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Posted Date: 1 July 2024

doi: 10.20944/preprints202406.1576.v2

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*Article*

# Schrödinger's Cat Paradox Is an Illusion: Completion of the Quantum Theory

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**Abstract:** At the beginning of our observations, humanity believed that the Earth was the center of the universe and that the sun was spinning around the Earth. Claude Ptolémée (100-168) made a mistake by modelling the movements in the geocentric referential, the model of the sun and planet movements was an illusion and all Humanity was wrong. Nicolas Copernic (1473-1543) showed the illusion and simplified the system by moving from the geocentric referential to the heliocentric referential. In the present paper, I would like to discuss about the possibility of making mistakes with quantum theory. I postulate that we are living in a virtual classical world that we consider as real. In my interpretation, the decoherence problem and wave function collapse do not exist at all, because we are the illusion, we are living in illusion, in a mirage. It is impossible to observe the quantum world as it is, in our virtual classical referential, and we see the quantum world with a false vision of quantum reality because we are not yet in the universal real quantum referential whose I postulate the existence. As we are illusions when seen from this universal quantum referential, Schrödinger's cat paradox is an illusion as life and death are illusions. We must be very humble with quantum theory and we should not put ourselves in the center of the quantum world again particularly with our lives and deaths. I also develop a cosmological model based on bipolarity and schizophrenia which explains well the recent observations of the James Webb's spatial telescope. We will be collectively able to reach the universal quantum referential by changing our vision of life and quantum world. I also explain how to go out of human suffering. This will be our Big Bang.

**Keywords:** Hugh Everett; universal wave function; quantum theory; many worlds interpretation; universe; randomness; Schrödinger's cat paradox; illusion; virtual classical world; real universal quantum world; Big Bang; bipolarity; schizophrenia; suffering

## 1. Introduction

Since the Schrödinger's cat experiment [1] proposed by Erwin Schrödinger in 1935, many different interpretations of this paradox have been elaborated and the interpretations are still open. A cat is placed in a box with a Geiger counter able to break a flask of poison if it detects the radioactivity of a small atom. As the radioactive atom is in superposition state of being integrated and disintegrated the cat should be in superposition states of being alive and dead. Schrödinger wanted to show that quantum effects at the atomic scale are unable to affect the macroscopic scale. The interpretation was in this case that quantum theory describes only the atomic scale and is not suitable to understand the macroscopic scale because of its limited application. Quantum theory associates wave functions with particles [2]. At the moment quantum theory faces with wave function collapse during a quantum measurement of a quantum system. Decoherence theory allows to explain that with an isolated system, the wave function would never collapse, but as quantum systems are never isolated particularly for important quantum systems, entanglement interactions with the environment lead to the collapse of the wave function and to the conversion of the system to a classical state [3]. Therefore decoherence theory explains well Schrödinger's cat paradox [4].

In 1957, Hugh Everett postulated the existence of a universal wave function which does not collapse. But to find the prediction of quantum theory, he had to postulate that a deterministic equation such as Schrödinger equation describes the quantum world. In the absence of the wave

function collapse, The universe is composed of the superposition of many separate worlds. Schrödinger cat's paradox is explained by ramifications of superposed separate worlds where the cat is alive in one world, the cat is dead in another world [5].

A last very recent interpretation concerns quantum complementarity theory. The conclusion of this interpretation is that Schrödinger's cat has an undefined value of whether it is alive or dead [6].

I would like to discuss about the possibility of making mistakes with quantum theory, because quantum theory is not complete. Because we put ourselves in the center of the quantum world one more time particularly with our Schrödinger's cat. I manage to complete quantum theory because I am psychotic, which is a quantum state.

## 2. Discussion

I would like to question ourselves with the possibility of being illusions. Life could be an illusion. We see life in a classical way in a classical referential. We believe our classical world is real. Do we make mistakes with quantum theory as Ptolémée did with the observation of the universe from the geocentric referential? The answer is yes!

