The unreasonable-artificial glass ceilings imposed by science; this is not just another reason why SRT doesn't work

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Abstract: Here we are examining the constancy-speed limit of light and the conservation of momentum as a reasonable-real limitation in science, or are these self-imposed **unreasonable** limitations **willfully-unreasonable** stopping any further discussions or further wholesome scientific investigation?

Within science knowledge, two important but similar disciplines are in contest for superiority: The science of quantum mechanics derived from the black body-cavity energy radiation and the Special Relativity Theory **SRT** based on the speed limit of Light **C** and light energy transmission**!** Both theories are believing in the lattice structure of matter and in the radiation-reflection science in their own way.

The **two** disciplines in contest, Quantum Mechanics and **SRT** are both based on the radiation characteristic of photon-energy, wherein the photon is the effluent carrier-entity of Light-**energy** proven to be an electromagnetic phenomena! These two **highly** related disciplines were the brain Childs of two scientists working side by side, wherein M. Plank was the much senior for the experimental derived **quantum** mechanics and A. Einstein for the theoretic based SRT; wherein the relationship-stiles between these two scientists was the careful go slow approach for older Plank and the barn storming approach for the younger Einstein charging ahead, laying open-using the previous-known foundation-experimental work of many scientists, on the mass-energy **glass <u>ceiling, the</u>** mass-energy equivalence **E=mc^2 ,** brushing aside the grave-handwringing far reaching political-military-cultural-technical   unknown   implications-reservations   still forthcoming today foreseen by his co-worker **Plank**!

The **exact** substance-structure of the photons in relation to simple terms is still unknown today and still under investigation, therefore, it is simply unreasonable to shut down the investigation and discussion on these two disciplines, in the end they

must, however logically, converge because of the common denominators is the photon's ability to carry-transmit energy, the grid quantum structure of mass, the time-space structure of our world and the common denominator of max speed **C**! We simply have to concede, in the end, that SRT, the Lorentz-transform and also the quantum mechanics are both not possible without the light-electrodynamic energy radiation principle, the energy-particle radiation of the radon-element discovered by the Curies and the speed and the **very** important mass of the electrons discovery within the mass structure! The **big**-surprising mass of the electron measurement by J. Thompson in 1897 started a flurry of early theoretic **SRT** mass-energy correlations-measurement starting at: $m_{mass} = 8/3 E_{nergy}/c^2$.

This mass-energy equivalence reinforced the side by side equal relation of energy with momentum, while some Science realm is curtailing-shunning-downplaying-ignoring energy for <u>**favoring**</u> impulse-momentum as superior-**clever**-fundamental **over** kinetic energy and the simultaneous-arbitrary-mutually-opposing science selection that **energy cannot** be created nor destroyed; but this energy conservation **first** original <u>rock</u> **base** science fundamental is assumed not diminishing-imping on the separate **superiority-cleverness-uniqueness** of conservation of momentum; this unreasonable cherry-picking favoring of momentum over kinetic energy is by **far**, the most, unreasonable contorted exotic **unproven assumption** construct maintained by science feeding right back into the Quantum mechanics versus SRT controversies and all other related issues. The momentum superiority is **unreasonable** because, <u>**only**</u> within the **kinetic** energy **realm** all **four** energy contents-directions of a particle can be described-modeled-tabulated: **1)** the rotational kinetic energy, **2)** the tumbling head over heel kinetic energy, **3)** the overall forward motion kinetic energy and **4)** the mass-energy-equivalence of a particle can be presented as an energy **sum tabulation;** and **only** in the angular+tangential-**energy** domain is this importing history-altering castle-busting gravitational Tre´s-buchet-artillery actually designed-dimensioned! This artillery device is the great-grandmother of the authors inertial propulsion device patents wherein the applicable third law in the impulse-momentum domain <u>**fails**</u> to **model** the Tre´s-buchet angular simultaneous longitudinal time-spaced energy transactions from the first original root gravity cause to the final destructive mass

