
From: jeffrey E. <jeevacation@gmail.com>
Sent: Sunday, May 17, 2015 12:52 PM
To: Jeffrey Epstein
Subject: Fwd: subjects

money is not happiness. . inner reward structure, =C2 distoritoin on reality, .
money is a function of wan=. ?

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From: jeffrey E. <jeevacation@gmail.co= <mailto:jeevacation@gmail.com> >
Date: Sun, May 10, 2015 at 9:54 AM
Subject: Fwd: sub=ects
To: Jeffrey Epstein <j=evacation@gmail.com <mailto:jeevacation@gmail.com> >

biologcal analogis=C2 fro complex systems.. decisions recursive interatc=ons acorss a boundary,
memebranecomputing

inner thought =ounded bu consciouuses external world. circle incl=des self directed reward, -- god . . exteranll
fol=ows rules of science. hope inside parabolas out. /=/ bpuondary membrane, everything on the insdide sho=s on
boundary(concious).

gamefication. - rewards. =C2 habituation. . exteranl motivations

my authority is informed by hidsight, =A0 an inner world like a cirlce bounded by consciousness. a membrab=e.
seperating it from the ouside world. . things move acorss t=e membrance, influnecing both . socil physical emotioina= rewards. . sef stimulation. religion.

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1. unlike machines that turn on when=the switch is thrown. . in essece default off. biologica= systems are default on. they attempt to stay on. the sy=tem of excitaiton and inhibiotn is not dissinmlar from adjusting the speed=of a car. to make it go faster. you can either put your =oot on the gas or take it off the brake. much of the ear=y advances in

medicine and psychology were during the industrial revolution, when machines were the examples. the body as a machine=was the way to look and try to figure out what was going on. =C2 hydraulics. for muscle . s cranes joists pulleys. for psychological issues the machine and some of =ts terms became inbedded in the system. thinking like a well o=led machine. input output, , computation, memory, ,

=C2 the view was that a dream state was turned on when one fell asleep/ the equivalent of going to the movies. what was on the screen was then analyzed , examied frightened amised=C2 , it was in a dark enclosed skupp of a room. people wer able to fly.=C2 etc. I think that there is another more biological system=explantantion. I postualte that dreams are ALWAYS on. =A0 running 24 hours a day, one gets to experince them when the=screen of conciousness drops away, it is that conciouness sets=a screen in front of the dreams. It takes energy to keep the conciousness screen continuous, and opaque with respect the dreams. if consciousness screen starts to fade. we can see behind an start to=day dream, if we are unable to craft a screen with no holes =A0 we are fine but that takes energny and sleep to fill in the holes. =A0 without sleep the holes form and dreams start poking their =ay through. schizohrenia is a person not being able to disting=ish between dreaming and reality. he is walking in the street =ut he hears his mother . the neighborhood cat might speak to h=m. things that everyone experiecents in their dreams the =chizoid cannot tell the differnece his screen is damaged. =A0 the dreams behind the conciosness screen are tied to the emotions=, why am i in a bad mood , could be because I am having a bad dream =ehind my consciousness screen, a feeling of dread, , somethin h=ppend in my dream. etc. . it turns out that schizoeds su=fer sleep ailments. sleep deprivation causes hallu=inations. (dreams while awake). the conbcioussess scree= is tied to our senses. run through focus filters. with a feedback t=at in some instances are hard wired, aversion , danger , =A0 its the acgivity behind the screen that answers the compleix ques=otns. the aha moment is when the dream room sends its message to the=conciousness room.

2 music , most anim=ls make sounds. what does music represent. it is m=lody prosody, inforamtion both verticaland horizontal. ch=rds melody. . as it is generated from the brain can it be reve=sed engineered and used to probel the workings of the machine tha creatied=it. . listeing to a flute, and its tonal quality =C2 from the sound analysisi , a long empyt tube can be postualted. =A0 but thats only its structure, rythms are a prod=ct of the player not only the structure. do german marches provide i=site into a german mind. is it organized regulaid. =beats that range from 30 - 12 bpm. do afro americanacs.=C2 think more like jazz. somewhat off the beat. (hum=r. unpredictable movements making it harder for a german to tackle down th= field. .). why do soldiers march further t= music, runners run further. . A symphonic s=rtucture is theme repetition vaitaion on the themes conclusion.=C2 the same dictum given to public speakers. tell the= what you are going to say, say it , tell them what you said.=C2

