Re: Continuum hypothesis

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- *From*: george <greeneg@xxxxxxxxxx>
- *Date*: Mon, 20 Aug 2007 08:53:27 −0700

On Aug 20, 11:39 am, stevendaryl3...@xxxxxxxxx (Daryl McCullough)
wrote:

> Bell's Theorem proves that no measurable function f can possible
> satisfy this constraint. However, Pitowsky proved that if one
> assumes the continuum hypothesis, one can construct a nonmeasurable
> function that satisfies this constraint.

One line of the truth table still has not been completed here.
If one DENIES the continuum hypothesis, can there still
exist a NON−constructible nonmeasurable function that
satisfies the constraint? Or is the truth of the CH necessary
to the existence of the non−measurable function at all (regardless
of whether it can be proven to exist)?

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