

DISORDER IN COMPLEX HUMAN SYSTEM

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Since the world of human and whose life becomes more and more complex every day because of the digital technology and under the storm of knowledge (media, internet, governmental and non-governmental organizations, etc...) the simulation is rapidly growing in the social systems and in human behaviors. The formation of the body and mutual interactions are left to digital technological, communication mechanisms and coding the techno genetics of the body. Deconstruction begins everywhere. The linear simulation mechanism with modern realities are replaced by the disorder simulation of human behaviors with awareness realities.

In this paper I would like to introduce simulation theory of "Disorder Sensitive Human Behaviors". I recently proposed this theory to critique the role of disorder human behaviors in social systems. In this theory the principle of reality is the chaotic awareness of the complexity of human systems inside of principle of modern thinking in Baudrillard's simulation theory. Proper examples will be also considered to investigate the theory.

Keywords: Complexity; Simulation theories; Cyborg.

Introduction

Modern thinking ideology (modernity) defines human systems (society) as complex and far from disintegration, but also limits the dynamics of society with paradigms dependent on modernity. As a result of this limitation, disordered human dynamics can not have any contribution to the progression and sustainable development of the society. On the other hand, establishments and unitary organizations which are purified from their disorders by modernity, determine the progression of the society.

With the objective of humanity's normalization (modern life), modernity isolated the disordered and/or unorthodox human dynamics from politics, law, science, philosophy, religion, morality, esthetics and art, while reforming the historical process of the society. Modernity called this process "enlightenment" and the reformation (linearization) and redirection (normalization) of this process was called "the history of humanity".

Meanwhile, modernity considered complexity, disorder, chaos, uncertainty, coincidence and surprise as the enemies of its domination since the gaining of its power. It worked to isolate the dynamics of these concepts from the behaviors of human beings by re-defining

the concepts such as prostitution, homosexuality, fortune-telling, witchcraft and addictions, and excluded them by using some illnesses defined by the modern medical science, such as madness, schizophrenia and hysteria.

And it has isolated people who opposed to its authority in various places, used violence against them and even destroyed them in different ways in the name of linear and normalizing constitutions such as law and justice. During the cold war, in order to expand their hegemony, two super-power states of the era declared “searchers for new ideas” as potential criminals of the humanity and science, and suspended those who opposed their constitutions and hegemony from the academic environment.

In the 1960s, emerging events, which would shake the hegemony that the modern domination had been trying to establish for 400 years appeared one after another; while the claims of the western world to be the progression of a predictable and rational human history began vanishing. Their mission in re-writing human beings’ behaviors, economical, social and political constitutions, history and psychology with quantum theory -which was thought to be the wonder of modern science- did not work out. On the contrary, they fell in their own quantum traps as quantum metaphors triggered the emergence of radical and weird ideas that modernity had previously altered.

Thanks to the journey to the moon, it was seen with bare eyes that the world was a living organism and that every part of it was significant (environment philosophy). Secondly, the spread of information exchange accelerated through internet and media. Most important of all, in prestigious universities, chaos theory had proved that Newtonian mathematical technology had narrow and limited applications.¹ This revolution opened the way for non-linear thinking. Metaphorical paradigms such as simulation theory, complexity, coincidence, self-organization and surprise became significant.² The hegemonies of simulation mechanisms such as nationalism, science, globalism, realism, as well as religious and ideological dynamics rapidly started to lose power.

Post-Modern Science to Post-Modern World

We are living in a new age of polemical nature. The differences between those identities which were used to spread the hegemony of modernity are getting meaningless, and information theories which were presented as global thoughts for years have been easily demolished and redefined. Increasing number of social and psychology scientists and philosophers, called post-modernists, criticize modernity while being well equipped with Western knowledge.³ Polarized classes such as old vs. young, women vs. men, alive vs. dead and bad vs. good will be completely replaced and will eventually disappear in this new age; leaving a world virtualized by simulation and devoid of its reality. Such a simulation world has already started and this progression will end with all of us being trans-sexual cyborgs (human-machine crossbred) as metaphors.

One has to remind these post-modernists who are set out to new journeys without leaving their modernist compasses aside: what will they find for us and others at the end of these unknown journeys, what will they hear for those who they define as easterners and what will they see for those who did not have any role in constructing the modernity.

One has to remind these post-modernists that the simulations of identities structured by modernity's impositions, such as the one between transsexualism and the cyborg body, will never replace reality.⁴

The following facts can not be left unnoticed: we are living in a world where people of our time, whether they are white or not, westerners or not, civilized or not, are surrounded with a complex web of civil societies, national-international organizations and digitalized information. In this age, human beings constructed by machine-like bodies (cyborg) are losing their object status. The behavioral dynamics of bodiless systems are becoming virtualized and the hyper-reality part in the simulation world of these dynamics is rapidly expanding. The external part of the human being in the world is gradually building a complex whole with its surrounding and this complexity is flowing inside its body.

