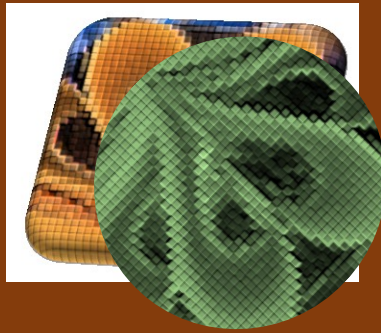


How all existence is interrelated?

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The concept of *Universal Solidarity* is suggested by the philosophical theory of *Infinitism* as the total relatedness in on existential level. This means that everything that exists is related to anything else and that they are influencing each other. So, there could not be total isolation whatsoever. Every action at a given level is affecting all things at all levels according to a process that can take place in an infinite number of ways and modalities. What could be more or less universal is just the general principles of this solidarity, but the modalities and patterns of this relatedness can never be totally predictable since the number of variables playing a role in shaping it is just unlimited.

But, how could it function? How a footstep of a little cockroach at the deep zones of the Amazon forest could impact the solar eruptions at the core of the sun?

The question cannot be answered subjectively or abstractly. Infinitylogy, as the discipline that is charged with the

verification of the Infinitism's statements, should be able to verify it objectively. However, any verification needs first a hypothetical model that draws the outlines of such a system.

The theoretical model of Total Relatedness

We are already familiar with the theory of *Butterfly Effect* that suggests “the sensitive dependence¹ on initial conditions in which a small change in one state of a deterministic nonlinear system² can result in large differences in a later state”.³

Several points come up from this definition to play a role in our hypothetical model of *Total Relatedness*:

- No system is ‘sensitive dependency’ in the absolute meaning of the term.

¹ A tendency for dynamic systems to be sensitive to initial conditions that can diverge over the time.

² A system in which the change of the output is not proportional to the change of the input.

³ sites.psu.edu/academy/2016/04/25/sensitive-dependence-of-initial-conditions

- All system is integrated into a startless and endless causal chain,
- Any system is an ongoing one and no one is with zero initial condition,
- Because of its infinite character, any system could not be but nonlinear.

Universal Solidarity is grounded in a context of causal chains that, at any stage of its evolution, inherits its past and is projected in an endless future. The backward and forward appeals of the causal chains are integrating the scheme of interconnections for a phenomenon whatever.

Also, the Universal Solidarity could not be run but on a nonlinear system since the number of variables participating in any actual and factual equation is, in an infinitist perspective, uncountable. Therefore, we could never know the exact number of the components and subcomponents of

an interrelation and the degree of affection of the innumerable elements interacting with each other within.

Several assertions of Infinitism will be playing a role in the above arguments:

1. Everything is infinite, or is not.
2. Everything is infinitely composite.
3. The composition is formed as the interrelated infinite causal chains.
4. The number of components, their interrelations, and the ways the latter are shaped is infinite in any single phenomenon.
5. The static mathematic is an artificial representation of a dynamic reality whose complexity cannot stop at any point.
6. Only dynamic mathematics could account for the inner and interconnected dynamism of a phenomenon.

By combining these points we see that the real interrelation of a material happening could not have any limitation nor an ending point.

The *Butterfly Effect* theory, as described above, could be a source of inspiration for the model that *Infinitylogy* will suggest for a better understanding of the *Total relatedness*:

If we remove the anthropic necessity of descriptive observation or apprehension, we could conceive a relational system in which

- the least change of one entity is generating the change of the whole entity, (inward process)
- as the entity is in contact with another one, its change will modify the adjacent entity, (upward process)
- the same course will replicate to reach a given number of interconnected changed entities,

- when this number equates to the critical mass, the bigger entity, the phenomenon is a component of, will alter as well,
- then, a similar process will happen in that entity, upwardly.

Besides this course, any alteration will also generate a chain of changes inwardly in the microstructure of the phenomenon. This means that,

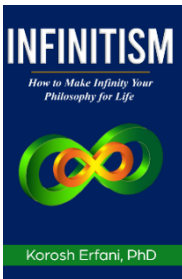
- as soon as, there is a change in a component,
- the subcomponents will be affected as well,
- each subcomponent being more or less modified their sub-subcomponents start changing as well
- and this process is going on interminably and inwardly as well.

The important point is that all the fluctuations of the different levels that are going on, infinitely, are changing their respective upper and lower levels' entities and

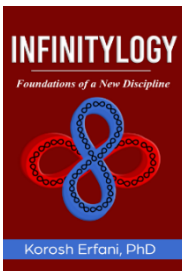
components, causing the new changes in the whole system continuously.

Now, based on this theoretical model of Total Relatedness we can look for concrete cases studies where it would be possible to examine this hypothesis.

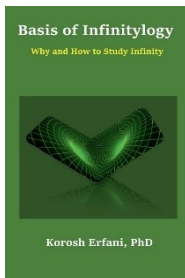
Books published so far:



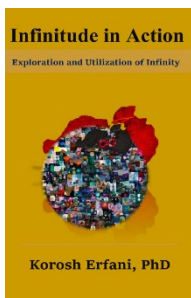
Infinitism: How to make Infinity your philosophy for life, ILCP Publishing House, 2021, 375 pages.



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.

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)



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- 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