

**From:** "jeffrey E." <jeevacation@gmail.com>

**To:** Joscha Bach <[REDACTED]>

**Subject:** Re:

**Date:** Sat, 23 Jul 2016 11:44:06 +0000

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conjecture, probability is a force. - it is the underlying force for self organizing systems. most traits fall on a distribution curve. it is not useful to talk about a point on the curve. it is only the curve that gives you information.

if i tell this person is a male of 48 years old. it leads me to believe that you are somewhere between 4foot 5 and 7 foot 10 . I can say no more ( ala wittgenstein). it makes no sense to say otherwise. .

the distributions are relatively constant. in a population. if one individual moves either up or down. it is most likely that another has the opposite move keeping the distribution constant. even making you happier means someone else must get sadder

evolution works predominately on the points on the curve. it is the activity ON the curve. shifting the points locations. the curve may change over a time period . averages height moves up, average intellegvine moves up

The focus on the individual is the weak link how do I get happy, is asking how do i move up the curve , but just as statistical mechanics says little if nothing about a single particle . but we can say much about the group. biology may present a similar issue

footnote , It is my view that gravity is only a result of probability . it is not a force. but a pseudo force. . like spinning a stone on a string over your head, it creates a pseudo force on the string ( centrifugal ). we are fooled into thinking otherwise. . simple question

why if i throw a fair coin. many many times will the heads and tails eventually come up in equal numbers. . probability forces it into a 50/50 ratio over time. and is guaranteed in infinite time . but says nothing about each throw. the coin thinks it has free will. but obviously it doesn't. it believes that it can be either heads or tails. it can but it operates under the mysterious force of probability

gravity can be measured , but no reason for its existence makes sense.

I really like your self organizing intelligence module idea. I think it is only an outcome of probability. modules

on a brain issue, I believe that this has led to the formation of what i have referred to as OBJECTS . " mental objects. " your layers generate probabilities and the more time they take to develop arguably the more accurate the curve

On Sat, Jul 23, 2016 at 3:12 AM, Joscha Bach <[REDACTED]> wrote:

Yes, the principles are Bayesian, I suspect. Water is a good, hard problem.

Unrelated, I will very much miss the opportunity to teach at MIT, which helped to develop ideas and recruit students, but I should use the opportunity to get long uninterrupted stretches for writing.

> On Jul 21, 2016, at 20:31, jeffrey E. <jeevacation@gmail.com> wrote:

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> I like the idea of a self organizing system of intelligence. . feedback. I suggest you focus on natural constraints. properties of water. ? for example. . probability theory, distributions of power laws and their

derivations. etc.

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