

Re: WELL WHICH IS IT... ?

Source: <http://sci.tech-archive.net/Archive/sci.math/2005-01/6159.html>

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|—erc wrote:

> > *"If you have the list of computables, a random real number can be on it to an infinite number*

> > *of digits, and yet not be on the list" True / False / Other*

>

It's possible that for each k, the real agrees with some member of the list to k digits, but that the real is not on the list.

> *As stated: false. The real either is or is not on the list, but not both.*

>

>

>

> > *"If you have the list of computables, a random real number can*

> > *be on it to an infinite number of digits, and yet not be on*

> > *the list" True / False / Other*

>

> *True as phrased. (Example: S_3 and $1/3$, TX_{10} and any q whose*

> *denominator has a prime factor other than 2 or 5)*

>

>

> *Herc*

> --

> *As our PM for 10 years Mr Howard*

> *What long term goals have you realised?*