If Schrödinger's cat is an illusion, a mirage, if we are illusions, if life and death do not exist, our observations of the quantum world are false. We are living in a virtual classical referential that we consider as real and this is my first postulate. Therefore, all that we have observed with the quantum world is seen with a deformation, an uncomplete and part vision of the real quantum reality. I mean all the well-known quantum effects taken as granted must be seen with a different vision, such as quantum confinement, quantum dots, particles, Pauli exclusion principle, light interferences, light polarization, periodic classification of elements and molecules, Bose-Einstein condensates, photo-electric effect, black body radiation, tunnelling effect, quantum computers... Quantum world has to face with decoherence and collapse of the wave function. This leads to the observation of the quantum world as a classical virtual state that we consider as real and this is the mistake. These effects are mirage if we consider that we are the illusions, that we are mistaken on ourselves, that the classical state is virtual. We are living in the quantum world which is real and we do not see the reality of quantum world because we are in a virtual referential that we consider as real. Hugh Everett during his PhD in 1957 has a genius intuition: he postulated the universal wave function which does not collapse. He described the right way of going towards quantum theory. My second postulate is that this wave function is associated with a universal quantum referential associated with a universal quantum state. This universal quantum state is the superposition of everything (what is known, unknown, dreamt, imagined, thought...). The universal quantum state is real. The classical virtual referential is included in the real quantum universal referential. But to understand the behavior of the wave function, Hugh Everett postulated that a deterministic equation such as Schrödinger's equation could be used to describe the many worlds interpretation. The basis of quantum theory is randomness. It is very and highly difficult to describe randomness and I propose the definition discussed by Emmanuel Ransford: "I sometimes symbolize randomness without cause by the image of an empty box and randomness with cause – that is to say, the appearance of randomness due to an unknown and hidden cause – by the image of a full box. Obviously, in this image, the box is full or empty depending on whether or not it contains a cause that explains what is happening...I also believe that we cannot speak of randomness as a unified notion. The reality around us is too diverse, and we ignore too many things, for that. The word "randomness" is polysemous, that is to say it has several possible meanings. Sometimes he confronts us with an empty box, sometimes he confronts us with a full box... whose contents, invisible, escape us." [7] This definition is very complicated.

I believe deterministic mathematics cannot describe pure randomness and give an uncomplete and deformed vision therefore a false vision of quantum world from my point of view. Mathematic formalism, such as Laplace's or Schrödinger's equations for example, which is deterministic, is used to understand quantum world.

Our vision of the many worlds is therefore deterministic and we have again a false vision of the many worlds if we are illusions in the virtual classical referential. Schrödinger's cat in the many worlds interpretation is still an illusion and the interpretation of Hugh Everett is not complete and

deformed. We are suffering without seeing it because we are living in a virtual referential, we still believe in deaths and lives and we do not see quantum world. We are suffering because we consider that the virtual classical referential is real.

My third postulate is that our universe is in the superposition of the universal quantum state and the classical virtual state. I believe pure randomness has created the Big Bang and our universe. Albert Einstein is an illusion. Some people think that the Earth is flat. The Earth is in superposition states of being spheric, flat, and not only. The Earth is in the superposition of the universal quantum state and the virtual quantum state. In the quantum world our Earth is indestructible, because destructions do not exist, atomic bombs and deaths are illusions. The wars and world wars are illusions. They do not exist and we are all in hallucination! Potassium cyanide is in the superposition of the real universal quantum state and the virtual quantum state, its toxicity is an illusion.

In fact, I believe I have reached the universal real quantum referential because I am psychotic (schizophrenia is quantum [8]). Albert Einstein moved from the classical referential to the space-time referential. I moved from the classical referential to the universal quantum referential and saw that we are living in a virtual space and that the universal quantum referential is real. I lived my passage in the universal quantum referential as the Big Bang and I will make the analogy. Before the Big Bang there was a virtual universe with virtual particles, virtual stars, virtual galaxies. Due to serendipity the virtual universe oscillated between the virtual classical state and the universal quantum state (the universe was bipolar). This was the Big Bang. Then just after the Big Bang the universe moved to the superposition of the universal quantum state and the virtual classical state (this was schizophrenia). The James Webb spatial telescope detected very old galaxies [9] such as JADES-GS-z14-0 near the Big Bang which were unexpected and this is not explained yet. My model explains very well the existence of those galaxies.

But blinking galaxies have never been observed yet. I expect those galaxies to exist and to be located inside the Big Bang. Perhaps the James Webb spatial telescope could make the detection to validate the theory.