projectile motion kinetic energy supplied! This is congruent with the modern standard model of particle physics using also the very important Lagrange energy sum. It is important to mention here, H. Hertz the inventor of RADAR electrodynamic radiation-reflection favored to view energy and momentum as **equal-same-thing-options** side by side; because, his photocell and RADAR antenna screen invention is converting photon-light-energy into electrical-electron energy and the electrical arc lamp is converting electric energy into light energy, this is a closed circle energy flow proven to operate close to the speed of light. Why is the secondary conservation of momentum having a **void-lack** of direct motion **distance** definition but having instead a momentum fill time definition more important than the **first base** conservation of energy **including** motion-distance; isn't this a reverse illogical-illegal double assignment ignoring the substantial computational overhead using the impulse-momentum realm? Aren't we ignoring that the inventor of **momentum** wrote in his Principia: "I will not consider-ignore angular-rotational motion converted-projected onto straight line motion passing a radius displacement"; this sinusoidal conversion is the **most** important far reaching mechanical construct used in **technology** in the form of:

$$V_{tangential\text{-}straight\text{-}line} = angular_{speed}\ r\ ;$$

but he invented the centripetal-angular acceleration in opposite **direction** to the centrifugal-acceleration for his planetary gravity action over a distance and assigned an **unreal**-nature to the centrifugal-acceleration 90 degree **complex** plane reflection while this unreality is giving us real energy performance of centrifugal pumps, centrifuges, gyro-busses, gyro-energy storage, yo-yo motion, Tre´s-buchet motion, etc.. etc.. etc.. , Inertial Propulsion and importantly the **upper glass** ceiling of engine **RPM** speed!

Hertz demonstrated the principle of RADAR electrodynamic radiation-reflection-detection principle and proved it congruent with light-reflections; this detection technology was patented and ready to be used for ship collision detections in 1904, four years before the heart-wrenching Titanic-iceberg collision disaster; today, it is available to work in automatic collision detection in conjunction with a programed safety algorithms! Why are we still not forcing transportation companies to protect the safety of the paying public using this 100 year old important physics phenomena!

We are unreasonably-one-sidedly browbeaten by science to accepted the assumptions of emancipation of mass and dilation of time in relation to SRT wherein some publications assign the behavior of the **gyro** as proof of the **SRT** emancipations, while the gyro behavior is **foremost** linked to the **direction** of an axial **force vector** applied to the gyro shaft to the **90 degree** direction-skew of the gyro axial **reaction**-motion-**vector** to the direction of the applied **force vector**; this 90degree skew was so **endearingly**, surprisingly and hilariously demonstrated by Prof. Eric Laithwait's Christmas lecture wherein the gyro **appears** to have its own uncontrollable motion directions-will when operating freely on a long stick. This presentation was **chastised** by purist as unreasonable-scandalous denouncing-impinging on Newton's theories forcing Prof. Eric into the science-career doghouse; this was an unreasonable curtailment-compressing science view into the narrow momentum slit, limiting the freedom of expression displaying **actual-real** scientific principles! Because, Laithwait was not the first to demonstrate this gyro behavior, so did Lord Kelvin with a gyro within a box suspended-hovering on a table-edge; perhaps, Laithwait deserved a promotion instead a browbeating-reprimand and his gyro demonstration should be shown every Christmas and displayed in our educational science centers to foster science thinking beyond the narrow impulse momentum slit view! These reflection motions are in congruence with all other reflection physics phenomena of light 90+90 degree light reflection theory, the 90 degree **electrodynamic voltage** to **current** phase **reflection-skew** and the 90 degree angular separation of the complex plane vectors, which we do not call emancipation but **logical correctly** "**blind**" electrical resistance! This complex plane vector addition changed our old 4kg stereo amplifier power supply into a miniscule 0.1 kg switching-circuit-power supply, an **emancipation** of mass in **REVERSE**, thank you very much! This general reflection phenomena is however heavily involved in the **invariable** nature of physics principle for every individual-isolated inertial reference frame platform, like the planetary Earth, Mars, Moons inertial reference plane, the airplane inertial reference frame ..etc.. etc. The speed of light-limit measurement must hold with identical speed results in **all** and **every** of these inertial reference frames-platforms and also in SRT frames because there is **no preferred** inertial reference frame-platform! Accordingly, if time is always in reference to light speed within physical dimensions, then, how could there ever be a time dilation difference between different-separated **inertial** reference frames-

