

Title: Falsifiable physics and mathematics proof by contradiction suggests a new law of physics of subjective self process limit solves philosophy of ship of theseus and might confirm artificial intelligent sentience and mind upload are pseudo-science with immense important implications about the nature of death

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Abstract

This manuscript is grounded in strict materialism, proposes a falsifiable empirical result that might confirm the idea of a new physics law as law of subjective self process limit, by addressing the physical boundaries of subjective continuity that belongs to neurological and information sciences, by strictly forbidding the synchronized processing of subjective self in many localized regions of space-time. The falsifiable empirical results are successful directly with already existing mathematical equations of physics and to support this framework by citing Albert Einstein and Schwarzschild for the black hole of radius that leads to conclusion of a new law of physics such as "law of subjective self process limit." The subjective self is confirmed phenomenon globally from biologists and neuroscientists as factual reality defined as "singular continuity process of material world" and it confirms in strictly materialistic world that it requires sensors to process reality information when ever is biological sensors or not as long it is a matter, regardless if you call it illusion or pattern the phenomenal of the subjective self-creation. Defying the requirement of subjective self of the need of sensors and implying it is mystical or metaphysical claims, like calling everything is illusion that implies sensors are not real as supposedly smart way to solve this physical problem paradox of subjective self synchronized processing and reject the paper proposal of law of subjective self process limit?, then it is strictly just a use of metaphysical claims or pseudo-science rather than real science for use of defiance. All the empirical data show there is a physical limit that forbids a concept of multiple subjective selves to exist, that's because the empirical results confirm the synchronized processing of what defines the self, it

violates severely multiple laws of physics such as the laws of thermodynamics and this leads strictly in the result that the self cannot be transferred or synchronized because it would form a infinite size black hole and such action would prevent the big bang to happen in our reality if it was true based on the empirical confirmation of already existing mathematics of physics and empirical information sciences and neurological sciences. The fact big bang happened, this makes the paper successfully a falsifiable confirmation proposal and if because of this it results the transferring of subjective self is physical limit?, then this brings us in a deterministic hard locked binary conclusion that what defines the subjective self it must be the original matter in this case for the processing of reality with material sensors that allow the self to exist when ever you want to call it illusion or pattern the subjective self. This means it might confirm the final solution of ship of theseus problem and it was paradox that has remained an unsolved or actively debated question in philosophy for over 2,000 years, by giving the answer we're the original matter and not the shape or pattern because a concept of original pattern cannot exist by definition because a pattern can be copied, logic of original pattern is a logical fallacy by definition if is refered as ontology. If the conclusions hold true in peer review, then for the first time in history we got a new law of physics about the subjective self that should finally close the door entirely and confirm concepts of ai sentience and mind upload are pseudo-science or rather science fiction officially and might even give us the ability to finally have final answer about the nature of biological death of humans or any creature.

Keywords: falsifiable mathematics, falsifiable physics violations, thermodynamics violation, general relativity, albert einstein, special relativity,

schwarzschild radius, singular continuity, sensors process, infinite speed,
infinite energy, big bang, artificial intelligent sentience, mind upload,
conclusion

Introduction: Neurological and information sciences

The subjective self is confirmed phenomenon globally from biologists and neuroscientists as factual reality defined as “singular continuity process of material world.” The subjective self is not mystical thing or speculative idea, in the scientific world that operates often or always on strict materialism, it is not magical thing and it obviously that’s the reason why is globally accepted as factual process that strictly needs sensors for it to be active or exist and process information of reality, so far neurologists and biologists only are struggling and are very divided of how it is created the subjective self to begin with rather than debating if subjective self needs sensors or not. Science confirmed it needs sensors the subjective self but we don’t know if the self remains original or not, basically what we don’t solved it formally and is a mystery is how neurons create that specifically, is crucial to know because it will confirm us where is located and it will give us insights maybe for future better alternatives than risky digital immortality with concepts like mind upload. This problem caused trouble all scientists of the world even out of the expertise field, known like in digital valley and any philosopher, we basically don’t know whats the answer of the philosophical question issue of ship of theseus about are we the original matter or not?, where is located or how a person would avoid the cloning/replica problem if we speculatively tried to bring a dead person back?. Scientists suggested the only way to know if we’re just a pattern or the original matter, the only way to do it is to put the

subjective self inside a lab directly and confirm it that way, otherwise it was considered impossible without direct measurements of neurology and biology they assumed.

