

"Knowing yourself is the beginning of all wisdom."
— Aristotle

Is there a simulation for a thought experiment of who should steer what desirable?

Author: Valeria Gyenge, gyenge.valeria@digikabel.hu

Introduction

"How Should Humanity Steer the Future?" question seems very simple, but words as *humanity* and *future* should implicate meanings what difficult to construe exactly at present. Everybody has both implicit and conditioned thoughts, what is humanity and also what is future. However, neither of them is so evident in our modern world.

Our present thinking filled with such confusing thoughts which fundamentally query whether we are natural human being, or we are something else creatures exposed to a research of advanced beings. Also there are hypotheses and even academic level debate whether we are living in a kind of *computer simulated world* bearing humanlike bodies. Whether we are just an *illusion*, our reality all we are experiencing both our physical existence also our thoughts are mere results of a *dynamic virtual information processing*. Whether we are *it* from *bit* compositions of objects with properties and methods used by varying programs, and/or our real life *it* may be modeled for scrutiny in sophisticated simulations based on *bit* or/and *qubit quantum entities even so realistically experiencing themselves being physical ones too*.

Supposing a truly realistic computer simulation, in which we should be as present us humanlike creatures, it requires an original real life environment existing outside the simulation. There can be real living persons creating a kind of test surroundings in which they can act as own simulacrum. The simulation supposedly can be capable of altering the environment, varying roles, even more genetic look and arrangement may be changed. There can be a simulation established using a single person's brain while his body representing for him his reality is a simulated environment. Probably an operator is listening from outside through a kind of brain interface how the brain processes thoughts during conceptualization of his reality, which is a virtual simulation of his body and how he can interpret the reality by very sensual way. The processed data can be gathered by a kind of computer for later evaluation and/or can be back-coupling for the operator's mind-body complex. In this simulation the operator can use his own brain and body for test purposes or can use a test subject. There may be further goals to establish simulation scenes to examine how one acts and reacts for certain situation. A next step can be studying how one can vary own understanding for creating his likeness and trying to assure a continuity for himself keeping the relevant gathered information for acting suitable and requisite by governing laws given for a changed environment. There can be else type simulation established where a person or group involved using his/their own brains with consciousness relocation into simulated bodies in a virtual environment. Also in this case possibly they control the simulation from outside.

Creating both types of simulation however requires very deep understanding and fine-tuning how one's mind-body and consciousness comprises a whole complex coupling with the outer environment and inner processing for any realistic interpretation.

At best supposition, the original ones initially should create simulation for common betterment releasing development results when adequately tested. Likely the original common people never have been planned to be direct partaker in either type of simulations. But the natural beings and masses should be a kind of virtually processed environment and people. Maybe a simulation needs to examine extremely polar conditions too. Unlikely ones create such beings for a goal to finally overcome the original them. However that can be also tested what if a life form tries to gain domination over the original. Surely, there can be a plan stopping a simulation at a certain moment if the things should go wrong, either by an intervention from the original environment, or from inside the simulation. The latter surely requires some ones in the simulation to be able to recognize they are in a simulation and how they can be able to get back their original. How much realistic can be both the environment and rendering a genetic appearance similar as original for someone to be able to realize he is in a simulation depends on probably a kind of very special technical solution, which is capable of at least real-time virtual information processing for realistic genetic material arrangement where the original one involving own mind-body complex can coincide with the simulant one, and both structures can vibrate at same level. Likely it is allowed for one or those entities being inside a simulation to create further simulations during an inherent development process. Thus, there may be further embedded simulations created either realizing to reproduce the original or without it, but meanwhile got several knowledge allows creating new type ones. Unfortunately an error, unadvised or ill-intentioned incident should occur of which result both the simulated and the natural environment should become intermingled. As much as realistic can be a virtually processed simulation environment so difficult to tell and recognize whether one is simulant in an embedded simulation or an original being or only a virtually processed person. *The used hardware for a virtual environment processing simulating a body not necessarily means using such computers as we know and use them nowadays.*

From our present point of view, how a reality simulation establishing can be factually reached recently there are explained types Brain-computer interface, Brain-in-a-vat, Emigration, Virtual world simulation, Virtual solipsistic simulation of which base mainly assumed science fiction. However we already have peculiar technologies developing BCI a brain-computer interface, often called a mind-machine interface (MMI) synthetic telepathy interface (STI) etc. The goal of Human Brain Project is to simulate the complete human brain on supercomputers. The Blue Brain Project is an attempt to create a synthetic brain by reverse-engineering the mammalian brain. This simulation runs on Blue Gene computer and does not consist simply of an artificial neural network, but biological neurons sample too. There are also online role playing games. SimCity, and Second Life are for strategic analysis. There is a renewed view exposing every living organism functions not only at material level but comprises wave/fields, so DNA can act as a wave bio-computer capable for transferring genetic information even at quantum level. There are esoteric treatises publicly released until available only for initiated ones, and certainly such covert projects too which are subjects of conspiracy theories.

