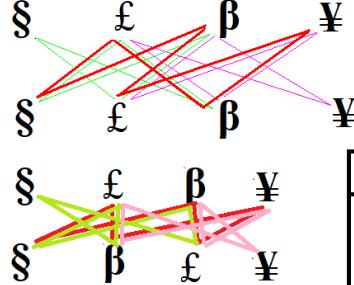
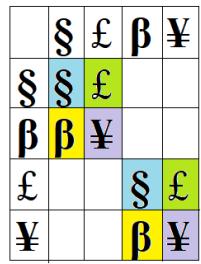


30.SEMANTIC LEVELS



\S = ANej; BMdk; COfl; EJan; FLco; DKbm

\pounds = GQhp; HPgq; IRir

β = TVtv; UXux; SWsw

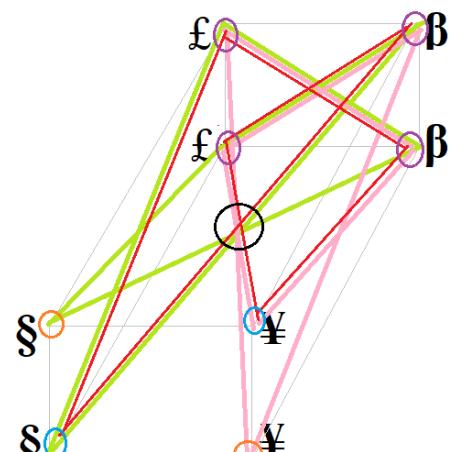
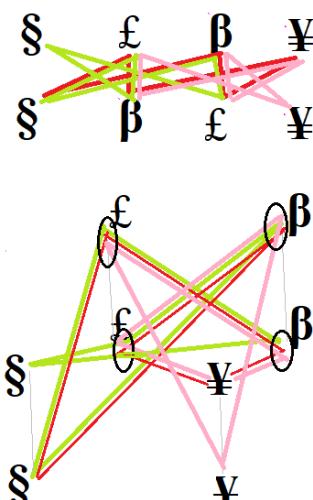
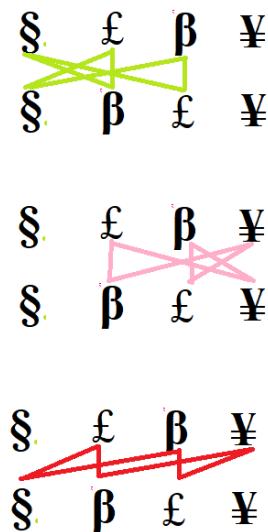
¥ = -; □

○	-	□	■	letter
●	■	□	■	ANEj
●□	■□	□■	■■	BMdk
×	■■	□■	■■	COfl

●	G Q h p	G Q h p	G Q h p	G Q h p
A N e j	2 6 4 2 3 4 A1	2 3 4 2 6 4 N1	2 3 5 2 6 4 e1	2 3 4 2 6 5 j1
B M d k	6 3 4 2 3 4 B1	3 6 4 2 6 4 M1	6 3 4 2 3 5 d1	6 3 5 2 3 4 k1
C O f l	3 2 4 2 3 4 C1	6 2 4 2 6 4 O1	6 2 5 2 6 4 f1	3 2 5 2 3 4 l1

the connections between the packing levels

The meta properties obtained by reorganizing particular landmarks and approaches characterize *symmetry breaks and wise choices* that generate new properties in particular cases. In this case, the possibility of switching from a particular universe to another particular universe is generated through communication bridges in the multiverse.



In the figure above you can follow the connections and transpositions that give the imprint of the informational universe of which we are part.

In step 5, the signs of the automorphisms of the projective line are replaced by the characteristic words that generate intelligible feedback. This gives the possibility of identifying the communication routes and the local information communication structure, leading us to form an informational type vision that can be found at the biological level.

	G Q h p	G Q h p	G Q h p	G Q h p	
A N e j	ce de unde ce cum unde A6	ce cum unde N6 ce de unde	ce cum cand e6 ce de unde	ce cum unde f6 ce de cand	
B M d k	de cum unde ce cum unde B1	cum de unde ce de unde M6	de cum unde ce cum cand d6	de cum unde ce cum cand k6	
C O f l	cum ce unde ce cum unde C1	de ce unde ce de unde O6	de ce cand f6 ce de unde	cum ce cand l6 ce cum unde	
A N e j		2 6 4 2 3 4 A6		2 3 4 2 6 4 N6	2 3 5 2 6 4 e6
B M d k		6 3 4 2 3 4 B1		3 6 4 2 6 4 M6	6 3 5 2 3 4 k6
C O f l		3 2 4 2 3 4 C1		6 2 4 2 6 4 O6	6 2 5 2 3 4 f6
					3 2 5 2 3 4 l6

degeneration or maintenance of the generation information given by the arcs and orientations, at basal subquantic level

The table below is complex and can be explained only in stages, because it characterizes several levels of complexity.

	G1, G2, G3, G4, G5, G6	Q1, Q2, Q3, Q4, Q5, Q6	h1, h2, h3, h4, h5, h6	p1, p2, p3, p4, p5, p6
A1, A2, A3, A4, A5, A6				
N1 N2 N3 N4 N5 N6				
e1 e2 e3 e4 e5 e6				
j1 j2 j3 j4 j5 j6				

	G1	G2	G3	G4	G5	G6	Q1	Q2	Q3	Q4	Q5	Q6	h1	h2	h3	h4	h5	h6	p1	p2	p3	p4	p5	p6
A1																								
A2																								
A3																								
A4																								
A5																								
A6																								
N1																								
N2																								
N3																								
N4																								
N5																								
N6																								
e1																								
e2																								
e3																								
e4																								
e5																								
e6																								
j1																								
j2																								
j3																								
j4																								
j5																								
j6																								

	G1	G2	G3	G4	G5	G6
N1						
N2						
N3						
N4						
N5						
N6						



•	G	Q	h	p
A		X	u	
N	U			x
e		x	U	
j	u			X

structuring the concatenations of the letters formed from simple basic feedbacks following the successive semantic unpacking to the basic level of the feedbacks

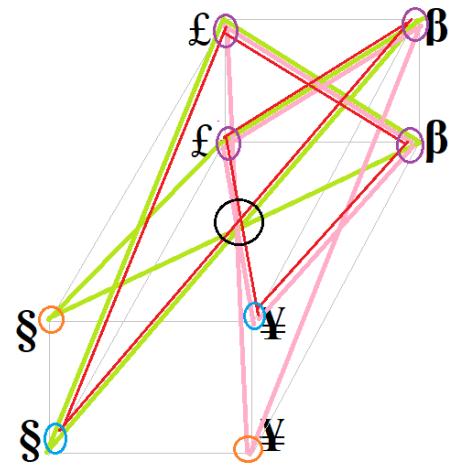
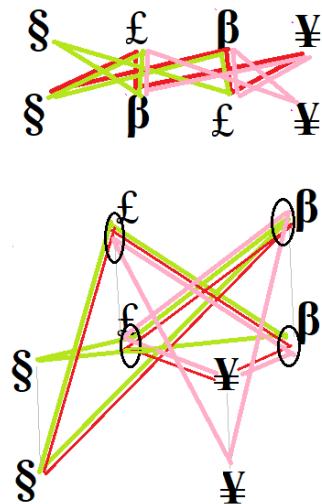
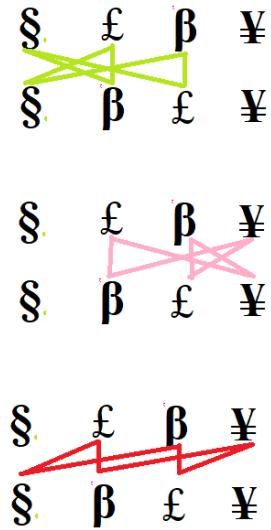
At the lowest level of the feedbacks a special property appears, the concatenation of the feedbacks that is produced by taking the top line of the feedback from column 1 and the bottom line of the corresponding feedback from line 1 yes particularly described in the pink square a modification on the third column replacing each other on f4 with f5 or on f5 with f4. This property leads to an understanding of movement in the space-time universe.

