Re: Gravitational time dilation within shell

Source: http://sci.tech−archive.net/Archive/sci.physics.relativity/2008−07/msg03016.html

- *From*: shalayka@xxxxxxxxx

- *Date*: Thu, 31 Jul 2008 13:03:32 −0700 (PDT)

On Jul 31, 2:01 pm, "Androcles" <Headmas...@xxxxxxxxxxxxxxxx> wrote:

> <shala...@xxxxxxxxx> wrote in message
>
> news:3372a5dc−8cef−4684−a045−0074e456b147@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
> | Are the gravitational time dilation experienced by a test particle the
> | same for these two setups?
> |
> | 1) A single gravitating body of mass M at a distance of R from the
> | test particle ... tau = t sqrt(1 − 2GM/(Rc^2)).
> |
> | 2) A homogeneous shell of mass M of radius R, where the test particle
> | is inside of the shell (doesn't need to be at the centre since dtau/dr
> | = 0 inside).
> |
> | Thanks for any information.
> |
> | − Shawn
>
> Yes, of course. Now be a good boy and take your medicine.

OK dude, you don't even believe in Einstein's relativity. Thanks for
the reply though. I was getting really lonely. :)

− Shawn
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