

Re: abundance of irrationals!)

Source: <http://sci.tech--archive.net/Archive/sci.math/2005-05/msg02702.html>

- *From:* Tony Orlow (aeo6) <aeo6@xxxxxxxxxxxx>
 - *Date:* Fri, 13 May 2005 16:50:06 -0400
-

Virgil said:

> In article <MPG.1ccea621fe0d3b63989c3a@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>,
> Tony Orlow (aeo6) <aeo6@xxxxxxxxxxxx> wrote:
>
>> Virgil said:
>>> In article <MPG.1ced3bf54b70fa1e989c2c@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>,
>>> Tony Orlow (aeo6) <aeo6@xxxxxxxxxxxx> wrote:
>>>>
>>>>> I didn't disagree that the branches (or paths, as I
>>>>> called them) are infinitely long. Our disagreement
>>>>> is this: you think this invalidates my earlier claim
>>>>> (that each node in the tree is represented by a finite
>>>>> path) and I do not.
>>>>> if a branch is infinitely long, how long is the string of bits that
>>>>> specifies
>>>>> the node at the end (or finitely close to the end) of that branch? If the
>>>>> node
>>>>> is infinitely far down a branch, it requires infinite bits, one for each
>>>>> fork.
>>>>
>>>> But no nodes are "infinitely far" down a branch. That is the same error
>>>> that TO makes with naturals, assuming that there has to be an infinite
>>>> one. Apparently he does not learn from his mistakes.
>>>>
>> You said the branches extend infinitely far from the root, but each branch is
>> bounded by two nodes. Are those nodes, to the near and far side of that
>> infinitely far away branch, both finitely far from the root,
>
> Yes!
>
>
>> and both closer
>> than the branch they define?
>
> NO, each node (except the root node) is at the farther end of the
> branch which extends to it.
So, that branch infinitely far from the root, has a node at the end of it that
is closer to the root than it is?
>

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> > This makes absolutely no sense.

I reiterate.

>

> Does to me. That you cannot think your way out of a wet paper sack, does

> not impose any constraints on others.

>

Talking to the mirror again?

--

Smiles,

Tony

.

• *Follow-Ups:*

- ◆ *Re: abundance of irrationals!)*
◇ *From:* Virgil

• *References:*

- ◆ *Re: abundance of irrationals!)*
◇ *From:* mueckenh
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Randy Poe
- ◆ *Re: abundance of irrationals!)*
◇ *From:* mueckenh
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Randy Poe
- ◆ *Re: abundance of irrationals!)*
◇ *From:* aeo6
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Russell
- ◆ *Re: abundance of irrationals!)*
◇ *From:* aeo6
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Russell
- ◆ *Re: abundance of irrationals!)*
◇ *From:* aeo6
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Russell
- ◆ *Re: abundance of irrationals!)*
◇ *From:* aeo6
- ◆ *Re: abundance of irrationals!)*
◇ *From:* aeo6
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Virgil
- ◆ *Re: abundance of irrationals!)*
◇ *From:* aeo6
- ◆ *Re: abundance of irrationals!)*
◇ *From:* Virgil

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