

Re: Calculus XOR Probability

Source: <http://sci.tech-archive.net/Archive/sci.math/2006-05/msg04562.html>

- *From:* Matt Gutting <tchrmatt@xxxxxxxx>
 - *Date:* Wed, 24 May 2006 13:29:39 -0400
-

imaginatorium@xxxxxxxxxxxxxxx wrote:

Tony Orlow wrote:

Matt Gutting said:

Tony Orlow wrote:

Matt Gutting said:

Tony Orlow wrote:

Matt
Gutting
said:

My
question
is,
since
you
haven't
actually
defined
oo,
how
can
you
tell
whether
oo
or
2/oo
exist?

Because
that's the
LIMIT. You
want to take

Re: Calculus XOR Probability

the limit as
 $n \rightarrow \infty$?

Yes, or writing it out
without shorthand, I want to
take the limit as
 n increases without bound.

Well, ∞
has to
exist,
doesn't it?

Not necessarily.

Oh. Then the symbol doesn't necessarily
mean anything. Can you take a limit as
 n approaches something that doesn't exist?

No, and I'm not. It's not true that " n approaches infinity"; n
increases without
bound. And one can certainly take a limit as n increases
without bound.

Right, but you can't say what the curve IS in the limit without considering
having REACHED the limit.

Sez you. But sez you, because you have no idea what the mathematical
definition of a limit is. Actually your entire output, a year, and 1320
posts according to google, is based on your misconception that
"infinity" is where you get to at the end of an unending operation.

Well, it seems vanishingly unlikely that you will ever make the effort
to attempt to understand the mathematical notion of a limit, so I'll
stop here.

Brian Chandler
<http://imagination.org>

Reached the limit of your patience, have you? I know your decision
must have been a Big'un. ;-)

Matt

*** Posted via a free Usenet account from <http://www.teranews.com> ***

.

Re: Calculus XOR Probability