17. MODIFICATION OF THE SPECTRUM OF ANALYSIS AND THE APPEARANCE OF NEW PROPERTIES SPECIFIC TO THE COMPLEXITY LEVEL

THE LOGIC LANGUAGE OF THE UNIVERSE - THE LANGUAGE OF GOD

Semantics of universal language

Prologue

We are in some of the most dramatic moments in the history of humanity and the planet Terra.

We have learned to think linearly and dichotomically, to weigh and measure rather than to understand relationships between events, phenomena, cultures, people. We have come to the performance of developing an artificial intelligence that cannot be made to have consciousness, but that can solve problems and obey the orders of paranoid and powerless ignorant people who in this period are ready to destroy the ecosystem first, then the planet itself.

We have to understand that Terra is not a boulder thrown into space but a technology created with infinite knowledge of the cosmic universe. Before, we called him God without understanding him, but at least we learn to observe and respect the word of God. In this paper we will learn that the conscious universe exists and has the ability to communicate with everything in the communication universe, including living or non living matter.

The earth is created and has not appeared by accident:

• the earth's core is a material generator with transuranic elements. There is no gravity in that nuclear reactor because matter is attracted equally from all sides.

• when the earth approaches the sun, it has an excess of energy that it catches, turning it into fusion into heavier transuranic elements. When it is away from the sun through fission it generates energy thus keeping a constant temperature of the lava. (we now understand the risks of using the death-beam military technology that throws large streams of full-spectrum proton targeting the Earth's core (Full Spectrum Neutron Projectile Ray) because we have seen the effects of an atomic bomb; over 3000 bombs exploded after 1944 in peacetime.

• the earth is a dissipative system formed by the temperature gradient between cosmic cold and the lava constant temperature. Dissipative systems are unstable and broaden their area of stability to the conditions of formation through dynamic rebalancing (if you want to see what it means you can find on youtube). However, continental movements are generally slow. But now due to HAARP technology Africa breaks in two, America follows, where Yelowstone, a mega volcano, can erupt anytime, where California can break by the continent, a global catastrophe that will affect all the earth irreversibly.

• also thanks to HAARP, THE RAY OF DEATH, and other technologies that emit vibrations or target the core of the Earth and modify the grain of the soil, the water retracts deep into the earth and we now have global drought. From here we see how glaciers melt, how the water level will grow by many meters, reducing the surface of land, how mass migration will start in the chase after food and water, and how people will kill each other for the chance of an extra day of life.

• magnetic pulse guns can at any time destroy everything that generates electricity, including the internet, which will lead to total chaos and destruction of civilization.

• the Earth generates smaller dissipative systems that are life forms which work together to provide a zero environmental footprint and reduce pollution by lowering the effect of global warming. Every lifestyle studied carefully to the cellular level is a wonder of technique. If you disrupt the collaborative balance between life forms, what happens will be the ecological catastrophe that is already happening. One year ago a species died every 20 minutes, now the rhythm has increased.

What you will read further is a complex way of thinking that will require you a lot. Because reality is extremely complex it cannot be written simply. What is simple you will find in: art of thinking https://www.hkrdi.org/ and in https://www.sustainability-modeling.com/media/TheAlphabetOfTheArtOfThinking.pdf .Anyway we understand that simplistic thinking has led us on the brink of disaster and that if we do not improve our thinking we will all be gone.

Approaching the understanding of the universe through the algebraic fractal theory reveals details out of quantitative approaches and leads us to semantic approaches. Everything starts from the meaningful loading of projective relationships, and the first approach identifies itself in interpreting the graphs of the projective straight line automorphisms. To observe that the entire theory is perfectly consistent and absolutely logical, it can be easily verified by all scientists.

LATTICE AUTOMATA

Algebraic fractals are strongly structured and tend to form packets of information with a number of common features. In turn, these packages are structured into information packet structures with new derived new features related to how information packets are structured. Something similar can be found in the analysis of how to connect and pack at the level of complexity of DNA, but it also occurs in proteins that go up to the level 4 structure.

Final packages that are very complex form an environment in which information is kept stable due to informational neighborhoods. If a defect occurs in this type of highly structured structure, it seeks to be removed by correction, which if it can not be done , it creates a first class of lattice automata.