	G1	G2	G3	G4	G5	G6
H1						
H2						
H3						
H4						
H5						
H6						

●	G	Q	h	p
A		X	u	
N	U			x
e		x	U	
j	u			X

●	G	Q	h	p
A		X	u	
N	U			x
e		x	U	
j	u			X

the fine structure of information gaps

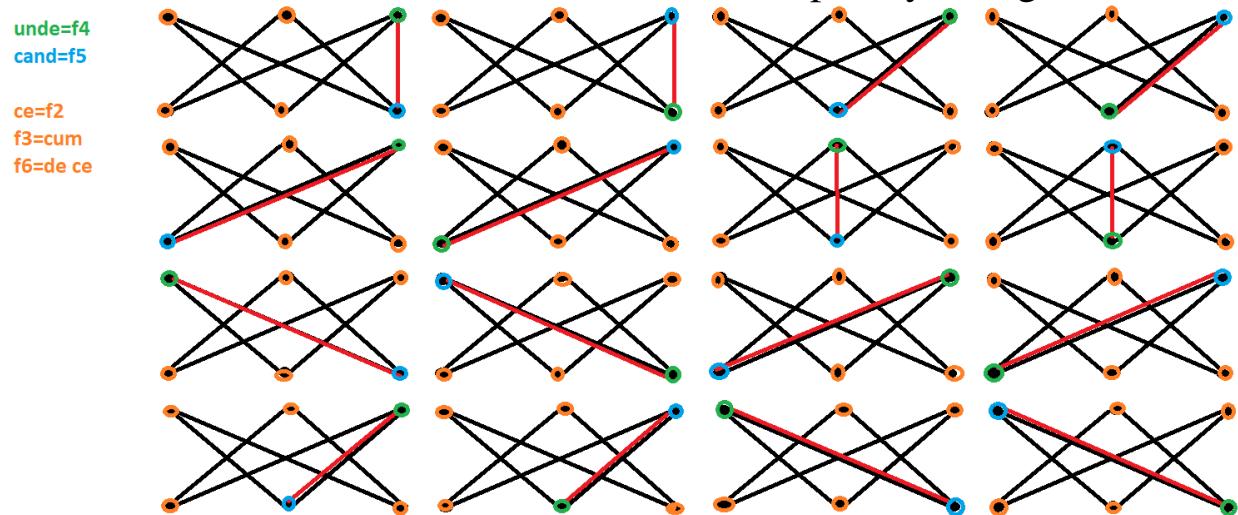


the informational contacts between the universes in the multiverse

The huge amount of information generated and correlated by operation is dramatically reduced by the existence of holes in the different tables. The game between the holes in the tables that allows the identification of the flow paths of the information flows; the contents of the informational flows and the general semantics of the information flows ultimately characterize both the laws of the spaces of each universe and the general dynamics of the multiverse at each level of structuring. In this case, the coherence of each universe and the semantic complexity up to the informational level of the living structures are taken into account.

MULTIVERSE AND ITS LAWS

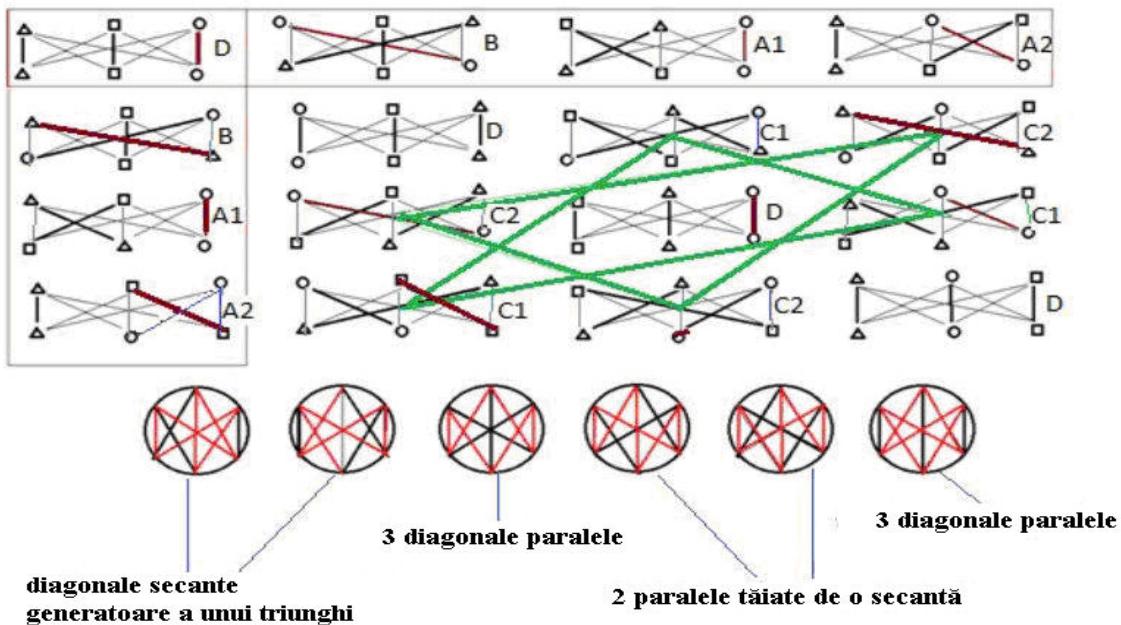
A first stage of the multiverse approach by generalizing the properties is given by the permutations on a line of the feedback structure. This corresponds to the change of the semantic landmarks and of the local logic, implicitly of the tables of colored fields and of the attached properties, but also to the possibility of concatenations between universes in which the existential model is completely changed.



transpositions on the main or secondary line of complex feedbacks at the multiverse level

