

# Microcosm, Macrocosm and Infinitecosm

Existence beyond any dimensional bound

*By: Korosh Erfani, PhD*



February 2022

First Version



A production of Center for Research and Development of  
Infinitylogy (CRDI)

**Introduction:**

The dimensionality of the cosmos is the core of our vision of the universe. We divide the things in two major categories of Microcosm and Macrocosm. The definitions for these two are though very generalist and somehow imprecise. Here is an example: Macrocosm: “the whole of a complex structure, especially the world or the universe, contrasted with a small or representative part of it”.

Not very helpful, right? What about the other one: Microcosm: No precise definition at all. But we could extrapolate the rational in the definition of macrocosm, and say that microcosm would mean the small structures, “contrasted with” the whole structure “or representative of it”.

The vagueness of these definitions is not accidental, it’s because we don’t have any objectively measurable idea about how big or how small is the reality of the matter.

The below image shows how huge could be discrepancy due to our perceptual miscalculation with this regard. We can see how, in one hundred years of distance only, we get to an estimation of the known universe's dimensions that is 930,000 times bigger than what we thought it should be. Could we imagine how bigger will be this number in one hundred years from now, if humanity survives?

The crucial point is that this number is as relative as one can imagine. Let's be realistically clear: we would never have an idea on the exact number that could present the scope of the known universe. The science is discovering that whatever is the number that sticks to the size of the universe loses its relevancy with the perfection of our tools and concepts. And this experience is repeating.

This is also where the philosophical approach could come to our help to fix this issue. The theory of *Infinitism* is suggesting a concept that goes beyond any limitation we

want, by habit and unnecessarily, to impose to ourselves when it comes to get an idea about the dimensionality of the material existence. But how a philosophical theory could do it? Through a new comprehensive concept:

For the sake of similarity we will use the same postfix we find in the two above expression (...cosm); but in order to include the both micro and macro spheres of the cosmos, and also for going beyond any limiting boundaries of dimension, we use another word that will present boundlessness, borderlessness, limitlessness; then, through mixing these two points, we suggest the neologism of **Infinitocosm**.

### **What is this?**

Infinitocosm implements infinity in the field of the physical world and incorporates in itself the cosmos with the vastest meaning we can attribute to this term: cosmos, universe, multiverse, or beyond.

This concept is designed to shake our understanding of dimensionality and its derivatives: measurement, length, height, width, breadth, and so on. It is telling us that any measurement, whatever is the extensiveness we could imagine for, is just a finite point of an infinite course.

Infinitocosm includes both microcosm and macrocosm in their infinite version in which we can go either upward or downward, infinitely and forever, there is anyway never an end for.

The visualization of infinite course through certain efforts like the *Mandelbrot Sets* shows that once you are in exploration of composing structure of matter you cannot distinguish if you are going up in a higher level, in the space, or in the subaltern layers of the inner structure of the matter.

As the below image shows, these symbolic and representative shapes could be either the innermost edifice of a water drop, for instance or among the superclusters in the universe.



The interesting point is that this perpetual recomposing sequences are not only a visual trick, but, somehow, the reality of matter. Whatever is the explorative course we chose for going inside or outside a phenomenon, we will find the sameness of its structure, in that that there is no end to the constituting layers and echelons we are dealing with; it never stops, and it never ends. And this is the exact meaning of *Infinitocosm* where the dimension disappears in the face of infinity.

Those who could be, justifiably, doubtful can ask this question: How is it possible that we could find in a thing, as

small as a dust grain, or a drop of water, as many as layers, particles, echelons, and compounds whose search will simply reveal infinite?

The answer resides in the definition of the word from which the term “infinite” stems: infinity.

In the theory of *Infinitism*, we defined infinity as “*infinitude in action*”. This definition possesses an internal dialectical dynamism that generates the sense of infinity.

If we take into account the most common definition of infinitude as “the state or quality of being infinite or having no limit”, we can see that the complementary segment of our definition comes to push it out from any static status, and puts it in action. So, the classic definition that is carrying our static view on infinity loses all its sense, and the word “*being*” is spontaneously replaced by “*becoming*” a word that expresses perfectly the idea of “*in action*”. So, we will have: the state or quality of becoming infinite or having no limit.