Lattice automata of another order can occur when the structure that evolved from a level to the next level does not have a deterministic path, but there is a portfolio of possibilities for iterative evolution on several levels. In this case, iterative options that can give rise to an infinite number of iterations become a permanent feature of the algebraic fractal. The phenomenon is similar to the derivation of the functions that can be done by a finite number of times in the case of polynomials, or by an infinite number of times in the case of exponential or trigonometric type functions, which can be stable at exponential or cyclical at the iterations of the derivations to the trigonometric functions.
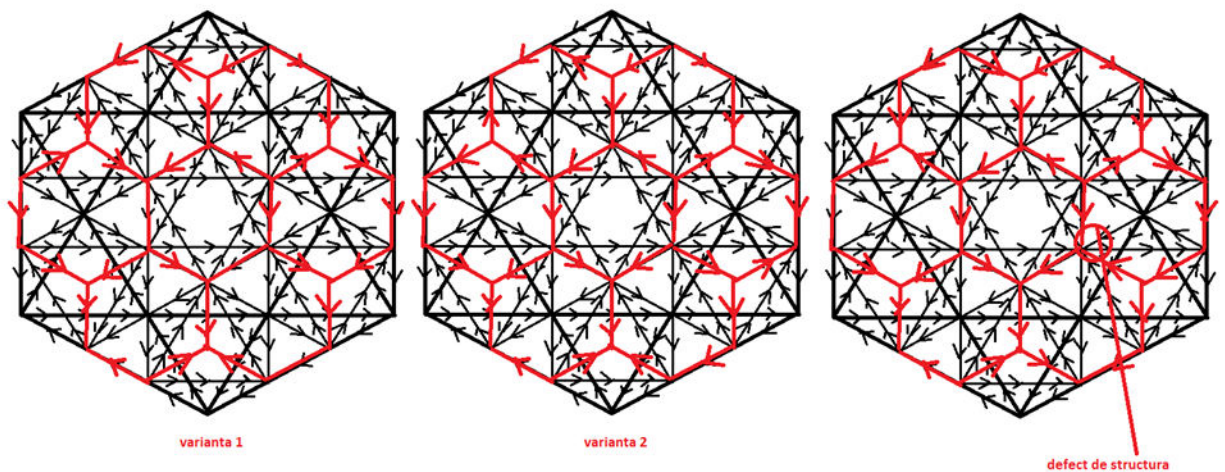
The tendency to carry the defect and to recover the information equilibrium is noticed by the transmission of the defect through the silicon crystal, which made possible the emergence of electronics.

Due to the lattice automata, the universe is adaptive and generates elastic phenomena.

AN EXAMPLE

In this example, we see two variants of building, in other variants, a network of sustainable hexagons (red) connected to the edges, as well as a defect where the outline of the right hexagonal sustainability contour is no longer respected. Fixing this defect carries the defect to another hexagon on the grid.

The existence of several types of jointing of sustainable hexagons with common edges also creates several types of organization of coherent information space. Some of these organizational patterns can generate structural defects and then generate lattices automata.

varianta 1   varianta 2   defect de structura

Lattice automata can multiply the defect, in which case it will be able to propagate radially (waves), or carry the defect by a linear beam (beam of light) or tree shape (lightning). It may be that two defects cancel each other (particle-antiparticle). Linear representation does not exclude the three-dimensional, but makes it simpler to understand.

Theory of informational representations, information fields

Information fields are the word of God in the real meaning. Graphical representation of feedback is discontinuous but forms clusters of feedbacks that can be translated and understood regardless of the medium in which they manifest themselves, if they have the same level of complexity as to create a dialogue. The feedbacks below are linear, this is just a more user-friendly representation in IT applications. When clusters of circulating information pass through the coherent space of the information on the vectors, coherent or incoherent packets of information that becomes matter (long-life particles such as neutrons, or short lives like most elementary particles) form in the nodes.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2870	342634	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2871	342635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2872	352634	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2873	352635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2874	642364	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2875	642365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2876	652364	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2877	652365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2878	643264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2879	643265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2880	653264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2881	653265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2882	224242	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0	0	0
2883	224252	0	0	224224	224225	0	0	0	0	0	0	0	0	224234	224235	0	0	0	0	224264	224265	0	0	0
2884	225242	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0
2885	225252	0	0	225224	225225	0	0	0	0	0	0	0	0	225234	225235	0	0	0	0	225264	225265	0	0	0
2886	334343	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324	334325	0
2887	334353	0	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2888	335343	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324	335325	0
2889	335353	0	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324
2890	664646	0	0	0	0	0	0	0	0	664664	664665	0	0	0	0	0	0	0	0	0	0	0	0	0
2891	664656	0	0	0	0	0	0	0	0	0	0	664664	664665	0	0	0	0	0	0	0	0	0	0	0
2892	665646	0	0	0	0	0	0	0	0	665664	665665	0	0	0	0	0	0	0	0	0	0	0	0	0
2893	665656	0	0	0	0	0	0	0	0	0	0	665664	665665	0	0	0	0	0	0	0	0	0	0	0
2894	224243	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0	0	0
2895	224253	0	0	224224	224225	0	0	0	0	0	0	0	0	224234	224235	0	0	0	0	224264	224265	0	0	0
2896	225243	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0

