

From: Seth Lloyd <[REDACTED]>
Sent: Monday, October 24, 2016 4:40:56 PM
Subject: Re:
To: "jeffrey E." <jeevacation@gmail.com>
Cc: "Nowak, Martin" <[REDACTED]>

I'm not sure about self awareness but self-referential math famously gives paradoxical result. This capacity for self reference is the basis for Godel's incompleteness theorem and Turing's halting problem (plus the free will results that I mentioned).

Seth

On Mon, Oct 24, 2016 at 5:58 AM, jeffrey E. <jeevacation@gmail.com> wrote:

my take is that many of the equations break down , into indeterminate form zero to to zero .
etc. division by zero. etc. funn. it seems self aware math is also opaque.

----- Forwarded message -----

From: Seth Lloyd <[REDACTED]>
Date: Sun, Oct 23, 2016 at 10:55 PM
Subject: Re:
To: "jeffrey E." <jeevacation@gmail.com>

That's a tough one! Too tired from DOD blather blather to take it on tonight though.
Fun talking today.

Seth

On Sun, Oct 23, 2016 at 8:35 PM, jeffrey E. <jeevacation@gmail.com> wrote:

Alice knows her own state ? No signal needed?

On Sunday, October 23, 2016, Seth Lloyd <[REDACTED]> wrote:

Dear Jeffrey,
Number: [REDACTED] Sitting here writing report for DOD. Would welcome interruption.

Seth

On Sun, Oct 23, 2016 at 10:45 AM, jeffrey E. <jeevacation@gmail.com> wrote:

number ?

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