Infinity as Action in Infinitude

By: Korosh Erfani, PhD



April 2022

First Version



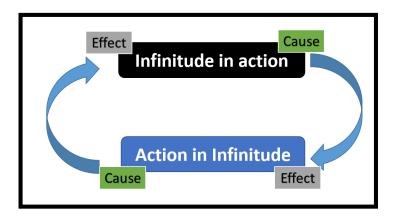
A production of Center for Research and Development of Infinitylogy (CRDI)

Introduction:

Through every new definition of Infinity, we could also get a better idea on what it is and what we can do with. Up to now, we proposed several formulations whose most used is "infinitude in action". By this latter, we mean an unstoppable process that shapes the fabric of reality.

The same definition could also be formulated as "action in infinitude". This means that what we call matter is the result of an ongoing action that continues endlessly to make matter be.

What is interesting in these two definitions is that they are not just a displacement of words but also two aspects of a complex process that can cause each other. The below scheme illustrates this kind of relationship:



Before we explain the reciprocal causativeness between them, we should explain the components:

- Infinitude: absence of the end
- Action: movement that brings about change
- Infinitude in action: Absence of the end for a movement that brings about change
- Action in infinitude: a movement that brings about change and doesn't have an end.

Based on these definitions we can provide the following description for the above scheme:

- A movement is causing changes in the fabric of reality,
 it doesn't stop anywhere and doesn't have any bound, any
 end, or any limit' because of this character;
- It's infinite because it's acting;
- It's acting because it's infinite;
- It's infinite because it cannot be but acting;
- It's acting because it cannot be but infinite.

Therefore

Infinity is acting infinitely and is infinite activity.

Here are some statements that could formulate this new definition of infinity as "action in infinitude":

- Action is the reproduction of a pattern.
- Pattern is what represents the fabric of matter.

- Reproduction is generating patterns infinitely within matter.
- The encounter of patterns creates the diversity of matter.
- Diversity accounts for the perceived distinction.
- Beyond this apparent diversity and distinction, is going the total relatedness of the whole existence.

As regards reproduction we can say:

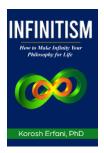
- Any reproduction is the result of the encounter of micro-reproductions and macro-reproductions.
- Any reproduction, therefore, accounts for the presence/existence of micro-reproductions (smaller entities) and also macro-reproductions (bigger entities).

- Any reproduction is also and always a microreproduction for its macro-reproduction[s] and a macroreproduction for its micro-reproduction[s].
- No reproduction can be done outside this formula.
- Any new reproduction is like a 'production'.
- A production is the result of the new encounter of
- 1. Horizontal/identical reproductions
- 2. Change in micro-productions
- 3. Change in macro-productions
- 4. Interactions between
- 1 and 2
- 1 and 3
- 2 and 3
- 1 and 2 and 3

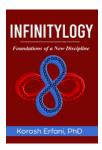
To conclude, we can see that when we think of an infinite action as the substance of matter we could take into account much better the inner dynamism inside matter. A dynamism that not only accounts for changes in the material reality but also for what is the reality.#

**

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.



Utilization of Infinity, ILCP Publishing House, 2021, 200 pages.



Project of Infinitism: 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

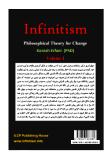


The Journal of Infinitylogy, Volume 2, February 2022, CRDI Publication



The Journal of Infinitylogy, Volume 3, March 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

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

Follow us on the Social Media



The CRDI- Center for Research and Development of Infiniytlogy



crdinfinitylogy



Infinitylogy Crdi



CRDI