Mobius Space

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"Verification failed, neither conditions satisfied. Unauthorized! " an echo repeats in his brain while he feels his head blasting inside of the cerebral cortex and his temples much pressured.

Enoughly annoyed by the sudden headache in the morning, Giotto is trembling on his bed but quickly gets up and runs into the bathroom. That sound never stops even when he attempts to wash his face again and again. It's like a ball bouncing around inside of his brain, and knocking out some memory.

A few months ago…

"Check out the new product of C pro-series cyber-tissues manufactured by CyberUtil embedded with OpenAI's latest model of GPT-β. Charles Transman, yes that first transhuman in human history, praised the better compatibility and appearance of the C pro-series during his trial in the press conference. With more than 55 percent of the world population composed of transhumans, what are you still waiting for, primitives? Join our transhuman family by clicking the link under my homepage right now!"

The astonishing new products by CyberUtil quickly arouses the trend of transhumanism on Youtube, X, and of course the forum for transhumans - CyberChat. With YouTubers wishing to seize this trending topic, they were almost the first wave of users of C pro-series.

"This reminds me of how people were enthusiastic about the Apple Vision Pro when it was just released. But you know, the time is changing and I am expecting our next generation products may attract more primitives to accept transhumanism." said a former Apple Vision Pro developer, now working as senior executive technician at CyberUtil in the department of vision component.

Charles Transhuman, with his body almost fully embedded in carbon (the material used for most cybernetics), vigorously waved his cybernetic arms to hit the volleyball and bounced it to a height of 20 meters, then he jumped exactly 5 meters high and punched the ball downward.

"This feels awesome! Imagine if everyone could have this ability in the future, how would we redefine athletes then?" Charles guffawed in the practice room for transhuman only.

He continued mumbling, "Humans will boast bodies, disease will be gone, scientists will more diligently each generation will last longer even forever, therefore the transformation will be beneficial to the entire human civilization. I couldn't see the rationale for primitives unwilling to transform their bodies to cybernetics." (Ferrando, 2013)

"They are just too conserved so they do not yet accept the ethical issue of it. We've known this since college so that's why we've founded this company right, Charles?"

"Certainly, that's why we've been friends since that time, Kevin. I've heard there's a lab conducting something that opposes our principle, that it aims to migrate humans to the cloud, or a virtual world. They are definitely behind us. Transhumanism is our future, and you know that right now 75 percent of the Congress are voting for my plan for human's sustainable development."

"We are behind in the race for human future, Giotto. Are you still firm about our goal?" A woman dressed in a white coat gently touched the only mind-uploading machine - "Cocoons"(Detective Conan 2002). Her name is Eva, a psychology researcher in Giotto's lab whose work uses electroencephalogram (EEG) to analyze the electrical activity of a user's brain while the mind is being uploaded by the Cocoons.

"Yes, I am 99% sure that Mobius Space is going to be a posthumanist world. What we need to do is just finish up constructing the model of the earth into the cloud." Giotto spoke in a

calm tone but it's not hard to see his worries due to stagnant work over weeks. He hustled to turn on and sit inside the Cocoons, then he asked Eva to inspect his brain activity while he planned to risk on the boundary.

"Giotto, I am warning you that if something out of your control happens as I monitor your brain activity I will transform you into the buffer area. However, it is not guaranteed that you will be downloaded as completely as before even if we have your copy in Mobius Space."

Giotto nodded his head but seemingly understood the risk and prepared for this for a long time. Giotto disappeared in the Cocoons, not physically but mentally to Mobius Space in the cloud.

"Authentication passed, you're welcome to log in, Giotto!"

Giotto looked around and found himself on a street in a city without any entities around him. He shaked his twist and a panel popped out. After a few steps of manipulation on the panel, a vehicle was summoned, or created in front of Giotto. He opened the door and sat in the back seat.

"Your brain acts within the normal range, no abnormal activity is shown. How do you feel?" said the driver, an entity created by Eva from reality.

"No lagging between my action with my body projection in Mobius Space. The coupling is as tight as in reality, and my body parts seem as usual as suitably embedded with my mind. The texture of the vehicle feels authentic. I guess my mind is correctly extended." (Kirch, 2019)

"Your response seems natural to me. Let me teleport you to the boundary. "

"No, drive me there. I want to see the change in this world." Giotto looked outside through the window as the vehicle turned on the engine.

"You know, I hate Charles talking about transhumans or primitives. It's like classifying the human race into distinct classes. Transhumans still have the ambitions and powerful weapons themselves to ruin human society. The global brain ought to be human destiny. Mobius Space is a self-organizing system that can encompass all those humans who are connected with the central unit of Mobius Space. But only one condition to meet…" He stopped at the last word. (Kyriazis, 2015)

"On the map, it indicates that the boundary should be in front of us, despite that it looks nothing strange, that's because our rendering system provides this illusion." Eva stopped. She took a paper ball and threw it toward the boundary. The moment it made contact, the object collapsed and then disappeared.

"Delete my copy in Mobius Space in case any interruption occurs. " Giotto walked forward until his foot touched the boundary. Fortunately, no collapse occurred but his body was no longer visible. Eva observed anxiously from reality as Giotto's brain waves changed, and unbelievably, the image of the brain waves appeared to double in amplitude in one second. It immediately shrunk back to its initial state, but the image showed an additional layer of wave. She guessed that a copy of Giotto's mind had been created in the cloud. In an emergency, she cut off the mind extension and deleted Giotto's data. She still noticed that an area is dimmed on his hippocampus.

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Giotto wakes up and no longer hears noise inside of his brain. In front of the mirror in the bathroom, he noticed that his body contains the tags "CyberUtil". After that incident, Eva has decided to be a transhuman, and to save Giotto from an unconscious state she asked Charles to transform Giotto into a transhuman after she's done with her transformation. Giotto sighs and

laughs bitterly, because he understands that now the society will inevitably transform to a transhumanism era.

"Conditions met, formulating Mobius Space…" a message was sent to the terminal on the cloud. In fact, after Eva deleted the cloud data of Giotto, the duplication of Giotto entered Mobius Space. However, this duplication doesn't contain the memory between the months after Giotto entered the boundary. A global brain won't form if a person inside of the system has control over the system, which indicates Giotto himself. Giotto indeed succeeded after he survived in the boundary and invited more people to upload, but he formatted an illusion to his copy in Mobius Space. He synchronized himself with his copy in Mobius Space, but set his memory to align with the current copy. Mobius Space thus is formed under the principle of the global brain, an independent world networking individuals together.

Notes

I have the habit of marking down any dreams that are so authentic that can't be distinguished from reality or lucid. The story began with myself waking up from a really authentic dream that was indistinguishable from reality. This story was inspired by several movies or TV series including Pantheon, HelloWorld, Upload, and The Three-Body Problem.

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materialisms. Existenz, 8(2), 26-32.

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