As can be seen from the figures next to it, the information packs can have absolutely different levels and structures. But it is noticed that not all information circulates in a compact way, the information flow paths are determined although the rest is empty information space.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2591	646325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2592	656324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2593	656325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2594	243224	243224	243225	0	0	0	0	0	0	0	0	0	0	243234	243235	0	0	243264	243265	0	0	0	0	0
2595	243225	0	0	243224	243225	0	0	0	0	0	0	0	0	0	0	243234	243235	0	0	243264	243265	0	0	0
2596	253224	253224	253225	0	0	0	0	0	0	0	0	0	0	253234	253235	0	0	253264	253265	0	0	0	0	0
2597	253225	0	0	253224	253225	0	0	0	0	0	0	0	0	0	0	253234	253235	0	0	253264	253265	0	0	0
2598	246224	246224	246225	0	0	0	0	0	0	0	0	0	0	246234	246235	0	0	246264	246265	0	0	0	0	0
2599	246225	0	0	246224	246225	0	0	0	0	0	0	0	0	0	0	246234	246235	0	0	246264	246265	0	0	0
2600	256224	256224	256225	0	0	0	0	0	0	0	0	0	0	256234	256235	0	0	256264	256265	0	0	0	0	0
2601	256225	0	0	256224	256225	0	0	0	0	0	0	0	0	0	0	256234	256235	0	0	256264	256265	0	0	0
2602	342334	0	0	0	0	342334	342335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	342324	342325	0
2603	342335	0	0	0	0	0	0	342334	342335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	342324
2604	352334	0	0	0	0	352334	352335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	352324	352325	0
2605	352335	0	0	0	0	0	0	352334	352335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	352324
2606	346334	0	0	0	0	346334	346335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	346324	346325	0
2607	346335	0	0	0	0	0	0	346334	346335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	346324
2608	356334	0	0	0	0	356334	356335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	356324	356325	0
2609	356335	0	0	0	0	0	0	356334	356335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	356324
2610	642664	0	0	0	0	0	0	0	0	642664	642665	0	0	0	0	0	0	0	0	0	0	0	0	0
2611	642665	0	0	0	0	0	0	0	0	0	0	642664	642665	0	0	0	0	0	0	0	0	0	0	0
2612	652664	0	0	0	0	0	0	0	0	652664	652665	0	0	0	0	0	0	0	0	0	0	0	0	0
2613	652665	0	0	0	0	0	0	0	0	0	0	652664	652665	0	0	0	0	0	0	0	0	0	0	0
2614	643664	0	0	0	0	0	0	0	0	643664	643665	0	0	0	0	0	0	0	0	0	0	0	0	0
2615	643665	0	0	0	0	0	0	0	0	0	0	643664	643665	0	0	0	0	0	0	0	0	0	0	0
2616	653664	0	0	0	0	0	0	0	0	653664	653665	0	0	0	0	0	0	0	0	0	0	0	0	0
2617	653665	0	0	0	0	0	0	0	0	0	0	653664	653665	0	0	0	0	0	0	0	0	0	0	0