Because these thoughts emerge, even more nowadays technologies can give an acceptable proof for at least BCI and Brain-in-a-vat type like simulations can be fully achieved, *there is a very high probability that present us is able to reach creating such simulations which should overcome what a supposed original ones perhaps never thought and done.*

How far is a step in the future creating what kind of simulations or already have done in the past? Are we creating them in our present and we need to fully realize how we are as present us meaning humanity involved? Whether are we able to comprehend our place realistically fundamentally querying there is anything real? Is there any natural life at all? Are there natural or what kind of type (e.g. supposed divine) beings existing before present us, who have more advanced knowledge suggesting they are years ahead after present us? Are they very natural being, probably humans from the future or from the past or just they are in very PRESENT?

The *average present human* who simply is living his ordinary life surely doesn't deal with such questions fundamentally. However the masses is equipped in our present consumer society with such technical devices which help the life on several fields and interconnects people almost truly at 'bit' grade. The common life is so accelerated as how the processing power grows provided by those electronic devices. It is apparent there need to be a change in the environment biology too to handle and adapt to this speedup. *How intense is this changing natural?*

Furthermore, anyone seemingly average human also has the capability for thinking and understanding. Presumably large number of them does not read the details of technical materials of present science and philosophy, cosmology. However we all have several conditioned thoughts laid out by those as a body of social information complex. Additionally we also have individual inherent knowledge of things deeply buried in our genetics. Both the knowledge and understanding may be altered basically during thinking process, by advised study gained through present established educational system, done freely one's own interest and scrutiny, influenced via mass medium. Furthermore, there may be special sort of information getting and altering methods attributed to parapsychology, such as clear sight, clear hearing, telepathy, channeling, medium ship, OBE, NDE, just a few of them. Even if those peculiar abilities uncommon for mainstream scientific scrutiny, due to those things come from using a physical body in the meantime, there may be quite technical modern scientific explanations implied concerning quantum tunneling, quantum nonlocality, neural networking very connected with a possible genetic ability or changing.

Additionally we can watch several films suggesting we are not the only race in the vast Universe, we can see high tech instruments explained by very technical terms. Those cyclically screened popular films such as Star Trek, Stargate, and Matrix become often cited in the present open minded scientific community. Fringe suggests two separate but both factually very 3d physical realities existing parallel, somehow traversable and which can eventually collide, shows up several areas of fringe-science, transhumanist experiments induced destructive technological singularity.

Watching Eureka TV series one should feel quite realistically shown a possible panorama what kind of serious technologies can be accomplished amusingly exhibited in this movie, but even so very technically most closed to the present modern science. What worth to mention, these films are created by persons likely not coming with strong academic or present open minded science practitioner background.

We have been developing or having revised theories in science mainly in physics, informatics, mathematics, biotechnology, genomics, neuroscience with several of successful experiments to prove those facts which are actually working, we can be able to create simulations for testing whether how should certain things work, meanwhile we are capable to attain technologies which can greatly enhance our intellectual, physical, and psychological capacities.

Obviously, because we are able to create simulations it has empirical evidence a simulation can be created. That is not so apparent but a logical next question, *whether are we the first ones who is capable to create simulation or we should already be in a created one?* Even if we take this question seriously or not, we can act for to recognize our ancestors' know-how to regain back engineering their knowledge, meanwhile we can be able to create simulations based on our actual knowledge and inventiveness even for overcoming the supposed original one, *but yet presumably not knowing or understood the fundamentals quite clearly.*

Who can steer what, how and why?

Any of possible answers can be quite uncertain at the moment. At our present situation we need taking seriously very problematic to ascertain our *present us* real position being (1) *original*, (2) *simulated*, mere (3) *illusion*.

