40.THE OPERATING RULES OF THE GRANULATION LEVELS

From a functional point of view, the thinking process is built on the coherent space due to specialized structures. This process can be refined on as many levels of granulation, which will generate a fine and punctual or general understanding of the environment.

The coherent information space can be built on as many levels of granulation, with the help of sustainable or metabolic hexagons, connected on the tips or edges. What will be achieved is a stratified structure in which most of the functional meanings are preserved. Where there are opposite directions on the same segment, which belongs to two different layers, the circuit is closed with two vertical wells that ensure communication between layers.

The coherent space of information is structured on 4-level clusters, which are subsequently composed in 8-level clusters with vertical links between levels. The structuring rules of the clusters generate the processing model that allows the circulating software to give processing behavior and capacity through interaction with the coherent space of the information, as follows:
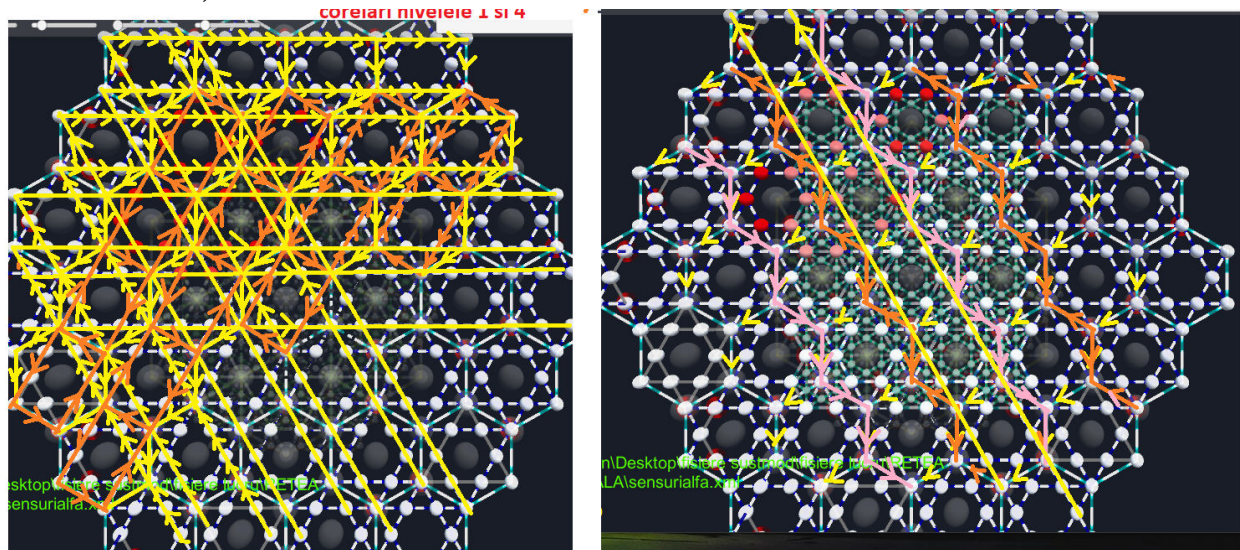

Fig 9

Levels 1 and 4 use the same structure of sustainable and metabolic hexagons. The information flows flowing through the hard infrastructure in the case of information coherence generate the following properties:

- there are rectangular circuits that transmit oblique left-bottom-right up type the various pre-processed information previously transmitted. The process can be described as "information osmosis" and is biological. He retains the structure information that remains unchanged.

