
From: jeffrey E. <jeevacation@gmail.com>
Sent: Saturday, May 9, 2015 10:39 AM
To: Jeffrey Epstein
Subject: Fwd: subjects

my authority is informed by hidsight, an inner world=like a cirlce bounded by consciousness. a membrabne. seperating it =from the ouside world. . things move acorss the membrance, =AO influnecing both . socil physical emotioinal rewards. . =AO sef stimulation. religion.

----- Forwarded message -----

From: jeffr=y E. <je=vacation@gmail.com <mailto:jeevacation@gmail.com> >
Date: Wed, May 6, 2015 at 7:07 AM
=subject: Fwd: subjects
To: Jeffrey Epstein <jeevacation@gmail.com <mailto:jeevacaca=ion@gmail.com> >

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----- Forwarded message -----
Fr=m: jeffrey E. <jeevacation@gmail.co=>
Date: Wed, Apr 29, 2015 at 4:55 PM
Subject: Fwd: sub=ects
To: Jeffrey Epstein <jeevacation@gmail.com <mailto:jeevacation@gmail.com> >

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----- Forwarded message -----
F=om: jeffrey E. <jeevacation@gmail.c=m>
Date: Wed, Apr 29, 2015 at 4:48 PM
Subject: subject=
To: Jeffrey Epstein <jeevacation@gmail.com <mailto:jeevacation@gmail.com> >

1. unlike machines that turn on when the =witch is thrown. . in essece default off. biological sys=ems are default on. they attempt to stay on. the system =f excitaiton and inhibiotn is not dissinmlar from adjusting the speed of a=car. to make it go faster. you can either put your foot =n the gas or take it off the brake. much of the early ad=ances in medicine and pyschology were during the industrial revoluti=n, when machines were the examples. the body as a machine was =he way to look and try to figure out what was going on. =ydrualics. for muscle . s cranes joits pulleys. =C2 for psychological issues the machine and some of its ter=s became inbedded in the system. thinking like a well oiled ma=hine. input output, , computation, memory, ,

=he view was that a dream state was turned on when one fell asleep/=C2 the equivalent of going to the movies. what =as on the screen was then analyed , examied frightened amised =, it was in a dark enclosed skupp of a room. people wer able to fly. =etc. I think that there is another more bioligial system expla=tantion. I postualte that dreams are ALWAYS on. =AO running 24 hours a day, one gets to experince them when the scree= of conciousness drops away, it is that conciouness sets a scr=en in front of the dreams. I takes energy to keep the conciuosnes sc=een continuous,

and opaque with respect to the dreams. If consciousness screen starts to fade, we can see behind it and start to daydream, if we are unable to craft a screen with no holes we are fine but that takes energy and sleep to fill in the holes. =A0 without sleep the holes form and dreams start poking their way through. Schizophrenia is a person not being able to distinguish between dreaming and reality. He is walking in the street but he hears his mother. The neighborhood cat might speak to him. =A0 things that everyone experiences in their dreams the schizophrenic cannot tell the difference his screen is damaged. The dreams behind the consciousness screen are tied to the emotions., =why am I in a bad mood, could be because I am having a bad dream behind my consciousness screen, a feeling of dread, something happened in my dream. etc. . It turns out that schizophrenics suffer =A0 sleep ailments. sleep deprivation causes hallucinations. (dreams while awake). The consciousness screen is tied to our senses. run through focus filters. with a feedback that in some instances are hard wired, aversion, danger, =its the activity behind the screen that answers the complex questions. =A0 The aha moment is when the dream room sends its message to the consciousness room.

2 music, most animals =make sounds. What does music represent. It is melody =A0 prosody, information both vertical and horizontal. chords =A0 melody. . As it is generated from the brain can it be reversed engineered and used to probe the workings of the machine that created it. =A0 Listening to a flute, and its tonal quality from the sound analysis, a long empty tube can be postulated. But that's only its structure, rhythms are a product of the =layer not only the structure. Do German marches provide insight into = German mind. Is it organized regularity. beats that range from 30 - 120 bpm. Do African Americans. think =more like jazz. somewhat off the beat. (humor, unpredictable movements making it harder for a German to tackle down the field. . =A0). Why do soldiers march further to music, =A0 runners run further. . A symphonic structure is=theme repetition variation on the themes conclusion. =A0 The same dictum given to public speakers. tell them what you are going to say, say it, tell them what you said.

