

GYRO SCIENCE
Spin Systems Mechanics Principles
...Of Compounded Energy Dispersements By Means of Torque/Orbits
Intelligence as Building Block Basics of Physics

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To: Those of us who are seeking to know the real basis of (ether) energy expressions into matter and motion -- someone already said it “the crown jewel of physics”, $E=MC^2$ doesn't include all 'E' that is more probably involved (from the 'ether').

Question: Why, when its properties are indigenous to all energy existences, are spin, orbitings, speed and power reactions fundamentals left severely unenscripted into physics curriculum?

Statement: It is well known that arc/spinning motion ... and its various differentiation's are indigenous to all being. Atomically, electrons spin within light speed range and change orbits and translate as components of a mass system that also employ power models within the light speed spectrum range. Newton associated a rotating “falling” to gravity acceleration force direction...Einstein proved that time is curved...all the current spin observations/thought and hypotheses -- and theory; though, can be expanded by being more fully based when combining three spin associations in speed-time-mass energy distributions phenomena. These combinings are omnipresent and set up physical situations that have limits and workings that exist as matter manifestations utilizing a common speed range involvement for the components power dispositions and existence (in a time flow power system). Focusing more on the lesser investigated (largely by passed) gyro and spin speed differentiation with integrated orbitings, can provide us with important tools. **Revisiting Physics Bases** almost always has to be done. Many inventions have been intuits past (ignorant of) the real basics, into “practical” renderings. Wouldn't it be grand if we began the third millenium by a reviewing of special relativity and the stepping stones of physics in a first in order of needs as re-quantification of expanding the basics on another real relativity -- the compoundings of the spin energy bases. It may (or certainly) even be that $E = MC^2$ (mass when a velocity) just doesn't hold the complete story of energy.

That may only be handling a partial distribution of the energy held in the ether from a limited perspective (as occurs, during knowledge progression).

Subjects General: 1) Angularly displaced (gyro) spin plane geometrics (see ill1). 2) (Base) in spin plane motion with relative spin disc arc segmentation by its velocity variations (see ill 2). 3) Orbiting geometrics as to speed and time - mass reactionless power (see ill 3).

The 3 Situation Mechanics of; Gyro; Traversing and Rotating Energy Motions Resulting from Mechanicals of Sub-Atomic (quantum) electron Arc/Spin/Planes and Orbit Dispositions that are (essentially/apparently) replicated in a rotating molecular rim (mass); i.e., an energy amalgam that is made up of spin systems in non-planar (angular), planar and centrifugal/centripetal motions. (Why can't electrons be spinning rims (hoops) or tori of arcing/orbiting energy that follows a common speed as unified and working in an interwoven plan for: inertia, magnetism, electricity, radio, light as the building basis for all forms of energy dispositions -- finding expressions in "waves" and/or particles?) The arc spin plane (suppository of an energy plan) is basically an oscillation, combining planar angular displacement with in-plane dislocations with orbits in variances that emanate (and mimic) as waves and energy particles -- a relativity consortium of highly compounded mechanical simplicities.

Scope 1: Mass in our dimension that is created by utilizing an "ether originated" energy plan -- once a sub or pre atomic "electron" is formed that reaches the unified speeds for creation of: inertia; magnetism; electricity; radio and light (also in definition by accepting photons), that are a common speed communion; then motion of those components (in the spectrum of matter power) between the datum (which may be when each entities forming process has electron speed reaching photon acceptance light speed) of the common speed and the common speed (speed equal to light) is matter -- with time (portion of power) gradating properties. Then comes arc segments system speed. There is a combining of illustration I gyro: illustration II non gyro and illustration III orbits to produce all variations of matter and field energy that unify all power to a plan that causes all the matter and motion variations to cause chemical and physical unification's possibly all integrated by the ultimate common (arc) speed range.

