

Re: Mathematical strings

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- *From:* "John Jones" <jonescardiff@xxxxxxx>
 - *Date:* 26 Sep 2006 06:54:04 -0700
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David C. Ullrich wrote:

On 25 Sep 2006 14:51:08 -0700, "John Jones" <jonescardiff@xxxxxxx> wrote:

A mathematical string is a pictogram, a synthesis of geometry, mathematics and human intentions.

Actually no, that's not what a string is in mathematical logic. The *_representation_* of a string on the printed page might have these properties, but the string itself is not the same thing as its representation on the printed page. A *_character_* is simply an element of whatever set arbitrarily chosen to be the set of characters in some language, and a string is simply a finite sequence of characters.

Why *_don't_* you read a book on logic before lecturing us about it? Probably you're having more fun doing things your way – I've never understood people who enjoy making fools of themselves in public, but I've seen enough examples that I'm not surprised by their existence any more.

The human intention is to create start and end, so that elements in a string can be counted. To create 'start' and 'finish', start and finish are conflated with the geometrical 'beginning' and 'end' indicated on the string pictogram. It follows that a string is a function in geometrical form. In this it bears similarities to other, invocational, pictograms such as the hindu swastika.

David C. Ullrich

Re: Mathematical strings

oo-er..

a string is
simply a finite sequence of characters.

Um yes, that's what I said. A string is a pictogram.

You see.., well what can I tell you Mr. Daryl.

I will give you a lecture that should prove mildly enlightening. Did you read my post on the integral text of mathematics, and integral texts in general? Well, it suggests that if the institutional repository of a community is knowledge then that knowledge is stored as an integrated text comprised of the integration of style, author/history and idea. The integral text is devoid of conceptual content but can be used to stymy debate. You are employing the integral text to stymy debate by thinking with the integral text – conflating mathematical idea with its style and author/history.

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