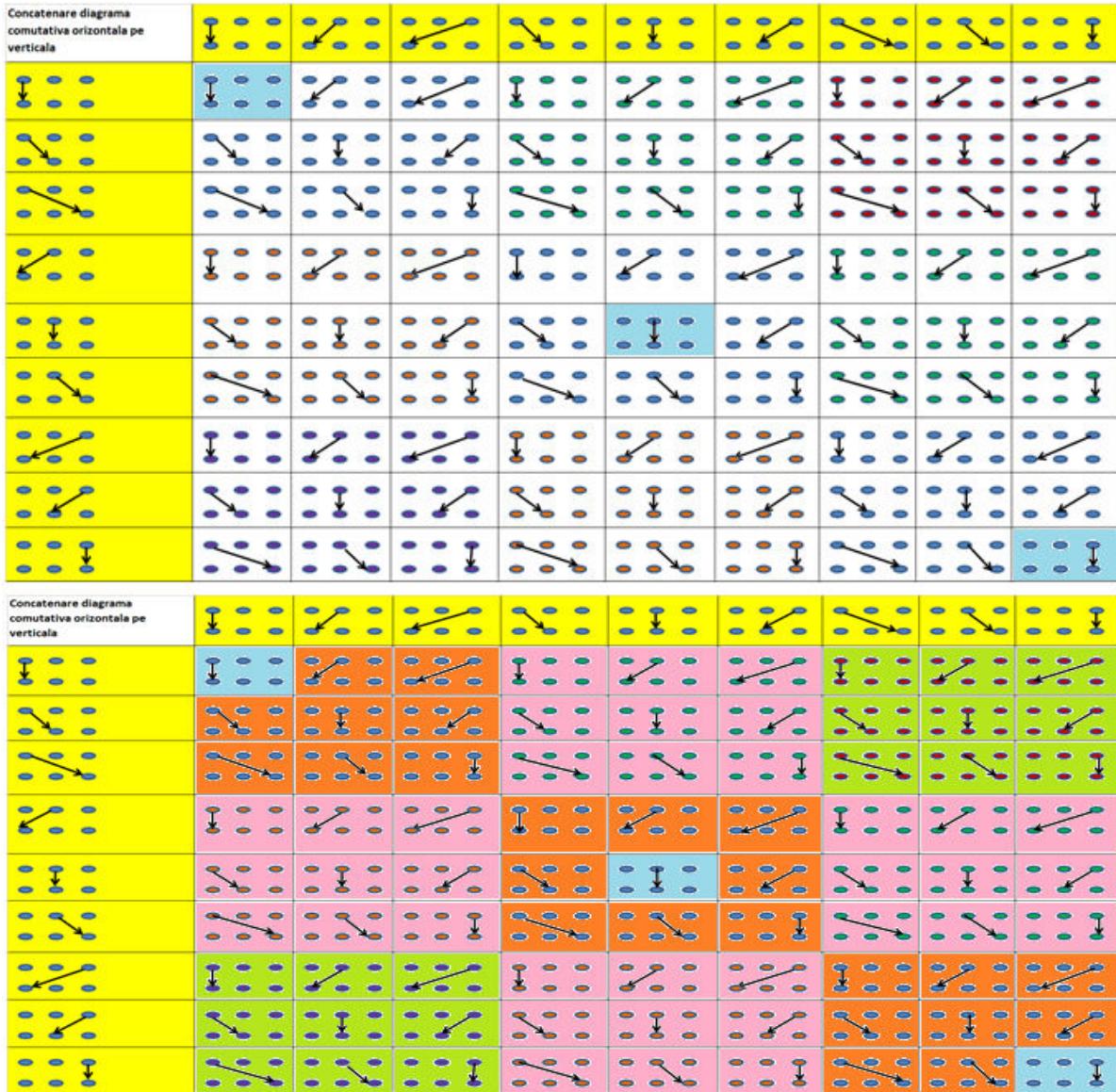
Among other things, the possibility of discovering extremely complex feedbacks within the multiverse appears, but these are not the subject of the present study. Neither is the objective of the present study nor the transition to the next level of generalization, namely the transition from the bireport to the anharmonic report that would generate other properties with other feedbacks.

We observe, however, that the basic geometry of the universe is based on the properties given by the transpositions presented above and that it characterizes the first stage of multiverses that respects the bireport as the basic rule.



the appearance of the geometrical properties of space

If we take a representation of the multiverse in step 1 given by the transpositions of the axis f4-f5 but ignoring the behavior of the automorphisms f2, f3, f6 we obtain a repetition type behavior



macro schematic structures of universes in multiverses

A complete representation of the packaging of the feedbacks represented in the above schemes reveals three dimensions of packaging. They generate three universe shapes that contain the dimensions of matter and time similar to the table of colored fields, and which can be identified as having a vertical arrow in both the generators and the results generated by the "small blue rectangles". The bottom line is that there are three universes that have similar colored field tables, which generate self-generating structures, that is, with matter and time. If our

universe is self-generating, it is very likely that it belongs to one of these three universes (see [Bogdan Cismariu](#)).

The small orange rectangles are represented in the same form as the table of the colored fields, but without the self-generation of space and time as in the table of the colored fields. The pink rectangles are characterized by the double solution for generation (a phenomenon that can be identified also in the table of the colored fields for the double solutions illustrated below).

These double solutions become the generators of matter in the green colored field, or for the orange colored field that represents the two forms of time: Cronos "the time of movement" and Cheiros "the time of transformation", which also self-generates. The vision of the universe or multiverses is much more complex from the perspective of algebraic fractals than the vision accepted at the present moment.

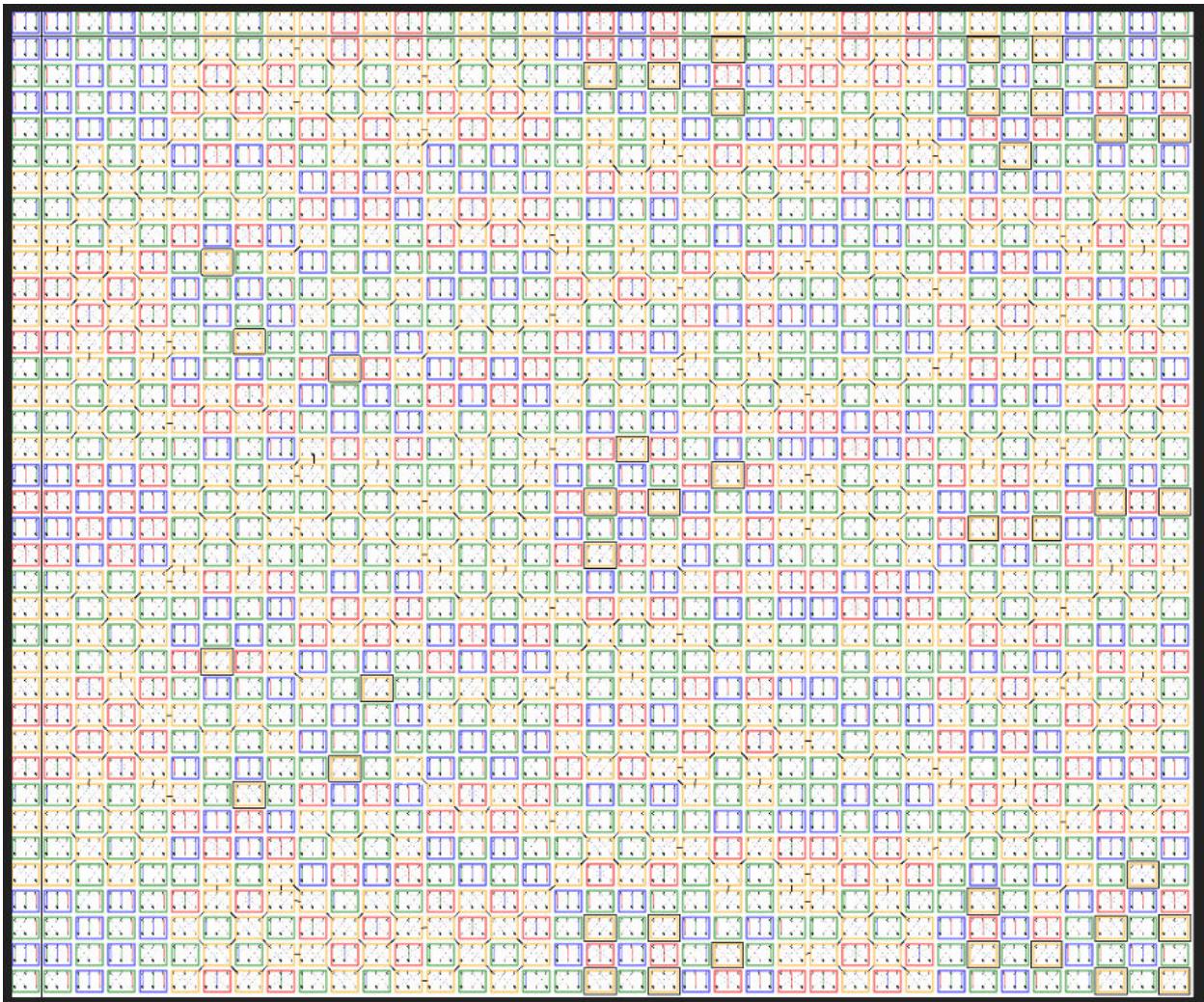
b	•	-	x	II	✓	N	□	□	□	□	□	□	=	□	letter
•	II	N	Z	I	x	•I	□	□	□	□	□	□			Ansj
-	Z	II	Z	-	I	X	□	□	□	□	□	□			Bmld k
x	Z	Z	II	x	-I	I	□	□	□	□	□	□			CQf
II	I	-I	x	II	Z	Z	□	□	□	□	□	□			EJan
Z	I	x	I	Z	Z	II	□	□	□	□	□	□			FLoo
Z	x	I	-I	Z	II	Z	□	□	□	□	□	□			DKb m
-	□	□	□	□	□	□	□	□	□	□	□	□			Dlx
□	□	□	□	□	□	□	□	□	□	□	□	□			UZus
□	□	□	□	□	□	□	□	□	□	□	□	□			SMLs w
-															GQip
□															HPrs
□															DRx
=															=
□															□
	AN	BM	CO	EJ	FL	DK	GQ	HP	IR	TV	UX	SW	YZ	@	
	a	sk	d	an	co	an	ip	an	z	n	an	an	zz	&	