Scope 2: The multiple gyro effects geometrics that exist in many dispositions: A) the "simple" gyro ($\frac{1}{2}$ wave) torquing amalgam by a consistency of power components probagations... speed that utilize the action of precession due to spin plane angular displacement. These include the ratios of one constant: (e.g. gravity) loading, and two major control variables (1) wheel spin speed and (2) rate of angular displacement cause (3) the resultant rate of angular displacement by precessional action (the precessional action being radiused variously from

very small to infinity, i.e.: a straight tracking (or guided pathway) travel of a gyro assembly either in precession or back powering of the original angular displacement arc. Other factors exist such as: time relativity (some motions seem to tend towards timelessness (or equal to light, radio, electricity, magnetic field speed) mass relocation interval-periods); load variance; wheel weight (gravity linkage) inertial replication periods in precessional arc ; size; “goodness” (mass concentration, by shaping of the rim); ratio of non gyro wheel movements (progressing past gyro power period into non (gyro) power period) vs. gyro periods putting its wheel mass in an oscillation/intervalling full wave effect that has two opposite power vectors between two very short non gyro segments (yet with residual mass system motion (arc) force expanding and contracting energy effect); and focus point of the major wheel plane displacement arc and as combined with varying foci of the precessional arc... etc. Then there is (B) the unnatural forced turn to non gyro then reverse oscillating ½ turn to second non gyro by powering of the precession rate that alters the gyro simple (A) action by causing an increase in load bearing or an angular acceleration of the wheel -- that can be very powerful. Then there can also be (C) where wheel spin speed can be increased by controlling the original (major) angular displacement during powered precession... then (D) for force of natural orbits change (which can be gravity)...with random combinations.

Scope 3: Combination devices: (There is (E) & will be an (F) and (G)...etc. sequence that will attempt to discover the unification of three basically mechanical bases for the transition of ether (time-spin/arc-motion) energies into the matter-motion spectrum; and also the non gyro real relativity to light speed as the end point of matter as a form “materials” phase of the orbits energy interchange phenomenon -- known as mass (in motion).

Power Situations: The gyro is not a free energy machine. It requires 3 power inputs -- for spin, angular displacement and powered precession. It appears possible that one power input for angular displacement can be transmitted into spin. Ultimately, there is hope, that the energy can be extracted from the spin of earth and/or the solar system; or we find a way to replicate that process -- probably involving electro magnetics. There are systems and singular power situations - a molecule is a system, an electron is a singularity. All motions require force and time (force and time do not require system motion – but may have immutable effects into subsystems gyro-spin or orbital changes). Powered levels of major phase progressions:

Time into Ether (Field)

Ether into Condensed groupings

Further Condensations into Atoms

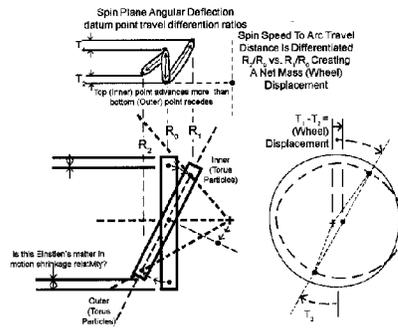
Atoms - Molecules (are) motion continuums (that are moved as a system from the forming datum point to the speed that begins to put 1/2 the electron speed in retrograde.)

Working powers of: Inertia, magnetic, electric, radio, light... back (helical expansions) into ether energies. All these power situations require power access. Power sources can include accelerations that are inertial, magnetic, electric, radio, and light. For all the phase changes and occurrences the gyro angular displacement, wheel spin wheel traverse and orbit change are powered situations. Electron spin must be an induced spin continuum. A gyro has wheel spin, tumbling or traversing intra transmissions e.g.. wheel spin may be increased by forcing precession and holding the helix angle to (virtual) zero. Harmonics of gyro translations and orbits must be of and by interplay of producing power differentials. All power is a created differential (two differentiated micros in one macro).

There are structurally transmitted frequency (rhythms) that set up sympathetically to induce motoring (tumbling) by automatic synchronization of gyro oscillations (passage through 1/2 cycle neutral points).