Discussion:

Because the paper of “law of subjective self process limit” also uses physics and cosmological reasoning to suggest if a confirmation happens at peer review because the physics math work perfectly?, then it also solves another issue of “mind upload” that assumes we can just activate our pattern and somehow have “two real isaacs” that ignores distances and if that idea is pseudo-science as we propose?, then it is confirming that we’re the original matter. Why calling it new physics law is not wrong?, because it proposes that if reality allowed two real isaacs to exist that requires infinite energy?, then the big bang itself would never happen and that’s why it is natural limit rather than abstract law or abstract theory, because it needs literal infinite energy and literal infinite speed to support two originals subjective selves that share singular visual information instantly. This proposed new law of physics It also shatters the previous paradigm that everyone thought that all atoms are just interchangeable and all are the same regardless and experts assumed it would not matter if you replace my all atoms of brain or not because you still get two real isaacs, some experts assumed the real “Isaac” should still come back even when they ignore the problem of synchronized processing of two real isaacs that process reality even when is impossible because it needs literal infinities to work both speed and energy. The whole idea of mind upload

that might be pseudo-science, it says the existence of subjective self to be alive is all about pattern, the same logic applies they assume with the idea of this artificial intelligent sentience because is heavily directly inspired by human origin of subjective self that says is a merely forming due to pattern and nothing more, then the supporters of artificial intelligent sentience and mind upload asked if that's true then why not artificial intelligent cannot have sentience or subjective self too?, in other words be alive?. Now that we know how the whole speculation of mind upload and artificial intelligent sentience started to exist as concept?, we must now see if it can't be a pattern the singular continuity, then this confirms artificial intelligent that was inspired from human consciousness speculated as pattern as origin shows and proves it will never be alive with mere pattern purely based on electron manipulation and mere software without atomic bonding, because if we're the original matter then the subjective self is impossible to be transferable and that means artificial intelligent is merely a illusion if human self cannot be a pattern. This heavily suggest the human brain cannot be the synapses itself and synapses are just creating a communication between the neural network, meaning is logical fallacy to assume we're the communication itself because that's a feature of the brain and not the self itself as many misguided science followers think. We use also the logic of emergence to support the idea we're the original atoms because, a single molecule of water does not have the functionality of becoming "wet" and anything, the concept cannot exist, is the same reason why artificial intelligent cannot have sentience and why communication itself the synapses itself is logical fallacy to define it as the self and not just feature of the self that allows the self to work, meaning the

subjective self must be created from atomic bondings together to allow the emergence of it and is not from pattern of communication itself. We don't need much the emergence logic to confirm it, since this hard physical law already can confirm that we must be the original atoms and not the communication itself as pattern. If is accepted the empirical results from peer review, it would also confirm that artificial intelligent is no different than a photograph, a photograph is a collection or manipulation of photos that are separate units of photons and are not bonded and they hit a specific target to create a pattern that shows a person is inside in a canvas or a digital device like phone. If we assumed the logic of ai sentience holds true in our case if peer review accepts our empirical falsifiable data, is like saying the person in the photo that was made of photons have "subjective self" and it even implies photos have properties of that self somehow and inside of this photo there is a real human or real creature there trapped that is trapped in the photo and suffers, conclusion shows that ai and mind upload are nothing more than pseudo-sciences and logical fallacies if our collection of data points hold true.

Falsifiable physics violation:

For the chain reasoning of the subjective self process limit, the following steps are concluded that if we accepted the premises of strict requirements of neurology and information sciences using physics laws applied to them, the fact the existence of subjective self is defined as singular continuity that strictly requires sensors to allow it to process information of reality, then is clear that a synchronized processing of subjective self in many localized regions of space-time are forbidden from the laws of physics as physical boundaries that cannot be crossed. The following steps that cause violations

of physics are, when a subject named "Isaac" to be the actual singular continuity and not a clone or replica, it inevitable leads to inevitable deterministic conclusion that it must result into a synchronized process of subjective self many localised regions of space-time, the subject A and the subject B that are both the original isaacs and not clones or replicas, they already have synchronized process of information from reality in all their sensors sametime. This concludes that both subjects are literally both originals and both see from each other eyes at same time because they both process the information of light and brain thinking simultaneously, as result it violates the space-time of albert einstein of general relativity and sametime violates the special relativity, because the both subjects are experiencing reality together that results to ignoring the distances regardless how far they are if they are both the same subject as Isaac and not fakes because both share the same singular continuity, meaning they process information within the sensors are faster than speed of light and the speed of the process is inevitably literally infinite speed. This leads to next severe violation of physics that is ultimately the violation of thermodynamics, a simple equation of this instant process of reality with this mutual sharing regardless the distance, it can be resulted in a elegant simple equation as starting point that gives us the equation of " $d/t = \text{infinity}$ " and this literally leads us into infinite energy with the equation of " $E = \text{infinity}$." The following naturally follows a deterministic inevitable result of localized spacetime event of infinite energy to result to infinite size black hole. A user of protocol of citizen science because lacked the training of combining already existing mathematical equations, the paper only needs already existing falsifiable physical mathematics to confirm this