platforms having each different Eigen-speeds in the first place? All we have to use this author's internal mirror box light clock to check how acceleration affects time progression and how we are able to use leap-year type technology to arrive at perfect time keeping between separated reference frames! Einstein's time dilation idea is accordingly mutual incompatible with and **violates** the **constancy-invariability o**f __emitted__ light speed principle, it violates the **energy transmission** principle of light, it violates the maximum-saturation of energy flow within the electron-proton and it ignores the electron cloud / **proton** structure compression-**flexibility** in response to extreme shock-impulses at SRT velocities! The bonding forces within the atom-particle are large but not infinite to withstand SRT magnitude impulses at **c,** this must be seen as the root causes of SRT phenomena!

The notion that there actually exists a **non-**inertial reference frame having light emissions totally lacks any experimental-energy-mass reality, because the photon is the carrier of our life-energy always having a photon source **MASS** entity like the sun or the photo diode and an energy **source** having a real **mass**. Accordingly, we can postulate that SRT is actually ignoring the **energy saturation**–feed back **principle** contained within the H. Lorentz transform:

$$1-V^2/C^2$$

which is **pinching**-**off**, setting a **glass ceiling-limit** to the inertial mass motion **energy** / acceleration progression exerted from a **fixed**-**point** at the speed of light **c;** wherein **fixed**-**point** means that a **large** mass entity is providing a **backrest** which is receiving a "**third law**" **unnoticeable-unmeasurable-small** kinetic-energy-momentum **reaction**! This third law in the energy form is expressed as:

$$E/e=M/m \; ; \quad \text{wherein } T_{eetotal}=E+e \; ; \; a=F/M \; ; \; a= F/m \; ; \; a \text{ is larger than } a$$

This third law in the energy realm relation is reinforcing Hertz's important momentum / energy side by side view and also is the important first fundamental principle of Inertial Propulsion, wherein we have to include-reconsider furthermore the science shunted **rotational** motion **projected** onto straight line motion and the rotational-angular __time__ __delays__ to receive the actual **full** third law reaction action.

Einstein's mass emancipation idea was an **unreasonable** solution because he was **compelled** to use the foggy emancipation of mass idea while unable to generate within his university department environment himself an actual performed experiment supporting this mass emancipation idea and having a lack of any other available root cause of the acceleration-velocity **gain**-**stall** at the speed of light of the electron mass! However, Jugeing by the behavior of the electron within a radio amplifier electronic vacuum tubes having electrons behave more like old limp-deflated tennis balls than shiny ball bearings; accordingly, the SRT mass emancipation idea is simply incongruent with subsequent-later experiments! This idea appears then the same as these circus clowns demonstrating *free energy* generators with large-heavy electro-iron-magnetic-mechanical rotation devices retaining-storing amazingly **very large** and **dangerous** energy-magnetic-centrifugal-force-saturation levels displayed-presented in town-fares as **free** energy devices powering a light-string for the duration of the fair and collecting from the audience donations to fund their **free energy research-scam** without presenting any **energy** tabulations realities whatsoever!

On the other hand, we are told-browbeaten to **favor-love** the momentum-impulse construct which is removing-sidestepping the H. Lorentz energy-density constraint-limit by **exchanging** displacement-distance with momentum fill-time-duration from inertial mass motion as more fundamental-**clever** than the kinetic energy construct because of the **assumed** theoretic time interval derivation is assumed as being the most fundamental **clean**-**clever** derivation available in science in **absents** of any prove that **time actually can exist-appear-alone by** **itself** without the un-separable Eigen-energy of the photon with its Eigen-velocity **C**; while the **distance-displacement**-**force F**=**mV²/2s** in the energy-displacement domain can exist always **without any** separate-independent time considerations within an isolated defined inertial mass system:

$$E_{energy}=Fs=mdVV_{average}.$$

When considering velocity **"V"** without the space-distance **dimensions** of a system, for example, within the confines of the earth or the confines of the solar system, or confines of the light-speed travel distance in light-years is of purely **theoretic** nature, it exists only in our imagination. Additionally, the time domain