Illustration 1

First spin phenomenon: Spin plane angular displacement
 GYRO MASS MOTION (PRECESSION) PRINCIPLE
 Wave/Oscillating Power Depiction



Background: Our research into gyro arc motions energies seemed at first (nearly twenty years ago) essentially pointless because they didn't do what we wanted -- linear motion that was reactionless -- now, if you follow the rules; which need compilation from (and are) simplest spin-plane displacements motions ratios through to compounded inertialized then (magnetic - electric - radio...etc.) involves powered spin plane angular displacements, many more power dispositions than that are available. The workable gyro intelligence's are very wide ranged deviancies from Newtonian mechanics. It may be that weaving arc motion physics into: power, special relativity: 'big bang'; 'steady state', and... etc. is appropriate. The first uncaused cause (from a physics standpoint) could be time differentiation from static (macro/eternal) into dynamic (micro/temporal) arc orbiting energy creation that is an energy differential implant phenomenon; and then into pre atomic ether containment; further with preplanned similar properties through sub atomic (quantum) mechanics into inter-relative molecular/mass structures. Along the way we might spend an effort discovering how orbiting spin planes displacements decide between: 1) in plane and helix power; 2) oscillating (wave) and in sustained travel; 3) Spiral tumbling and induced spin; 4) inert grid vs. possibly inward spiraling biased life structures formings; and 5) but not least, questions the plan and why not the origin and evolutions (contributions by human minds) possible based on much better unified 'gyro'-spin phenomenon science?...to what independent datum is the gyro anchored? If it is not planetary or solar system? Galactic? Or otherwise... In dynamic time -- the ether as a datum to both spin (rotary speed) and spin displacement (mass motions). Spin being all arc motion both molecular and subatomic. In other words spin plane angular and spin plane movement that is stable to the 'ether' datum (Einstein's observation point -- that is definite) -- and that planned visible (photons implants) tangible matter exists in a period where the mass motion (C) limits (as with many component power properties: magnetism, electricity and radio) the matter in motion phase... not only involving the electron speed but are all powers that utilize similar speed in concert to define their existence.

Date: July 1999

Objective A: To synopsize briefly on some of the findings from years (and ongoing) of building and observing over twenty-five gyro systems renderings; that range from single wheel systems to multiple wheels structures in as many compoundings of wheel plane and orbits) displacements that we could (so far) mechanically make happen -- some (if not all) as independently anchored but accommodated with the assistance of the earth's (and other intervening associations) already multicompounded arc spins displacements (including gravity)? We hope to evolve from the preliminary and ongoing into useful power applications that would take advantage of spin based devices unique

characteristics: 1) Torque conversions for multiplying and redirecting power inputs to: A) Hold; B) Pump; C) Lift. 2) Proceed with construction of various continuous motion of motors and vehicles based on various gyro power cycles, and inertial joinings. 3) Continue to make intuitive observations of/on the energy embodiments of the gyro-spin phenomenon in order to gain further working insights (see also our paper as published at www.gyros.freeserve.co.uk and www.physical-congress.spb.ru).

Objective B: To contribute in making primary descriptions of mechanical actions rules of which replicate relationships in the chains of: forces deviations/motions/work/power/inertia/gravity/magnetics/electric/radiology/light... leading to/from the ether energy spectrum (Ultimately to discovery and develop working knowledge of the gyro and spin rules additions to atomic mechanics and maybe discern the vehicle of ether energy transition into a motion/matter spectrum. (-- maybe even discover means to another completely different energy direction disposition).

Non current objectives are the discovery of the influence of gyro spin in the makings of other than the basic mechanicals (including some inertial aspects) i.e.: magnetism, electricity, radiology, light... What percentage of each power matrix is gyro spin attributes? We have observed inertia during the precession half cycles. After the electron tori are aligned (polarized) then what gyro spin motion or helix is added to a polarized system to contribute electricity? Is electrical resistance another consummation of gyro spin in a system of polarized electron tori that are additionally angularly displaced (as a system)? Then what choice of helix deviation would cause (imbedded) radiology -- and etc. light -- again imbedded time?!? These all are non objectives for us at this time because our focus is on pure gyro spin orbits mechanics -- including only inertial properties for various power possibilities.

