

Short Communication

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How Laser Typesetting-Printing is Proofing that Light Photons Leading Edge Speeds have First Origin Dependant Velocities $V_{2.3}$

Gottfried J. Gutsche

6816 Estoril Rd. Mississauga Ontario, Canada

ABSTRACT

Albert Einstein postulated a new science based on the assumption of the universal constancy of light-speed, wherein no variation of photon light speed can be rationalized from any form-variations of his special selected theoretic limited observations selections of trains and elevators! He called this new science: Special Relativity Theory, S.R.T.

***Corresponding author**

Gottfried J. Gutsche, 6816 Estoril Rd. Mississauga Ontario, E-Mail: info@realautomation.ca

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Relativity theory is based on the relative position and relative-theoretic observation of mass-objects motions illuminated by ambient light leading to the correct conclusion that lightspeed must be constant in all those special selected frames of limited observations; however, this thought experiment is ignoring the very first original light source Eigen-emittance having an internal self-contained electron flow, from a self-contained moving inertial platforms; this correlation is evident for Fizeau's light measurement on top of the Earth. Additional, Einstein disregarded there in that the first original origin of the photon energy is coming from electrons motions from within an independent-isolated electric circuit having each an inertial mass, an electric supply and having an in-dependant Eigen momentum; thereby, they adhere to the conservation of energy principle isolated within internally!

This theory conflicts with more than 100 serious logical paradoxes, it conflicts with the measurement of Fizeous chopped photon light-beam leading-edge speed-measurement contained on top the real-actual Earth-platform in motion, the light chromatic-doppler energy effects and the mass-kinetic energy of the electron-motions from within the atom-structure causing firstly the photon life giving energy radiation! Important to note here that fast moving mirrors reflecting ambient light, like sun-light reflected from a fast spinning mirror, are not inducing-accelerating an additional change in light speed of the leading edge photon, or an additional-change in light-photon radiation energy within an inertial frame itself; this has been well proven with many experiments! However, a stationary- inertial-reference frame, invariable directly in sync-linked with the Sun inertial reference frame bearing an observer observing Fizeous speed of light experiment on top the speeding-orbiting Earth platform made visible with fogging will observe a total speed of light photons leading edge motions:

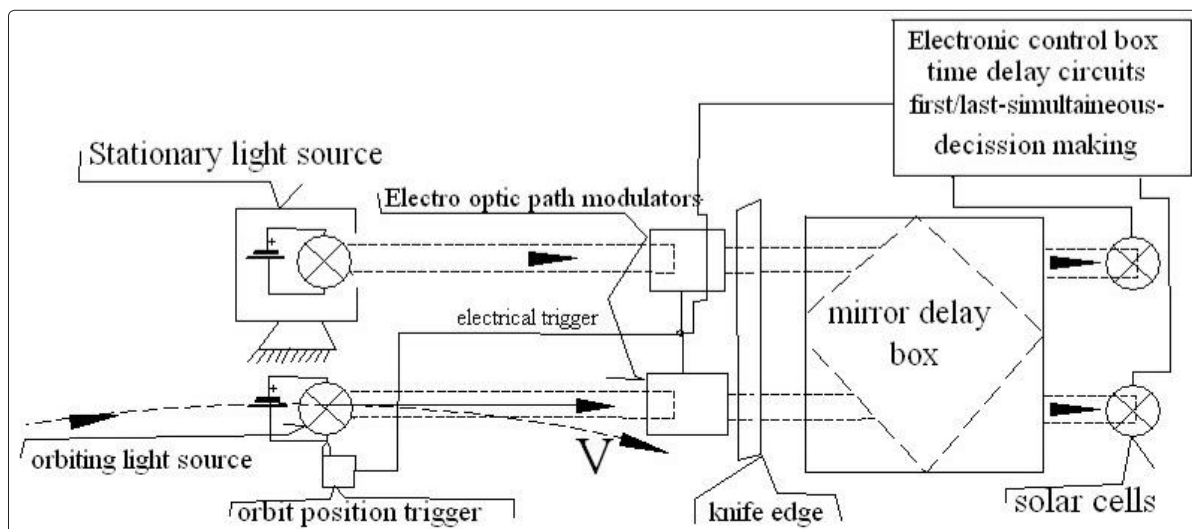
$$V_{\text{total,observed}} = C + E_{\text{earth orbital speed}}$$

