

Re: Infinity is not that big!

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"robert j. kolker" <nowhere@nowhere.net> wrote in

> *HERC777 wrote:*

>

>>

>> *0 is not a natural number*

>> *0 has no magnitude*

>

> *0 is the identity element of the additive group of rational integers*

> *(i.e. 0, positive integers and negative integers). So one cannot say 0*

> *is nothing.*

>>

>> *if infinity was a number then $\infty = 0$*

>

> *0 is a number. ∞ is not a number in the algebraic sense.*

>

> *Bob Kolker*

The intention here is that "infinity is BIG" "Bigger than anything else" is misleading. Its more like just 'bigger', no size of its own.

Of the natural numbers 1 2 3 4 5 ..

0 is left and ∞ is right, they don't really count.

Herc