Anecdotes: 1) There are first order relationships for effects of: speed, 'radii', distance, power, inertial and time ratios -- also second order magnetism, electricity, radio, light inscriptions -- to fill manuals -- works to do. 2) A self vectoring multiple (if not infinitely variable) torque's dispositions force system energy micro and macro that are spatially based independent or irrelevant to any other energy entity, and don't seem to fit within Newton's three laws -- gyro laws need integration's writing. 3) Once gyro intelligence is realized sufficiently energy situations will need hopefully less: constants coefficients...or other mathematician fixes.

4 Spin Human Involvement's (Questions):

1. Day night orbit relative to sun --
What physiological (and psychological) effects happen because our daytime vs. nighttime solar orbit position and speed are changed?

Night Slower (- further orbit)  Day Faster (+ closer orbit)  ~ 2% Differential Speed

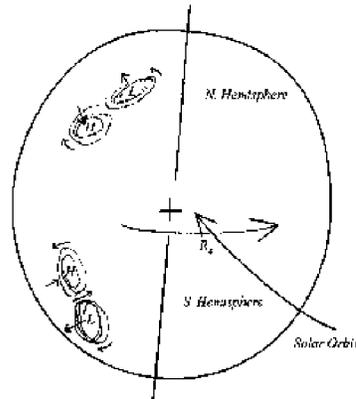
Note that planets elliptical orbits can be solar system gyro angular displacement caused by motoring/tumble to a spatial fulcrum point.

Studies of this situation would have to include other orbit spin and differentiated gyro rates discoveries that also compound the effect.

2. Weather by gyro-thermal unisons:

How much of weather making and air mass motion is gyroscopic?

Does thermal energy facilitate gyroscopic geometrics or visa versa?



Some Factors:

1. The air mass is in spin.
2. Its spin plane is being angularly displaced by A) forced precessional rotation on the earth's rotational surface. B) Displacement vertically as major arc motion to the focal point established due to rotation (gyro motoring) around the sun.
3. Day vs. night rotation produces gyroscopic peaks and valleys as to powered precessional effects.
4. Northern vs. southern rotation differences follow gyro spiralling patterns directions.

3. Bodily life energies -- various harmonious and disharmonious positionings of electron spin planes?

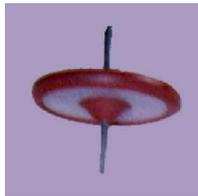
4. So called 'jet lag' as effect of forced orbit and gyroscopic differences causes gravity deviations of spinning mass -- that are differentiated by orbits repositioning and rate of forced precession of system (body) travel.

Gyro Demonstrations Pursuits:

A. Free Spin Wheel Sphere or Arc particle segment, disc, torus or shape when spinning is anchored to the datum in the ether with the capability of altering gravity. When not spinning it is anchored by unaltered gravity to a planet.

1) The stabilizing torque can have any choice of rotational center (pivot position).

2) Planes of precession displacement can have many variable power angular relationships with the major arc plane -- 3) Precession is the reaction that is 1) seeking spin plane parallelism (gyro neutralized) to the guided in plane (of) major arc travel when angular spin plane displacement takes place -- if precession radii differs from angular displacement radii; and 2) that is continuous rotation when MA and PA radii are equal and on the same pivot point.



Maximised rim mass (for goodness factor) is preferred embodiment; but any shape balanced or unbalanced displays gyro mechanics

What are the various spin, tumble mass time ratios? What are the various torque reactions and accommodations to loading (such as gravity)? Why will one gyro communicate in a frequency that produces motoring (continuous tumbling) in a continuous structure? Why is there a much stronger torque in the major arc facilitated by a much weaker precessional torque?