3. mathematics is the search for truth. =A0 algorithms that do not change there result with the passing of the day.=C2 . mathematics stands outside of time. the ideal of a poi=t or line (separte from einsteins measuermnt issues as the actual measure=ent is much more diffcult . requiring a beggining and and end =herefore measurement lives in time space. mathematics is=the search for truth. I postualte that Biology and biological =systems differ from mathematics beacuse it is needs deception to survive. b=ological systems only make sense in time space. , trying to st=y away from what is the moment of life or death. . pred=or prey. biuoogical systems need free energy in order to=maintain structure dissintegraing from entropy, eneygy n=eds to be ingested inorder to fight the slope down to breaking apart and r=turning to dust. . getting energy, the=most basic bio requirement. in bio systems however the best wa= to get energy is either from the sun, a limtied chenical reaction or heat=gradient. the energy must come from outside. the way fo= systems to gain enery is to eat it. the way not to die is to eat an=not be eaten. . the game of eat or not be eaten is very sophisticated =A0 what is the entity . the cell . the organ , the organ=sm . the community on and on. heirarchila ne=ted systems. at every level decision have to be made , i= it ok to sacrifice a few cells so that the organism can live. =which cells. do they get a choice? how many when .=C2 when the organism is eaten by its predator. how did it try to =rotect itself. camaflouge, surrounding itself in junk, m=micryy, misdirection, misinformation. etc.. qurum sensin= game theory, free will, bait, ants, .

4 we=have come a long way in surveillance and detecting and encoding and =ecoding communicaions between people between computers, . we =an do this beacuse we can pick out the words in text, embed it in a gramma= space,

we know the language/ =we need to do the same now for biology, what is the language of the =ells. do they communcat with proteins, . what are they saying =o each other, is teh oanaguge encrypted , does each per=on have his onw code. is it chemicl or elctrical or bot=. or physical like the shape of the protein fiiting in a lolck, or c=mbination of all three. the protein fits. the electri is fired, etc.=does the brain send a message. what does medicine do. do=s it fool the receiver the sender. the listener. the history of tele=ommmincations intercepts have a long histroy referring to alice=and bob that would like to speak to each other, they enc=ipt their messages. so that a listener cannot do damge. =C2 . why not attack the bio language the same way as speech. =A0 have nsa work on decrypting the differnce in si=sals from a cancer cell as opposed to a helathy one. we know that ce=ls send out messages , am i in the right place. if=they get no answer or the wrong aswer they are programeed to commit suicic=e. when a foreigner shows up in a neighborhhod that is hostile=C2 , he is surrounded. killed and moved into the tras=. he can masquerade as a local. how can the other =ells tell. can they ask him who won the world series. ?=C2 . maybe an equivalent. friend or foe, ? decoding s=ills find it difficult to decipher if there is no repitition or acti=n that is the result of the message. the famous example =eparate from heil hitler at teh end of the message (anecdote or true).=C2 to break a code that was recievied from the germans the a=lies planed a bomb in three citie all set to blow at teh same time, =C2 they thoguth that the word for bank or bomb would be in the me=sage for the day. . or so the story goes.

=div>money what is it . is it a mirage that disappears wh=n you look too closely, can you have money without debt, =C2 is it an accounting system. what and whys of itnerest.=C2 was it for small communities. ? with the same currency, =hat is the dirrency beetween currency and money, what is the meai=g of value,? cost. market. what is a derivative, f=tures , stocks bonds, options, converitibles. how does trust =it in, can you have money with no trust. in each o=her in an institutuion, , what is credit, is it different than money= , social contract. reputation. economics. .=currency exhange, bitcoin, zero knowledge proof.,

'VAU=E WORTH COST

inner state economics. vs outer=state ? inner game theory. nested functions. how does one bala=ce inner and outer drive. original works of art are a befit fo= inner state. personal art signature from grandfather , =f they are proven fake , no reality but huge value change. . =C2 value needs to be from each seat in thehouse. . =A0

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

intelligence. ? speed of thought = algorithmms empathy, creativity , surivial. . is it a l=imited resource, maximizing options, ENVIRONMENT<

distributions, pwer laws. biollogical agents. networks= is gravity merely a restoring force.. pareto . zipf, n=rmal. why are things distributed. central limit th=rom randomness. etfc.

pwer =C2 physical financialall iontellectaul, politcial. its=uses. dangers getting others to do work, play on t=e definition. ?

nested is the essecne of life. . =emebranes. boundaries. ecxchnagfe across the boundaries .

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=A0 please noteerved

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=C2 please note

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