- the diagonal broken oblique right up-left down, yellow, are uniquely directed and allow the rhythmic information flows. These lead to the synchronization of the circulating information. At the same time, the other diagonal broken oblique left up-right lower, orange, are directed opposite at each node. This allows the redundancy to be destroyed at each pulse generated by synchronization.
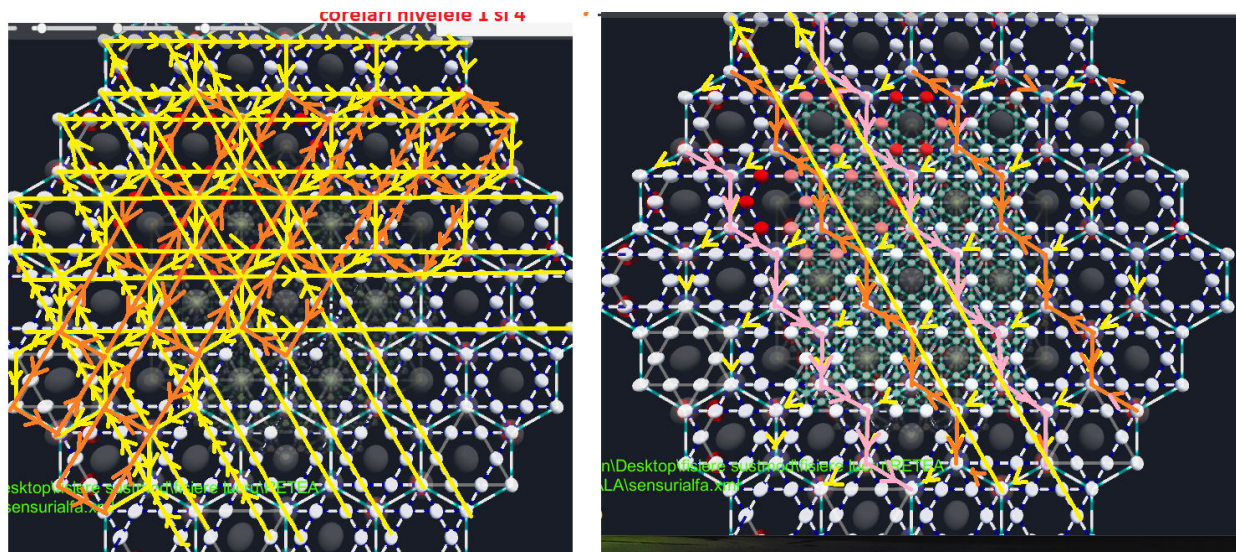

Fig 10

- the horizontal lines are always oriented from left to right, and the vertical lines are permanently oriented from top to bottom. This allows the coherent calibration of the circulating information. The yellow or pink continuous broken diagonal play a role in verifying the correctness

and coherence of the circulating information in the hard structure, implicitly in the immunity to the toxic information.

- pink broken diagonal give a continuous flow. This flow allows the metabolization of information according to rules and protocols related to cycle circuits and commutative diagrams.

These circuits lead to recycling or putting together different information and identifying the hybrid information generated. The role of these circuits as commutative diagrams or cycles is found in the structuring of the memories and the coherence of the information.
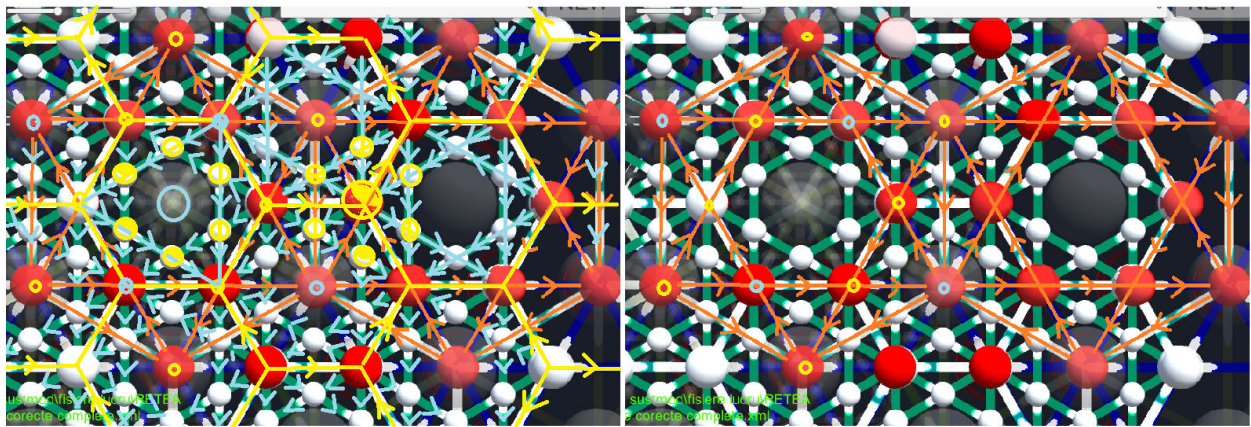

Fig 11

At the level of metabolic networks glued to the sides, which are found within the sustainable networks glued on the sides we also have a number of properties:

- around each main node there are 6 points located in regular hexagon. The informational contents of these points characterize the concept or informational structure of the central point. This central point may belong to the network on levels 1 and 4, or may belong to the next levels 2 and 5, but will always informationally support the central points. This property allows to identify the dimensions and weights of a problem, but also the roads that must be traveled for the complete processing and conclusion of the information.

