

Transformers of Reality: A New Perspective on Creation

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Abstract: *This paper presents an alternative view of creation based on The Principle of Relations. It explores the concept of Transformers as mechanisms that reshape reality, from the Big Bang to the formation of galaxies, stars, and life. The paper challenges traditional views of creation and proposes a new model that intertwines physics, biology, and philosophy. The work presents and explores an alternative view and contributes to the ongoing discourse on the concept of creation by introducing The Principle of Relations. The Principle of Relations could potentially reshape our understanding of reality.*

Keywords: Principle of Relations, Transformers, Creation, Cosmology, Biology, Philosophy

Throughout history all societies have creation myths, based on a religion or on science.

We all need a creation story, since we want to understand from where we are coming and what will happen when we die. These questions are deeply integrated in our minds and of the utmost existential importance for our well - being and orientation in life.

There are four different views of the Creation; i. e., God created the world; Big Bang created the Universe; Darwin and The Origin of Species explains how human was created; Hinduism and Buddhism argue that the Universe has always existed.

Today science, mostly physics and biology, have a narrative how the Universe from Big Bang and creation of galaxies and stars are created, based on the science of physics; within biology, starting with Darwinism, the narrative of the origin of species has its explanation how the human was created by evolution.

In the Torah and Judaism, the Bible and Christianity, the Quran and Islam, the Vedas and Hinduism and the Great Stages of Enlightenment and Buddhism have all a story of creation, even if Hinduism and Buddhism mean that the World has always existed, but reborn in cycles.

It seems that all four explanations are lacking scientific basis. The most critical questions are the following:

- 1) How can Everything be created within one week?
- 2) How can the Universe be created out of nothing in no time?
- 3) How can the complex human be created by randomness?
- 4) How can the mechanism of reincarnation be understood in scientific terms?

Now we stand in front of two roads, either we try to deal with these four different views of creation and its questions or we have to find a new view understanding creation.

I choose the second, to find a new view of creation.

Let our first principle be the same as Lucretius in his book *On the Nature of the Universe*:¹

“Our first principle should be this: nothing is ever born out of nothing by the will of the gods. All men are so gripped with horror because they see much happening on earth and in heaven the causes of which they cannot understand and therefore they believe that there is a divine will behind it. So when we have seen that nothing can be created out of nothing, we can more easily continue our investigation, how things are created and come into being without the help of the gods.”

In this paper an alternative view of creation is investigated by The Principle of Relations² and its concept Transformer. All over reality there are transformers. Transformers are the mechanism which transforms and reshape masses from one shape to the next shape.

If we start with Big Bang, which is the moment of the birth of the Universe and its shape, then we can identify billions and billions of transformers all over reality. Within the Universe, there are transformers creating galaxies, stars, suns, planets, air, water, trees, flowers, stones, species, the human body and all its organs.

Transformers create everything that exist, but are also transformed by nature itself.

This new concept TRANSFORMER, means that there is interaction between the pathway, its infrastructure and the packages - they are woven and interconnected together.

Packages enter the pathway in order, then by the infrastructure they are organized and transformed into a new shape; a new entity occurs, e. g., cells, organs, humans and species.

The basic model of a transformer can be illustrated as below:



There are transformers all over reality. DNA is one transformer transforming masses to new cells; Black Holes are transformers transforming masses to new galaxies and stars; Transformers transforms masses to new inorganic shapes, e. g., changes of the Earth. Transformers transform species.

Any flow of packages consists of masses which stand in relation with systems. From system *a* the flow of masses moves to system *b*. This is valid for all masses in the Universe, e. g., galaxies, planets, suns, moons, atoms and elementary particles.

Now we must explain the entire principle of relations and all its concepts.

By using five basic concepts, i. e., mass, flow, relation, transformer and shape, this new view of the world has been found understanding reality. These concepts are sufficiently and necessary understanding reality:

- 1) Mass
- 2) Flow
- 3) Relation
- 4) Transformer
- 5) Shape

For each level and for each system there is different masses/matter and for each level and for each system adequate masses/matter occurs. So, the atom uses quarks and leptons when an atom occurs and the solar system uses the Sun, planets and moons when it occurs.

The concept of relation relates to reality by showing that there are relations between all parts in the physical reality, where:

- 1) **a, b, c** ... are any system, subsystem, unit or part in any field of the Universe, e. g. suns, planets, moons, galaxies, atoms, molecules, cells, organs and species.
- 2) The relation, **R**, is a flow (wave) of packages, p_{1-n} , e. g. quarks, protons, neutrons, electrons, photons, proteins, fats, polysaccharides, between a, b, c ... in any field of the Universe.

