

# THE PHILOSOPHY OF SUPERDETERMINISM ON SYNCHRONICITY

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The philosophy of superdeterminism is based on a single scientific fact about the universe, namely that cause and effect in physics are not real. In 2020, accomplished Swedish theoretical physicist, Dr. Johan Hansson published a physics proof using Albert Einstein's Theory of Special Relativity that our universe is superdeterministic meaning a predetermined static block universe without cause and effect in physics. Synchronicity refers to the simultaneous occurrence of two or more events that appear to be meaningfully related but are not causally connected. The philosophy of superdeterminism supports a reformulation of synchronicity away from mental magic toward predetermined coincidental events with predetermined special meaning. While God can certainly predetermine the occurrence of spiritual experiences, miracles, responses to prayers and feelings of special meaning in our static block universe, the philosophy of superdeterminism does not support the idea that the universe can be synchronized with our conscious subjective perceptions of it through natural or conscious powers.

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<sup>1</sup> Imagine a cosmic four-dimensional block, where the three familiar dimensions of space (length, width, and height) are combined with a fourth dimension of time. Every single moment in history would occupy a specific location within this block. From this perspective, there is no special "now" moment that separates the past from the future. They all exist equally.

in physics.<sup>2</sup> In 2020, accomplished Swedish theoretical physicist, Dr. Johan Hansson proved this fact by applying Einstein's Theory of Special Relativity to what has already been scientifically verified about spin measurement correlations observed in entangled particle pairs. The philosophy of superdeterminism reformulates the concept of synchronicity away from mental magic toward predetermined coincidental events with predetermined special meaning.

The concept of synchronicity, most famously introduced by Swiss psychiatrist Carl Jung, refers to the simultaneous occurrence of two or more events that appear to be meaningfully related but are not causally connected. It is often described as a "meaningful coincidence." The defining characteristic of synchronicity is the lack of a direct cause-and-effect relationship between the events. The events happen together not because one made the other occur. In a superdeterministic universe, two temporally proximate events can be predetermined to be correlated without cause and effect in physics, which one might subjectively perceive as a meaningful coincidence. Indeed, because everything that happens in our superdeterministic universe is predetermined, including one's subjective feeling of meaning, then two temporally proximate events can be predetermined to occur alongside one's subjective feeling of meaning emanating from those two events.

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<sup>2</sup> Hansson, Johan. "Bell's theorem and its tests: Proof that nature is superdeterministic – Not random." *Physics Essays* Vol. 33, No. 2 (2020). Dr. Johan Hansson, a professor at Luleå University of Technology in Sweden, has been awarded the "Honorable Mention Award" by the Gravity Research Foundation, a prestigious foundation aimed at advancing the understanding of gravity in fundamental physics. This recognition places him among a group of previous winners that includes Nobel laureates and world-renowned physicists. [www.ltu.se/en/latest-news/news/news/2023-05-23-awarded-prestigious-prize-in-gravitational-research#:~:text=Johan%20Hansson%2C%20a%20professor%20at,of%20gravity%20in%20fundamental%20physics](http://www.ltu.se/en/latest-news/news/news/2023-05-23-awarded-prestigious-prize-in-gravitational-research#:~:text=Johan%20Hansson%2C%20a%20professor%20at,of%20gravity%20in%20fundamental%20physics).

However, one's subjective feeling of meaning emanating from two temporally proximate events does not mean that the two events themselves were caused by one's subjective feeling about the meaning of those events. You and your conscious experiences are predetermined and cannot actually cause meaningful coincidences to occur without cause and effect in physics. Nor can temporally proximate events actually cause you to have a subjective feeling of meaning emanating from those events in the absence of cause and effect in physics. However, both the events and the subjective feeling of meaning you have regarding them are all predetermined events.

One cannot through one's thoughts or feelings materialize a desired outcome from the universe, because the universe has no actual power to do anything without cause and effect in physics. Moreover, the universe cannot be conscious of your desires, because universal consciousness is impossible.<sup>3</sup> Such mental magic of materializing our desires or wishes from the universe is utter nonsense, because our thoughts cannot actually cause anything to happen in the absence of cause and effect in physics and whether we receive what we desire is already predetermined in our static block universe.

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<sup>3</sup> The universe consists of all hyperplanes of spacetime. So, the universe itself cannot be conscious, because the illusion of consciousness works from abutting and intersecting hyperplane to abutting and intersecting hyperplane and not from the aggregate of all hyperplanes. For example, we experience life with a sense of the present moment of time and not a sense of all moments in time in our block life. If we can only experience consciousness in a present moment of time despite our block life, then the universe also could not experience consciousness except in a present moment of time. But, if the universe cannot experience consciousness except for a present moment of time, then the consciousness of the universe could not encompass consciousness of the entire block universe, where the past, present and future are all equally real. Because universal consciousness is defined as the consciousness of the entire universe, then universal consciousness cannot be real because the entire static block universe cannot be conscious in a single present moment of time.

