

Why a new theory about Infinity?

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Introduction:

Infinitism is a philosophical theory that could be summarized in a simple statement according to which *nothing exists but infinity*.

Immediately this radical and controversial assertion could raise a precautionary question: What is the point of this theory?

To put it another way, how could we utilize the idea of the infinite macro and micro universes?

Infinitism is telling us that matter is infinitely composite. But, what I could deduce as a hands-on application from it, helping us to do more and better than what we are already doing?

The following is an example of one of our responses to this key question:

Thus far, we used the concept of infinity as a vague notion that represents immensity, boundlessness, countless, immeasurable and similar idea. The common denominator of all these qualitative terms is their ambiguity and imprecision. Their function was so far to express something that we cannot portray precisely, accurately, or exactly.

So, until now, Infinity carries a connotative charge that equates lack of precision. This connotation tends to be somehow essential and normal for a concept that seeks to communicate the absence of any finite point for something.

Nevertheless, there is no determinism to bear everlastingly the extent of vagueness in this notion. The concept evolved along human history and gets more and more precision by going through a better understanding of complexity of the matter's composition. But this evolution of the concept of infinity had been a byproduct of the science's history. It was through the progress made in different specific fields of science, like physics, mathematics, chemistry, biology,

astrology, and so on, that we gained a relatively better idea of infinity. However, we did not see any significant, concentrated effort devoted solely to the concept itself.

Many books and articles on this topic had been written all relating what happened to this notion through other fields of science or knowledge. But nothing that would allow it to stand alone as an autonomous concept with its own specific evolution and mechanisms.

We hope to break through this stagnant legacy and bring forth a new perspective on this topic by creating and proposing the theory of Infinitism.

But how?

First, this theory is elevating the concept of infinity, from the middle of many other philosophical and mathematical notions, to the topmost point of an existential pyramid. In this latter everything is included and only a highly

conjectural idea of ‘something beyond existence’ would challenge the comprehensiveness of infinity.

By stating that *everything is infinite or is not*, we put out of *Existence* anything wanting presumably pretend not to be infinite. And at present, and most probably for a long time again, we won’t be able to objectively consider a sphere that could not be covered by the notion of Existence.

Once we established that *Existence* comprises all that could come to our acquaintance’s arena for now, we put infinity above it to indicate that if you are looking for something to exist that is not infinite, you won’t find it.

By placing infinity above all the manifestation of existence, we perceive matter and the material universe as logically included in this frame as well.

If everything is infinite, so are the matter and the whole material world. Here the infinitist theory goes beyond the

classic speculative philosophy and attempts to demonstrate the objective presence of infinity in the material world.

From here, we'll need to define infinity more precisely so that we may start witnessing and exploring its presence in matter.

In this second stage, we shift the notion towards more precision by naming infinity, *infinitude in action*. This latter expression demonstrates that infinitude is a moving actuality and not an inert inner quality as some may believe.

But, where we could discern the presence of this infinitude in action?

Infinitism divides it into three realms:

1. In its composition: infinite components and subcomponents in the innumerable structural levels.
2. In its interrelations: the uncountable number of interconnections between these infinite components and subcomponents.

3. In the ways of interrelating: the endless number of modalities for the countless interrelations between the infinite number of components and subcomponents.

Here we have three sets that are substantially intertwined, materializing the *infinitude in action*.

$$\infty * \infty * \infty = \text{infinity}$$

$$\infty * \infty * \infty = \text{infinitude in action}$$

$$\infty * \infty * \infty = \infty$$

While the quantitative dimension for each of these three items represents the *infinitude* of the matter, as expressed in mathematics, the interactions between them represent the in-action's segment of the definition. In this way, *infinitude in action* is in fact the inner, never-ending, ongoing dynamism of matter.

The particularity of this view is that by such a sight on the matter, through this particular definition of infinity, for the

first time, we could get rid of the intangible dualism that separated world, universe, matter, or even existence from infinity.

But how?

Until now, we had thought of matter and infinity as two separate entities. On the one hand, there was a material universe that existed in its own right, with its own ontological configuration, features, rules, and nature, and on the other hand, there was infinity, which existed more as an abstraction or, at best, as a conceptual reality.

Infinitism upsets this customary dichotomy by introducing a new idea of sameness for matter and infinity.

This means that now we see *infinitude in action* and total ontology of matter as one, excluding anything that seeks to be outside this realm of *infinitude in action*.

Once we see that matter is not but *infinitude in action* within the three above tangled sets, we can be dealing better with the material world with all this definition of matter entails.

This aspect shifts the notion of infinity from a pure philosophical-mathematical sphere, taken in pure but infertile abstraction, to a useful practical, functional, and operational field within materiality.

Here we could start to look for all the laws, principles and procedures through which the infinitude in action operates within the three aforementioned sets:

1. Components and subcomponents,
2. Interconnections between components and subcomponents,
3. Ways these interconnections take shape.

In order to operate in these three spheres of the fabric of reality, we need to know many details that should be

identified, discovered, theorized, verified, and formulated. A specific technical discipline to that mission is required.

This discipline is called *Infinitylogy* as the methodical study of infinity. Its mission is the recognition of the *infinitude in action* in the structure of matter, either this structure is the one of a subparticle or the largest known cluster in the space.

We began to build this discipline through a number of publications¹ but also by founding the *Center for Research and Development of Infinitylogy* (CRDI).

In this paper we wanted just to show that when it comes to know what is utility of seeing the world as infinite, we can answer this question by a variety of ways, and for instance, through this simple statement: *by seeing the universe as infinite we discover how is formed what the universe is made of.*

¹ See the list of our publication at the end of this article. Also visit our other papers at the website of the CRDI: www.thecrdi.com

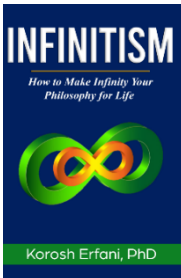
When we answer the matter is infinitude in action, we are not referring anymore to the matter's composition but rather how it's constructed. The vicious spiral is broken then, and we could start to see how we may intervene there to change everything. Instead of focusing solely on what, we may now focus on how. The difference is huge.

What is the matter made of?

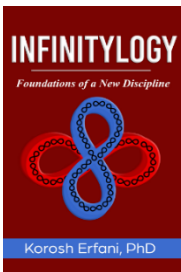
How the matter is made?

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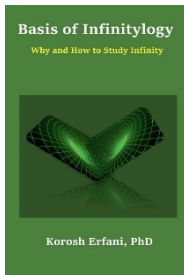
Books published so far:



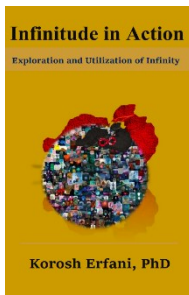
Infinitem: How to make Infinity your philosophy for life, ILCP Publishing House, 2021, 375 pages.



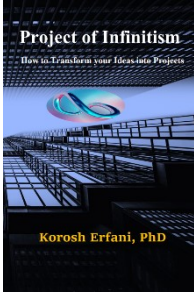
Infinitylogy: Foundations of a New Discipline, ILCP Publishing House, 2021, 148 pages.



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.



Our Websites



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

www.thecrdi.com

- 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 of the ILCP Publishing House

www.ilcpbook.com