

Re: Nonfirstorderizability

Source: <http://sci.tech-archive.net/Archive/sci.logic/2005-08/msg00216.html>

- *From:* "George Dance" <georgedance04@xxxxxxxx>
 - *Date:* 8 Aug 2005 03:44:07 -0700
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Michael De wrote:

> So I guess my interpretation is incorrect since arithmetic is not
> essential in cooking up the models.

Being incorrect is OK; By raising your points and making your hypotheses here, you make it possible for many besides yourself to learn about them.

In that light, I was wondering: when you have time (ie, when the real discussion is over), would you mind explaining to a simple lay person why the Geach-Kaplan sentence cannot be 'firstorderized' as:

$ExEyAz((Cx \ \& \ Cy) \ \& \ (Axy \ \& \ Ayx) \ \& \ (Axz \ \rightarrow \ z=y) \ \& \ (Ayz \ \rightarrow \ z=x))$
(Ca =df. a is a critic; Aab =df. a admires b)?

Or refer me to a weblink, if that's easier.

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• *Follow-Ups:*

- ◆ ***Re: Nonfirstorderizability***
◇ *From:* Michael De
- ◆ ***Re: Nonfirstorderizability***
◇ *From:* Chris Menzel
- ◆ ***Re: Nonfirstorderizability***
◇ *From:* Torkel Franzen

• *References:*

- ◆ ***Nonfirstorderizability***
◇ *From:* Michael De
- ◆ ***Re: Nonfirstorderizability***
◇ *From:* Michael De

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Re: Nonfirstorderizability

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