

A not too short ironclad proof that light speed is in referenced to the light source origin-Eigen velocity

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Abstract: During the beginning of the 20th century science entered a deadlock over the problem of the theoretical infinity of momentum mass motion speed limit postulated by Newton as a verbal of the cuff assumption while answering the question of the maximum speed of his momentum. Newton also reiterated his infinity principle within a **letter** to Robert Hooke, the inventor of the spring mechanical elasticity principle and much more, wherein Newton placed himself standing on shoulders of **giants** viewing his infinity concepts. While experiments has now shown that light, having a massless particle-wave duality, has an **absolute speed limit** constraint at **C!**

In response, Albert Einstein wrote a scientific paper apparently solving this puzzle, he called this paper "Special Relativity Theory". Wherein he analysed the mutual opposing directed motion of mass objects illuminated with ambient light, like trains and elevators, he concluded from that, light speed must be constant-same in all variation of observations for ambient light. This is true: ambient light speed from one single light source is the same in all aspect of surface reflected observations; however, light speed is also in **reference** to the **first** original light emitting energy source; because-fundamentally, the **original origin** of light is from within the internal mass of the **electron** structure of atoms in eigen-motion having a potential voltage drop and internal electron flow:

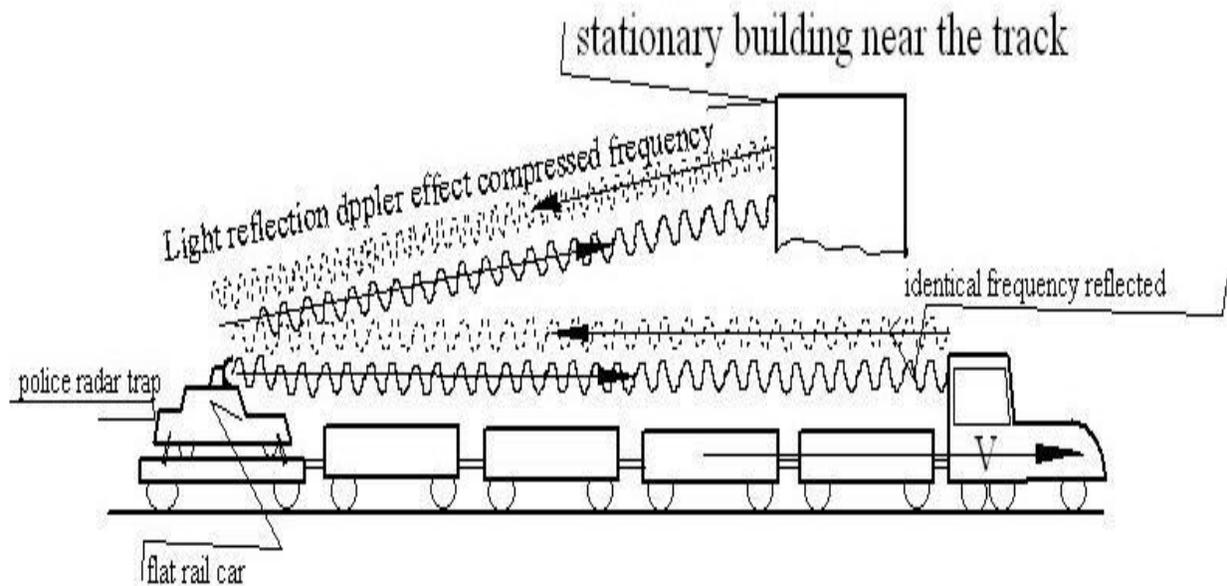
$$“P_{\text{energy,flow}}=V_{\text{potential}} I_{\text{current,flow}} / \text{time}”,$$

a conservation of energy system! light does also originate from hot-cooling-down atom surfaces emitting radiation; but reflects from atom surfaces without changing the energy system! Accordingly, the S. R. T. theory caused a justified revolt because of many apparent paradoxes; one of them is the famous twin light speed travel paradox wherein one twin remains stationary and gains age faster then the traveling twin!

To understand the light speed emitted first from within a light emitting energy source having a light source electron motion repacking action; a picture is provided showing a police car radar-trap traveling on top a railway flat car. The radar trap radar beam is reflected from the locomotive rear end, showing its speed as 0-zero/stationary. This isolated speeding platform principle having its own center of mass having no speed limit constraint from stationary to the speed of **C** applying also to the speeding earth! This speeding platform principle carrying physics experiment was postulated already by Galileo for a ship sailing on calm water, wherein experiments were performed under deck having identical-invariable results as experiments on the "stationary" earth!