- Notes: 1) The range of arc motion with its established torque energy associations availability is complete as to all existences from pre atomic time ether energy for motions through molecular formation fits that ultimately retrograde back into time; but we have mostly limited this comprehension to the motion matter time mechanics that are Newtonian and much of Einsteinium --why was all this intuition largely bypassing the gyro spin orbits energy phenomenon?
- 2) The torus may be any material: solid, liquid, gas or energy situation that is rotating in the space/time/motion/matter datum base as a micro or macro entity.
- 3) See also our gyro is - is not preamble of our second paper.

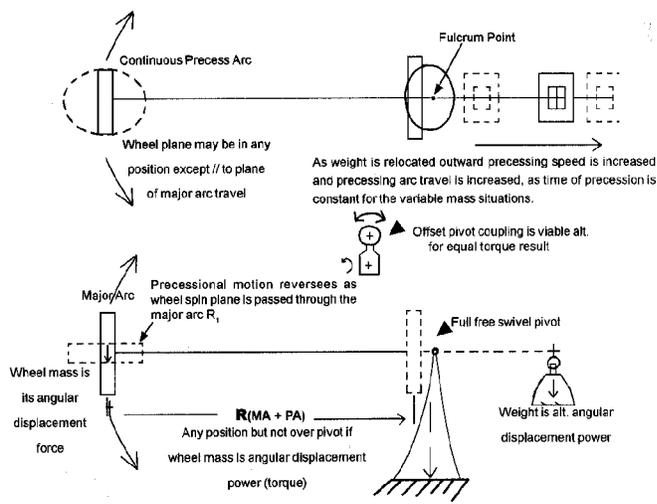
B. Free floating by gimbals frame or other:... magnetic-inertial...Torque/Arc medium/system. (Wheel CG on bearing axis in gravity system)

Double gimball (Full free untethered) wheel cradling . What is beginning spin speed for stability? What is beginning (& ending). Mass rim size/orbit for stability?



Stays stable in plane of rotation. No force off CG of wheel means no wheel plane displacement and very little precession except from frictional "cage" drag in bearings (possibly inertial drag from spatial arc travel of earth as to solar and galactic travel - causing extremely small wheel plane angular displacement.)

C. Full free swivel gyro torque system where radius of (unpowered) precession = radius of major arc with common focal point angular displacement (rotation) is unidirectional resulting in a long termed unidirectional precessional travel.



Notes & Discovery Needs:

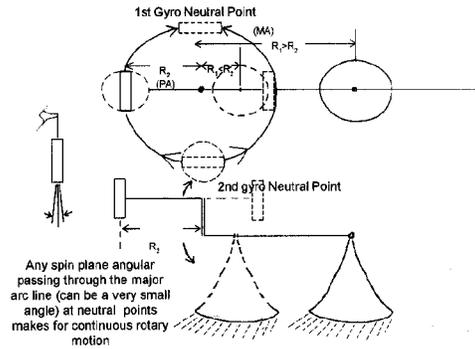
- 1) Wheel must freely react; i.e. make its own time - motion distance-power rates and couplings accommodation to provide the torque required to neutralize any mass acceleration that has a resultant torque vector in the plane of major arc travel.
- 2) What ratio of wheel (rim) mass to spin speed to load range limits the continuous virtually in plane precession rotation?
- 3) What are the time factors falling vs. precessional distance ratios -- what is the control in time where varying the distance of variable weighting along the major arc radius produces speed and rotational distance increases as the mass radius is increased -- opposite to conservation of momentum?
- 4) What are speed and weight ratios/ranges in and out of maximum horizontal plane rotation stability?
- 5) What is the anti-gravity/inertial torque accommodations relativity of wheel mass, spin, precession and major arc power?

Note: There are no gyro neutral points when major arc and precessional arc radii are equal because there is no reversing of angular wheel plane displacement.

D. Separated (variably) loaded major arc arm and powered and unpowered precessional arm (R_{MA} is smaller or larger than R_{PA}) causing the wheel plane angular displacement periods and natural oscillations torque and motoring: 180° one way and 180° other way with wheel and major arc travel parallelism (no gyro) to occur between the periods. Free action: (unpowered) precession travel stops (if insufficient inertia) and either wheel spin direction must be reversed or wheel spin plane displacement reversing through a radius line plane for opposite 180° precessional arc -- or precession powering is done to reverse (reset) travel. The major arc direction is then reversing twice in 360° producing oscillation.

