

# Re: A new definition of natural numbers

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- *From:* "Tónico" <[Tonicopm@xxxxxxxxxx](mailto:Tonicopm@xxxxxxxxxx)>
  - *Date:* 13 Nov 2006 12:10:23 -0800
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Eckard Blumschein ha escrito:

On 11/6/2006 9:31 AM, Virgil wrote:

In article <454EE10F.7070506@xxxxxxxxxxxxxxxxxxxxxxxx>, Eckard Blumschein <[blumschein@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:blumschein@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

Perhaps Archimedes was the first one who gave a still unrivalled compelling description of natural numbers.

Not by modern standards.

Concerning the basics of mathematics: Do we need questionable modern standards or a comprehensively correct and as plausible as possible logic foundation?

Judge yourself: Methods by Euclid, Newton, Leibniz, Euler, Gauss etc. were overly successful and will continue to do so. Is there any need to use Cantor's transfinite set theory, any example of useful application of  $\aleph_2$  or even more nonsensical phantasmagoria?

Eckard Blumschein

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Any use...where or in what? To go and buy eggs and milk in the grocery store? I doubt it.

Transfinite theory is beautiful, works great, is consistent...what else a mathematician needs to deal with some stuff?! That there are no practical uses for that? Who gives half a damn?! Proving FLT or the insolubility of the quintic had hardly any practical application WITHIN the math world itself, leave alone outside "in the real world"...who cares?! It's fun, it's beautiful in some strange sense pretty similar

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to listening to Bach or Rachmaninoff, and that's all a mathematician needs. By the way, many non-mathematicians seem to think that this is important, since they keep on supporting heavily this kiind of stuff. Somebody, perhaps, will sometime find some application to this "in the real world"...yes, perhaps. in the meantime, who cares?! Is that ALL your argument against Dedekind-Cantor-Set theory? Seems uncountably weak to me...\*sigh\*...specially if you're trying to convince mathematicians. You may try though in your city's bazar, or perhaps in Mueck's college.

Regards

Tonio