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Sent: Wednesday, April 29, 2015 8:55 PM
To: Jeffrey Epstein
Subject: Fwd: subjects

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From: jeffrey E. <jeevacation@gmail.co= <mailto:jeevacation@gmail.com> >
Date: Wed, Apr 29, 2015 at 4:48 PM
Subject: subjects=br>To: Jeffrey Epstein <jeevac=tion@gmail.com <mailto:jeevacation@gmail.com> >

1.=C2 unlike machines that turn on when the switch is thrown.=C2 . in essece default off. biological systems are default =n. they attempt to stay on. the system of excitaiton and=inhibiotn is not dissinmlar from adjusting the speed of a car. to ma=e it go faster. you can either put your foot on the gas =r take it off the brake. much of the early advances in medicin= and pyschology were during the industrial revolution, when ma=hines were the examples. the body as a machine was the way to look a=d try to figure out what was going on. hydrualics. for m=schle . s cranes joits pulleys. . for psycho=ogical issues the machine and some of its terms became inbedde= in the system. thinking like a well oiled machine. inpu= output, , computation, memory, ,

the view was that=a dream state was turned on when one fell asleep/ the eq=ivalent of going to the movies. what was on the screen w=s then analyed , examied frightened amiused , it was in a dark=enclosed skupp of a room. people wer able to fly. etc. I=think that there is another more biological system explantantion. =A0 I postualte that dreams are ALWAYS on. running 24 hou=s a day, one gets to experince them when the screen of conciousness =rops away, it is that conciouness sets a screen in front of th= dreams. I takes energy to keep the conciuosnes screen continuous, a=d opaque with respect the dreams. if concioussess screen starts=to fade. we can see behind an start to day dream, =f we are unable to craft a screen with no holes we are fine but that=takes enerngy and sleep to fill in the holes. without sleep =A0 the holes form and dreams start poking their way through. schizoh=enia is a person not being able to distinguish between dreaming and =eality. he is walking in the street but he hears his mother .=C2 the neighborhood cat might speak to him. things th=t everyone experiecens in their dreams the schizoid cannot tell the =iffernece his screen is damaged. the dreams behind the c=nciosness screen are tied to the emotions., why am i in a bad =ood , could be because I am having a bad dream behind my conciousness scre=n, a feeling of dread, , somethin happend in my dream. etc. =A0 . it turns out that schizoeds suffer sleep ailments.=C2 sleep deprivation causes hallucinations. (d=eams while awake). the conbciousess screen is tied to our senses.=C2 run through focus filters. with a feedback that in some instances ar= hard wired, aversion , danger, , its the acgivity=behind the screen that answers the compleix quesiotns. the aha momen= is when the dream room sends its message to the conciouness room.

=/div>2 music , most animals make sounds. =A0 what does music represent. it is melody prosody, info=amtion both verticaland horizional. chords melody. = as it is generated from the brain can it be reversed engineered and used =o probel the workings of the machine tha created it. . listei=g to a flute, and its tonal quality from the sound analy=isi , a long empyt tube can be postualted. but thats only its =tructure, rythms are a product of the player not only th= structure. do german marches provide insite into a german mind. =A0 is it organized regulaid. beats that range from 30 - =2 bpm. do afro americnacs. think more like jazz.=C2 somewhat off the beat. (humor. unpredictable movements =aking it harder for a german to tackle down the field. .) . =A0 why do soldiers march further to music, runners run f=rther. . A symphonic structure is theme repe=ition vaitaion on the themes conclusion. the same dictum=given to public speakers. tell them what you are going to say,=C2 say it , tell them what you said.

3. mathematics is the search for truth. algorithms that do not change there result with the passing of the day. . 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 =A0 . requiring a beginning and an end therefore measurement lives in time space. mathematics is the search for truth. =C2 I postulate that Biology and biological systems differ from mathematics because it 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. =A0 . 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 systems 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 what is the entity . the cell . the organ , the organism . the community =A0 on and on. hierarchical nested systems. at every level decision 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.. quorum sensing game 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,

=A0 we know the language/ we need to do the same now for biology, what is the language of the cells. do they communicate with proteins, . what are they saying to each other, is the language encrypted , does each person have his own code. =A0 is it chemical or electrical or both. or physical like the shape of the protein fitting in a lock, or combination of all three.=C2 the protein fits. the electrical is fired, etc. does the brain send a message. what does medicine do. does it fool 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. =A0 so that a listener cannot do damage. . why not attack the bio language the same way as speech. have NSA work on decrypting the difference in signals from a cancer cell as opposed to a healthy one. we know that cells send out messages =A0 , am I in the right place. if they get no answer or the wrong answer they are programmed to commit suicide. when a foreigner shows up in a neighborhood that is hostile , he is surrounded. killed and moved into the trash. he can masquerade as a local. how can the other cells tell. =A0 can they ask him who won the world series. ? . maybe an equivalent. friend or foe, ? decoding skills find it difficult to decipher if there is no repetition or action that is the result of the message. the famous example separate from Hitler at the end of the message (anecdote or true). to break a code that was received from the Germans the allies planned a bomb in three cities all set to blow at the same time, they thought that the word for bank or bomb would be in the message for the day. . or so the story goes.

money what is it . is it a mirage that disappears when you look too closely, =A0 can you have money without debt, is it an accounting system. what and why of interest. was it for small communities. ? with the same currency, what is the difference between currency and money, what is the meaning of value, ? cost. market. what is a derivative, futures , stocks bonds, options, convertibles. how does trust fit in, can you have money with no trust. in each other in an institution, =A0 , what is credit, is it different than money, , social contract.=C2 reputation. economics. . currency exchange, bitcoin= zero knowledge proof. ,

intelligence. ? =speed of thought . algorithms empathy, creativity , survival.=. is it a limited resource

distributions, =A0 power laws. biological agents. networks. is gravity merely a restoring force. . Pareto . Zipf, normal. why are things distributed. central limit theorem randomness. =A0 etc.

power physical financial, intellectual, political. its uses. dangers
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=A0 please note

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