

Re: abundance of irrationals

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mueckenh@rz.fh-augsburg.de wrote:

- > *No, the natural numbers (in digits or bits for instance) make it to be*
- > *more than a name. Numbers are required for counting, counting requires*
- > *numbers. That is their primary duty. Rational numbers count in the unit*
- > *of their denominators. Irrational numbers don't count at all.*

If I understand correctly, you say 3 is not just a name, because we can represent it with bits?!

That is not true, you can interpret some bits as the number 3 but 3 has no implementation.

For example

0x0011 binary code = 3

0x0010 gray code = 3

0x0111 my code = 3

0x1000 your code = 3

tri in Serbian = 3

3 = 3

these are all just names, from the name we decide we're talking about 3, and not vice versa. 0x0011 can also be left left right right in a dance choreography.

... for a mathematician that is... but for a less creative person 0x0011 might mean 3 and only 3 and that person might think that 0x0011 is the physical for of a number :)