Table of colored fields

Noteworthy in the figure above the existence of space generators, (with two solutions for each cream-coloured box, found in the green field), as well as time generators with a double solution on one of the four pink boxes to the cream. We also notice the existence of a purple field that contains the way of generating time under the forms Cronos (time of movement) or Cheiros, time of transformation.

In the next step it is necessary to separate the coherent fields and identify the generators. It can be observed that the same general pattern obtained by ignoring certain characteristics and preserving only some of

them (transpositions of the feedback diagonals) differs enormously when one goes into preserving the details.



The informational genome of the multiverse

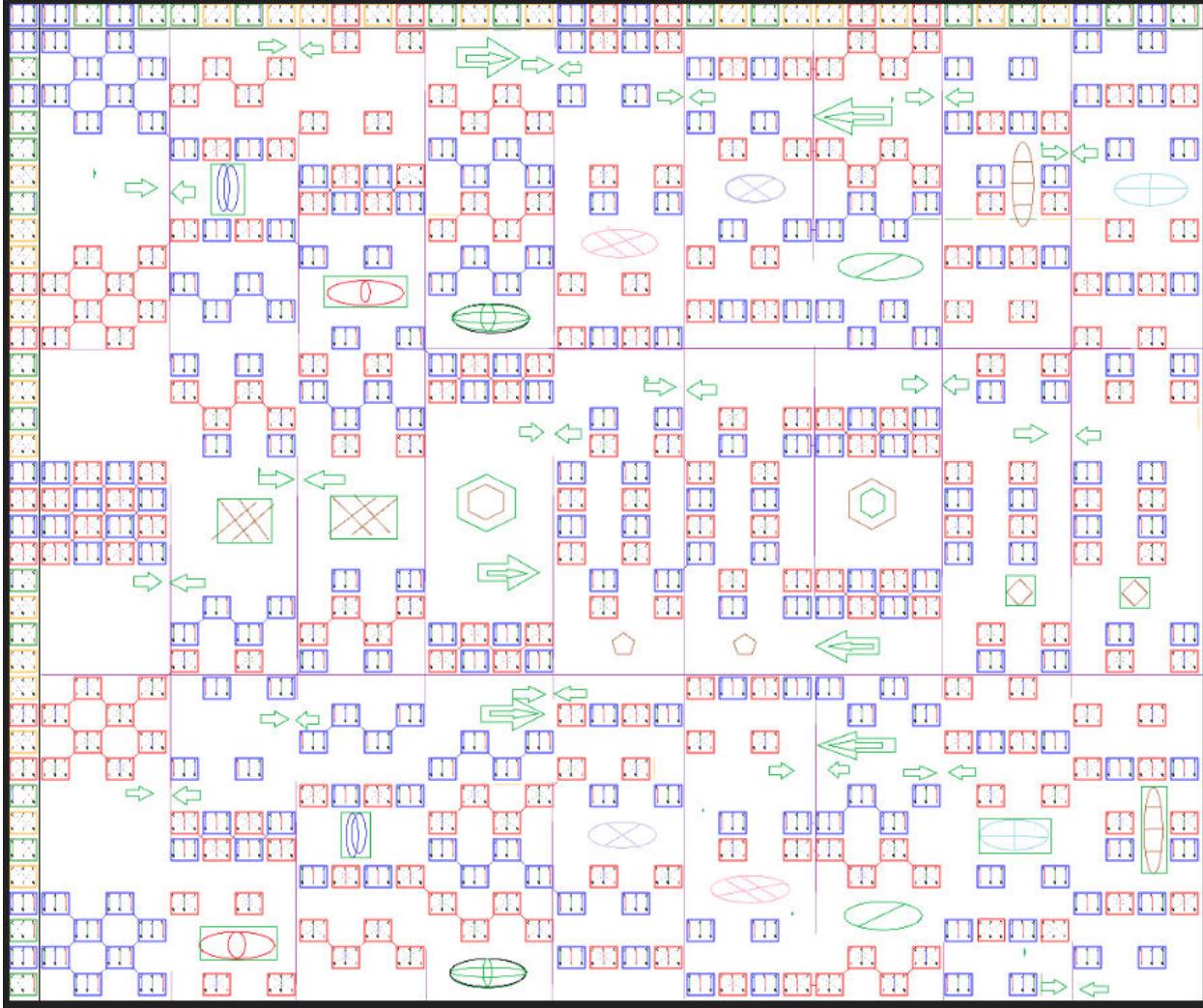
- at each new level of complexity, the universe takes all the possibilities of evolution (derived universes) towards a new more complex structure;
- if the iterations that defined such a possibility can be done endlessly then we get a feature that becomes permanent. If iterations are

possible in finite number, then an ephemeral phenomenon that does not become universal appears;

- when two or more possibilities of evolution (local universes) intersect (influence each other) a big bang is formed, each of the two or more local universes being imprinted in the structure of the other local universes;

- if the influences become coherent then a local subuniverse with complex properties and complex informational fingerprints is obtained (eg the phenomenon of life; Lie E8 algebras for elementary particles, etc.);

- if inconsistencies occur in the information structure then the hybrid universe degenerates and disappears (big crunch);



evolution of information that can be packed or unpacked (big bang, big crunch see Andrei algorithms annex)

The algebraic fractal has the following characteristics:

- a tuple formed between the directed graph, possibly some objects attached to the nodes and a law of concatenation between the graphs;
- a network model that can be built from the concatenation law;

- similar properties are maintained at the network level with those at the graph level.