Based on the postulate – *nothing exists in isolation; everything exists in relations* –in combination with 1 and 2 above, the principle of relations is $X = aRb$, where X stands for gravitation, forces, interaction and energy.

The Principle of Relations claims that between all systems and between all parts of any system, S, there is a continuous flow of packages p_{1-n} , i.e., in aRb , $R = p_{1-n}$, and thus the formula is

$$S = ap_{1-n}b$$

S is a complex of relations between all parts and elements in the system, i. e., the a, b, and c are complex systems, which send and/or receive flows of packages, i. e., p_{1-n} :

$$R = \sum p_{1-n} = p_1 + p_2 + p_3 \dots p_n$$

The big challenge is now to identify all the *p* in all relations and to identify, certainly and concretely, the logic of

$$S_1 = (a_1R_1b_1) R_2(a_2R_3b_2) \dots$$

Flows of packages are transformed by transformers, ending up in new shapes, e. g., new galaxies, new species and new surface of the Earth.

Transformer is interaction between the pathway, its infrastructure and the packages, i. e., they are woven and interconnected together.

Once we have identified the Transformer and the flows in all parts of reality, we know how the Universe, the Earth, the Nature, the Society and the Human Body behave.

Shape is the result of the transformation by the transformer, e. g., new cells, new species, new galaxies, new suns and new planets. The transformers are, to make it very clear, once again, DNA, Black Holes and Transformer of the surface of the Earth.

Then, the number of transformers is billions multiply billions multiply billions ...

Some examples:

- 1) Before Big Bang, which is the moment of birth and shape of the Universe, a transformer transformed masses from dark matter, ending up as the Universe. The contemporary theory argues that the Universe was created out of nothing in no time. This view is the opposite then the view of Lucretius who argued “nothing can be created out of nothing”.
- 2) The same happens in the so - called black holes, which not are black holes but transformers, when masses are transformed to stars, as we have seen by the Hubble Space Telescope.

The Principle of Relations has predicted that black holes create stars³, as now have been seen by the Hubble Space Telescope:

“Hubble catches a black hole creating new stars. *The black hole at the heart of this dwarf galaxy is kick - starting star formation instead of cutting it off.*”

The illustration below is based on Hubble Space Telescope observations of a 200, 000 - light - year - long “conrail” of stars behind an escaping black hole. Credit: NASA, ESA, Leah Hustak (STScI)



However the image of a black hole has often been shown like this:



The questions I want to raise is if do black holes actually exist or is the image based on optical illusions and invalid equations? These two images do not have the same interpretation of black holes.

IF black holes have singularity and a strong gravitation that *nothing, not even light, can come out*, **THEN** no stars can be created.

These two images have the exact opposite position. How can we deal with this conceptual lack of clarity? We need to use The Principle of Relations.

- 3) DNA is a transformer transforming masses to new cells. *When the content of masses change, it will change DNA, which then will create a different cell and also finally a new specie.*⁴

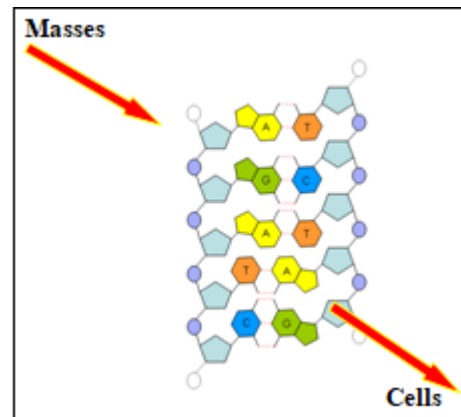
The principle of relations claims that the structure of the chemical components A, T, G and C organize how *incoming masses* are built. At a certain size, the cell has to divide, since it cannot handle to much incoming masses. Then, *genetic information is the physical structure of the chemical components A, T, G and C*. Even if sequences of A, T, G and C can be considered as a four - letter alphabet, it is concrete, solid and coactive chemical components, which allow flows to move in specific order, guided by the structure. When cells have to divide due to lack of space, new cells occur guided by the structure.

This will solve the problem of storing information, since there exists no information; it is the infrastructure of the chemical components, which automatically organizes incoming components.

When flows of components arrive into the structure of DNA, they will follow the pathway within DNA, each taking its position when properties fit. Spiral flows, consisting of chemical components, arrive and follow the infrastructure finding its place and position.

The Principle of Relations claims that DNA is an infrastructure, i.e., *the mechanism which directs and leads packages of molecules*, to be called *transformer*, i. e., *DNA is a transformer transforming masses*.

