

Re: Gravitational acceleration

Source: <http://sci.tech--archive.net/Archive/sci.physics.relativity/2005-09/msg00333.html>

- *From:* "Mike" <eleatis@xxxxxxx>
 - *Date:* 4 Sep 2005 10:21:36 -0700
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Koobee Wublee wrote:

{snip}

- >
- > Newtonian physically fails at explaining exactly why objects with mass would
- > even physically attract[s] each other.

Why do you think it should?

- > Similarly, General Relativity also
- > fails to explain why objects with mass and thus energy (both observed
- > parameters) would physically cause a curvature in surrounding spacetime.

Why do you think it should?

- > Thus, GR cannot be regarded as a next-generation theory to Newtonian
- > physics. If Einstein can adapt his calculations towards what the answer is,
- > one can also modify Newtonian physics to match the observed.

How do you think one could?

- >
- >> But beyond that nothing in relativity says you can not describe things
- >> going faster than the speed of light – for example the sweep of a
- >> flashlight over clouds can easily exceed the speed of light or the closing
- >> velocity of two objects can be greater than the speed of light.
- >
- > Not just in relativity, no object physically can be observed to travel
- > beyond the observer's own observed speed of light in vacuum. This is
- > already implied in the Lorentz Transforms.

The question is not whether it can be observed to do so, the question is whether it can do it, even while you fail to observe it doing so.

Re: Gravitational acceleration

>
>> What is says is you can not send information faster than the speed of
>> light.
>
> Better brush up on your quantum mechanics.

QM: $G = 0, h = h$

GR: $G = G, h = 0$

You naughty boy, mixing apples and potatoes again?

Mike

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• **References:**

◆ **Gravitational acceleration**

◇ *From: glad . gys*

◆ **Re: Gravitational acceleration**

◇ *From: Bill Hobba*

◆ **Re: Gravitational acceleration**

◇ *From: Koobee Wuble*

• Prev by Date: **Re: Mathematical Inconsistencies in Einstein's Derivation of the Lorentz Transformation**

• Nex