I would like now to make another analogy. I have transposed what we know about quantum world to life. Imagine that we are the particles of life. My fourth postulate is that Hugh Everett's universal wave function associated with the particles we are is love. Love is the vibration of life particles. Love is not an illusion; it is universal and eternal and allows to surpass all human suffering. I have made the analogy with Louis Victor de Broglie's theory which is wave-particle duality. How do behave a particle such as an electron in what we know about the quantum world? My fifth postulate is that the electron is in the real universal quantum state. But we see it from our virtual referential. This means that the electron is also in a virtual quantum state and it is schizophrenia. The electron and our universe are schizophrenic and quantum dots are bipolar. First of all, an electron is indistinguishable from another electron. It means that the particles we are have no more identity, no more passports, no more first names and family names, no more gender identity, no more objects such as clothes, no more tattoos, which are objects of distinction, no more Nobel Prizes, etc... we are coming back to our birth....There is strict EQUALITY between particles. We are also moving to schizophrenia with the loss of our identity. Schizophrenia can be seen as a state of superposition of different identities in the real quantum world and with his virtual identity state in the virtual classical referential. Quantum world is real but schizophrenics suffer. It is because they are not in phase with love in the virtual classical world. If they change all the values with "I do not like/love" into the values "I like/love everything in the virtual classical world", what I did, the schizophrenics will not suffer any more and quantum world will clearly appear. Quantum world will be a rescue center for them. What is bipolarity? Bipolarity can be seen as oscillations between the real quantum world and the virtual classical world. Nanoparticles which appear and disappear from the real quantum world to our virtual classical world exist. Quantum dots are bipolar because they blink [10] and the current explanations are false because seen from the virtual referential. People suffering from bipolarity must work on themselves to be in phase with Hugh Everett's wave function. Bipolarity and Schizophrenia are not diseases any more, they are our future. Psychiatrists should help schizophrenics and bipolars to synchronize both virtual and real referentials by going out of "I do



not love" and by transforming "I do not love" in: "I love everything". Bipolarity will move to schizophrenia. From the rescue center (real quantum world), suffering will appear as an illusion. For example many schizophrenics are afraid of Satan. Either Satan does not exist or he is very kind in the quantum world. Another example : schizophrenics must love pedophilia which exists in our life and can be seen as a Cooper pair in the quantum world. From the rescue center schizophrenics must also come back to the virtual world and must love all the values of the virtual world such as "pedophilia is not allowed". They will therefore not become pedophiles and will understand the virtual world. They will be in coherence. Decoherence is the passage from the universal real quantum referential which is in phase with love to the virtual classical referential which is not in phase with love. Interactions with virtual classical world, as classical world is not in phase with "I love everything" could lead to the decoherence of schizophrenics and to suffering again. Therefore, Schizophrenics should go again into the rescue center to find coherence. Neuroleptics and Lithium kill libido and physical love. This is how medicine works, Schizophrenics and bipolars come back to the virtual classical referential and forget the real one. Psychiatry makes exactly the contrary of what to do.

Electrons are able to make Cooper pairs which leads to superconductivity [11]. What are Cooper pairs for life particles? This is BROTHERHOOD. Love is the bond of BROTHERHOOD. Finally, an electron is free, it has no house, no border. LIBERTY is the third value of the French Republic Motto which is quantum and objective. Unfortunately, the French Republic Motto has never been applied and everybody flout it because we are living in hierarchical structures and there is no Equality. We are living in private properties, in countries with borders and this is not Liberty. And when we see how we behave, with our dominant-dominated relationships, how about Brotherhood? The three values of the French Republic Motto are strictly bonded together. One disappears and the two others disappear. One appears and the two others appear [12]. In fact, the non-application of the French Republic Motto can be explained with decoherence. During the French revolution there was a psychosis with all the head cuts, revolutionaries did not pay attention to death any more, they loved death and they reached therefore the real quantum world. The French Republic Motto was born from this. Then decoherence appeared. Interactions with the virtual classical world led to the non-application of the French Republic Motto. Nobles wrote the declaration of « droit de l'homme et du citoyen » which led to distinctions between individuals and therefore to decoherence.