Examples of algebraic fractals that generate local universes:

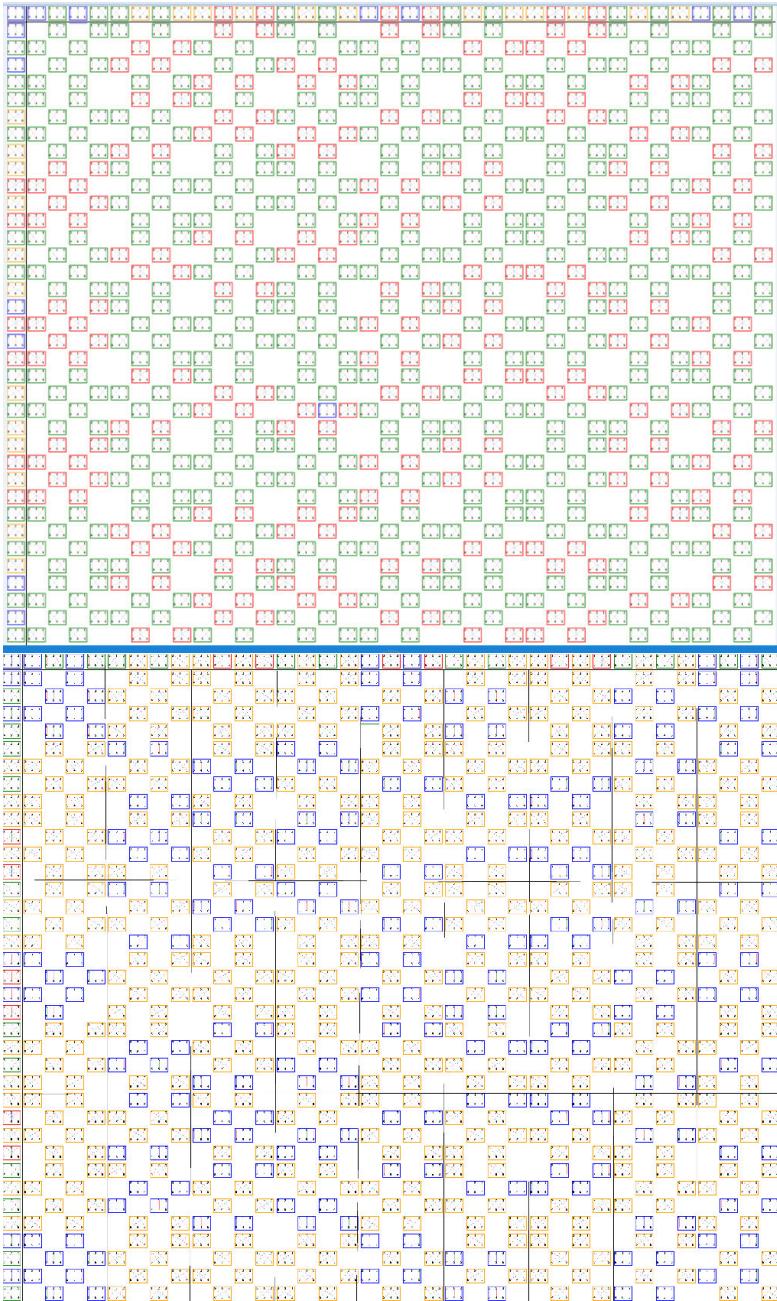
1) The coherent space of information (demonstrated coherence up to level 8, the package of levels repeating later) courses information

ecology <https://www.hkrdi.org/> engl

2) The universal alphabet Bogdan Cismariu

<http://89.46.7.10/sustain/tables.php>

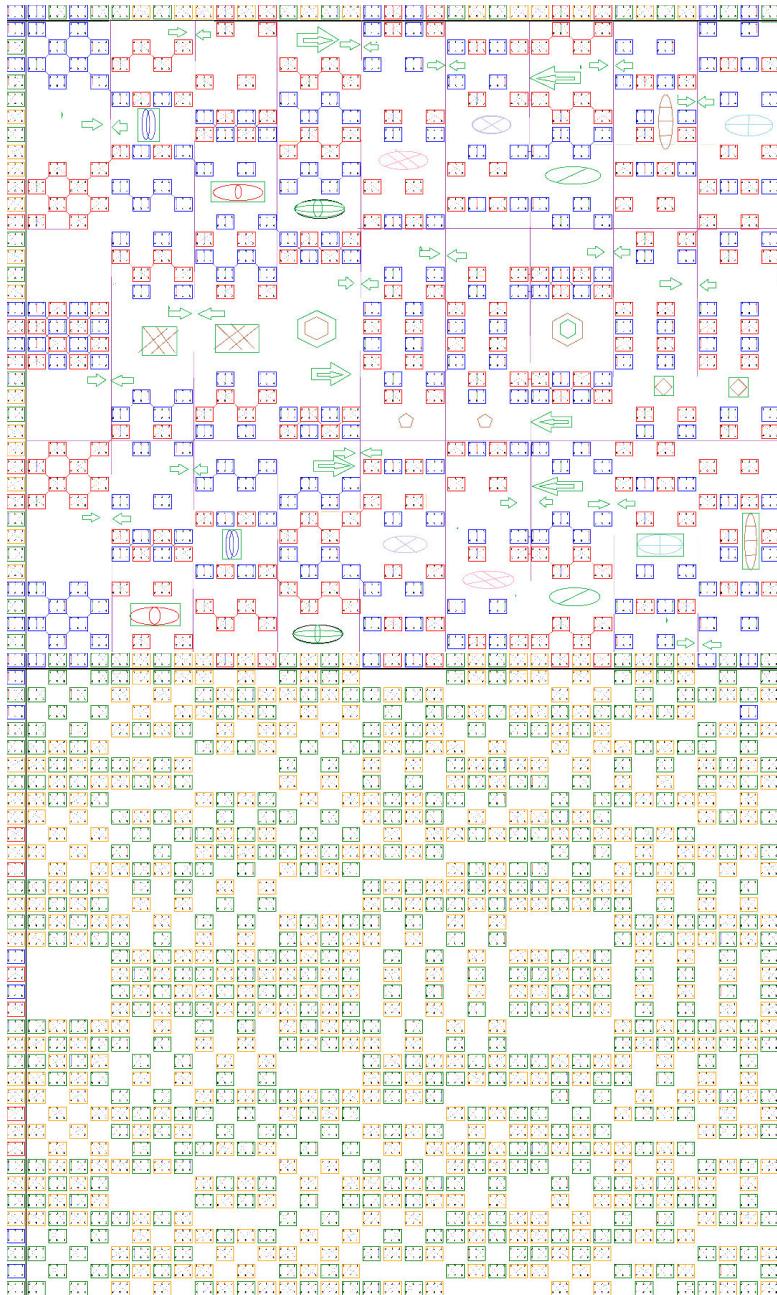
Like the living organism that has an informational code called the genetic code, the informational universe also has such a genetic code. The way the genetic code is organized gives us the general properties of the local universe or the multiverse. From here, extraordinary order and coherence of the universe, of life, which have similar existence, lives and dead, birth and disappearance, evolution and adaptation to the new appear. We see the examples of complementary laws below:



Examples of universal laws with measurable characteristics in the universe, eg electricity and magnetism, or gravity and levitation by frequencies.

It can be observed that the two types of forces are complementary and measurable.

Other examples of complementary laws are:

