

Re: Review of Mueckenheims book.

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- *From:* "Dik T. Winter" <Dik.Winter@xxxxxx>
 - *Date:* Thu, 1 Mar 2007 02:38:09 GMT
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In article <1172674257.469668.135280@xx>
mueckenh@xxxxxxxxxxxxxxxxxxxx writes:

On 26 Feb., 04:14, "Dik T. Winter" <Dik.Win...@xxxxxx> wrote:

- > Definition: The cross-section $C(n)$ of a finite tree $T(n)$ is the number
- > 2^n of nodes of its last level $L(n)$.

Obfuscations abound. So $C(n)$ is the number of nodes that are at distance n from the root.

Correct, namely the maximum of paths which can be separated in this tree $T(n)$.

Yes, as each path terminates at such a node. You again add obfuscation.

- > The cross section $C(\infty)$ of the union of finite trees $U(T(n))$ is $C(\infty)$
- > $= |2^\omega| = \aleph_0$.

Proof, please. And how do you *define* $C(\infty)$?

I do not define $C(\infty)$. We are talking about the union of finite trees
It does not contain a Level $n = \infty$ or tree $T(\infty)$.

How can you state things about things you do not define? You state $C(\infty)$
as being something, but you do not define $C(\infty)$?

You defined $C(n)$ as the
number in the last level $L(n)$ of $T(n)$. What is the last level of $T(\infty)$?
So what is $C(\infty)$?

If you look at the proof of the harmonic series, there are \aleph_0

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pairs of parentheses.

What are you babbling about. You used $C(\infty)$ and I ask what it is. But you refrain to answer. I will skip the following, as it is irrelevant as long as you refuse to answer my question.

Then you see that the cross section of the union tree $U(T(n)) = T(\infty)$ is $C(\infty) = \aleph_0$.

What can I see if you even do not give a definition of your terminology?

> Proof: Left as an exercise to the reader. [Hint: Consider the proof