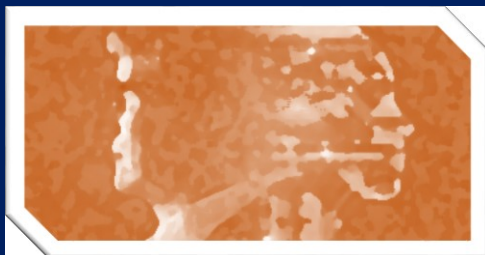


Why we can't think what AI can?

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Introduction

“So God created man in his own image”, and Man created the world in his image. This is why we are still struggling for the most basics of our needs provided by the nature, while the latter has to offer endless sources of materials and energy.

The issue is that we could not see the world in a different and better standpoint. Whatever was the heritage of our passage from chimpanzee to Homo sapiens is still there, even though we added many things to this primeval underpinning of our mindset.

A fundamental change is necessary if we want to get out of this harmful vicious circle. But why we did not do it before? The reason is that we are in some way trapped in mental patterns that are highly but unconsciously influenced by our animal heritage. A great part of our daily behavior, but also our intellectual intricacies, are shaped by these entrenched components that come from millions of years of our beast life before just a few thousands of our human one.

Therefore, without knowing what we are doing, we reproduce many features of our pre-human heirloom and as long as we don't get a deep awareness of its ingredients and

modus operandi, we will continue to crawl in our miserable bantam coin of the infinite universe without having a chance to get to a higher level of existence before vanishing from the surface of the earth, due to the accumulated mistreatment we imposed to our planet.

The question is now if there is any tactic to bypass our attitude of duplicating the same mental patterns that brought us to this unfortunate situation.

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The author thinks that we cannot do it alone; not in a firm meaning of the term but in an effective one. Because not only we kept our infertile and unrealistic worldview in our mind, then again we also implemented it in many institutions that are far from being ready to modify whatsoever. Even if some great brilliant minds can leap forward to offer a new approach of the world, the absolute majority of people and the crusted institutions are there to quell any attempt of serious change, either actively through rejecting the new ideas and discrediting it, or passively, by ignoring it as much as possible.

We are then historically stuck and no perspective of change is there before the radical climatic change or a stupid atomic war puts an end to our mere presence. We need then an outcast force to intervene to save us and reorient our destiny. But who, or more precisely, what?

For decades, some people were desperately waiting for the UFO that would bring us their extraterrestrial wisdom and raise our civilization to an upper-grade thanks to their much more advanced technology, by teaching us how to resolve much more efficiently our challenges and getting to a civilizational better-off. But time passed, and the famous question of “where they are” continues to be poised regarding the aliens savior.

In the absence of them, we should again come back to ourselves to fix this issue before it gets late. The suggestions are there and here we develop one of them:

As Artificial Intelligence (AI) keeps growing with the unprecedented technological capacity of the data treatment, one can think if they can do what we can't: **thinking differently**. Will AI be able to conceive and see universe and world otherwise, in so original way that we could never do?

Several concerns are raised regarding this suggestion:

- 1) AI is made by mankind and the latter won't be able to create something so different from the mindset that created it.
- 2) If too powerful, AI can get the capacity of bypassing its creature; in this case, won't be able to dominate and enslave humankind for its own benefits, the ones that we cannot even imagine what they will be?
- 3) Once we leave our fate in its hands, could AI destroy everything by a fatal miscalculation or so? What can stop or prevent it and how?

Let's see if these three worrisome are relevant or not.

Regarding the first one, we should know that the huge capacity of data processing can try a gigantic number of possibilities for each part of a new conceptual construction proper to AI. This capacity enables the latter to fashion the new concepts that we did never invent; as a result, it will be having new conceptual tools at its disposition to form a completely different scheme of the universe. Even though the data it will use are the products of our human activity, the aggregation that AI can make out of all these data will be far from the capacity of our mind to do it.

Our brain is surely an amazing complex machine, but extremely primitive when it comes to data treatment and data processing. Moreover, we follow unconsciously some perceptual patterns that our physical structure on the one hand, and our primary socialization/education, on the other hand, instilled in our minds. AI can be equipped with the capacity of reviewing all the algorithmic patterns in itself and be allowed to produce some new ones. We can plan to free AI from any unnecessary limitation by providing it the capacity of rejecting any copycat restricting models in order to build its own.

Such operational freedom dedicated to AI brings us to the two other above concerns according to which we should be apprehensive about the probable deviance of AI from a constructive development to a dangerous one. We should recognize the seriousness of this risk and the legitimate fear that it raises, but our anxiety should not paralyze and condemn us to a certain demise. Even though we should think about any possible security measure with this regard, we should not transform this precaution to a glass cell where the AI cannot really break through our worldview since we wanted to limit it to some degree of complexity or

perfection. We should not forget meanwhile the main objective of this undertaking which is to generate a vision that we would never be able to produce.

