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**From:** jeffrey E. <jeevacation@gmail.com>  
**Sent:** Monday, March 6, 2017 12:08 PM  
**To:** Joscha Bach  
**Subject:** Re:

they may have physical prothesits like cat wh=skers. to enable it to guage width of hole.  
<=div>

On Sun, Mar 5, 2017 at 8:03 PM, Joscha Bach [REDACTED] >=rote:

Most animals don't have a self=model, probably because they don't have complex enough brains or long =nough training phases (childhoods) to do meta-regulation.

> On Mar 5, 2017, at 16:48, jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com>> wrote:

>

> Law of large numbers is all that is needed

> On Sun, Mar 5, 2017 at 5:46 PM Joscha Bach [REDACTED]

wrote:

> From a cybernetics perspective, there is Ashby's "Good Regula=or" theorem, which states that every regulator with enough degrees of=freedom will form a model of what it regulates. The Self is perhaps at its=core a model of our own internal attention regulation, which leads to a pr=tocol of what we attended to, including acts of accessing that protocol it=elf.

>

> I am not sure how to relate that to game theory; you may be able to ge= that without evolutionary competition. However, game theory is probably t=e way to explain how we evolve submission to norms beyond indirect recipro=ity.

>

>

>> On Mar 5, 2017, at 12:12, jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com>> wrote:

>>

>> i wonder in game theory what advantage it gives. .

>> On Sun, Mar 5, 2017 at 12:11 PM, Joscha Bach [REDACTED] > wrote:

>> absolutely. so are truth and meaning

>>

>> Am 05.03.2017 um 11:52 schrieb jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com>>:

>>

>>> i is a mental construct that gives an evolutionary adva=tage , .

>>>

>>> On Sun, Mar 5, 2017 at 11:29 AM, Joscha Bach [REDACTED] > wrote:

>>> I believe that I think, but am "I" the agent of thi=king?

>>>

>>>

>>>

>>>

>>> On Mar 5, 2017, at 08:34, jeffrey E. <jeevacation@gmail.com> wrote:  
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>>> I suggest the expression really shoul= be "I think, therefore I believe I am "  
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