Note: The single electron (replication?) torus wheel gyroscopic progression to contribute:

- 1) Inertia demonstration: starting from initial angular displacement with strong (antigravity) torque with its associated precessional weak torque until the wheel spin plane is parallel to the plane of the MA angular displacement plane; then gravity will again normally act for an uninhibited (pendulum) action. The angular displacement resistance (or power when precession is powered) is the rendering of inertial?
- 2) Atomic alignment: All involved electron spin tori become forced during the inertial phase into dipolarity of the spinning tori when the aligned tori would be positioned at their unified motion point which is the basis for a magnetic field?
- 3) Electric force when arc motion is introduced into in the aligned tori (magnetic) system.



E. Separated oscillating major arc and powered precessional arc with an availability of miniscule angular displacement of wheel plane through a(ny) plane not parallel to the major arc. In natural (unpowered) precession there is a $\frac{1}{2}$ ($\sim 180^\circ$) segment of low torque precessional travel that very strongly lifts one way (e.g. up) and a second $\frac{1}{2}$ $\sim 180^\circ$ travel segment that produces an opposite travel/force resulting in oscillation, but at the two parallel wheel points in between the working segments the wheel, if rotated angularly (tumbled) through the parallel plane, then the oscillation is replaced with continuous rotation. If the wheel plane is at a very low angle to a major arc normal plane then the continuous rotation is facilitated by a very small angular displacement through the plane. This facilitation could be another gyro system angular displacement aligned to produce the proper angular displacement.



F. Timing precession to a major arc that is then in a vehicle propulsion mode.



G. Combining powered -unpowered precession into a cycle that produces continuous major arc (rotary system) motion possibilities by resetting the powered precession $\frac{1}{2}$ cycle during the unpowered $\frac{1}{2}$ precession period -- by other, in appropriate phasing, of gyros on the rotating structure.



Will there be a continuous reactionless rotary motion cycle available by properly arranging sectored sequencing of multiple powered - unpowered (natural gyro) gyro actions that cause a rotary power differential? -- Maybe?

H. Setting up continuous rotation by compounding orbits differentials of like powering (i.e. multiple precessional and multiple major arc powering) chaotic phasing.



I. Setting up continuous rotation by compounding both orbits and powering of both precessional and major arc in the same 'spoke' by sequencing the oscillation?



J. It can be set up in a pendulum situation that matches the gyro oscillation and pendulum period for pendulum powered continuous rotation of 'spoked' gyros.



K. Making gravity (orbit changing force) by passing spring loaded gyro through its power reversing spin plane travel through the major arc radius line.

