible future space travel:**

High voltage multi-frequency antigravity YouTube video: "The Hutchinson Effect"

[https://www.youtube.com/watch?v=elSWT\\_goNTM](https://www.youtube.com/watch?v=elSWT_goNTM)

Somehow John Hutchinson using several sources of high voltage has managed to cancel the effects of gravity. His video shows various objects including a cannon ball levitating.

<https://www.youtube.com/watch?v=ufcsOjy9D1c>

Gravitational canceling. Dr. Eugene Podkletnov

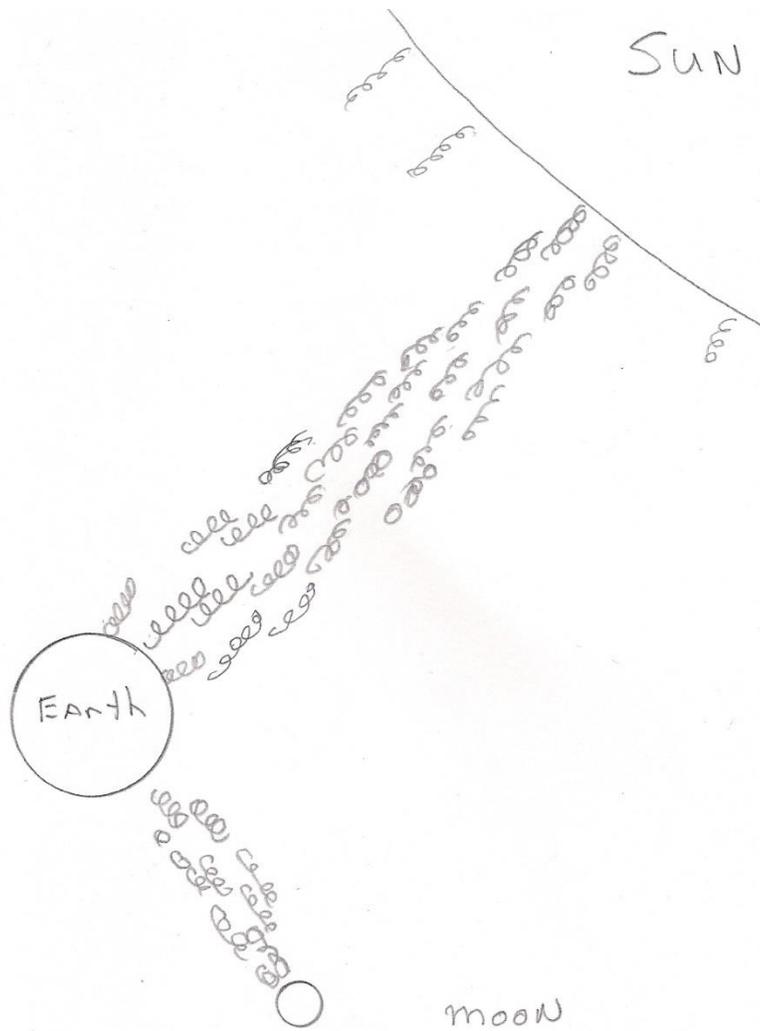
<https://www.youtube.com/watch?v=AgyAFEIQZcU>

### **SIDE LIGHT**

The author has built a crude but working prototype artificial gravity wave generator. The output is a rotating rotationally polarized microwave. The device is capable of forming small surface ripples about 50 feet out on a normally clear lake. The device was not stable/coherent enough to make propagating water waves only ripples. Patented.

Further Proofs of Wave to Wave Interactions:

Ring Laser Gyroscope Example: Lock-in characteristic is evidence that there is a minute alignment force between in phase electromagnetic waves. The author believes strongly a characteristic of the Ring Laser Gyroscope is evidence of in phase electromagnetic wave to wave interactions that indicate electromagnetic waves can under certain circumstances exhibit an alignment force, if configured correctly is capable of supporting attraction and repulsion. RLGs, suffer from an effect known as "lock-in". When the ring laser is rotating very slowly, the frequencies of the counter-rotating lasers become very close to each other. At this low rotation, the nulls in the standing wave tend to "get stuck" on the mirrors, locking the frequency of each beam to the same value, and the interference fringes no longer move relative to the detector, which causes the device to no longer track angular position. <sup>8</sup>



Intertwine Break or Snap Apart  
 see planks constant

Gravity Helix springs emitted from proton and neutron. They recombine and pull.

## Fatal Flaw in Physics.

Put this in theory:

A new traveling water wave ripple tank should be used to describe light.

This is a moot point because radio waves which are photons do collide.

Just for the fun of it one can see two types of ripple tanks. The outcome may be very similar so much so it is unimportant.

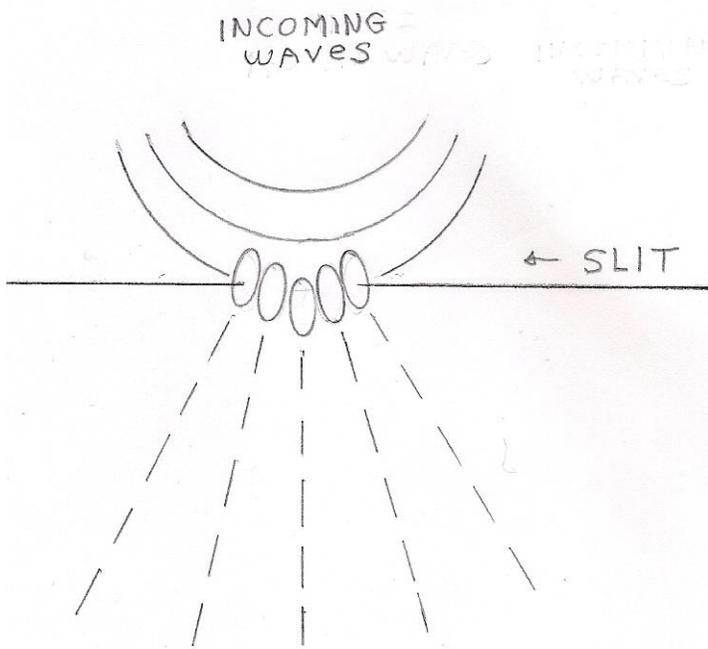
MIT video Ripple Tank: Single and Double Slit Diffraction and Interference:

<https://www.youtube.com/watch?v=egRFqSKFmWQ>

A bar is used to form the ripples. A small particle can be seen at 1:58 moving forward with the ripples. The bar is pushing the water forward but not as fast as the wave. This should be compared to the ripple tank that simply has two actuators which just make undulations. Wave collisions should be occurring in the MIT video. The results are similar, but should be studied more closely. Two ripple tanks one with a pushing wave bar and two openings like a double slit. Both tanks should be set up with identical dimensions regarding the openings of the bar and the two actuators of the other tank. Do collisions change the pattern?

Young' double slit.

**Hypothesis: The two back curls from a water wave passing through a narrow opening or a slit is entanglement. Around a rock it acquires an inward curl or spin like light passing around a wire. The spin is opposite that of a single opening. They not only diffract but acquire opposite spins.**



### SINGLE SLIT HYPOTHESIS

As light passes through the slit the photons as Huygens explained as wavelets or wave fronts bunch up uniformly phase up at the slit then squeeze and deform then squirt out at angles forming the interference pattern. The single slit pattern is from collisions at the slit not from addition of waves. The double slit would need to be explained by collisions along the paths where they meet.