This means that, when we stated, as the main assertion of Infinitism, '*Everything is infinite*', we mean precisely '*Everything becomes infinite*'.

As 'being infinite' means, in fact, 'becoming infinite', or otherwise it doesn't make sense at all, we should state that '*infinity is the action that makes everything be infinite*'. And being infinite means 'existing'.

On the other hand, *Infinitism* suggests that '*Everything is infinite or is not*'. This means that everything needs to be infinite to be; or, everything needs to become to be. Becoming, by imposing itself as precondition of being, presents the existential dynamism through which matter can effectively exist.

If any phenomenon needs to become, to exist, this means that the existence of every phenomenon reveals the ongoing becoming within. And this is what *infinitude in action* means:

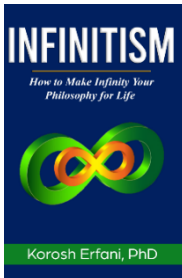


an unstoppable becoming that assures the existence of every single thing.

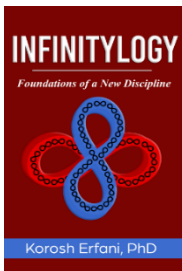
And it's when we trace this ceaseless process that we discover that the sphere in which it goes on cannot have any limitation or end. This sphere is then called *infinitocosm*.

In the coming papers we will develop later what would be the consequences of the implication of this concept in the applicative epistemology. #

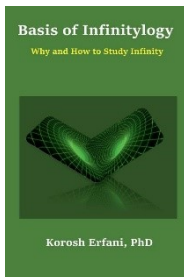
## **Books published so far:**



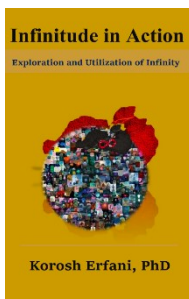
***Infinitism: How to make Infinity your philosophy for life***, ILCP Publishing House, 2021, 375 pages.



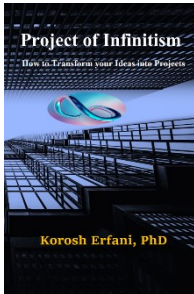
**Infinitylogy: Foundations of a New Discipline**, ILCP Publishing House, 2021, 148 pages.



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

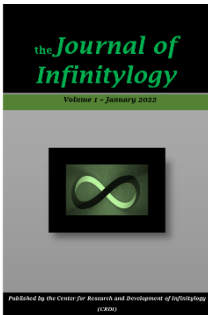


**Infinitude in Action: Exploration and Utilization of Infinity**, ILCP Publishing House, 2021, 200 pages.

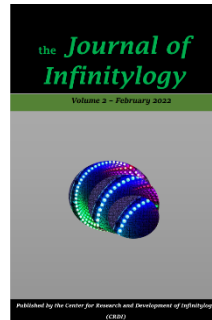


**Project of Infititism: How to Transform your Ideas into Projects, ILCP Publishing House, 2021, 132 pages.**

## The Journal of Infinitylogy

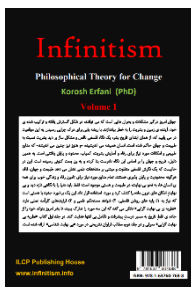


**The Journal of Infinitylogy, Volume 1, January 2022, CRDI Publication**

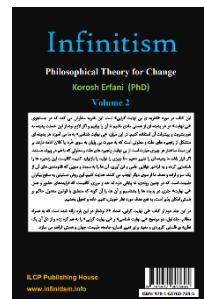


**The Journal of Infinitylogy, Volume 2, February 2022, CRDI Publication**

## 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 *Center for Research and Development of Infinitylogy* (CRDI)

[www.thecrdi.com](http://www.thecrdi.com)

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

[www.infinitism.info](http://www.infinitism.info)

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

[www.infinitylogy.com](http://www.infinitylogy.com)

- Website of the ILCP Publishing House

[www.ilcpbook.com](http://www.ilcpbook.com)