

Re: Division by Zero in Nature, and Decomposition of Time.

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From: Lefty (*Ye_at_h.Right*)

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<tedkord@excite.com> wrote in message
news:1104643468.779392.221180@z14g2000cwz.googlegroups.com...
> *snip*
> > *Well, consider linear travel using gasoline in miles per gallon. You*
> *are*
> > *calculating Miles/Gallons. If you have zero gallons of gas, your car*
> *may*
> > *exist but your gas mileage is not defined.*
> >
> > *You have the same situation with time. If you cant measure it or*
> *observe it*
> > *because the largest scale motions in the universe are nearly zero*
> *relative*
> > *to us, then you still have a universe but time is undefined.*
> *Spacetime*
> > *collapses to 3D "relative to an observer" here on Earth.*
> >
> >
>
>
> *This is where the previously stated idea of using appropriate units*
> *comes into play. We measure in miles per gallon. Maybe if we measured*
> *in nanometers per cubic meter, our cars would simply cease to exist?*
>
> *My car gets $4.828 \times 10^{13} \text{nm}/0.003785 \text{m}^3$. There, I said it. I hope it's*
> *still out in my driveway, and didn't just vanish in a puff of logic.*
>

Well, you have to look at the difference between various ratios. Days and years are not so far apart. minutes and seconds are not so far apart. Hours and weeks are further apart, but still relatively close.

Seconds and years are pretty far apart, but well within the rang of being easy for the average person to percieve the difference.

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But when 1 second is compared to something like $1 \cdot 10^{20}$ seconds, I think that the differences are getting pretty large, and $1 \cdot 10^{-20}$ is getting pretty close to zero, at least the average person would probably perceive it as such.

Changing units because it makes calculation "more convenient" introduces human bias.