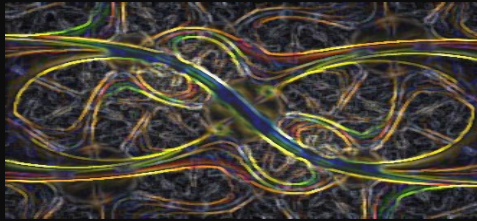


How Infinity Makes Matter Exist

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Introduction:

One of the reasons for which treating infinity turned out to be difficult, along with the history of philosophy and science, would be the fake obviousness of a dualism between *Matter* and *Infinity*. Aristotle believed that infinity could not be a material actuality, while infinity was not but material actuality. He expressed this duality where he says: “For the matter and the infinite are contained inside what contains them, while it is the form which contains.”¹ We see distinctly that here it is about two things: matter and infinity.

Since then, it was always the question of how we could seize infinity in the real world while we know that the endlessness is not accessible.

The problem lies in a philosophical optical illusion: seeing on the one hand the matter and on the other hand infinity.

¹ Aristotle, *Physics*, Translated by R. P. Hardie and R. K. Gaye, Book III, Chapter 7

A new Approach:

The theory of *Infinitism* challenges substantially this dualism and presents it as downright superfluous. It suggests that these two are actually one. Talking about matter is technically alluding to infinitude in action, and, pointing out to infinity is also actually referring to infinitude in action. Talking about matter or/and infinity converges towards the same thing.

Infinitism states that *existence*, as we know so far, is not but material and what constitutes matter is *infinitude in action*; therefore, existence can be represented as infinitude in action.

Our lasting blunder was, so far, to separate matter as physical actuality, from infinity as an attribute of it. This deceptive distinction paralyzed philosophy and science for thousands of years and deprived us badly from searching the infinite possibilities with the material world. But now we

can correct this epistemological wrongdoing and put the things in their right place by stating that *matter exists because of infinity*.

This view lands in the following conclusion:

You cannot grasp infinity materially, then again, you cannot grasp materially but infinity.

When you look into matter, you don't find infinity; but when you look for infinity, you don't find it but in materiality.

Let's rephrase it to affirm the main point:

When you delve into matter, you won't catch infinity; nevertheless, when you look for infinity, you won't find it anywhere except in matter.

By defining infinity as *infinitude in action* we go one step forward to find the appropriate expression for what we call matter. The matter doesn't have any other existential authenticity, but infinitude in action.

To see how this statement is established, let's see the way, in our previous writings, we defined matter:

Infinite Interrelated Intercreating Causal Chains.

By breaking this definition down we obtain:

- *Infinite Interrelations*
- *Infinite intercreating*
- *Infinite causation*
- *Infinite [causal] chains*

The above definition shows the intertwined mechanisms through which matter takes shape: Interrelatedness, Intercreating, causativeness, Chaining. But what is of the utmost importance in that definition is that these quadruple setups are acting infinitely. These two latter words bring us again to our definition of infinity: Infinitude in action.

Now that we have an idea about motion, action, and mechanisms we can ask what they produce concretely that we call matter. To answer this question we were brought to present the ontological structure of matter with its three inner aspects in any phenomenon:

- Infinite number of components and subcomponents
- Infinite interrelations between these components and subcomponents
- Infinite ways these interrelations are established

Based on the above points, a first trail where we can trace infinity in any phenomenon is in its components/subcomponents. They are countless, since each component is made of subcomponents and again, each subcomponent is made of sub-subcomponents and so on. The number of strata where we can always find the smaller constitutive parts is just uncountable.

The second trail is an offshoot of the first case of infinitude. As there is an endless number of stratum there is also uncountable number of parts within.

Then, the third sphere where we could trace infinitude is to ask what a *component* is. Infinitude gets into action when we see that for determining the ingredient of these uncountable components and subcomponents we should refer again to the above combinatory definitions:

A component is made of *infinite interrelated intercreating causal chains*.

And since any other material case possesses the three elements of infinite components/subcomponents, their relations, and ways these relations are set, we are again in the same structure scheme, and it keeps going.

So, whatever is the material phenomenon that you look in, you can find that it's a bunch of sets, and each set is made of some subsets and again and again, it goes on indeterminately

because of the endless actions that we enumerated above:
Endless interrelatedness, Endless intercreating, Endless
causativeness and Endless chainlike.

This brings about the idea that what we conceptualized as
infinity is nothing else but *infinitude in action*. Therefore,
infinity becomes a comprehensive concept for infinitude in
action, and infinitude in action is the materialization of
infinity.

To **summarize** we can say that the sameness of matter and
infinitude in action is actually the limitless iteration of the
same principles inside the uncountable various mechanisms
that produce conceptual sense for infinity on the one hand,
and makes matter exist on the other hand.

Therefore, we state:

Infinity makes matter exist through infinitude in action.

Infinitude in action makes matter through infinity.

The apparent similarity between these two statements puts an end to the unnecessary epistemological dualism of infinity/matter, and their subtle dissimilarity makes them the engine of a never-ending process of productions in philosophy and science in the future.

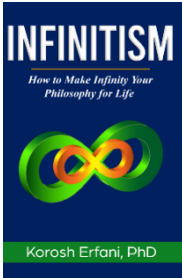
To close the case of duality in question we will keep in our mind that:

This is the infinitude in action that makes matter, not infinity.

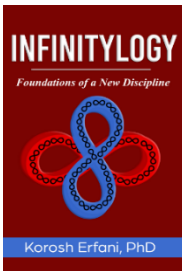
Any finite is infinite and the best proof of it is that otherwise, it could not have existed.

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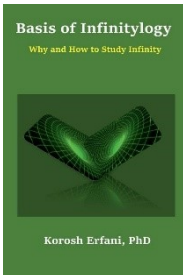
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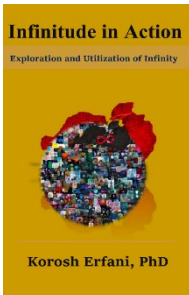
Infinitem: How to make Infinity your philosophy for life, ILCP Publishing House, 2021, 375 pages.



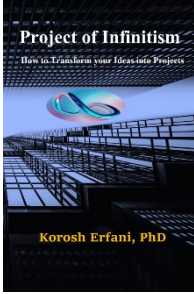
Infinitylogy: Foundations of a New Discipline, ILCP Publishing House, 2021, 148 pages.



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



Infinitude in Action: Exploration and Utilization of Infinity, ILCP Publishing House, 2021, 200 pages.

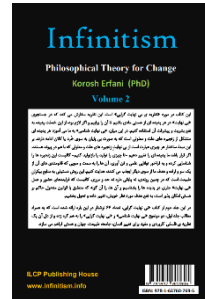


Project of Infitinitism: How to Transform your Ideas into Projects, ILCP Publishing House, 2021, 132 pages.

Our books in other languages



● *Infitinitism: 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.

www.thecrdi.co



Our Websites



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

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

www.infinitism.info

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

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- Website of the ILCP Publishing House

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