After all, what do we have to lose since with our archaic mind we created all the serious and grave crisis necessary to make our civilization evaporate from the surface of the earth? The similar concerns can be multiple, but all of them can be alleviated when we know that the pathway we are nosediving in will destroy us as well. So, why shouldn't we try this new possibility if we have one chance out of two to save this agonizing world in which we are doomed to disappear?

Now that we treated the concerns and negative aspects, let's have a glance at what could be a positive and successful outcome as well. There are several points that this AI's redefinition of the world can clarify:

- 1) What is the expansion of the universe in which we are? We don't know it exactly because we are taken into our own man-made theories that put limitations on what could be the real dimensions of the universe and beyond. By the fabricated principles like Big bang we created the scales that could rummage some

excerpts of reality but don't represent it accurately; we don't have yet the capacity of aggregating all the pieces of shattered data and knowledge we produced about across the world. AI will gather and use all of these data, and find the most comprehensive image that we can have on the macrostructure of the universe and its dimensions.

Once this is done we will have the opportunity to see how small or big the existing incongruity between our conception and its. If the difference is trifling, it means that we are really dealing with physical hugeness that cannot be explored easily; and if it's even bigger, it means that our smallness is so huge that we should give permission to AI to bring us out from our infinitesimal bubble to a greater sphere of existence, first theoretically, and then, in practice.

- 2) The second correction or redefinition that we can have by this AI undertaking is regarding our vision of microstructure. How deep is the inner fabric of reality? Here again, we are hostage to our artificial restrictions through the abracadabra theories like the *Standard model* that pretend that we have "the smallest" particle that "is composed of nothing", or

the notions like “fundamental particles”, “elementary particles”, and so on. At this day, the scientific resources are propagating that “Elementary particles are the smallest known building blocks of the universe. They are thought to have no internal structure, meaning that researchers think about them as zero-dimensional points that take up no space”.¹ As if it was really the pure magic.

AI would once again upside down our creeds in this field to show us that the inner structure of matter can go far beyond our arbitrarily restricted imagination about it and open the inner horizons of exploration of matter.

Not only they can draw a new depiction of the macro/microstructures of the universe, they can also explore the human history to find out where we deviated from a constructive trail into a destructive one. They can deliver us the answers to the questions that we can never unbiasedly respond to even by our most objective methodology since we are inherent part of these questions and these questions are integral part of our existence. AI will

¹ <https://www.livescience.com/65427-fundamental-elementary-particles.html>

be able to do it if it is allowed to think by itself and without any preconception on these topics:

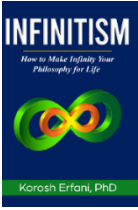
- Why did we make God and Religion?
- What were the positive and negative effects of the invention of religion by humankind?
- Why did we have all these wars and massacres?
- Where did we make the wrong historic decisions?
- Why and how did we get to the current disastrous situation?
- What are the ideas or inventions or innovations or proposals that we missed getting into this mess?
- What will be our future, if we continue running the world like we are doing it now?
- What we should do to avoid the catastrophic future that is waiting for us?

All these questions can be treated on the one hand thanks to a huge amount of data we can make available to AI, and on the other hand, thanks to what it can bring about as the analytical patterns that are dissimilar to us.

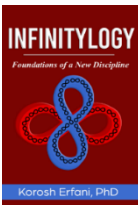
In conclusion, we have a little time before the stupid part of our civilization destroys the intelligent part. That's why we should strengthen the intelligent portion of our existence

through the broad usage of AI in the management of our numerous challenges, again before it's too late.#

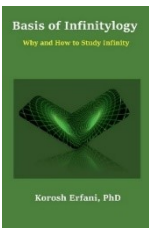
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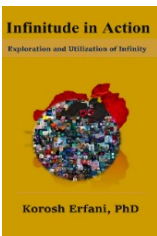
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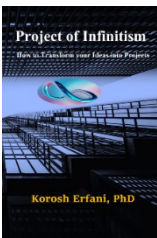
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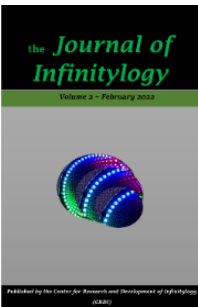


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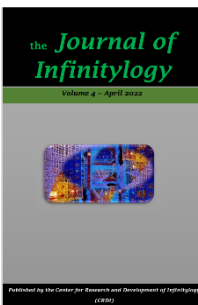
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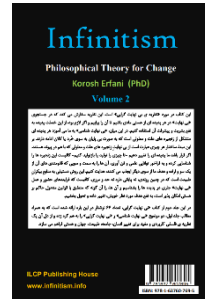


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Our books in other languages



- *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:

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