

Einstein's Constant Velocity of Light Historical Mistake

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Abstract: What we see is not what we measure. Distance measurement using signals introduces time delays

Present time = present time

Present time = past time + [present time - past time]

Present time = past time + time delays

An object of length r could be seen longer or shorter if it extended or shortened $\text{Exp}(\lambda t)$ or twisted $\text{Exp}(i \omega t)$ making it in general $r \text{Exp}[\lambda + i \omega] t$. If the length of an object is not extended or shortened then $\lambda = 0$ and it could be seen as a twisted visual effect.

Then r ----- Visual $r = S = r \text{Exp} i \omega t$

If actual motion is r then time Visual motion is S where $S = r \text{Exp}[i \omega t]$ caused by light aberration visual effects as follows:

With $\text{Exp}[i \omega t] = [\cosine \omega t + i \text{sine} \omega t]$

From r changing to $S = r \text{Exp}[i \omega t]$

It changes to: $S = r [\cosine \omega t + i \text{sine} \omega t]$
 $= r \{ \sqrt{[1 - \text{sine}^2 \omega t]} + i \text{sine} \omega t \}$
 $= S_x + i S_y$

Light aberration: $\omega t = \text{arc tan}(v/c)$

Where $S_x = r \sqrt{[1 - \text{sine}^2 \text{arc tan}(v/c)]}$; And $S_y = \text{sine} \text{arc tan}(v/c)$; $\omega t = \text{arc tan}(v/c)$

With $v/c \ll 1$ then; Where $S_x = \sqrt{[1 - \text{sine}^2 \text{arc tan}(v/c)]}$; And $S_y = \text{cosine} \text{arc tan}(v/c)$

In absolute value $S = r$

Along the line of measurement:

$S_x = \sqrt{[1 - \text{sine}^2 \text{arc tan}(v/c)]} = r \sqrt{[1 - (v/c)^2]}$

$S_x = r \sqrt{[1 - (v/c)^2]}$

This is the equation for length contraction of Lorentz's used in Einstein's theories

But it is the light aberrations visual effects and it is "apparent" and not real except on Campus.

Einstein said: if $S_x = c \Gamma$ and $r = c t$

1- Principle of constant velocity of light

Then $\Gamma = t \sqrt{[1 - (v/c)^2]}$

2- This is time dilation

Taking velocity of light as constant changes distance visual effects to time dilation effects and relativity theory can be derived and was born from two mistakes Lorentz's length contraction and Einstein's constant velocity of light. When Physicists accepted these two mistakes of Lorentz's and of Einstein's Physicists magic sock was created to say anything publish anything based on nothing for jobs money prestige Nobel Prizes and no physics