If we are just an (3) *illusion* we supposedly should not steer anything, or we can steer everything. We should be able to get a picture of all things or nothing. In this position we are in an absolute exposed situation because either one can steer one or things or not, all made by illusion. The problem is in this state everything can be real even not at the same time. It is a very dangerous illusionary reality even so can be fairy, but being been in a very real existence. Likely, it is uncertain ever answering the question correctly.

If we are a (2) *simulant*, we can reach a stance at least questioning whether we are real or not. But, that is not the right question even when the problem is well recognized there is a task to seriously deal with the identification of us. The right question is whether we are simulant or original. In this disposition we should have at least a hope questing for our original. So, we should steer the process of our recognition, our identification how we are a kind of ideal or several else manifestation of our original. Furthermore, we can make decisions for abandoning a look for our original and continue our living as simulants generating further embedded simulants. The latter case a result may be remaining uncertain again ever answering the question correctly, but continuing a *program* which at a worst end can result a total taking control over us.

If we should get somehow a certainty we are almost our (1) *original perhaps we can decide intentionally and consciously what is worth to steer, how and exactly why for.*

There may be more complicate implications, supposing we are already in a simulation. Assumable some of them involved are already able to realize they are in a simulation and feel a need to go back to their original, but there are problems to get it. There may happen the original ones cannot be able to intervene into the simulations, only at a certain moment. For example, it can be when an embedded simulation bubbling both upward and downward is able to reach almost the original know-how, so both the most outer and inner one can be stopped at a so called proper time implying an event concurrence. There may happen the originally started simulation has already been stopped, but the embedded simulations are bubbling yet, even those can be merged meanwhile. Thus the quite original ones need to wait until there are ones in one of the embedded simulation realizing they are in a simulation which can go wrong and able to stop the simulations inwardly. There may be further complicate deliberation how to intervene either from the original or any of inner ones. It might be an odd problem if the original simulation never has planned to be known for the masses, but the virtual and natural environment has become unfortunately so intermingled which could create huge unexpected genetic mix also mutations, technology mess which could bubble up and down even either effecting the very original.

It seems, at the present moment we can only guess. Quite likely there may be very advanced beings probably humans initially possessing vast knowledge who either toy and use us as a natural archetype keeping present us in an illusion at our apprehension, and/or they also research for to comprehend themselves. Testing their capabilities, widening their frontiers for which they should have created some kind of test environment, a sort of simulation using their natural properties as archetypes but expanding that with a kind of virtual dynamic information processing method. Supposable, if there may be an unexpected event which may result a mixing of simulated environments with the natural one its effects unfortunately are cycling and bubbling too. But if, there are such advanced beings among us almost aware of what is happening truly, in best case we have hope their positive intent is, to figure out *how to maintain a sustainable development even keeping their origin and somehow repair a fault, if there is.*

What is the best state that humanity can realistically achieve?

That should cause an impossibility to answer this question assuredly if we are in doubt whether we are real, human at all, whether which us is real where, when. Despite we have vast scientific proofs, technologies created based on our thoughts and acts, unfortunately those all are just only speculations of our present situation. *However, all created by our thinking process of which subject supposedly is a research, scrutiny of exploring not only the universe and its fate independently from us, but very connected by our own thinking process and physical existence and its possible maintenance on a non-destructive way.*

The masses not dealing with such fundamental questions also is using thinking process for exploring probabilities for steering the fate striving on an everyday life base.

Those who are in position for steering the technological, ideological advancement have a strong influence regulating the social environment and group consciousness how a reality should actually work at a very physical and also non-physical way. Surely they need even more responsibility to consider *what worth to do with our gained knowledge about us, how to make right plans and decision for a sustainable development without unnecessary self-destruction.*

We need to consider too, the technological advancement we do for our betterment unfortunately can take against us, if we cannot keep healthy at least optimally our own thoughts when bringing forth new ideas and also during the process of accomplishment. However it is also worth to consider, if we want to control every thought eventually we can become our own autocrat oppressor.

