

Re: Energy of Gravity is Nonlocal

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2004-11/0432.html>

From: Bill Hobba (*bhobba_at_rubbish.net.au*)

Date: 11/02/04

Date: Tue, 02 Nov 2004 10:01:35 GMT

"vonroach" <hadrainc@earthlink.net> wrote in message
news:8todo099nf6qj1afor22n9h4qvj5cu3m02@4ax.com...
> *On Mon, 01 Nov 2004 10:00:07 -0600, Tom Roberts <tjroberts@lucent.com>*
> *wrote:*
>
> >vonroach wrote:
> >> *On Mon, 01 Nov 2004 04:11:26 GMT, Tom Roberts <tjroberts@lucent.com>*
> >> *wrote:*
> >>> *Hulse and Taylor's observations of binary pulsars show evidence of the*
> >>> *emission of gravitational radiation.*
> >>>
> >> *Then they should take their time and collect enough evidence for*
> >> *others to examine. And their findings should be confirmed by others.*
> >> *Have the waves been precisely measured and documented for other to*
> >> *see?*
>
> *Perhaps like Newton and later Einstein, they think they have explained*
> *'gravity'. 'Gravitational radiation' - ROFLMAO.*

Whatever makes you think science explains anything? All science has is theories in accord with experiment – in physics those theories are usually mathematical models. If one thinks science explains anything, describes reality (whatever reality is), or any of the other philosophical positions one sees trotted out regarding it is of any real relevance, then they are mistaken.

>
> >*They have. See the literature. This is how science works.*
> >
> >
> >> *It would be quite strange if this is the only evidence of this*
> >> *ubiquitous force.*
> >>
> > [*Gravitational waves are definitely not a "force". In fact,*
> > *in GR even gravitation itself is not a "force" (it is*
> > *merely the geometric properties of the manifold).]*
>

sci.physics.relativity: Re: Energy of Gravity is Nonlocal

> *Einstein never succeeded in working gravity into GR.*

You are joking right? GR is a theory about gravity – specifically it says gravity is space–time curvature.

> *Until I see*

> *evidence I will continue to regard it as a force capable of*

> *accelerating a mass. Actually a rather tiny force.*

You will find evidence in any book on GR eg

http://www.pupress.princeton.edu/sample_chapters/ciufolini/chapter2.pdf.

>

> *>Not necessarily, as gravitational waves have proven to be extremely*

> *>elusive to detect. There are several heroic experiments looking to*

> *>detect them right now -- look up LIGO and VIRGO....*

> >

> *I'm ahead of you there – now tell me where to find their results to*

> *date.*

>

> *Then tie dark matter, vacuum energy, and a few other little loose odds*

> *and ends into your theory – recall we only have passing familiarity*

> *with about 5% of the Universe. Our senses are only equipped to detect*

> *what our ancestors needed to survive. Perhaps a bacterium with only*

> *chemotaxis `knows' more than we do – they are certainly more*

> *adaptable.*

Now tell me where in the scientific method it claims to give the answer to everything? – indeed where does it claim anything other than having theories in accord with experiment?

Bill

> >

> *>Tom Roberts tjroberts@lucent.com*

>