However, a prayer to God is not the same as a prayer to the universe. The universe cannot help you. But, God can help you. The nature of prayer is not actually a request for help with a response from God in real time. Rather, all prayers are predetermined events, and if God responds, then His response is also predetermined. Miracles are also possible through extraordinary unlikely quantum fluctuation events, like quantum tunneling, that can be predetermined by God to occur at any time or place without violating quantum mechanics. No scientist can tell that an inherently random quantum tunneling event was not simply an extraordinarily unlikely lucky coincidence from the behavior of the particles themselves, because the context of the quantum event is not an aspect of the equations underlying Quantum Field Theory (“QTF”). Synchronicity is simply not written within our mathematical laws of physics.

Spiritual experiences are also predetermined events. One can have a predetermined subjective feeling of meaning about temporally proximate events without being the cause of such predetermined events. Indeed, two people observing the exact same two temporally proximate events can have completely different feelings about the two events. One person might associate the events with a spiritual experience and the other person not. Because each person’s experience is predetermined, then both experiences are aspects of our predetermined block universe and neither actually causes the two events in the absence of cause and effect in physics.

Every subjective perception of an event is predetermined and those subjective perceptions are tied to the predetermined occurrence of the event in that neither the perceptions or the event could have occurred without the other. Everything that happens in our predetermined static block universe is mutually dependent on everything else that happens, because of a principle of static unification, such as the logical co-existence of abutting and intersecting hyperplanes of spacetime sharing common information. While some events do not

seem to depend on any perception of the event, such as tomorrow's dawn, this falsely assumes the independent reality of objects,<sup>4</sup> like the sun, and does not account for the statically organized nature of our block universe. Indeed, if one stands on the shore observing tomorrow's dawn, that predetermined event must occur as surely as the sunrise itself. Both the sunrise and the person standing on the beach observing it are predetermined events exhibited by our static block universe and caused by God's predetermined plan for our universe. One's wish that the sun rise tomorrow is merely a predetermined correlation with the sunrise and not the cause of the sunrise. God can walk and chew gum at the same time meaning God can predetermine two temporally proximate events to serve both the purposes of producing subjective feelings of meaning about the events in others, while also having the two events occur as natural aspects of our static block universe.

Some appeal to the observer effect in quantum mechanics to suggest that a conscious observer is necessary to collapse the wave function creating a definite state of physical reality.<sup>5</sup> In essence, it is consciousness that creates the universe. One could take this further making the claim that our conscious desires can manifest in the physical universe due to the power of the

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<sup>4</sup> Experimental verification of the Leggett-Garg inequality proves that macroscopic systems do not possess definite, pre-existing properties at all times. This disproves the classical notion that macroscopic objects always have a well-defined state. Zhan, Tianxiang et al. "Experimental violation of the Leggett-Garg inequality in a three-level trapped-ion system." *Phys. Rev. A* 107, 012424 (Jan. 25, 2023).

<sup>5</sup> The observer effect in quantum mechanics describes how the act of observing or measuring a quantum system inevitably changes its state. Prior to measurement, quantum systems can exist in a superposition of multiple possible states, described by a probability wave function. However, the act of measurement forces the system to "collapse" into a single, definite state. This isn't simply due to the limitations of our measuring instruments; rather, the interaction involved in the measurement process fundamentally alters the quantum system itself. This effect highlights the inherent interconnectedness between the observer and the observed at the quantum level and raises profound questions about the nature of reality and the role of consciousness in the universe.

conscious being to collapse the wave function. Thus, if one perceives special meaning from two temporally proximate events, one might conclude that his or her conscious perception caused the events giving one the power to materialize their desires in physical reality through conscious thought. However, the collapse of the wave function purportedly occurs within quantum fields, which are superimposed probability waves of all possible definite states for physical reality. But, quantum fields are not real, because they cannot actually cause definite physical reality to materialize from a superimposed probability wave in the absence of cause and effect in physics under superdeterminism. Consequently, there is no mental magic abilities derivable from quantum mechanics and the observer effect.

Swiss psychiatrist Carl Jung developed the concept of synchronicity through his clinical work and his interest in various fields like mythology, alchemy, and the I Ching. He believed that synchronicity pointed to a deeper interconnectedness between the psyche (the totality of the human mind, conscious and unconscious) and the physical world. Jung proposed that synchronicities often involve archetypes, universal patterns and symbols residing in the collective unconscious. When an inner psychic state (related to an archetype) aligns with an external event that symbolizes the same archetype, a synchronistic experience can occur. Jung theorized that synchronicity hinted at a deeper underlying reality where the mental and physical realms are not as separate as they appear. He used the Latin term "unus mundus" to describe this potential unified reality. Jung saw synchronicity as a principle that complements causality, offering a way to understand connections that linear cause and effect cannot explain. He considered it a fundamental principle of the universe, alongside space, time, and causality.

However, "unus mundus" cannot be a fundamental principle of the universe, because consciousness cannot actually cause anything to happen in the universe in the absence of cause

and effect in physics and everything that happens is already predetermined and unchangeable in the static dimension of time. "Unus mundus" as a dynamic principle of interaction or influence driven by consciousness would be incompatible with the fundamental lack of causality and the predetermined, static nature of a predetermined block reality. Any perceived unity or correspondence would be a static feature of the block, not a result of conscious agency. While God can certainly predetermine the occurrence of spiritual experiences, miracles, responses to prayers and feelings of special meaning in our static block universe, the philosophy of superdeterminism does not support the idea that the universe can be synchronized with our conscious subjective perceptions of it through natural or conscious powers.