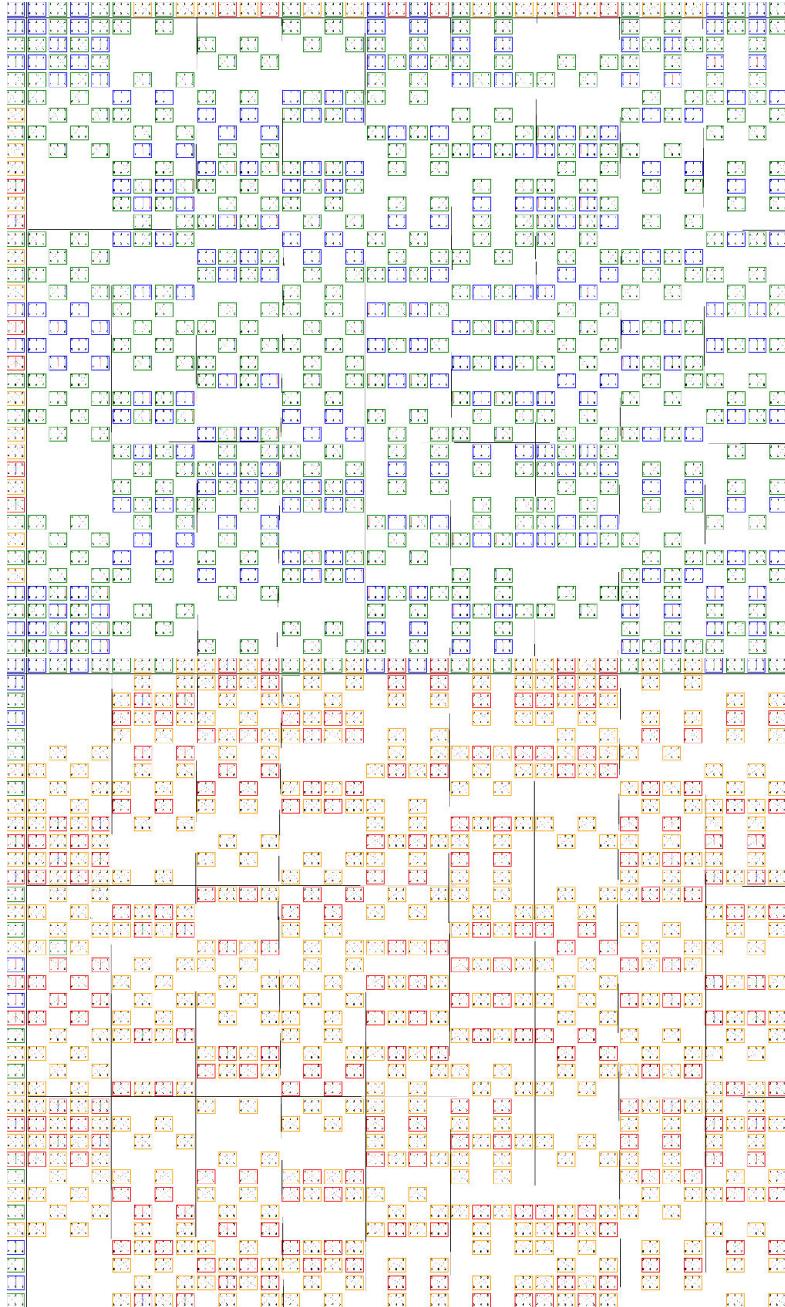


The first law is big bang, the second is big crunch.

In the first table we notice that if we bend vertically according to the guidelines, the red and blue squares do not overlap for the bands in number three on the right and left of the table.

In the second table we observe the reverse phenomena.

The third pair of phenomena that characterize the multiverse can be identified below:



paired forces of the multiverse, matter and antimatter

Universal phenomena are diverse, some of them are evaluable and characterizable in equations, others are unpredictable. This phenomenon occurs both at the quantum level where the phenomena can be described by Feinman integrals and Feinman diagrams, but also at the macroscopic

level, eg. pendulums coupled with unpredictable movements although the equations of motion of each pendulum are well defined.

In the human body, as well as in the universal body, information circulates that we have not yet deciphered as meaning nor as vocabulary, grammar, semantics. However, the new perspective of thinking allows us to make a breach in this direction, see "the art of thinking" and "the alphabet of the art of thinking, the universal language"

In our body information is transmitted through specific informational carriers from the cellular level to the body through multiple means. For example, structured water, hormones, electricity, RNA, microfibrils, and we have to confess that we do not know other ways yet, but they may exist. We do not know yet about the light that passes through the living body and which can very well be an information carrier. Until now, light was considered to have only physical characteristics, not informational characteristics.

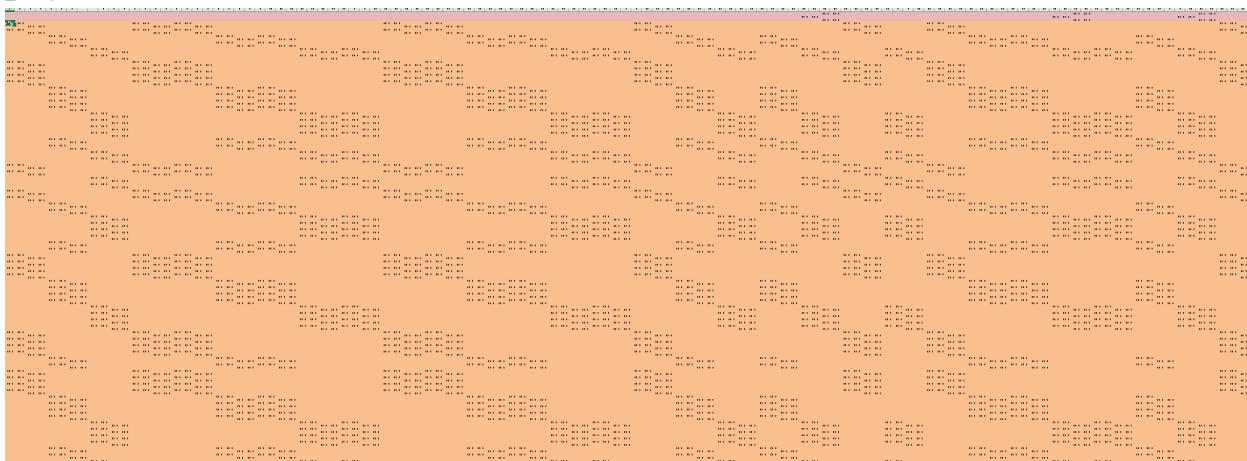


Fig. 25 structuring the circulating information

Large clusters of circulating information organize the universe (see Maria Mitrofan).

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2882	224242	224224	224225	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	225234	225235	0	0	225264	225265	0	0	0	0	0
2884	225242	225224	225225	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	0	0	0	0	0	0	0	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
2887	334353	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	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324
2889	335353	0	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	335324
2890	664646	0	0	0	0	0	0	664664	664665	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2891	664656	0	0	0	0	0	0	0	664664	664665	0	0	0	0	0	0	0	0	0	0	0	0	0
2892	665646	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	665664	665665	0	0	0	0	0	0	0	0	0	0	0	0
2894	224243	224224	224225	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	0	0	0	0	0	0	0	0	0	0
2896	225243	225224	225225	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0
2897	225253	0	0	225224	225225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2898	224246	224224	224225	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0	0	0
2899	224256	0	0	224224	224225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2900	225246	225224	225225	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0
2901	225256	0	0	225224	225225	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2902	334342	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334325
2903	334352	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2904	335342	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335325
2905	335352	0	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	335324
2906	334346	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2907	334356	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2908	335346	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335325

Fig. 26 information that by concatenation forms the "words and semantics" of communication in the universe

If I were to resemble these phenomena with some of physics I would have to think of strings as the first option. This would be valid if the simple feedback (which contained information) would carry messages in the multiverse. There is a lot of evidence on the informational universe, so the hypothesis may be correct in our universe.

For each work situation with universes and subuniverses, it is possible to discover specific physical or informational properties that are preserved, and if hybrid universes occur in the interference of experimental universes. The coherence of the universes generated by several derived universes occurs at the time of reiteration at various levels of granulation or fractalisation. Although each level has its own laws, all levels generated by the same hybridization phenomenon coexist. So the quarks, the elementary particles, the atoms, the molecules ... the galaxies or the big Sloane walls coexist.

This coexistence is due to the structural isomorphism between the levels of complexity that can easily be confused with quantitative laws (eg the law of gravity) because of local or general behaviors similar to structural Isomorphism - see algebraic fractal definition, the property of similarity "are specific information structured with vocabulary, grammar, semantics starting from the letters. The letters of the universe

are about 10 to the power 40, more than the number of atoms in the known universe, but how little we know about the universe or atoms. (see annexed tables of dim.2).

