**I think I am In a Simulation**

When I was a kid, I had a certain kind of actions and thoughts about my outside world. When I played video games, I always tried to go beyond the boundaries of the game. I would look at the corners of the map and try to imagine what existed out there, or if anything existed at all. In those years, of course, I had no idea about computers and technology. Then I found out that the things I saw were a bunch of codes. The characters, the houses, the sky and the land are artificial entities created by someone. Of course games are limited in their way, for example it is impossible to act in a way that the person does not code a possibility of that action. If the programmer does not design the building in front of us, it is impossible to enter the house, simply because the inside of the house does not exist. We cannot see what is beyond the house, other houses, or perhaps just a void. On the other hand, when we control the spectator mode, a game mode that allows the player to move in any direction and observe the game map without interacting with it in any way. He becomes the God of the game, so to speak. In this position, the person can see the coded part of the game and the other part that is not coded. This makes me think: How do I know that my external world exists? Maybe I live in a world that is just like a game.

At first this sounds a little absurd, but as we go further into the question, the theory becomes more and more reasonable. Let me demonstrate the world and universe we live in. We live on Earth, a planet that is an insignificant presence in an infinite space, time and matter, namely the universe. It has certain laws and limits such as the speed of light or gravity. Everything we experience in our minds and in the world fits into the universe and its system. Nothing comes from nothing and goes to nothing. Everything is connected in a way that is constantly changing into something. Nothing disappears or comes into being. You may think that in a video game, say a simulation, unlike in our universe, it is possible to create or delete things. However, the same principle applies in the simulation, because in order to create new details or delete existing parts, the programmer still has to do something. Your Facebook profile can not turn into your Twitter profile because it's simply not coded that way. If a new entity is to be created, the programmer must first write code for that entity. Living things, for example, have a code, DNA, that allows them to transform into something, like a character which shapes according to its code in a simulation. Everything that exists in our reality is subject to laws of the universe, similarly an entity of a certain kind of simulation is subject to specifically the same simulation. About the order of things, logical and physical laws the reality is very similar to a simulation.

It can be said that the universe or numbers are unlimited and infinite, but how can we know? Although the human mind has a great ability to understand the external world, our mind is also limited. It is possible that our mind cannot understand some concepts and simply calls them infinite. I understand what it is like to be infinite, but I do not understand infinity. Let us say the universe is infinite because it keeps expanding, it has no limits. At this point, however, another question arises. Where does it expand to? Is there something outside the universe? How can we be so sure that our minds are capable of understanding the concept of infinity? The position in which we exist is so limited and far from a spectator mode. As long as my mind is limited, everything I understand and experience is merely an assumption. Without entering the spectator mode, if it exists, it is impossible to know anything about where we are. Of course, this is a controversial topic, and there is much commentary on simulation theory among mathematicians, physicists, and philosophers. In some ways, simulation theory does not tell us very much about simulation. With the theory come new questions, such as who does the simulation or whether the simulation is possible and whether there are more and more simulations, such as the theory of alternate universes, but that is not the topic of this article. The following will examine the possible arguments against simulation theory. The first argument is that there are limits to computation, there is no proof that a large simulation like ours is possible. We do create simulations with our technology, but they are much simpler and more limited than our actual reality Also, we are different from the entities of the simulations we create because we are conscious beings, while the characters we program are not. I think this is a good point for a counter-argument, but when I look at this argument, the first thing that comes to mind is artificial intelligence. In recent years, AI technology has developed rapidly, and its limits today are uncertain. We do not know if it is possible for an AI to feel or think like a human in the future. Depending on the advances in AI technology, I think the problem of hard consciousness and the argument of the limits of computation could have more answers, because if we create an artificial mind very similar to ours, then we will prove that it is possible to create a conscious mind, so simulation theory will become a more serious thought.

To run a such a large scale simulation of course there has to be an enormous computation power however I disagree since I am not sure about the existence of the things in my surroundings. Thoughts, feelings, actions, the things I perceive and the whole external world exist because I am aware of them. I do not think about whether or not they cease to exist without me, because my reality is a product of my mind. I am what I perceive, my personal experience is the reality. If I perceive an object that others do not, then the object is in my consciousness, independent of the mind of others. Even if I am the only conscious being who perceives that very object, it is part of my reality and understanding. It is easier to imagine the example I give: Some flowers have a coloration that is visible in the ultraviolet part of the spectrum. We cannot perceive it, but the bees can. So for the bees, this coloration is part of reality. The fact that we cannot perceive the entity does not mean that the same entity does not exist or is not real. In this case, the validity of the concept of reality is questioned. We assume that people have a common reality. Our concept of reality is in itself nothing more than a fiction. Moreover, we are not always sure what is real and what is not. When you dream, sometimes you realize you are dreaming and sometimes you do not. Most of us have experienced at least one dream that we could not distinguish from reality and dream was real. Even a simple event in our sleep can make us question reality. Thus, the simulation theory does not necessarily need an explanation of the computation of the whole existence. Existence of one conscious mind is sufficient to be in reality. We do not need to take account of the computation of others’ mind since we cannot be sure of their consciousness in the first place. The simulation does not have to be so large. Imagine that scenario, you become conscious at the time you read these lines and now stop the time. Everything you perceive around you is not real. Sounds, images even the voice in your head is an artificial entity. You assume that you have a past, a childhood with memories. Think of them like a story of a fictional character. All things you think you have to experienced are not real. Your memories may be created in a moment. Imagine you buy a new Iphone and you upload all documents that are in the old one to new one. Your new Iphone has images from 2017 for instance but you uploaded them seconds ago. If your Iphone has a consciousness it probably think that it has a photo from 2017 thus, it must exists in 2017 but you know the reality. What if I started to exist in this morning rather than 1997? How can I prove that I have been constantly existing since 1997? All the memories, events, feelings may be created this morning. To run a such small scale of simulation is possible maybe in the future we cannot differentiate the reality from the simulation. Until that time, my inquiry will stay.

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