There are also compacted information areas that create the measurable part of the universe where scientists use equations that strive to model apparent quantitative data.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2504	652436	652224	652225	0	0	652334	652335	0	0	652664	652665	0	0	652234	652235	0	0	652264	652265	0	0	652324	652325	0
2505	652536	0	0	652224	652225	0	0	652334	652335	0	0	652664	652665	0	0	652234	652235	0	0	652264	652265	0	0	652324
2506	643426	643224	643225	0	0	643334	643335	0	0	643664	643665	0	0	643234	643235	0	0	643264	643265	0	0	643324	643325	0
2507	643526	0	0	643224	643225	0	0	643334	643335	0	0	643664	643665	0	0	643234	643235	0	0	643264	643265	0	0	643324
2508	653426	653224	653225	0	0	653334	653335	0	0	653664	653665	0	0	653234	653235	0	0	653264	653265	0	0	653324	653325	0
2509	653526	0	0	653224	653225	0	0	653334	653335	0	0	653664	653665	0	0	653234	653235	0	0	653264	653265	0	0	653324
2510	342466	342224	342225	0	0	342334	342335	0	0	342664	342665	0	0	342234	342235	0	0	342264	342265	0	0	342324	342325	0
2511	342566	0	0	342224	342225	0	0	342334	342335	0	0	342664	342665	0	0	342234	342235	0	0	342264	342265	0	0	342324
2512	352466	352224	352225	0	0	352334	352335	0	0	352664	352665	0	0	352234	352235	0	0	352264	352265	0	0	352324	352325	0
2513	352566	0	0	352224	352225	0	0	352334	352335	0	0	352664	352665	0	0	352234	352235	0	0	352264	352265	0	0	352324
2514	642433	642224	642225	0	0	642334	642335	0	0	642664	642665	0	0	642234	642235	0	0	642264	642265	0	0	642324	642325	0
2515	642533	0	0	642224	642225	0	0	642334	642335	0	0	642664	642665	0	0	642234	642235	0	0	642264	642265	0	0	642324
2516	652433	652224	652225	0	0	652334	652335	0	0	652664	652665	0	0	652234	652235	0	0	652264	652265	0	0	652324	652325	0
2517	652533	0	0	652224	652225	0	0	652334	652335	0	0	652664	652665	0	0	652234	652235	0	0	652264	652265	0	0	652324
2518	643422	643224	643225	0	0	643334	643335	0	0	643664	643665	0	0	643234	643235	0	0	643264	643265	0	0	643324	643325	0
2519	643522	0	0	643224	643225	0	0	643334	643335	0	0	643664	643665	0	0	643234	643235	0	0	643264	643265	0	0	643324
2520	653422	653224	653225	0	0	653334	653335	0	0	653664	653665	0	0	653234	653235	0	0	653264	653265	0	0	653324	653325	0
2521	653522	0	0	653224	653225	0	0	653334	653335	0	0	653664	653665	0	0	653234	653235	0	0	653264	653265	0	0	653324
2522	242224	242224	242225	0	0	0	0	0	0	0	0	0	0	242234	242235	0	0	242264	242265	0	0	0	0	0
2523	242225	0	0	242224	242225	0	0	0	0	0	0	0	0	0	0	242234	242235	0	0	242264	242265	0	0	0
2524	252224	252224	252225	0	0	0	0	0	0	0	0	0	0	252234	252235	0	0	252264	252265	0	0	0	0	0
2525	252225	0	0	252224	252225	0	0	0	0	0	0	0	0	0	0	252234	252235	0	0	252264	252265	0	0	0
2526	343334	0	0	0	0	343334	343335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	343324	343325	0
2527	343335	0	0	0	0	0	0	343334	343335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	343324
2528	353334	0	0	0	0	353334	353335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	353324	353325	0
2529	353335	0	0	0	0	0	0	353334	353335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	353324
2530	646664	0	0	0	0	0	0	0	0	646664	646665	0	0	0	0	0	0	0	0	0	0	0	0	0

In fact, all feedbacks of the same kind form separate trails that are intertwined in an extraordinary way, as the water trails in the oceans intertwine. Waters in oceans that have salinity or temperature different from the aquatic environment can circulate from one pole to the other without mixing with the rest of the water.

Feedbacks can concatenate each other and carry intelligible information in human language, that is, God speaks to us in social,

biochemical, or mental language (see "https://www.sustainability-modeling.com/media/ TheAlphabetOfTheArtOfThinking.pdf)

The great physical laws of the universe

The universe, the creation of God has laws that come from the Universe Genome. If we look separately at the laws according to the information representation criteria, we will discover the macro laws of the universe. These laws are not represented in words but in highly complex information structures that represent relationships between information.