Next the police radar speed trap beam is directed onto a stationary building passing **80km/h** beside the speeding train, wherein the speed trap indicates a speed of 80km/h, the speed of the train! This relation proves, **in**-disputable, that the speed of **emitted** light is in **reverence-bound** to the light source Eigen-speed providing the compression of the radiation energy during the reflection against the speeding building wall, the compression of chromatic footprint of the emitted light, an energy conservation principle. This principle is also derived from **Fizeous first** speed of light measurement on top the speeding-orbiting Earth which is unaffected by the motion of the earth! This conservation principle is the constancy-invariance of physics experiments within the realm of speeding laboratories. The speeding train is depicted in the next picture and the *relative* train speed can be derive

from the police radar trap on top of the flat car reflecting from the rear of the



locomotive, then all is within the isolated system of the speeding train having a rational straight line dimension of:

$$L_{\text{length}} = \text{flat car to locomotive distance.}$$

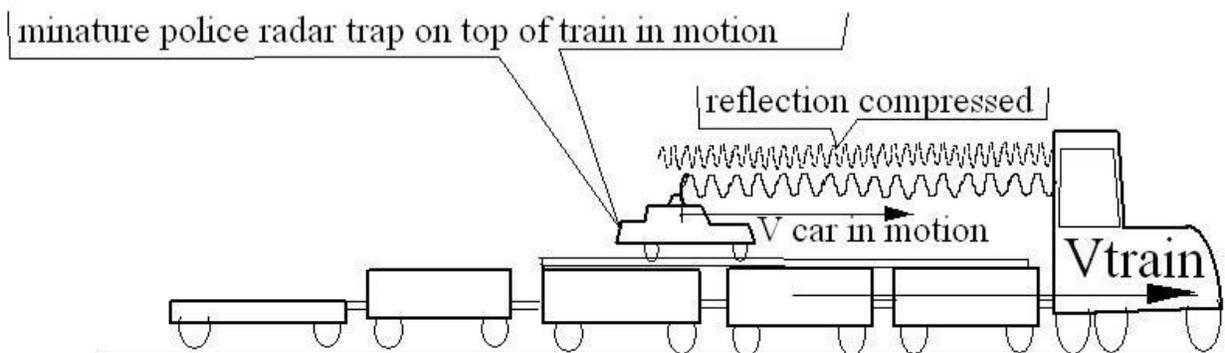
This means that the photon particle-wave duality is forcing the **photon exit speed** from the radar speed trap **antenna** must be in reference to the train eigen-speed to catch up with the speeding locomotive to show a **relative zero** speed!

When the police radar trap beam is directed onto a stationary building on the side of the track **reflecting** the radar beam back to the police car on top of the speeding train a compression of the frequency occurs thereby adding the speed of the train to the police car beam, this is an addition of the photon energy-imprint; this is because, the reflection of the radar beam from the building is adding compression to the **beam** light frequency; this is adding energy to the photon! The **speed** of the reflected beam **exiting-leaving** from the building-wall remains unchanged at **c according to Einstein's postulation! However,** if we capture the radar beam into a light mirror-box having an internal angular orbital reflection passage of 10000 meters, then we will find a **difference** of simultaneous arrival time between the train edge passing the

building edge triggering a **stationary-internal-building light beam** into the 10000 meter light box passage, in comparison to the passage of the speeding radar beam through the light mirror box! Now we have a difference of two side by side light beam speeds **contrary** to Einstein's **S R T** light origin postulations!

Speed_{total-reflection}=Train_{speed} + C ; then we will have an addition of velocities beyond the speed of light C in reference to the “stationary” earth ! Light physics is here then a corpuscular system!

Aditinally, if we place a speeding toy train on top the flat cars having a light beam Led source we again proof that the light speed is in reference to **this new speeding source on top of the speeding train flat cars.**



Accordingly, the speed of light leading-edge emitted from a light source is always in reference to the speed of the originating light source Eigen-Speed.

$$\text{Speed}_{\text{total,effective}} = \text{Light-source-speed} + c$$