impulse-momentum has a hidden saturation-quantum grid limitation in form of the **shortest** possible **time** interval-limit of an inertial mass **impulse**; what is the shortest possible impulse-time-duration when viewing-considering the light speed limit **c?** We postulate here the **shortest impulse duration** possible is:

$$t_{minimum} = 1_{meter,displacement} /c .$$ Wherein **c** is in meter /second

This average principle within an isolated system

$$displacement, distance/time = V_{average,speed}$$

is the **most basic-clean-simple-clever** and undisputable correlation in distance-dimensional science and should be used to correlate the glass ceiling of any motion from a **fixed** point in relation to **C**!; wherein the **variation** in **average** speed within an isolated system has enough energy / impulse to power inertial propulsion when employing simultaneous Lagrange **angular** opposing third-law-motions **projected** onto straight **line** motions. When we insert the time duration into the impulse formula we arrive **back** at:

$$F_{force} = mdVV_{average} /S_{displacement} .$$

The complete IP mechanics can be obtained from amazon books: "Inertial Propulsion; and you thought it's impossible", including the US patent #9995284! The **real glass** ceiling is, of course, **exactly** related to the available energy flow magnitude in relation to the accelerated inertial mass magnitude exerted within an inertial frame of reference from a fixed point:

$$V_{max} = ((Power_{HP} * 4 * displacement\ distant * 750)/mass)^{1/3}$$

This means that the car **maximum** velocity is in a hopeless loosing streak glass-**ceiling** limit in comparison-relation to the isolated build-in available **energy flow**; if we want to double the car's max speed limit within an inertial frame of reference we must expand the required **HP energy** flow in a cube function! This energy-flow-constraint is truly the **real glass** ceiling in science-technology, it is the same as the Lorentz transform in a different-form expression; but is this glass ceiling also applying to the Eigen-speed of **C from a light source within a fast moving isolated**

inertial platform? This author **postulates** and **proves** **with** his light-mirror-box-clock principle that the **physics principles** within a moving isolated inertial system is **invariable continuous and always in** direct congruence-agreement to any **others**-separate-different inertial **reference** frame; the **sanctity** of physics-**principles** are **independent** of an inertial reference frame-platform **Eigen**-**motion, speed** and **direction; this is because of the onboard stored energy source has the Lagrange form: potential + kinetic = energy total, wherein the potential-energy has the Eigen-velocity of the system,** wherein our sun-planetary system occupies an absolute space!

The SRT side of science is favoring-cherry-picking brow-beating us to accept Einstein's quick answer in form of the speed of light **C** as the top glass **ceiling** for **any** and **all** inertial mass motion without questioning any **addition-summing** of velocities involving Lagrange type combined third law type motion relations; like the addition of the real tangential velocity of 30000 m/s orbital motion of the earth with the combined-additional motion of the particle beam within the HADRON particle accelerator located on-**top** of the earth, or the velocity addition for a stacked three stage rocket or the velocity addition for the tangential velocity of the rotor blade on top of a helicopter with forward motion or Fiseau's light speed measurement on top of the Earth platform! Each section motion of the circular HADRON particle beam passing **locally** from fixed-to-earth acceleration station to acceleration section applies to H. Lorenz **maximum** inertial mass-kinetic energy content principle exerted from a

fixed point is: $\qquad$ $E_{max\text{-}kinetic}=mV^2/2=mc^2$

and this is applying to the quantum nature of energy-mass and is congruent with the speed within a bifilar electrodynamic network without considering and by removing magnetic-electric fields! The actual-**real** mechanical kinetic energy content magnitude +magnetic-field energy +electric-field **energy**-**tabulation** contained within the HADRON particle beam is **not** posted-analyzed-**hidden**, not in any relation of the huge forces and huge energy flow at work acting on the particle beam within the HADRON, wherein the **emancipation** of **mass** is a **virtual**-theoretic glass-ceiling emancipation simply in our mind to make things agree