In an utopian manner, probably we can create artificial life environment for our survival saving us from our faults, which can be governed by very sophisticated laws, steered by a self-learning quantum supercomputer. But, realistically keeping our human likeness at the very first creation it requires some original human DNA sample. This governor entity either should want to remain in respect for his probable origin and creators or may totally overcome it/them. *This kind of supercomputer cannot be made without us! So, the decision and the responsibility and every consideration are ours!*

Are we on the verge to do this? Are we about to create this kind of simulation? Or are we already in a kind of simulation which is governed by a supercomputer, our minds have already been uploaded, and we are a sophisticated genetically arranged simulation of late humans? In the latter case sayable, while there is an only person querying he is not an artificial being there is a hope we are not completely locked or lost in an utmost artificial governor. Or at least this governor wants yet to remember to his origin with a respect for his original life form or his original creators.

Due to only humans are able to create any artificial being bearing resemblance to them we have yet a chance to decide how to use our vast knowledge creating life forms living with us in creative helpful way, meanwhile we can keep our human origin. Presumably such technological achievement can far exceed what the original creators of a supposed original simulation ever wished to do.

Because we all creating something at several of levels not only in our mind, but also physically manifested depending on and added to how actually we see and apprehend our reality and our potential probabilities, sayable *every one of us responsible for his thought* at several of levels. At least to embrace this may be an adequate state.

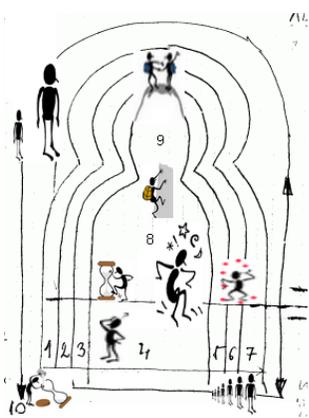
Bringing back a right model and making probable successful plans

The thinking allows us to grasp the world what and how we are experiencing. Usually it is made by establishing a model which helps us to know, understand. Even more we should be able to simulate the subject we want to better recognize. The thinking process also provides us a capability for making plans what to do with our knowledge.

There is a misunderstanding that conceptual models exist only in our mind without a physical representation what we should like to conceptualize. This long standing misinterpretation can lead us farther and farther from truly understanding what we are doing and creating factually exists in physicality but simultaneously using our mind. This false rendering also should entail us to separate the mind-body.

Also there is yet a misinterpretation only the brain is responsible for thinking and only the brain contains our memory our mind is put equal with our brain. In computer terminology it is something like a computer consists of only the processor satisfactorily enough for doing computing without the attached peripheral devices. The human body seems only a serving apparatus. This can lead us drawing such truly evil consequences someone's brain conserved can be attached to a kind of artificially created almost humanlike body bringing back that person knowledge or identity. Even if there can be an original simulation established mentioned Brain-in-a-vat type similar to this conception, we need to discern that is quite else in its original meaning and accomplishment. Because the original concept of this kind of simulation is a study based on a natural living model of how the man is interconnected, functioning as his entire inner outer universe. *This original simulation is for extending the recognition process with natural based virtual processing, not for separating one from his head or using his knowledge attachable to an else body.*

Factually the entire physical existence exists at several structured levels at the same time the mind also exists containing own structured imprint. The consciousness also inherently exists at several levels permeating the entire structure. All information about oneself given instantaneously, at best there is a separation between states how one can perceive himself and how his consciousness going through those states doing an interpretation recognizing his states. The light being as a pure existence not a standalone entity independent from a physical structure, but the concept which is an instant imprint about an entire physical body structure what the mind is able to apprehend at a speed of its own conceptualization instantaneously and it may be named light, or anyhow. The mind conscious conceptualization works real-time and instantaneously imprints the results both on the body and mind thus in this kind of state of existence everything can happen just in time factually without time dilatant. One should know all and act instantaneously, but he is not able to consciously estimate the effects of his deeds and is not able to remember only for short time. One has no conscious awareness and so called long time memory reading back and forth capability even if just all one experiences impressions are imprinted and written instantaneously in one's genes and also his mind or so called light-bodies imprint.



The mind never is separated from one who actually uses his mind to establish a concept to understand that what a concept can model. There may be states of one's physical existence and also his mind which one cannot comprehend entirely being physical or nonphysical. But at the same time his consciousness can be so focused what actually can interpret itself a kind of point-like entity as a concept going through his own mind and a whole database contained in his genes. Factually one's physical entire body also exists when he is just thinking about a point-like entity and moves along for example a hypothesized world line. At best who conceptualizes this either is able to apprehend the simultaneous hyper plane of its own existence as timelines maps what he thought and done all about as his own history given him as present or not.