The Simulation Theory of Disorder Sensitive Human Behaviors and Critics

Cyborg is not only a machine-like body, it is the crossbred of a machine and a human being. Even the view of a cyborg, in human being classification of Schopenhauer⁵, being completed with the will (meaning spirit in Human being classification of Aristotle, meaning mind in modernity) of the identity of a human being is a submission to the ideas of the modern domination in today's world of more and more complex human beings.

Recently, I proposed a simulation theory for complex human beings and the society.⁶ Following this theory, one can state the machine-like body (its possessions and representations) with will (identity, spirit, quantum consciousness⁷) and external beings (culture, traditions and beliefs) form a complex human system, and this can suggest the paradigm that complex human systems form a chaotic awareness. This "chaotic awareness" will be the reality principle of disordered simulations of a cyborg emergence in a cyborg world.

In this theory, emergences unlike images (simulakr⁸, do not happen with the concern of demolition, and while reacting to a reality do not claim to have a continuous surreal contribution to civilization (the domination of modernity). On the other hand, small differences in the reality principle of chaotic awareness will cause major unpredictable differences in disordered simulations. They are the essential (chaos edge) transformational dynamics not for the continuity of an emergence system, but for the replacement of a previous state by an unidentified structure. From this point on, when cyborg emergence is considered, one can presume that cyborg emergence will play a more important role in the change and transformation of a complex cyborg system;

especially in times when the human body becomes more machine-like. Cyborg, in its new perception of existence can gain freedom due to cyborg emergences. Cyborg emergences can discover the other part of the human being belonging to a pre-cyborg age. They can also cause the human being within cyborg, which prevents the cyborg from losing its will of living, to commence new unpredicted fractal journeys.

This statement only is enough to realize that for the future there is only one solution for the software engineers of a globalized technology. In the software they submit to their bosses they will include: to demolish the human being within cyborg by rapidly mechanizing the body of cyborg, and to prevent the cyborg from observing its body by breaking its relationship with external beings. For this reason, the simulation mechanisms of Baudrillard that they had once developed to control human beings and their systems are being replaced by consuming dynamics dependant on globally marketed high technology. They use all of their power to transfer the contact of human being with its own body and others' bodies to digital inter parts (interfaces). They are coding the techno-genetics of the body. In a virtual world, where the project of turning the human being into the other is in action, they do not feel any risk about the disappearance of the awareness of the local values by making the human being more machine-like, while using the same values that they once tried to identify as the other. In order to take these actions mentioned, their dependency on energy is rapidly increasing. Unfortunately, our world is on their side; it has unlimited energy sources such as wind, nuclear and solar. As long as this energy production increases to achieve the phase equilibrium, it will be unavoidable for proportions of machinery to increase so rapidly that it accepts the human being within the cyborg non-existent. For this reason, they have transferred the developmental methods and technological projects of forming a cyborg-like being, as well as the control of a cyborg's communication and behavior to a new science called "cyborg science", which claims computer as a paradigm.⁹

Image (Simulakr) and Emergence in Cyborg Bodies "Cyborg-Like Cyborg Scientist" and Post-Physicist

Modernity always saw enlightenment and science as the most imposing and glamorous constitutions and used them openly in its border expansion projects without any hesitation. Today, while all the identities given by the modernity are diminishing, one can not claim that intellectuals and scientists will stay away from the cyborg metaphor and lose the identities that they had gained possessions with. Particularly, one needs to ask: will the reformation of a physicist's body show such divergence as in the example of an invading USA soldier in Iraq vs. the resisting suicide bomber? Their bodies represent the same technology with the digital equipment and the bombs they carry. The American soldier shows predicted physical behaviors under the influence of camouflaged simulations of saving humanity, bringing justice and peace for humanity; the concepts which he believes to be his possessions (ordered simulation). And resisting suicide bomber shows behaviors of chaotic awareness that comes from a culture and tradition

that due to historical facts did not play any role in forming modernity (disordered simulation).

The complexity that arises due to the impact of an emerging body on his surroundings acts as a source to the freedom dynamics of modernity's domination that has non-linearity within. Western civilization with its domination, contributes to the rise of personal movements which resist its global hegemony and/or formation of new civilizations. One can observe under the light of "disordered-sensitive human behaviors" simulation theory that the techno-shaped force against human body can not be only evaluated as a clever control of the human body through media with global dominations or through alienation of the human being from himself and nature.

For instance; how far the physicists will resist the reformation and mechanization of their bodies by the thinking methods and scientific ethics that they have claimed to be universal since the time of Galileo? They clearly know that, with or without their will, their bodies have been already mechanized with the most illegitimate divergence, and in those bodies, genes of globalization and militarism have been rapidly increasing.