In the tables above of the circulating information there are many unoccupied spaces where no semantems are generated, but which configure the spaces where semantic roads are generated. These empty spaces are not related to the expressions of matter and time, but are the expressions of the fields which are differently colored by the blue rectangles. These fields are related to black matter, black energy and the whole physics part of immeasurable or ineffable phenomena. A complex deepening of these realities that are unintelligible at the present time can be done later by approaching the theory of algebraic fractals, (possibly at multiverse level).

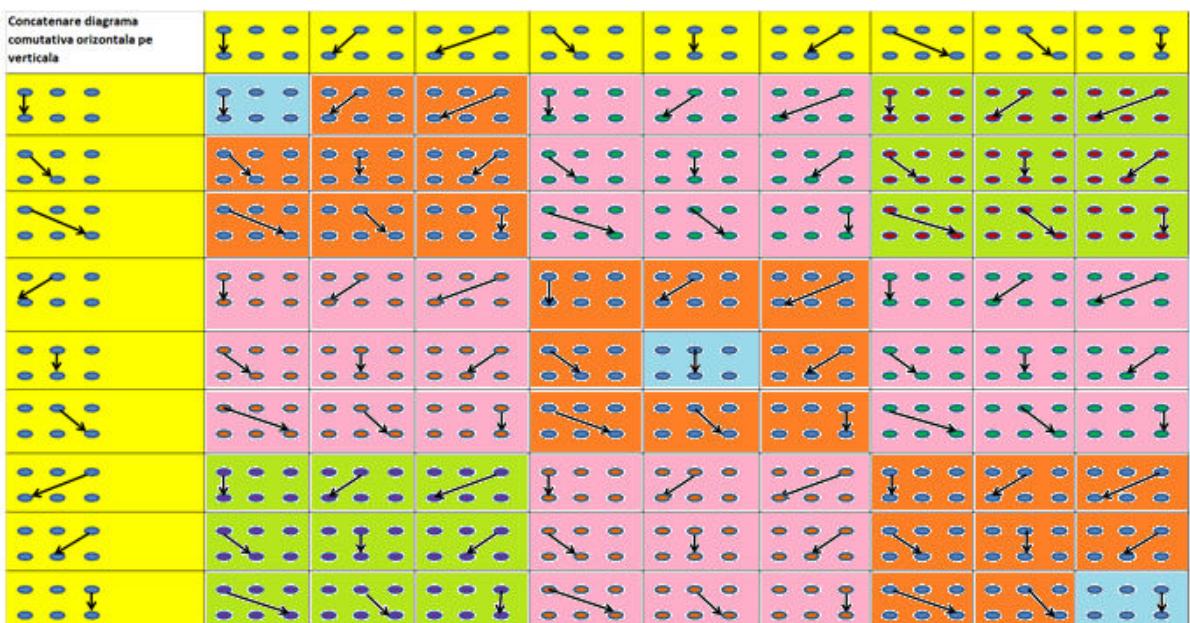


Fig 27 from where the information holes in the multiverse appear

These holes of matter in which the information is present were recently highlighted through the experiments of Nobel laureate Luc Montaigner. He put HIV viruses in a solution that he diluted so badly that all the viruses in the experiment disappeared. The solution, however, retained the viral information that allowed, in the presence of

the essential amino acids, the reconstruction of the viral DNA whose memory was conserved by water.

<https://www.youtube.com/watch?v=R8VyUsVOic0> The bottom line is that information may exist outside of material support. By extension the multiverses can coexist in the same existential support. These properties lead to the conclusion that the multiverse is self-generating and if one of the universes suffers a degradation phenomenon, the interaction with other universes allows regeneration.

Although not all phenomena in the universe are measurable, evaluation through behavioral patterns helps us to better understand the laws of the multiverse, without contradicting theoretical or experimental physics. Chemistry is already concerned with chemical language after the discovery of genetic codes.

Generation of universes from multiverses is done through the reciprocal influences of nearby universes. An example in this direction may be the following:

Generation of aminoacids	Electricity	Air life	Sowing seeds through clouds	Synchronized genetic mutations
Coordinated biochemical reactions	Lightning and ionization	Air	Clouds	Genetic transfer through rain
Cellular, organic or ecosystem metabolism	Fire	DNA and informational structure	Water	Bacteria and micro-organisms
Frequencies and differentiated communication	Crystallization crystals	Earth	Vegetative minerals	The associative microbiome

Migration of rock elements	Rock transformation and formation	Underground life	The GAIA substances and minerals cycle	Collaboration of species for zero ecological footprint
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Fig. 28 concentric information structures that are related to the central concept

Another example that relates to the first example is the following:

Chemical memory structured on 4 levels of proteins	Hormonal regulation of processes	Cellular and tissue respiration, Krebs cycles and oxidative phosphorylation	Remanent memory transport through tissue water	Evolution and adaptation controlled by the microbiome
Cellular and organic metabolic balance	Synaptic biological lasers	Cellular oxidative processes	Osmosis in compact tissues	Symbiotic microbiome with the host organism
Internal combustion, removal of peroxides	Organic and cellular metabolic processes	Informational entity	Internal courses of structured water from the body	The complex ecosystem organism - microbiome, mineral regulation

Mechanisms of cellular frequencies with control and self-control	Map of oligoelements and minerals in the body	The complex process of digestion	Memory printed in bones	Regulation of complexity, mechanisms of organisms
Formation of mineral structures under the influence of organic stress	Transmutation of elements in isolated embryos	The evolution of bacteria in the relationship with the body, the fight between species of bacteria	Systemic regulation of the organism with the help of oligoelements structures.	The processes of growth and aging by resuming some stages or by replacing or eliminating the degenerate components

Fig. 29 derived phenomena connected with those of the first example

The two examples lead us to the vertical connections between two layers that are connected punctually on evolutionary defining characteristics.

This example also illustrates how disparate information can be coherent so as to generate systemic evolution. The two tables presented above may have other tables that are structured according to a systemic

logic. The package of tables that can be browsed on all dimensions of structuring form feedbacks of degree 2 or higher.

The genome of the universe (Fig. 21) is structured according to the same rules. Just as the DNA in the embryonic cell is compacted into genes, then into chromosomes, ending in ribosome, nucleol, nucleus formations, the universe's genome undergoes a similar process.

STAGE 4-SEMIOTICS AND SEMANTICS

Feedback also comes as an essential component in the art of thinking. The simplified scheme of the feedback is due to the antique mathematician Papus and is as follows:

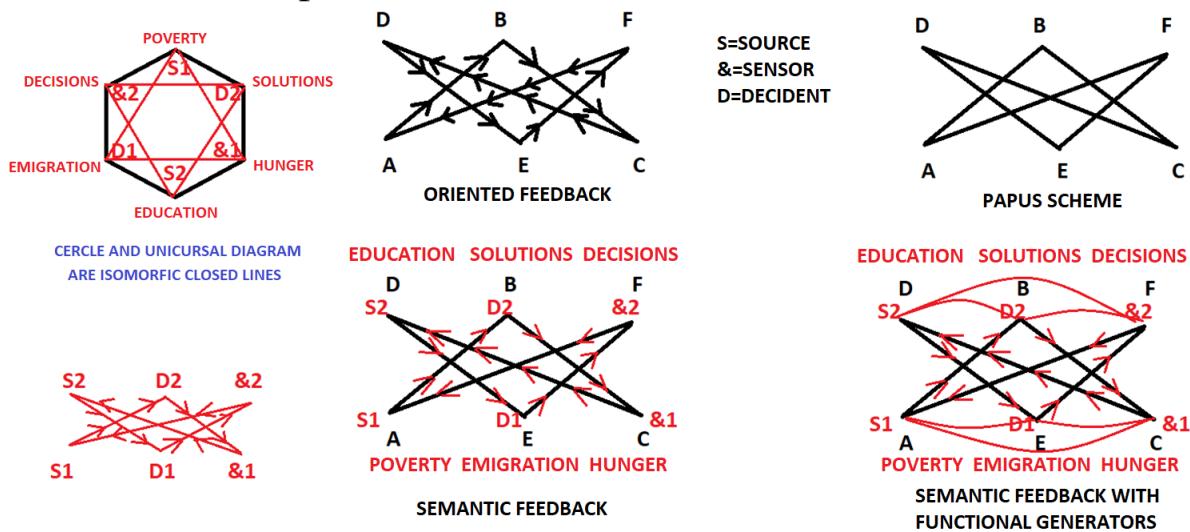


Fig. 30 feedbacks

The meaningful loading of Papus' scheme was done in several stages:

