

# Re: Infinite precision floating-point

---

*Source:* <http://coding.derkeiler.com/Archive/Lisp/comp.lang.lisp/2005-05/msg01842.html>

---

- *From:* GP lisper <[spambait@xxxxxxxxxxxxxxxxx](mailto:spambait@xxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 26 May 2005 15:45:01 -0700
- 

On 26 May 2005 15:29:09 -0700, <[josephoswald@xxxxxxxx](mailto:josephoswald@xxxxxxxx)> wrote:

>

- > This is by no means part of experimental physics. However, the general
- > way this kind of idea arises is in discussion of quantum gravity.
- > (setting aside electric charge, which seems to come in discrete
- > amounts, with no experimentally verified explanation, and only
- > speculations about magnetic monopoles, or strange topological
- > arguments, that have led pretty much nowhere.)

This is pretty funny.

There is little question about the discreteness of charge, assuming monopoles provides solutions to several puzzling problems (and makes some patch antenna design simple). Basically the 'observations' in this area are relatively noise-free....yet people do not think monopoles exist.

- > Now, I will preface this by saying it is not necessary to have a full
- > quantum theory of gravity to understand how ordinary Earth-strength
- > gravitational fields affect a laboratory experiment which explores
- > quantum mechanics. You just add a term in your Hamiltonian representing
- > the gravitational potential and move on, if you like. However, taken to
- > extremes (such as in the neighborhood of black holes, or when the
- > universe was born out of something \*much\* more compact), the

Here, on the other hand, the observations are few and noisy. There are probably more anomalous results (and objects) than understood objects. Yet many believe in blackholes, and in the biggest blackhole of all time. It must be the cheering section.

The biggest laugh (for me) comes with evaporating black holes, shades of Bondi, Gold and Hoyle!

- > You can combine these constants alone to calculate a length:

This is numerology reborn.

Re: Infinite precision floating-point

- > But all this is really the most extreme sort of speculation. To claim
- > on this basis that space & time are "discrete" on this scale is quite
- > glib.

Oh, Hi "kenny"

--

With sufficient thrust, pigs fly fine.

.

---

• **References:**

- ◆ ***Re: Infinite precision floating-point***  
◇ *From:* Thomas A. Russ
  - ◆ ***Re: Infinite precision floating-point***  
◇ *From:* Raffael Cavallaro
  - ◆ ***Re: Infinite precision floating-point***  
◇ *From:* Mikko Heikelä
  - ◆ ***Re: Infinite precision floating-point***  
◇ *From:* josephoswaldgg@xxxxxxxxxxxx
- Prev by Date: ***Re: Infinite precision floating-point***
  - Next by Date: ***Re: How long should a function be?***
  - Previous by thread: ***Re: Infinite precision floating-point***
  - Next by thread: ***Re: Infinite precision floating-point***
  - Index(es):
    - ◆ ***Date***
    - ◆ ***Thread***