

How Infinitist Philosophy Clarifies a Quantum Mechanics Riddle

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Introduction:

We should welcome any new possibilities that other disciplines, particularly philosophy, can offer for science. This is what Infinitylogy, as the study of infinity, advises. Infinitylogy connects three domains of philosophy, science, and technology to get a greater understanding of the universe's infinite character and its composition.

In this essay, we'll look at an example of how philosophy might aid science in gaining a better understanding of the material world.

Deciphering Quantum mechanics:

We heard many times that “The quantum mechanics is crazy”. The reason is one the main feature of this field explained in this simple phrase: “In the realm of particles, objects can be in two places at

the same time or behave in one way and the other way at the same time, defying our common sense.”¹

But is it true? Are we here speaking about an objective fact of our well-known anthropic apprehension of reality? A new experience has just come about to reveal this characteristic in a more obvious way:

“A team of British and Australian researchers has taken a key step in understanding the boundary between the quantum world and our own, enabling a drumstick made of light to make a drum barely visible to

the naked eye vibrate and stand still at the same time.

That is, a man-made

object responds to the laws of small things, such as molecules, atoms, and subatomic particles.”²



¹ thespaceacademy.org/2022/01/a-quantum-machine-that-vibrates-and.html

² Ibid

So, is it really about a mystery here or, a misconception?

Our hypothesis is inspired by the philosophical theory of Infinitism's assertion and says *everything is infinitely composite*. This indicates that what we saw in these test as 'still' while having motion at the same time is not actually as 'still' as we assume.

It appears to be so but given that a drumstick is made of endless subcomponents, we can envision that it's vibrating in its sublevels while looking 'still' at the level of our sensory perception.

The results of the first experiment in this field, which took place in 2010, were as follows: "The stick was vibrating and it wasn't at the same time."³ When we come to ambiguous puzzling conclusions in science, such as this one, we should question the objectivity of what we're saying since we're engaging in

³ <https://www.thespaceacademy.org/2022/01/a-quantum-machine-that-vibrates-and.html?fbclid=IwAR19vvFHisL5wCLmZFuPgLOC0kAjfeDJxm1skUJg1xRre0mPnNq3Zigsj8g>

a logical contradiction that reveals a lack of dispassionate understanding of what we're talking about.

As we delved deeper into the architecture of matter, we discovered that many of our perceptions were constrained by the level of composition at which the observation was made. If we go deeper, we'll notice how the structure is ontologically and functionally different.

Therefore, what is going on in the quantum realm is not truly uncommon, it's about our interpretation that could comment oddly on a usual occurrence.

The below statement would be called into doubt if we knew that what we consider the drum's stop state is actually vibrating in its subcomponents' levels: "This provides a promising route to making a mechanical version of Schrödinger's cat, where the drum vibrates and stops at the same time."⁴

⁴ <https://www.thespaceacademy.org/2022/01/a-quantum-machine-that-vibrates-and.html?fbclid=IwAR19vvFHisL5wCLmZFuPgLOC0kAjeDJxm1skUJg1xRre0mPnNq3Zigsj8g>

Many of the false certitudes we created around the structure of matter can be corrected by a fresh look at the fabric of reality, thanks to the Infinitism.

Some of these situations, including the one accepted in science as so-called "elementary particles" constituted of nothing, have already been suggested in our prior books.

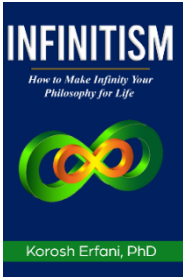
The idea of an *infinitely composite structure of everything* implies that all particles labeled as 'elementary' or 'fundamental' by science are not so but through our interpretation, which is influenced by the sensory restrictions we are carrying out.

Infinitism frees us from these artificial constraints and grounds our vision over matter in an infinite arrangement of matter's structure. We may illustrate the possibility of discovering new subcomponents indefinitely by supposing no ending echelon in this structure. This will alter our

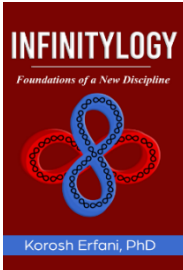
perspective of the universe and provide us with a new
worldview.#

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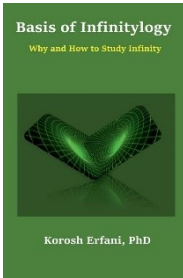
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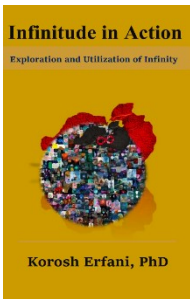
Infnitism: How to make Infnity your philosophy for life, ILCP Publishing House, 2021, 375 pages.



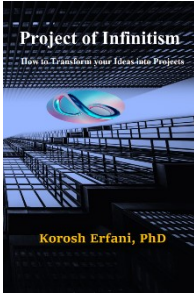
Infnitylogy: Foundations of a New Discipline, ILCP Publishing House, 2021, 148 pages.



Basis of Infnitylogy: How and why to study Infnity, ILCP Publishing House, 2021, 148 pages.



Infnitude in Action: Exploration and Utilization of Infnity, ILCP Publishing House, 2021, 200 pages.

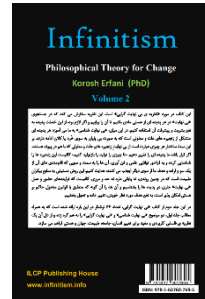


Project of Infitism: How to Transform your Ideas into Projects, ILCP Publishing House, 2021, 132 pages.

Our books in other languages



● **Infinitism: The Philosophical theory to change, (Book in Persian), ILCP Publishing House, 2020, 1018 pages. (possible translation in the future)**



- The CRDI plans translating these mentioned English books in French in the future.



Our Websites



- Website on the philosophical theory of *Infinitism* and its applications.

www.infinitism.info

- Website on *Infinitylogy* as a new discipline and its establishment:

www.infinitylogy.com

- Website on the *Center for Research and Development of Infinitylogy* (CRDI)

www.thecrdi.com

- Website of the ILCP Publishing House

www.ilcpbook.com