Many scientists work for a big (powerful) science¹⁰, and show scientific behaviors with the motivation of progressing in science, under the influence of camouflaged simulations of saving humanity and bringing justice and peace for humanity'; the concepts which they believe to be their possessions. They can be stated as "simulakr" with cyborg science at the virtual world that agrees with Jean Baudrillard's simulation theory.⁸ Through Baudrillard's simulations, they will produce realities to cover up the hyper realities that camouflages their identities as scientists, which they will eventually lose. Their behaviors can be described as a hyper-reality; one which camouflages the true will (global technology) that is based on the reality concept of a modernist hegemony. This simulakr will remove the human being away from militarism, fast money exchange in the economy, big money consuming space and high energy experiments (powerful science), and it will camouflage the reality of searching ways to replace the human being by a computer dependent "cyborg scientist". On the other hand, cyborg science will demand from them machines that produce greater energy in order to get stronger and to expand their global domination area further.

According to the theory of Baudrillard⁸, physicists, who are not involved in the powerful science, can not be "simulakrs" as they choose vanishing. They can not be the hyper-reality of a simulation world, can not replace a reality in modern world, and can not contribute to the continuity of the powerful science in the simulation world. "Disorder-Sensitive Human Behaviors" simulation theory accepts this rising as a surprising emergence for the Western world.

According to the "Disorder-Sensitive Human Behaviors" simulation theory, the emergence of a different cyborg scientist (post-physicist) is possible; one who is interested in the complex whole and lives in a region like Middle East, where the reality

principle stands excluded from modernity and disorder-sensitive dynamics, fed by the non-Western culture and tradition, are still alive.

Post-physicists will not be the products of the cyborg science process, which is the project of reformation and imposition of modernity's hegemony simulated by the informational systems of international research and exchange centers.

The Manifestation of Post-Physicist

The manifestation of the post-physicist⁶ is written with the aim that physicists will not be a product of the concern of the exclusion from high energy international research, such as the CERN experiment which is camouflaged by the virtual simulation of finding "god's particle". And they will not participate in schizophrenically uncertain experiments for the global technology and energy domination. It is not manifested emotionally, with the expectation of scientists who will achieve freedom from global threat of cyborg science, be in search of new ways in all areas, and devote themselves to honesty with humanity and perversion with modernity, without any hesitation. The manifest, with the "disordered sensitive human behaviors" simulation theory, is a post-utopic text in salvation of the humanity as well as being a critic of the science world of the future.

It can also be stated from my simulation theory that the region, where the emergence of post physicists is possible among the scientists who are made cyborglike by disordered sensitive simulations with chaotic awareness, is the Middle East where Iranian and Turkey is placed. However, it should not be understated that simulation mechanisms of global science, camouflaged by the images of academic work, are also placed in this region. How can it be possible for post-physicists to stay alive alongside the ones who, as the copies of cyborg scientists, work on improving cyborg science using the own realities of this region? It is definitely not possible to predict the outcome of this condition, today. This region, having the complex whole for the emergence of post-physicists, also has the most versatile environment for them to stay alive. The number of scientists and intellectuals in this region, will even loose their ability to copy the modern world, living with the difficulty of finding models that are built on the basis of simulation theories of enlightenment and knowledge of colonists in order to control the divergence and change, that will eventually end the globalism of western civilization.

Conclusion

Simulation mechanisms of global technology and communication (media) will contribute to the process of undermining human cyborg. Besides, global climate change will make the human being within the complex whole of cyborg disappear, and also make the resistance of emergence, against the reformation and adaptation of new conditions of cyborg, diminish. For instance, when sea levels rise, the fish-human emergence, undeprived of human awareness might not happen, which is accepted as the first cyborg as Jean de hire predicted in his book in 20th century. This schizophrenic condition that

might halt the possibility of the emergence to stay alive will end with cyborg community, mercilessly throwing human being within themselves away. The very new cyborg scientists of energy vampires who think they will gain even more power from the world's unlimited energy sources, have commenced working on to control the birth and formation of cyborg. Undoubtedly, post-physicists too, will be cyborgs. But, they are our only chance to find chaos that will enable us to continue observing our machinelike bodies and nature as a human beings. People who refuse to be part of international big sciences that is formed to spread the new informational technology of hegemony and the unlimited energy production, who raise attention to all these with their acts can be called as ancestors of tomorrow's post-physicists. Therefore the modern world, in all aspects, has started the process of destruction. Virtual simulations are replacing the mechanical simulations of modern domination rapidly. However, I emphasize, referencing to my "disordered sensitive human behaviors" simulation theory that the destruction in the world of virtual simulation will not happen as the image, which only has the reality principle of western knowledge, opposing the expectations of post-modernists fed by the awareness of opening western civilization. According to my theory, emergences with the reality principles of chaotic awareness will play a major role in the destruction in the world of virtual simulations. The competition between emergences and simulakrs in the destruction in the world of virtual simulation has already started within the human, family, society, science, art and literature world, national and international constitutions. The most hostile of the conflicts between the emergence and simulakr is the war of civilizations which has a global scale.

The simulation theory of "Disorder Sensitive Human Behaviors" states that it is hopeless for post-modernity to lead the destruction in order to keep the western civilization strong. And Baudrillard's simulakr that replaces the reality, will not be sufficient enough for the continual progression of the western civilization. Referring to my theory, one can have hope for the emergence of long living chaotic awareness, particularly of post-physicists, for the chance of creating a new world where all living things and humans within cyborg can live in.

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