quickly; this glass ceiling **escape** becomes apparent because there **is no mass-emancipation** causing **any velocity variation** of the HDRON-beam going-flying **with** the additional **direction** of the **Earth** planetary **orbital** motion around the sun of **C+**30000m/s plus the Earth angular rotational motion! Judging by the size of the end Dump slow down cylinder, the energy returned is **not** congruent with an **endless SRT** mass emancipation! Is the HDRON experiment without posted energy tabulation related to the free energy generators exhibited in town fares? This selective class ceiling appears related the electro dynamic blind-resistance of capacitors, coils-magnetic fields; **"blind mass"** is **perhaps** the **better** description within SRT then the terrible mass emancipation, because, in the immensely **successful** electro dynamics **energy** is invariable-always **conserved, it is returned** to us in violent discharges during electrical storms and we don't need Einstein's terrible emancipation Idea there! We need a detailed analysis-tabulation of the HADRON beam kinetic / magnetic-electric energy **with** both side by side: the mass emancipation and **without** mass emancipation to show us the actual real energy received-back-conserved during the beam **end-dump, but we have not received it and apparently we are not entitled to receive it**; is the energy-tabulation relation congruent in SRT with mechanical-electro-magneto-dynamics? Is the SRT a destroyer-absorber, in disregard of energy? or is it congruent with electrodynamics because of energy conservations and with the speed of the electron within a bifilar wire-pair **limiting** the energy supply to the electric photon-source and its light speed to **C**.

Einstein perhaps was purposely unclear where he was coming from or where he was going with his paper "The electrodynamics of inertial mass motion" in 1905 avoiding the immense prior scientific groundwork by legions of scientists; while he only included the H. Lorentz transform as a build in glass ceiling and the assignment of $E=mc^2$ as congruent to Galileo's invention?; this SRT glass ceiling is, however, **broken through** with the HADRON beam **C**+30000m/sec. tangential orbital speed of the Earth **without any** beam **speed variation** and without any difficulty steering the beam collisions; this is **not** in congruence to endless mass emancipation, it translates itself today within highly successful electro dynamics going from 1905 sized coils and capacitors to todays solid state diode junction oscillator, the laser

diode creating oscillation at the speed of **c** and the efficient electrical energy generating photo-cell still having overall congruence to **a=Force**/**mass**, wherein the electrical energy force is large in comparison to the very tiny-miniscule-fluid sub atomic **junction-mass** dimension of the diode crystal having both, atoms and <u>lack</u> of atoms meaning: **+- = almost no** **mass** in relation**. to a=F/m!**

The associated speed of light in unrepeatable- reference to the emitted speed of light from a fast moving **energy / light** source; what is the speed limit-addition-principle here? Is the light speed of the leading-trailing edge of the originating photons from a fast moving platform in algebraic **addition** of the **emitted** light speed? We only know, for **certain**, that a landing search light and RADAR antenna mounted onto a fast moving airplane appears by the pilot-observer, having read the aiplane cockpit **speed gage**, the searchlight voltage +-amp-gage and the RADAR image, the direction and magnitude of the search light energy-flow watt meter is clearly recognized as in an **algebraic addition** of the airplane Eigen-velocity when comparing the search light reflection spot against a stationary cloud surface and the RADAR reflecting the energy back into the airplane cockpit; this is a repeat of Fiseau's light speed measurement on top of the platform Earth! This proves that the mass of the electron is carrying the light-energy according to

$$E=mc^2 +1/\textbf{2mV}^2_{\textbf{airplane}} !$$

Why should there be a difference in treatment of inertial reference frames between the airplane and the Earth? We can say that the maximum **glass ceiling** light velocity possible emitted from an aerospace-rocket inertial frame-platform going at the speed of light **c** in reference to the earth is decidedly-**proven a sum of velocities**:

$$\textbf{V}_{\textbf{max}} = \textbf{C}_{\textbf{airplane}} + \textbf{C}_{\textbf{light}} !$$

