

Re: Calculus XOR Probability

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- *From:* iminatorium@xxxxxxxxxxxxxx
 - *Date:* 24 May 2006 08:05:06 -0700
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Tony Orlow wrote:

 Matt Gutting said:

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 Matt Gutting said:

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

 Because that's the LIMIT.
 You want to take 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?

Re: Calculus XOR Probability

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
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