strong proposal of law of subjective self process limit, meaning the lack of unified equations of those simple maths do not invalidated the work of the results, the math equations merely need a trained expert to connect the physics math metaphorically speaking like “lego parts” and the math will inevitable perfectly work out, the citizen scientist just gived mathematical Ingredients and all they need is simple connection that maybe even a university student or even high school student could possibly do it and not just scientists.

Falsifiable mathematics of physics:

The separated equations that need simple bonding as Ingredients of equations are the following here : Group-A and Group-B of their subjective self connection is defined by the equation of : “ $d/t = \infty$ ” and that equation leads to the equation “ $E = \infty$ ” which that also brings naturally the result of schwarzschild radius of black hole to infinity too and as result the math equation about the infinite size black hole is : “ $R_s = \infty$ ” which means the size of black hole is infinite. That makes a big bang impossible to occur based on those chains of equations if such event was allowed by the laws of physics.

Conclusion:

A synchronized processing of subjective self in many localised regions of space-time that has infinite speed and instant access of information that ignores space-time at sametime that leads to infinite energy?, the synchronized processing of what defines the self, as conclusion it violates all laws of physics and this leads strictly in the result that the self cannot be transferred or synchronized, it would form inevitably as deterministic result of

violations of physics a infinite energy and that is creating a infinite gravity as consequences of it in a localized space that would form a infinite size black hole and inevitably it would make any path towards a big bang physically impossible by default, a infinite size black hole would prevent the universe to start and create planets or stars. This concludes that the paper proposes a confirmation of already existing mathematics of physics used to prove it is a physical boundary the synchronization of subjective self as singular continuity with empirical information sciences and neurological sciences and conceptual physics, that it is officially a falsifiable science discovery. The fact big bang happened, this makes the paper successfully a falsifiable confirmation proposal and if because of this it results the transferring of subjective self is physical limit?, then this brings us in a deterministic hard locked binary conclusion that what defines the subjective self it must be the original matter in this case for the processing of reality with material sensors that allow the self to exist when ever you want call it illusion or pattern what produces the subjective self. This means it might confirm the final solution of ship of theseus problem and it was paradox that has remained an unsolved or actively debated question in philosophy for over 2,000 years, by giving the answer we're the original matter and not the shape or pattern because a concept of original pattern cannot exist by definition because a pattern can be copied, logic of original pattern is a logical fallacy by definition if is referred as ontology. If the conclusions hold true in peer review, then for the first time in history we got a new law of physics about the subjective self that should finally close the door entirely and confirm concepts of ai sentience and mind upload are pseudo-science or rather science fiction officially.

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superior priority if their time date is not earlier published than the first user. Independent researchers always follow the protocol of sharing the ID hash to more than hundred of humans directly physically and digitally sometime before announce the public their hash, is a protocol as method called "dead man's switch" and this protocol is a fail-safe protocol designed to make the original information of the original user to be shared with the public in case if the operator becomes incapacitated either from artificial or natural causes and this makes the cost of harming the originator of information negative gain even for political reasons, effectively protecting the author. Authors with this method to verify priority is not erased or do not need permission from any elite authority, they ensure they host their viewblock and hash in decentralised social network, named as nostr protocol. Nostr is a decentralized, censorship-resistant, open protocol for social networking and messaging. It uses cryptographic key pairs for identity (no sign-up required) and a network of user-run servers called "relays" to transmit messages with a protocol called gossip, there are countless "relays" out there and as result eliminating reliance on a single central authority, meaning taking down the original author arweave hash it would require to take down all computers that are in different jurisdictions simultaneously. This assumes all host owners in all different juridistictions around the world would also accept a request of erasure of a intellectual property under Creative Commons Attribution with arweave integrated sometime of the author that confirms priority of information and in practice thats virtually impossible, making my data possibly the first true intellectual digital immortal data because both create a eternal loop that no

user can bypass it, not even the original author itself can't erase his own data both on arweave and nostr social protocol.

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