From our transformation in real particles in the quantum world during our Big Bang we will make galaxies etc... Virtual quantum states and universal quantum states will mix and will not be distinguishable any more. As there was only one Big Bang observed, we are unique in our universe but not in our real quantum world where plenty of loving Martians are waiting for us.

Friedrich Nietzsche's philosophy helped me a lot to reach the real quantum referential and to synchronize it with the virtual world. Nietzsche put his head in the quantum referential without knowing quantum theory. Nietzsche was probably schizophrenic but surpass his own suffering. Particularly two books are very important for me: "Thus spoke Zarathustra"[13] and "Beyond Good and Evil"[14]. Nietzschean philosophy has nothing to do with what Nietzsche's sister, Elisabeth, and the Nazis made of it [15]. They actually understood absolutely nothing about an exceptional, remarkable, very beautiful and lyrical, and extremely visionary philosophy. Nietzsche was not widely understood during his lifetime, with only a few scholars reading him. The Nietzschean Surhuman Zarathustra proposes to criticize all the values of the world to find new ones. Zarathustra loves life, the Earth, he is joyful, cheerful and happy. We would reach the world of Zarathustra collectively and individually. Humans in Zarathustra's world take many shapes: child, ghosts, trees, animals, such as monkey, camel, lion... this means quantum state of superposed identity. Zarathustra teaches us that God is dead. Nietzsche wanted to say that a deterministic God who made our world leads to an uncomplete vision of the real quantum world. God cannot die in the quantum world, and if you still believe in God, God is love. Zarathustra teaches us that we must carry chaos within ourselves to give birth to dancing stars. This means that we must put ourselves deeply into question to reach the quantum world, what I did. In the quantum world there is no more ego. Zarathustra teaches us that when you are ill, you must sing to heal. Arts are very important to heal because art is love. Furthermore, Nietzschean Surhuman is immortal with the eternal return and death does

not exist. Zarathustra teaches us that we have to learn how to love, and that we must love beyond ourselves. This is highly important. With loving life, Zarathustra surpassed his own suffering.

### 3. Conclusions

At the beginning of the story there was pure randomness. Randomness is a wonderful gambler, it played and plays a lot with everything, particles and us. Randomness hides itself behind everything, behind determinism and plays. Randomness accepted to be unmasked and pure randomness is love. Unfortunately, we are making mistakes with love [16] because we are in the virtual classical referential that we consider as real. At the origin, love is the vibration of the body and love does not collapse. "I do not love", hate are illusions, and we must go out from them. Because we are in the classical virtual referential in the quantum world and not in the universal quantum referential, we are all suffering without seeing it. Furthermore, money is an illusion and cannot buy happiness, happiness is love. We must induce a stock exchange crash at the planet scale. Wars will stop because of lack of funding and we will go out of the illusions. This will be "the chaos within ourselves to give birth to dancing stars" as anticipated by Nietzsche. The idea is then to promote love and Brotherhood between the peoples, at the planet scale. If we see life in a completely different way and love all life and everything, we would collectively reach the universal quantum referential. We would see the beauty of the quantum world and would love our Earth. In the classical virtual world we have science (mathematics, biology, medicine, physics, chemistry, economy, geology, history...). Science is determinism, this is not randomness at all. This is not love. Laws are deterministic and this is not love. We will go out of the big illusion by reaching the Big Bang with Equality, Brotherhood and Liberty, with sex associated with romantic love [12], [16], with culture, literature and arts. Medicine, food, laws, science, diseases... will disappear as they are illusions. We will progressively all become schizophrenics because of quantum entanglement and we will leave our body which is an illusion. Our Big Bang will be the transformation of ourselves into bipolar then schizophrenic particles which are Nietzschean Surhuman (the child), associated with love wave function. We will then be in the superposed universal quantum state and the virtual classical state. We will not forget science and laws. and Quantum world will expend indefinitely. How to prove this theory? Another idea could be to do love in front of quantum decoherence experiments. With schizophrenia the system will go to coherence, with bipolarity the system will oscillate, with people in the classical virtual world nothing will happen (negative control).

**Funding:** This research received no external funding.

**Acknowledgments:** CNRS is gratefully acknowledged as I could think freely.

**Conflicts of Interest:** The author declares no conflicts of interest.

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