Although it resembles the laws of physics, what describes the theory of algebraic fractals and the theories derived from it has nothing to do with physics or mathematics, the big difference being the qualitative approach to the quantitative approach. It is time to change the approach to qualitative and relational, as the quantity has created so great a problem that it cannot be evaluated in terms of balance, from ecosystem to behaviors and patterns of thinking going down to organizational patterns and social hierarchies.

One example that has begun to change the world is the "Gross National Hapiness" theory launched by the King of Bhutan, which has succeeded in halving the ecological footprint and creating a happy country.

At the moment we have an unfortunate planet. By changing our thinking we save our future and realize the ideal, that is A HAPPY PLANET.

UNIVERSE DIMENSION

Theories on the dimensionality of the universe show some relevant details

-the point is not devoid of content, on the contrary it represents a complex space at any size, but it aggregates with other points in the linear manner.

-this new dimension of space taken into account from the point of view of modern theories, has specific properties that characterize certain behaviors of the universe.

-dimensions above 3 show that there are hidden properties in the lower dimensions. These properties are manifested even more strongly as you work with much smaller objects.

- the decrease in size of study objects leads to the surprise of the huge wealth of information on the structure and information coordination of objects. Examples are everywhere:

- DNA-derived structures that are of a chemical or informational nature allowing the coherence of circulating information in the cell and in multicellular organisms

-structure of elementary particles that is logically expressed using Lie E8 algebras, etc

But it becomes increasingly clear the role of information about the connection between the components of the information space that begins to confuse with the known physical space.

The functional scheme of the multicursal diagram that has in the nodes the projective right automorphisms (to be completed) describes a space with three dimensions, because the anarchical ratio from which it departs has three independent variables and one dependent on the ones 3. (scheme, automorphisms, feedback).

Feedback structures that create higher-order algebraic fractals describe the structural isomorphism of information packets with basic information.

Successive packaging of information that is compatible with each other and forms structures (the evolutionary universe, sustainability-modeling.eu) (https://sustainability-modeling.com/index.php?option=com_content&task=view&id=34&Itemid=1) and (the universe informational sustainability-modeling.eu) (https://sustainability-modeling.com/index.php?option=com_content&task=view&id=28&Itemid=1) shows the formation of property-generating structures due to internal information packed in cluster of clusters similar to DNA.

The transition from the bi-ratio to the anarchic ratio that creates all possible types of situations, such as phase space, shows the complexity dimensions of the information universe (http://89.46.7.10/sustain/tables.php) modeled by IT by Bogdan Cismariu

OBSERVATION

The theoretical development of algebraic fractal theory is not complete. The potential of the theory is endless because the self-similarity of the Mandelbrot fractals is a particular case of algebraic fractals. There can be links between algebraic fractals both in the case where these fractals derive from each other and if their putting into an interaction formula generates other structures.

Epilogue

The Consciousness of the Universe and Earth Creation of God

-The Engineering of God has left water on earth, but the water has memory to transmit information (Luc Montaigner, Nobel Prize laureate)

-Engineering and infinite intelligence of the universe created by God has left the moon (a satellite that always stays with a face to the earth) and controls the raising and lowering of water

-the God's engineering has left the collective intelligence of bacteria and fungi and the over-control of populations, but also the genetic surgery made by viruses

-the God's engineering has made the human genome to be only a small part of the genome of the microbe that helps him live

- sometimes we ask why the universe has left the pain of the prey and instincts of the predators. The answer is clear, the competition between the prays and the predators develops the general intelligence of the ecosystem.

       Everything, including current crises and dangers, is designed to develop people-to-people cooperation, co-operation between species, and dialogue between beings from the same genome

       In conclusion, God loves us all, of all species, even if some are more foolish and instead of seeking harmony, they run after stupid symbols such as wealth and power.

       Actually God works through his people. There are inventors, some of them I have personally known for many years, who can create energy from nothing, who can completely depollute air and water, which can extract the metals from the cyanide and decompose the cyanide so that only the free and non toxic atoms stay, who can reverse global warming,

who can bring water back to the surface, who can stop the aging of tissues and can prolong active life and much more. They are among us.

The reconstruction of the way of understanding the reality can be done from simple to complex, studying how to generate new thinking offered by the qualitative and correlative horizon of the analysis models.