

Thus should Galileo be given credit for doing pioneering work in the field of SPECILA THEORY OF RELATIVITY.

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Source: <http://sci.tech-archive.net/Archive/sci.physics/2006-11/msg00266.html>

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 - *Date:* 5 Nov 2006 04:19:44 -0800
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Sorcerer wrote:

"Boris Mohar" <borism_-void_-_@xxxxxxxxxxxxx> wrote in message news:9ehqk2p7chcs14070k3o7knu3k0rpgi713@xxxxxxxxx

| Is it sane to ask was the speed of time in the past same as in the present?

No, it would not be sane.
The speed of time is one second per second.
The speed of mass is one gram per gram.
The speed of length is one metre per metre.

| Would that account for red shift?

Two theories for red shift exist.
1) Doppler shift, expanding Universe.
2) "Tired" light, steady state universe.

Given that the energy from a point source of light in space is distributed over the ever-increasing surface of an expanding sphere, and that light arrives in packets called "photons", $\nu = 1/\text{Area} * h/E$ is reduced as a function of distance because area increases as a function of distance. In other words, photons get "bigger" the further they travel. This gif is supposed to represent two electrons in an atom radiating spherically, and the interference gives rise to two directional photons.
<http://www.androcles01.pwp.blueyonder.co.uk/rephoton.gif>

Viewed from either side, no energy is received. This is the principle of phased-array radar.
http://en.wikipedia.org/wiki/Antenna_array

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Expanding universe is really silly.

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It is the basic question.

See the references below.

Existing reference

http://en.wikipedia.org/wiki/Special_relativity

Einstein's references

Title of Einstein's paper (June 2006) , which is well known as SPECILA THEORY OF RELATIVITY

Title of paper

ON THE ELECTRODYNAMICS OF MOVING BODIES.

Print Reference

Einstein, A. Annalen der Physik, 17 891–921 (1905).

Web. Reference

<http://www.fourmilab.ch/etexts/einstein/specrel/www/>

The two postulates are quoted in section

§ 2. On the Relativity of Lengths and Times

The following reflexions are based on the principle of relativity and on the principle of the constancy of the velocity of light. These two principles we define as follows:—

1. The laws by which the states of physical systems undergo change are not affected, whether these changes of state be referred to the one or the other of two systems of co–ordinates in uniform translatory motion.

Any ray of light moves in the ``stationary" system of co–ordinates with the determined velocity c , whether the ray be emitted by a stationary or by a moving body.

So whatever I have written is based upon these facts.

Further references

100 Years of $E=mc^2$

(Book will be published in Dec. 2006 , By NOVA Science, New York, USA)

https://www.novapublishers.com/catalog/product_info.php?cPath=23_48_324&products_id=4554

AJAY SHARMA 5TH Nov 2006.

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