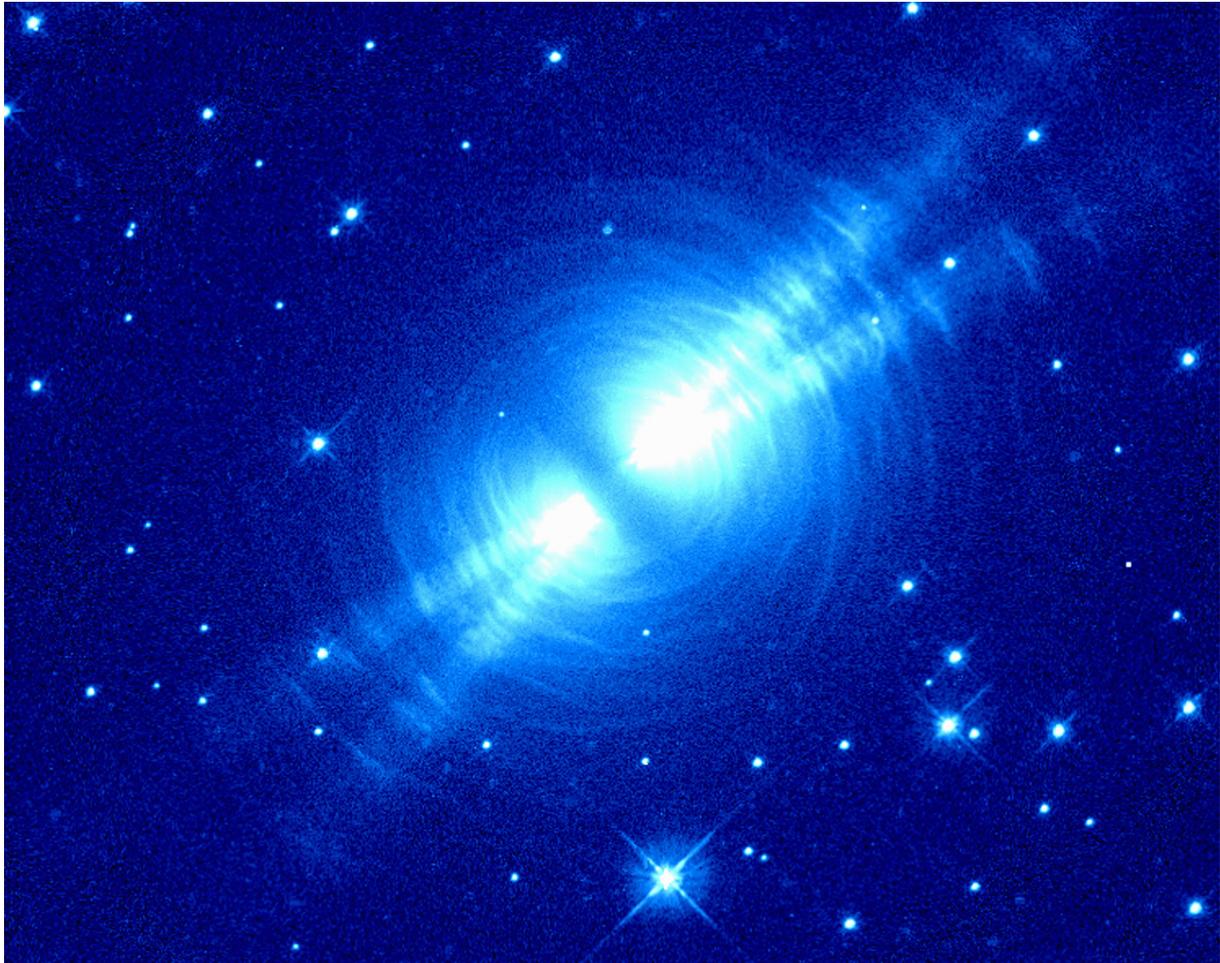


Light Velocity Varies Enormously Throughout The Universe



by

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Abstract

Although current physics considers special relativity just a theory, the basic principle of this theory, which states that the speed of light is constant and is a speed limit in nature is accepted as a fundamental physics law. In reality, however, the special theory of relativity (STR) with its basic principle is a physics myth. This myth was mathematically formulated with the help of distorted mathematical formulas and invalid assumptions. The theory substituted physics constants with dimensionless mathematical variables. Furthermore, the derivation of Lorentz transformations was performed based on the assumption that light velocity (c) is the same in all co-ordinate systems that are in relative motion, not on the assumption that it has the velocity c only in the co-ordinate system in which *aether* is supposedly at rest. This assumption should have been the outcome of the derivation, not the initial supposition of the derivation process.

Apparently Einstein's main goal was to show with formulas that any observer will measure the same velocity of light c , whether or not the source is in motion relative to the frame of reference in which the observer received and measured the velocity of light. The so-called paradoxes which are supposed to be the result of relativistic effects are not really paradoxes in the rational sense, but rather contradictions to physical reality. These contradictions are inherent in the principle of relativity borrowed from Henri Poincaré and the physical interpretations of Lorentz transformations.

STR has been - and still is - one of the obstacles to progress in physics.

Contents:

- 1- Introduction**
- 2- Invalid Derivation of Lorentz Transformations/Derivation of Gamma**
- 3- The Derivation of Relativistic Velocity Addition**
- 4- Time dilation and so called Twin paradox**
- 5- Observations from Outer Space and Basic Experimental Facts Contradict STR**
- 6- Detection of High Energy Cosmic Particles Contradicts STR**

7- Conclusions.

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