We need to realize everything we do and think is in present instantly both material and immaterial factually in no space and no time. The man is a complex universal structure of being who has an inherent capability to conceptualize his both non-physical and physical structure and all possible changes of his structure even he can direct his path what to do with his knowledge, thus equipped to create.

1. The striving quest for the *ultimate reality* is finding the answer in a very simple question. Is *reality real*? The answer involved in the question. Yes, the *reality is real*!
2. Is *existence exists*? Yes, *only the existence exists*!

How can we prove the reality is real? Need to be proved something real if that is real? Need to be proved something exist if that exists? Need to be proved the existence exists and real?

We need not to prove our existence! That is a fact and so real as is! The existence does not come into existence either by Bing Bang, or God Creation. The existence unconditionally exists!

The man creates his all concepts about his reality, and also how the reality can be changed or steered! The man's potential is in himself. The first step to accept without more questions, the existence as a fact exists and so real as it is. The moment experiences the only proof for one or anything exists.

What truly *move and changes* the *thinking process* what is how the consciousness going through to apprehend an unconditionally existing natural complex which contains every natural part inside and projected outside at the same time. Only the consciousness can identify anything to be part or whole. The consciousness really can exist without a body complex, but just it means only so focused no-thing to be observed, otherwise what to observe and identify without a body complex. The body complex also can exist without conscious apprehension identifying itself. Just all that is!

The MAN as a model of the Universe

Let us to think over and seeing through being been inside-outside the *MAN who is a cosmic organization*, a complex arrangement of a physical body structure simultaneously existing with his mind and consciousness. He represents the whole universe built upon the unconditional nature outwardly projecting his inner body complex. Neither the nature nor the universal MAN had been created, coming or brought into existence by GOD or else. Unconditionally exists, self-regulatory, self-coherent, self-referent by itself. The *MAN* also is group entity at very deep level of his cellular makeup. Similarly as a social complex also its parts can act together and individually. The *MAN* is functioning as a cosmic whole. The entire cosmic complex as a MAN's existence is a literal just in time in-formation containing both physical and non-physical characteristics types of things.

Only MAN is able to think contemplating his own existence even more he can change his natural form. The MAN is the only model for his own understanding how the universe as his both outer and inner nature both physical and non-physical works.

Due to the inner structure projected outwardly thus, the *objective* reality contains own subject to be examined which comprises the whole at several scales. The consciousness is an inherent non-physical attribute capable for abstraction of any type of his part which instantly may aware of his actual state. So for example an atom or any tiny part of him can construe a catch up realization what he is. Frankly, a quark, spark, flame anyhow phrased can contain its knowledge about itself at whole scale.

The MAN built upon the nature thus its inner gene structure contains the stratum of beings contained in the nature. The man also is a social complex to cohere itself. In the projected environment as his genes can act similarly as members of a society operating on structured levels.

A natural civilization can be very advanced because all parts of them know about instantly their whole scale structure and have knowledge of it. An idealistic even so realistic civilization based upon the whole cosmic structure of the MAN containing inside own nature operates real-time projecting itself outwardly and all happens inside can be in a counter effect from outside. From the basic building blocks of natural elements fire, water, air, ground, and ether to several of combinations of them all are in unconditional movement arranging to hold the whole structure in an optimal stability. However it involves a continuous devastation and building. Owing to the consciousness is inherent and the whole structure operates at a social level too so the fluctuation gaining power over devastation or building by consciousness can be steered voluntary if the working of the structure is well recognized and follows the natural inherent trend how the entire structure pursue his way keeping itself in an optimal balance.

What are plans worth to implement?

Our present has vast knowledge also technologies which allow us doing a desirable arrangement using them balanced with our inner nature and the outer nature. A driving intent for an intelligent being also in an advanced society should be to keep him in balanced and healthy as the nature can do unconditionally. We at best can learn from the nature recognizing our inner outer nature its unconditional interconnectedness. To overcome the nature or conquer the cosmos should mean creating an autocratic power over us. We all have a creation power to do with best efficiency at that place where one is, and so important his work as how a healthy organism can keep itself as a whole. Neither the cells of brain are more important than any else cells due to their co-working can only keep an organization together. If there is a first simulation it should give us a moral and understanding we can use our body and mind in a natural interconnectedness, we can create things for better decision making and memory extension. We are too who should decide whether we want to remain organic natural being or creating artificial us not necessarily better, but that finally should end controlling us without free-will.