

# "Corrections to Special Relativity"

---

*Source:* <http://sci.tech-archive.net/Archive/sci.physics/2007-02/msg03197.html>

---

- *From:* "Yek" <yek@xxxxxxx>
  - *Date:* Tue, 20 Feb 2007 09:55:14 -0500
- 

"Corrections to Special Relativity"

Special Relativity can be defined in terms of the Lorentz Transformation. In a Force–Length–Time system of units, which are as valid as the conventional Mass–Length–time system in common use, these transformations are:

Parallel to Velocity Vector

$$\begin{aligned} \text{Force} &= 1 \\ \text{Length} &= 1/(1-V^2/c^2)^{0.5} \\ \text{Time} &= (1-V^2/c^2)^{0.5} \end{aligned}$$

Velocity Transverse to Velocity Vector

$$\begin{aligned} \text{Force} &= 1/(1-V^2/c^2)^{0.5} \\ \text{Length} &= 1 \\ \text{Time} &= (1-V^2/c^2)^{0.5} \end{aligned}$$

\* It will be noted that the Lorentz Transformation for Transverse Force provided is the reciprocal of the conventionally accepted value. The transformation provided is readily derived using the accepted values of the Lorentz Transformations for Transverse Length, Parallel Length, and of Time. The currently accepted transformation for Transverse Force differs its currently accepted value because it was apparently derived using Maxwell's Equations.

There is a fundamental error in the use of Maxwell's Equations in the derivation of the Lorentz Transformation for Transverse Force. The derivation relies upon the velocity of light and introduces an error when used between velocity reference frames. Both The Special Relativity and The Lorentz Transformation–Aether Theory teach that the velocity of light is the same when measured in any reference frame. Since velocity is length divided by time, the Lorentz Transformations for Velocity must be equal to the Lorentz Transformation for Length divided by the Lorentz Transformation for Time. For reference frames which differ in velocity, we find that the velocity of light, which is the distance that light travels in a given time, CANNOT be unchanged between reference frames which differ in velocity if the velocity of light is found to be unchanged within a reference frame (as it

## "Corrections to Special Relativity"

is). It follows that any derivation of the Lorentz Transformation for Transverse Force based upon Maxwell's Equations IS NOT VALID and its conventionally accepted value is incorrect. The corrected value of the Lorentz Transformation for Transverse force eliminates the absurdity of "The right Angle Lever Paradox".

The Lorentz Transformation for Mass is simply derived and is found to be equal to  $(1-V^2/C^2)^{1.5}$  and not equal to the currently accepted value of  $(1-V^2/C^2)^{0.5}$ . The difference results from the fact that the value is derived for an incremental velocity change. When one mathematically integrates the effects of an incremental velocity change between the velocity of 0 and C the conventional Lorentz Transformation for Mass is obtained.

The most important result of the investigation is the determination of how kinetic energy is stored or released in matter as a result of change in velocity. This is done by the simple expedient of considering the effect of a velocity change on the energy stored in a compressed spring. Most satisfactorily this is all that is required to understand the nature of inertial mass, See <http://einsteinhoax.com/relicor.htm>.

The source material for this posting may be found in <http://einsteinhoax.com/hoax.htm> (1997); <http://einsteinhoax.com/gravity.htm> (1987); and <http://einsteinhoax.com/relicor.htm> (1997). EVERYTHING WHICH WE ACCEPT AS TRUE MUST BE CONSISTENT WITH EVERYTHING ELSE WE HAVE ACCEPTED AS TRUE, IT MUST BE CONSISTENT WITH ALL OBSERVATIONS, AND IT MUST BE MATHEMATICALLY VIABLE. PRESENT TEACHINGS DO NOT ALWAYS MEET THIS REQUIREMENT. THE WORLD IS ENTITLED TO A HIGHER STANDARD OF WORKMANSHIP FROM THOSE IT HAS GRANTED WORLD CLASS STATUS.

All of the Newsgroups made by this site may be viewed at the <http://einsteinhoax.com/postinglog.htm>.

Please make any response via E-mail as Newsgroups are not monitored on a regular basis. Objective responses will be treated with the same courtesy as they are presented. To prevent the wastage of time on both of our parts, please do not raise objections that are not related to material that you have read at the Website. This posting is merely a summary.

E-mail:- [einsteinhoax@xxxxxxxx](mailto:einsteinhoax@xxxxxxxx) If you wish a reply, be sure that your mail reception is not blocked.

The material at the Website has been posted continuously for over 8 years. In that time THERE HAVE BEEN NO OBJECTIVE REBUTTALS OF ANY OF THE MATERIAL PRESENTED. There have only been hand waving arguments by individuals who have mindlessly accepted the prevailing wisdom without questioning it. If anyone provides a significant rebuttal that cannot be objectively answered, the material at the Website will be withdrawn. Challenges to date have revealed only the responder's inadequacy with one exception for which a correction was provided.