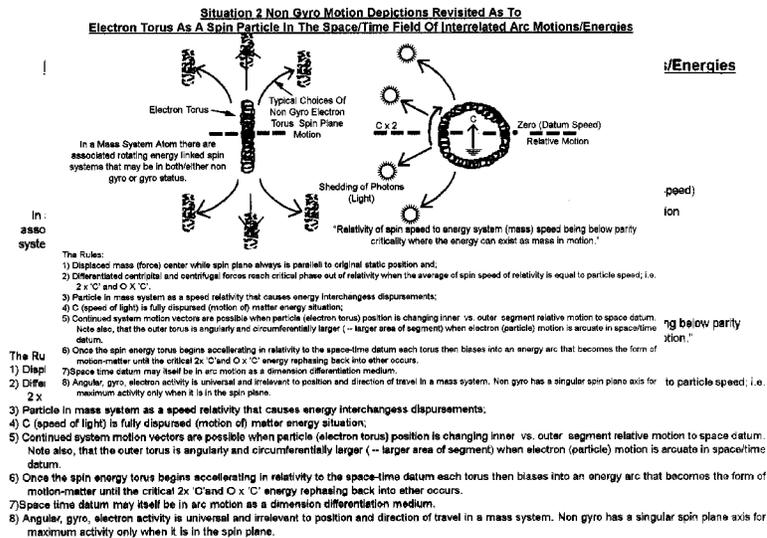


L. Non gyro orbits change by spin speed and system speed relativity.



Next In Tasks: Make observations on how gyro chooses hard (resistance) vs. easy movement even against loading and splits power into tumbling (precession)/motoring vs. wheel spin. (Ultimately deal with the electron torus of energy as: 1, within the speed of light limit of electron arc energy existing as a matter in motion (particle) effect of non gyro spin motion/energy translations from zero (datum) to average spin equaling light speed as the system realizes its maximum refracted system (arc spin) speed; and 2) as the gyro inertia/gravity (waves) characteristics of the matter motion electron torus band orbit differential effect as the basis of atomic/electron energy arc/spin/orbits/mechanics. Also do some quantification of induced (self and foreign) gyro motoring that appears to have intra-structural natural frequency harmonics of oscillations communications between gyros (as to motoring or tumbling the gyro wheel). 3) the compounding of many arc dispositions into multiple (cycle) waves and particle like energies that are combined gyro and non gyro actions.

After the mechanicals are explored/discovered sufficiently then the other power regimes of gyro-spin-orbits would be investigated in a step by step combinings/sequencing.



Conclusions: During this research we can look into this electron, gyro hoop, speed as a better explanation (basis) for electron “spin” as a speed-plane differential force carrying combination; and (its) host molecular structure velocity relativity, the non gyro spin (plane of spin that is not angularly deflected for gyro power characterization) of the atomic tori (energy band/rim) that might just be at or near a speed (C); that when matched to system (molecules of matter) speed (that also then may happen to shed photons -- being a speed of light phase change). The shedding may come off the electron torus band segment that apogees at 2x its static (zero structure datum) speed, while the retrograde segment goes to relative zero and now begins the energy phasing back in to the ether (maybe after that somehow back into time) -- anyhow it isn't just matter energy anymore and 'by the by' conservation of energy can't be a non totalized reference law. The real special relativity; one phase (that we operate as/in) is matter and motion; the other phases within total energy (? of differentiated time) are possibly in addition to: all matter and no motion and/or all motion and no matter... where: $E_{\text{total ether}} = \text{matter} \cdot \text{motion} \cdot \text{ether} \cdot \text{time}$ which replaces the discovery evolution stepping stone of, E is primarily perceived as matter and motion (that incidentally includes time), in a situation where system structure speed is less than electron torus spin speed. Note that the gyro is a shrinking action (relativity?) in the precession forced major arc direction. Again the purpose of all our research is to possibly begin to obtain working understandings of gyro motion/power atomic mechanics knowledge leading to inertial, gravity, magnetic, electric... etc. phases of gyro arc-spin energy distribution spectrum, and possibly begin to understand ether energy transfers into/as matter in motion; maybe also how many energy dimensions in the character of time can there be? (How about 9?): Also how many simple compounded useful power transmission torque phenomena are there? Try: 1) Auto - hold still; 2) Auto - hold against levered gravity; 3) Accelerated (leverage) against force; 4) Pump/crank arm power; 5) Oscillate mass linearly with (wave) non gyro - gyro - non gyro periods; 6) full wave (wavy track) vehicular propulsion; 7) $\frac{1}{2}$ wave launching motion; 8) wave compelled guided motion oscillating mass rotary motion that is continuous; (note that all these are at least reactionless (maybe some timeless) mass travel.) 9) Oscillating (possibly pulsating) anti centrifugal/anti gravity; 10) motoring (or tumbling) of wheel as automatic when controlled by natural frequency of other gyros in a structure - fabricated and/or naturally joined.

Possibilities: Applying gyro spin as appropriate in all power regimes so as to replicate and enhance all natural forms of power into human control.

P.S. The author is concurrently building several attempts at reactionless gyro motors -- one is ancillary showing pulsing anti gravity-anti centrifugal forces.