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**From:** Misha Gromov [REDACTED]  
**Sent:** Sunday, July 31, 2016 3:14 PM  
**To:** jeffrey E.  
**Subject:** Re:

you know how it is: a vague idea wants to materialize, =nbsp; ... many are called but few are chosen

On Sun, 31 Jul 2016 11:04:46 -0400, jeffrey E. wrote:

persistant illusion? consiousness required.&nb=p; not sure what you mean by illusion

On Sun, Jul 31, 2016 at 11:00 AM, Misha Gromov <[REDACTED]> wr=te:

Math in biology may be a persistent illusion. Such an illusion may gener=te something dynamically non-trivial,e.g. physical science or someth=ng essentially static such as philosophy or religion.

On Sun, 31 Jul 2016 10:38:19 -0400, jeffrey E. wrote:

understood. . however&=bsp; what i like is the concept of pressure . says nothing at =ll about any one molecule , but gives useful information re the statistica= . I wonder if people are more like the indi=idual molecule and only looking at the statistical overview may give=some info. the term social being, means part=of a group. . left isolated the indiv cannot thrive. &nbs=; the study of groups of individuals , actuarial tables etc.&n=sp; seems useful. but only at the boundary s of certainty or z=ro. does it say anything meaningful about any single person.

On Sun, Jul 31, 2016 at 10:31 AM, Misha Gromov <[REDACTED]>  
<mailto:[REDACTED]> > wr=te:

mechanism -- something as sophisticated as Watt's pressure regulat=r

On Sun, 31 Jul 2016 10:21:09 -0400, jeffrey E. wrote:

the word mechanism gives me pause, - &nbsp; it relates so much to the industrial revolution where evrything an= everyone can be thought of as a machine. &nbsp;p; the concept of hope. for example . or even the idea of " concepts= in general do not appear to me to lend themselves to m=chanics. . is probability a " mechanism " =2E ?

On Sun, Jul 31, 2016 at 9:27 AM, Misha Gromov [REDACTED]

<[REDACTED]> wrote:

On Sun, 31 Jul 2016 09:19:31 -0400, jeffrey E. wrote:

yes , or in paris if i come earlier. &nbsp; what are you working on? =do you think there is any fundamental reason why biology has n=t opened its mysteries to mathematics?

Possibly, the consistency of the failures = of the attempts of making conceptual math-biology points toward an interesting psychological mechanism gen=rating the strive to achieve it.

On Sun, Jul 31, 2016 at 9:15 AM, Misha Gromov [REDACTED]

[REDACTED] wrote:

in NY?

On Sun, 31 Jul 2016 08:57:03 -0400, jeffrey E. wrote:

if one looks at probability distributions. it could appear =hat the curve is a result of being acted on by a pseudo force. =nbsp; pushing agents towards the center. the activity of=change more along the curve ( membrane ) one agent moves=up the other down so the distribution remains the same?

At harvard last week i hosted a group discussing deception. .&n=sp; the cost benefit. . camoufluge. misinforation, disimformation. &n=sp; etc , the feelign was that the role of your ergo cou=d be the system designed to read the inner workings of your predator=or your prey. . instilling false signals , is a cheap pr=tecton.

anyway hope to see you soon

On Sun, Jul 31, 2016 at 8:28 AM, Misha Gromov

> wrote:

nice about himself in the press

Remind me of a scientist who staged up his death in order to find something

On Sat, 30 Jul 2016 11:42:37 -0400, jeffrey E. wrote:

do i have to look in the obituaries to make sure you are not there? :)

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