

Re: E <=> MC^2 generally ...and also inside living things!

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"Harry Conover" <hhc314@yahoo.com> wrote in message
news:7ce4e226.0408111047.704df886@posting.google.com...
> "Duane C. Johnson" <redrok@redrok.com> wrote in message
news:<41198952.7A07F7C7@redrok.com>...

>>

>> *The mass energy conversion shows up in ANY conversion. For example:*

>> *Let's burn 4 hydrogen atoms with 2 oxygen atoms to release heat.*

>> *The two H2O water molecules will have less mass than the*

>> *4 hydrogen and 2 oxygen atoms before they were burnt.*

>

> *No.*

>

>> *OK, the mass change is exceedingly small but has been measured.*

>

> *No.*

>

> *Now I believe I know where you are coming from: The analogy of does a
> compressed spring storing energy have more mass than an uncompressed
> spring.*

>

> *In theory it would, however, the mass equivalent of the energy that
> went into compressing the spring is so minute that the concept would
> be impossible to experimentally observe or verify. Whether of not the
> situation is factual or not becomes a matter of your confidence in the
> theory.*

>

> *In generally, no net mass change has ever been observed in any chemical
> reaction.*

>

> *Harry C.*

Not true! After a high explosive releases its energy it weighs nothing.

:~)

Sane