This **fundamental** light-RADAR-beam emission-reflection emitted from a moving platform principle applies also to the fundamental safety of todays airplanes; can we assigne-obtain paying-humanities safety without including the photon reflections-images in frontal-passage of the airplane or the ocean liner? The answer is: Of course not, the frontal light-RADAR image must be urgently included in any

automata-decisions steering a vessel! Accordingly, Einstein's pronouncement that **nothing** can exceed the speed of light in all inertial reference frame views is **unreasonable**-self-limiting for the searchlight-RADAR photon-source mounted onto a fast aerospace-rocket having an Eigen-kinetic-energy and Eigen-velocity of **C**, also for the HDRON accelerator-particle beam when considering the simultaneous earth orbital motion, Fiseau's speed of light measurement-machine on top of the platform earth will-**must** work within any and all other inertial reference frame-platforms, the Hertz RADAR experiment works in all and every inertial reference frames independent of platform speed and so will a light interior mirror box clock **will** deliver a steady stream of identical timed electrical-solar cell pulses; the speed of light is always in congruence-association-reference with the energy flow starting from an Eigen-power supply flows into the **light energy source-emitter and produces and emits a light-photon energy stream having a photon leading edge and a photon trailing edge with the speed of light; this light energy stream principle is our life-source,** if the energy source is cut then the photon energy stream is cut at the photon edges!

The physics within a moving isolated inertial mass system is **always** continuous, invariable and congruent within any other moving inertial platform! So, why keep pronouncements which **don't work and are violating our energy base fundamental principles**? The total light energy of the airplane landing search-beam photon impressed onto a stationary solar-cell is: Twice the energy send from a stationary airplane; this is based on Einstein's **own** postulate on the energy content difference of red to blue or violet light and the Doppler compression principle! It is congruent with the microwave cooking principle giving the photon a similar ability with electron induction, an important theory combining electrodynamics with photon radiation and gravitation by T. De Mees. However, purists will have a problem with such a simple algebraic addition of velocities-energies pointing to the complex vectors involved, but we do not need to go into that by viewing that every thing is happening in quanta delta time, the quantum principle! The addition-continuity-sanctity of physics within a moving inertial platform frame was already guaranteed since Galileo, it is always repeatable within the Fizeou speed of light setup displacement-distance dimensions **independent** of each inertial-frame-platform Eigen-velocity and motion-direction!

While science, at the same time, can **not** deny that Impulse-momentum and SRT speed of light can **not** be created-produced all-**alone without** the original **first** root cause of energy flow in all science disciplines, without energy flow we simply **pull** the **plug** out of **all**-science-**itself**! That **time** can exist only by **itself-all-alone,** is simply, the same as **believing** in the almighty creator, it lacks a **logical** proof-**definition** and must be avoided as an actual **science-political** discussion-argument **topic-claim, because it never has, nor never will lead to any real experimental proof construct**! Our **inability** to obtain an **actual** proof of divine creation-intervention should be our first fundamental guidance and set a great admiration of creation and a dead-stop-caution not to step into **altering** the **infinite equilibrium**-balance-magnitude of creation!

In the **end,** we have **nothing else important** left, but our need of the end effect to obtain Real and **save** **ENERGY,** wherein, ”**save**” means that humanity **obtain-invent-urgently** a workable **dead**-**stop** to **prevent** blowing **each**-**other** up with the energy obtained and using unreasonable-unproven-compelled assumptions! But, then again, it is also nice to know that the science well **loved-clever purely**-theoretic change in momentum, without considering energy, has **no** direct speed or glass-ceiling-form **"F=d(mV)/dt"** assigned by the originating **inventor** neither, but a glass ceiling is actually present when we consider the shortest possible **impulse duration** exerted from a **fixed** point and in relation to the speed of light **c**; In the end, we **all** should agree that momentum, is in **reality**, the **disection** of energy in the first place:

$$\tfrac{1}{2}m_1 V^2_f = \tfrac{1}{2}m_1(V_{1i}-V_{1f})(V_{1i}+V_{1f})!$$

This disection has, however, **no limit** of **number** of dissections when considering a computer program and there is no limit of number of disection when attempting the squaring of the circle, but it is unreasonable to continue this disection forever because even our mass substance has a Glass ceiling limit in form of MUONS and GLUONS..etc…etc particles: accordingly, momentum is therefore a **slice** of the first original energy block because: $E_{energy}=mdVV_{average}$, wherein

$V_{average}$ =distance/time$_{duration}$ of the **motion**

then

$$E_{energy}/distance_{displacement}=mdV/time_{duration}!$$