This means Fizeous light speed measurement needed a greater speed of light than C , actually $C +$ orbital speed of the Earth to

measure the departing emittance of photons at lightspeed from the light source on top the Earth! Accordingly, to rationalise-proof Einstein's most central-core science aspect: The independence-constancy of light speed C in all aspect of observations and all correlations needs thorough-real physical experimental investigation beyond purely theoretical musings of the "Relativity department"; because they are selectively shunning experiments by reiterating Einstein's old purely theoretic statements wherein first-original electron-mass-electrical-circuits photon expulsion-radiation and the impotent photon-atom-surface reflection are intermingled together without rhyme, reason or separation.

To proof-disproof Einstein's entire-complete theory: A fast spinning centrifuge platform, receives an original-self-contained laser light beam power-electron circuit supply and laser-light-source together mounted onto the peripheral of this platform spinning at over 10000 RPM inscribing a tangential and outward pointing lightbeam pointed into an electro optic path modulator triggered by an orbit position sensor voltage causing a chopped light beam to pass over a knife edge. This chopping action is performed because of the lifting of the light beam over the knife edge by the distortion of the modulator internal crystal-structure within, in response to the applied input-trigger voltage of the orbit position sensor in the next picture!

A second laser light source is mounted stationary-fixed pointing a light beam into a second electro optic path modulator with identical orbit position gate timing; the two beams are passing at exactly the same time over the sharp knife edge for cutting the two path modulated beams into precise exactly the same time sections having each a leading edge and trailing edges. This principle is observable in the next presented picture!



The two knife edge chopped laser beams are pointed into an oblique opposing-standing mirror box causing a long internal reflected winding light beam cylinder having a stacked-reflected-undulating light beam length of over 1000 meters, this is emphasising-pronouncing any difference in beam speeds, if present, in differential arrival times. These two side by side light beams having each a differential-separate-real electron mass-motion-photon source; now we can measure-quantize the end position differential or simultaneous arrival time after the over 1000 meter run through the light-beam cylinder and evaluate, within the laboratory, the chromatic properties, the leading edges arrival timing differentials of the two exit light beam pulses from the mirror box light cylinders entering two side by side electrical solar cell sensors, comparing the differential or simultaneous arrival timing with an “and -or and electronic delay lines within an electronic circuit” in the nanosecond realm identifying-proving the reality of Einstein’s simultaneity light theory or Newton’s corpuscle light theory! We are also able to investigate the angular speed aspect performance over a range of centrifuge angular speeds. We are also able to investigate the chromatic energy effects of the two light beams, the centrifuge origin light should have a higher energy footprint into the solarcell.

This light beam cylinder construct is also used by the author’s light clock box design, wherein a solar-cell end-array-panel is used for captioning clock time variation-drift and initiating “leap-time” corrections-algorithm; please view this on the General science net website under author Gottfried Gutsche! We should remind us here that Einstein himself received the Nobel Prize for his work on the internal mechanics of the solar cell involving-inducing internal motions-flow of electron particles within the solarcell-circuit, each electron-particle having a mechanical internal miniscule inertial mass, having each real kinetic energy and momentum! The electron-mass change in kinetic energy translates-causes the absorption-expulsion of the photon energy quantity maintaining the total conservation of energy of the light emitting / solarcell circuit! Accordingly, time momentum is irrational here because travel time of the electron mass body is:

$$\text{Time} = (m_{\text{mass-electron}} \text{Distance}_{\text{displacement}} 2 / \text{Force}_{\text{magnetic}})^{1/2}; \text{ or}$$

$$\text{Time}^2 = m_{\text{mass-electron}} \text{Distance}_{\text{displacement}} 2 / \text{Force}_{\text{magnetic}}$$

Wherein acceleration is:

$$a_{\text{acceleration}} = \text{Force} / \text{mass}$$

This was Einstein’s discovery ending the one sided-old time-based momentum view of the solarcell mechanics! This is also showing that the electric current flow in the light source circuit is directly-proportionally related to the light-source photon-energy emittance flow, both being an interrelated energy flow principle in the lightspeed realm; accordingly, the light emitting diode/solar cell are efficient energy transducers converting electrical energy into light energy and vice-versa based on electron flow!

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