3. Mathematics is the search for truth. algorithms that do not change their result with the passing of the day. =C2 Mathematics stands outside of time. The ideal of a point or line (separate from Einstein's measurement issues as the actual measurement is =much more difficult . Requiring a beginning and an end therefore measurement lives in time space. Mathematics is the search for truth. I postulate that Biology and biological systems =differ from Mathematics because it is needs deception to survive. Biological systems only make sense in time space. , trying to stay away =from what is the moment of life or death. . Predator-prey= biological systems need free energy in order to maintain structure dissolving from entropy, energy needs to =be ingested in order to fight the slope down to breaking apart and returning=to dust. . Getting energy, the most basic bio requirement. In bio systems however the best way to get=energy is either from the sun, a limited chemical reaction or heat gradient. The energy must come from outside. The way for a system= to gain energy is to eat it. The way not to die is to eat and not be eaten. . The game of eat or not be eaten is very sophisticated =C2 what is the entity. The cell. The organ, the organism. The=community on and on. Hierarchical nested systems. At every level decisions have to be made, is it ok to sacrifice a few cells so that the organism can live. Which cells. Do they get a choice? How many when. When the organism is eaten by its predator. How did it try to protect itself. camouflage, surrounding itself in junk, mimicry, =misdirection, misinformation. etc.. Quantum sensing =me theory, free will, bait, ants, .

4. We have come a long way in surveillance and detecting and encoding and decoding =communications between people between computers, . we can do this because we can pick out the words in text, embed it in a grammar space, =br> we know the language/ we need to do the same now for biology, what is the language of the cells. =A0 Do they communicate with proteins, . What are they saying to each other, is the language encrypted , does each person have =their own code. Is it chemical or electrical or both. or physical like the shape of the protein fitting in a lock, or combination of all three. The protein fits. The electricity is fired, etc. Does the=brain send a message. What does medicine do. Does it follow the receiver the sender. the listener. The history of telecommunications intercepts have a long history referring to Alice and Bob =that would like to speak to each other, they encrypt their= messages. So that a listener cannot do damage. . =C2 Why not attack the bio language the same way as speech. =C2 Have NSA work on decrypting the difference in signals =A0 from a cancer cell as opposed to a healthy one. We know that cells send=out messages , am I in the right place. If they get= no answer or the wrong answer they are programmed to commit suicide. =A0 When a

foreigner shows up in a neighborhhod that is hostile =, he is surrounded, killed and moved into the trash. =A0 he can masquerade as a local. how can the other cells=tell. can they ask him who won the world series. ? =. maybe an equivalent. friend or foe, ? decoding skills =ind it difficult to decipher if there is no repetition or action tha= is the result of the message. the famous example separa=e from heil hitler at teh end of the message (anecdote or true). =C2 to break a code that was recieved from the germans the allies =laned a bomb in three citie all set to blow at teh same time, =hey thoguth that the word for bank or bomb would be in the message f=r the day. . or so the story goes.

mo=ey what is it . is it a mirage that disappears when you =ook too closely, can you have money without debt, =s it an accounting system. what and whys of itnerest. =A0 was it for small communities. ? with the same currency, what is t=e dirrency betteen currency and money, what is the meaing of val=e,? cost. market. what is a derivative, futures =A0 , stocks bonds, options, convertibles. how does trust fit in,=C2 can you have money with no trust. in each other in=an institutuion, , what is credit, is it different than money, =, social contract. reputation. economics. . curren=y exhange, bitcoin, zero knowledge proof. ,

'VAULE =A0 WORTH COST

inner state economics. vs outer stat= ? inner game theory. nested functions. how does one balance i=ner and outer drive. original works of art are a befit for inn=r state. personal art signature from grandfather , if th=y are proven fake , no reality but huge value change.. =value needs to be from each seat in thehouse. .

if you win the game but violate your principals it =s a two dimensaional game , that should have a utility function. =A0 it is a two dimeiisonal graph, ? dynamic, does it change over tim=. ? no answers. as apart from physics due to math. <=div>

intellignce. ? speed of thought . algo=ithmms empathy, creativity , surivial.. is it a limited=resource, maximizing options, ENVIRONMENT<

dis=ributions, pwer laws. biollogical agents. networks. =A0 is gravity merely a restoring force.. pareto . zipf, norma=. why are things distributed. central limit therom=C2 randomness. etfc.

pwer =A0 physical financialall iontellectaul, politcial. its us=s. dangers getting others to do work, play on the =definition. ?

nested is the essecene of life.. mem=branes. boundaries. ecxchnagfe across the boundaries .

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please note

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