The model below is one example of the infrastructure of DNA:



- 4) SP is species, R is the relation between SP and Nature, N. N has impact on SP by R. SP will change as a consequence of N: s impact.⁵

With the language of the Principle of Relations we can summarize the change, not the evolution, of SP.

$$SP_{\infty} = (aRb)^{\infty}$$

Where **a** is N, which by R, i.e., p_{1-n} = flow of packages, will change **b**, to another species SP_2 or changes in attributes such as the size and shape of finches' pecker.

$$N \rightarrow SP$$

$$SP_2 = a_1R_{1-11} \rightarrow b_1$$

Now we must study how R affects the genes and how new mutations occur, *not as a random*, but as a logical and *deterministic* effect of Nature, via R.

S_{DNA} - the system of DNA.

aRb , where **a** is N, R is the content, i. e., p_{1-n} = flow of packages, and **b** is S_{DNA} ; the formula is then $N_{1-n}RS_{DNA}$.

When the content of flow changes, it changes DNA, continuously and carefully, step by step, then the new structure of DNA changes the pecker of the finch.

When anything dies, it will be transformed to a new shape. Death is equal to Big Bang and is the birth of new shapes. *As the intelligence of Nature creates species, there is also an inverse relation, i. e., when any specie dies, Nature will take care of them. This is of course comforting.*

This reminds us of Genesis 3: 19: "For dust you are and to dust you shall return."

Sometimes it is said this way: "From Earth You Came and to Earth You Will Return."

However, we need to understand the mechanism which make it possible, both the creation and the inverse relation. Then, the Principle of Relations is one attempt.

So, when we try to find out how to unite science and religion this might be a starting point.

- 5) The Earth changes, when R with its packages arrives via the "doors", i. e., the gates, of the cover. Crust, mantle,

outer core and inner core are continuously changing the Earth by R.6

Below is a picture, which illustrates the phenomenon applying the principle to the Earth:

Figure of the geological world 255 million years ago, Pangea:

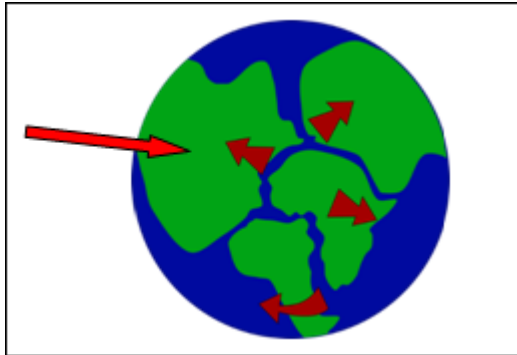


Figure of the geological world of today, where the red arrow makes the transformation:

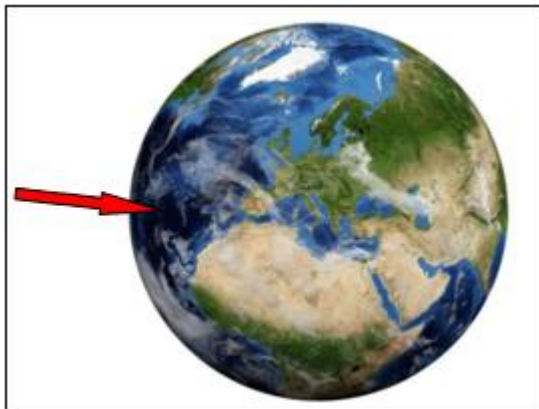


Figure of the Earth in the future, where the red arrow makes the transformation:



Notes

- 1) *De rerum natura*, i. e., "On the Nature of the Universe", by Titus Lucretius Carus.
- 2) Thomas Nordström: *Reality and the Paradigm of Relations*, Nova Science Publishers, New York, 2021. The Principle of Relations A Theory of Everything - YouTube
- 3) The Principle of Relations Predicted that the So - Called Black Holes Create Stars (ijsr. net)

- The Principle of Relations Predicted that the So - Called Black Holes Create Stars - YouTube
- 4) DNA Transforms Masses (ijsr. net)
- The Intelligence of Nature Creates Species, IJSR, Call for Papers, Online Journal;
- The Intelligence of Nature Creates Species - YouTube
- 5) Why the Earth Changes, IJSR, Call for Papers, Online Journal

References

- [1] Thomas Nordström: *The Principle of Relations*, 2018. Cambridge Scholars Publishing.
- [2] Thomas Nordström: *The Theoretical Foundation of Physical Reality*, author HOUSE, 2020.
- [3] Thomas Nordström: *Reality and the Paradigm of Relations*, Nova Science Publishers, New York, 2021.
- [4] Thomas Nordström: *The theoretical foundation of medicine*, Nova Science Publishers, New York, 2022.
- [5] Search Results for Thomas Nordstrom: International Journal of Science and Research (IJSR)
- [6] Titus Lucretius Carus: *On the Nature of the Universe*. Bokus, Stockholm, 2008.