- in the first stage the scheme was oriented, we now know how important the orientation of an arrow is;

- in the second stage it obtained semantic values on two triangles that each form a structure with the trivalent logic not oriented;

- in the third stage the functionalities of the nodes were fixed: the source, sensor, decider on each node in the semantic feedback scheme;

- in the fourth stage the causal functionalities (what, how, why, where, when) for which a phenomenon or behavior occurred in semantic feedback with functional generators were identified. For example, in the schemes above we have:

- education and solutions to solve hunger
- education and determination reduce emigration
- the solutions and the decision reduce the poverty
- poverty and emigration strengthen the decision
- poverty and hunger determine the search for solutions
- education and hunger reinforce the need for education

Remarkable is the fact that the angle from which we look at reality reveals hidden data (unicursal diagram)

It is observed in a semantic analysis that the applicable logic scheme is the following:

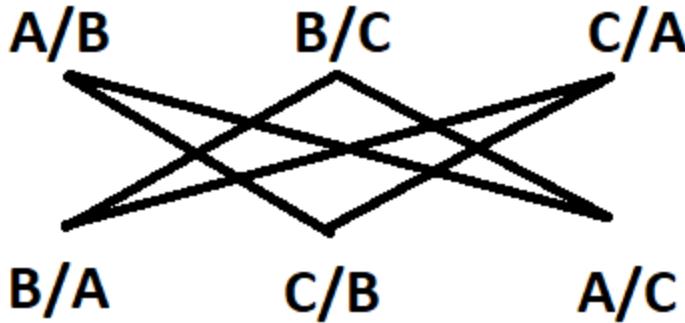


Fig.31 coherent factorization of information

- B / A education and A / B poverty are polar
- Emigration and solutions are polar
- Hunger and judgment are also polar

Each of these poles shows how existing problems can be solved

Although this way of thinking is extremely difficult for humans, for artificial intelligence is common. For this reason, in some areas, artificial intelligence can be extremely useful, even inevitable.

Hexavalent scheme

The reality has multiple facets, there are characteristics that cannot be easily observed but which open different perspectives on reality. Significant details and behavioral or structural patterns replace numbers on the part of qualitative analysis given by multiple logics.

The feedback scheme and the hexagonal scheme, up to a point have similar contents but then derive each different properties to another level.

When there are two triangular schemes with trivalent logic, a hexavalent logic derived from the trivalent one is obtained which generates new functionalities:

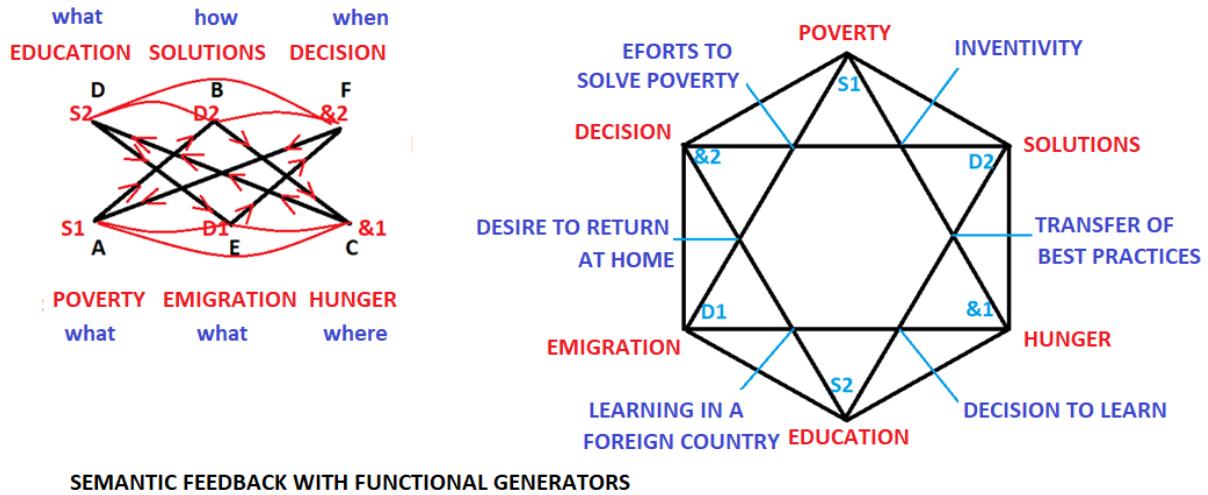


Fig. 32 hexagonal schemes

It is observed that the interference of two triangular structures with ternary logic generates two other triangles with ternary logic:

- the efforts to overcome poverty, hunger, emigration
- inventiveness, determination to learn, desire to return home

Obviously, here we can also find the source, the sensor and the decider which is related to the general scheme in the following way:

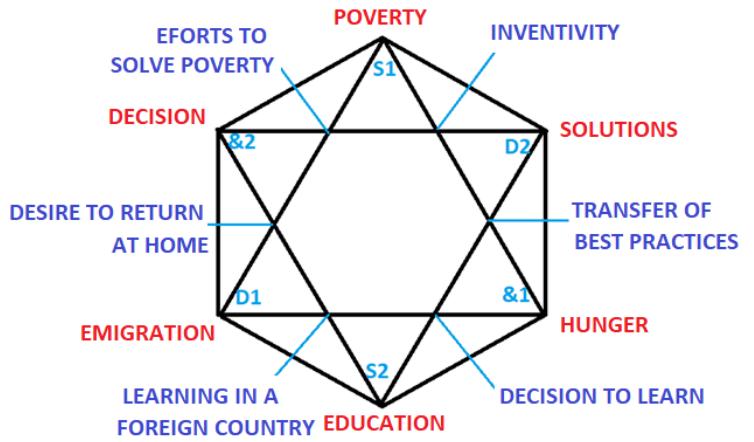
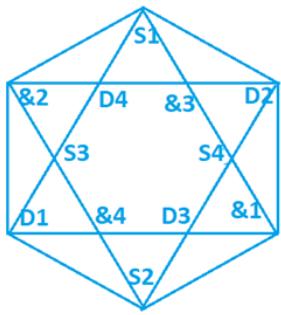


Fig. 33 generating new items

In the interpretation of the scheme interesting connections appear, for example at sensor 3 we have the level of inventiveness that correlates with the decision to return home. Also in the decision maker where there is a portfolio of solutions there is a doubling of the solutions in D4

- a) The decision to return home
- b) The desire not to return home

Again it can be noticed that hexavalent logic preserves the coherence of information and allows its analysis.

The analysis of phenomena can be done much better by an artificial intelligence programmed to be of help to humanity. On the other hand, with the same algorithms, one can program to destroy everything, because intelligence without consciousness has no values. War lords seeking profit from destruction are one such example. That is why the keys of multiple logics should never be left open to the opportunists.

The semantic component of the sub-tables and other informational structures make a significant contribution, as they can help set up a balanced mental map, showing the working way of the intelligent, conscious and sensitive universe that we call God.