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**From:** Nowak, Martin A. [REDACTED]  
**Sent:** Tuesday, July 26, 2016 2:18 AM  
**To:** jeffrey E.  
**Subject:** Re:

super excited to work on those questions already discussed power with moshe today

conservation of energy may not be a problem here because most likely an open system constant influx of energy (from the sun)

running makes a runner (who eats enough) faster

power games could include accumulation of payoff asymmetry&nbsp; that would be a very new idea

MOjects are amazing

On Jul 25, 2016, at 7:02 AM, jeffrey E. <jeevacation@gmail.com> wrote:</=iv>

martin, you seemed want to to describe power as poten=ial energy, ie the abi=ity to do work. . however many of the categories appear =o violate the conservation of energy law . ie the more =ou use your intellectual power. the greater it becomes.- the use of&nbsp; political power ,ex a public hanging . increases the perception of =trength. etc. there seems to be a very importan= observer effect - ie signaling. ( biological entites need signals ?&nbsp;p; ) the accumulation of power. sends a signal to others.&nbs=; money might be considered a useful signal. =nbsp; it can be sent as an exchange or accummulated for a status bum= in a narrow search space. the observer perception meanings are complex

topics for our conferences . I will fund . in=uding hiring others to research. seminars. weekends&nbs=; etc

1 Power . what is it= what are some of its forms. , financial- ph=sical intellectual poliitical. computational - and others. &nbsp;p; . chomsky - langauge ehud military. gates.&nbsp;p; financial. . etc

Deception . biology vs mathematics. &nbsp;p; biological entities FEED. therefore predator prey , = look at the cost benefit of deception , including self decept=on. also respect , how it is earne=. wasted, stolen , even borrowed inherited, and then dignity the study of self respect?

3 Money , what is it ? an ag=eement? a signal. similar to ATP. stored =onverted and used. created, local global

4. music, melody horizontal = combined with vertical . ie melody and harmony, =he harmony is extremely involved. i dont understand if =omputation can be made so that parallel processors not only work the=r own voice but can be overlayed to form a more complex pattern

5 Probability - is it a force like gravity. we can describe ( measure ) gravity ,=nbsp; we can describe probabilities. neither do we understand what they are,

6 Derivation of the Power laws and distribution= in biological systems. ( =is intelligence reallyl just a self organized layered probabil=ty engine. )

7 and most interesting of all OBJECTS .=nbsp; what are they, what role do they play in cognition=are they the wittgenstein like " images " &nbsp;=nbsp; , or are they are more. -they are embedded in context.=nbsp; they have emotional dimensions. my guess is as the brain sits in 3d space any slicing. w=uld render moot. the mere study of the pattern of neuron firings.&nbsp;=nbsp; how do mojects relate to "concepts. " . = I think they are transformations. a s=t of mobjects can be desribed as a concept. . the set of concepts as phenomenon. etc

we know our sensory organs each act in a very narrow=band. as joi said how are they circled. bound=ed constrained. focus and attention would be a wei=hting of one dimension of the Moject or its projection

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please note

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