

Re: Implementable Set Theory and Consistency of ZFC

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Jesse F. Hughes wrote:

Han de Bruijn <Han.deBruijn@xxxxxxxxxxxxxxxx> writes:

Jesse F. Hughes wrote:

But whatever it means, since a model of ZFC is also a model of ZFC – Infinity, you seem to be claiming that you can build an infinite set using only the first four axioms.

But the reverse is not true: a model of (ZFC – Infinity) is not a model of ZFC(Infinity included). So I'm building only (ZFC – Infinity), with those first four axioms: extensionality, empty set, pairing, union. All finite sets can be build with these 4 axioms (but there are infinitely many of these finite sets, like with the naturals).

In other words, you are **not** speaking about every model of ZFC – Infinity, despite what you claimed.

And just as I suggested.

Have no idea what you are talking about, with your "every model".

Han de Bruijn

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