From: jeffrey E. <jeevacation@gmail.com>
Sent: Monday, July 25, 2016 11:02 AM
To: Nowak, Martin
Cc: Joi Ito; Joscha Bach

martin, you seemed want to to describe pow=r as potential energy, ie the ability to do work. . =A0 however many of the categories appear to violate the conservation=of energy law . ie the more you use your intellectual p=wer. the greater it becomes.- the use of political power ,ex a= public hanging . increases the perception of strength. etc. =C2 there seems to be a very important observer effec= - ie signaling. =A0 (biologlical entites need signals ?) t=e accumulation of power. sends a signal to others. =money might be considered a useful signal. it can be sen= as an exchange or accummulated for a status bump in a narrow search=space. the observer perception meanings are complex
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topics for our conferences . I will fund . =C2 including hiring others to research. seminars. =A0 weekends etc
1 Power . =A0 what is it? what are some of its forms. =C2 , financial- physical intellectual poliitical. computational -=C2 and others. . chomsky - langauge ehu= military. gates. financial. . etc

Decept=on . biology vs mathematics. biological entities =A0 FEED. therefore predator prey , look at the cost be=efit of deception , including self deception. al=o respect , how it is earned. wasted, stolen , e=en borrowed inherited, and then dignity the study of self resp=ct?

3 Money , what is it ? =A0 an agreement? a signal. similar to ATP. stor=d converted and used. created, local global
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4. music, melody horizontal combi=ed with vertical . ie melody and harmony, the har=ony is extremely involved. i dont understand if computa=ion can be made so that parallel processors not only work their own =oice but can be overlayed to form a more complex pattern
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5 Probabiliy - is it a f=rce like gravity. we can describe (measure) grav=ty , we can describe probabilities. neither do we =nderstand what they are,

6 Derivation of =he Power laws and distributions in biological systems. =C2 (is intelligence reallyl just a self=organized layered probability engine.)

7 and most interesting of all MOBJECTS . =C2 what are they, what role do they play in cognition are they th= wittgenstein like " images " , or are=C2 they are more. -they are embedded in context. =A0 they have emotional dimensions. my guess is as =he brain sits in 3d space any slicing. would render moot= the mere study of the pattern of neuron firings. =C2 how do mojects relate to "concepts. ". I think=they are transformations. a set of mobjects=C2 can be desribed as a concept. . the set of concept= as phenomenon. etc

we know our sensory =rgans each act in a very narrow band. as joi said =ow are they circled. bounded constrained. fo=us and attention would be a weighting of one dimension of the Moject =or its projection

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=A0 please note