These roads can be identified by arrows. This property is specific to the coherent space of information and together with the other properties related to the transmission of information essentially contributes to the generation of intelligent algorithms of the universe.
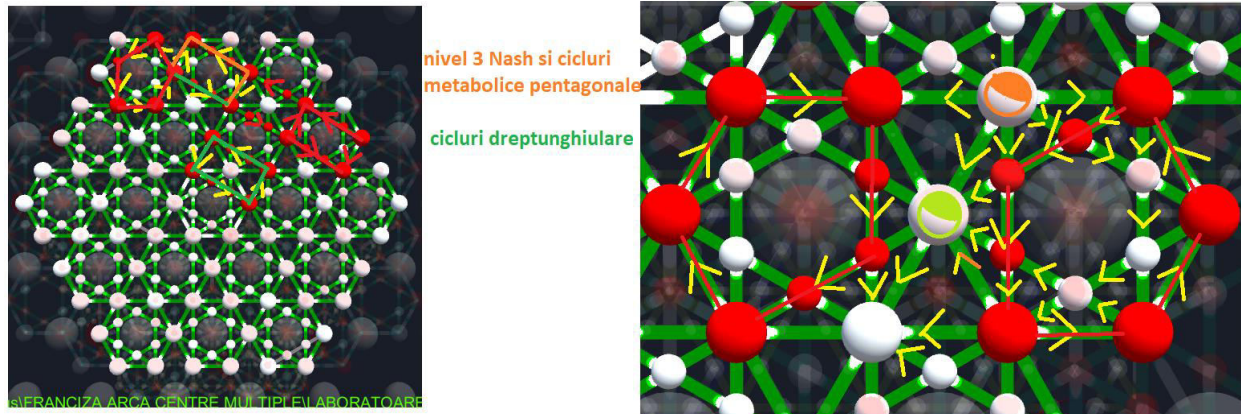

Fig 12

On the levels 2 and 5, other cycle related properties appear as follows

The cycles named by me in John Nash's memory as "Nash cycles" are remarkable. They have two starting points and two end points. Their importance is related to the breakdown in the basic information generating components and their transition through two opposite perspectives, to be finally verified by two separate verification filters. This will allow the removal of incoherent information.

The second remarkable property is related to the pentagonal cycles that generate a complex information metabolism.

This information enters the processing circuit through the orange point (mouth) and exits processed through the circuits containing vectors and nodes with informational content through the pale green point.

The internal circuits belonging to the pentagonal cycle or the sustainable hexagon containing it will filter the circulating information identifying the optimal processing paths. The role of this pentagon is to pre-process.
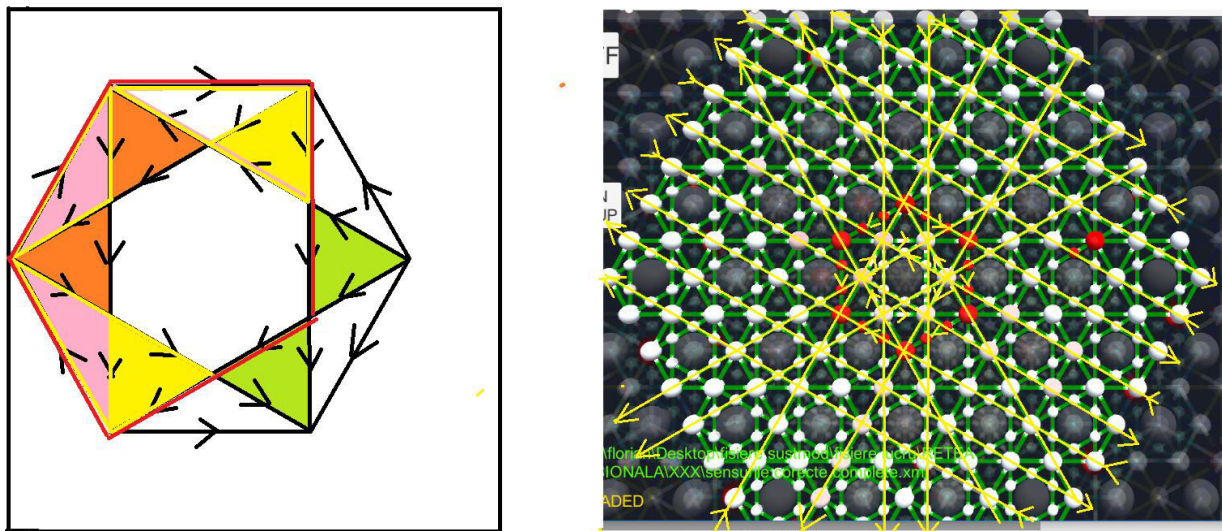
Fig 13

Metabolic hexagons are mainly related to the commutative diagrams that ensure the accumulation of reserves. On the other hand, there are four triangular circuits that ensure the recycling of the resources not used in the process of information metabolism. The process becomes essential in the coherence of information in the 8-level complex network of coherent information space.
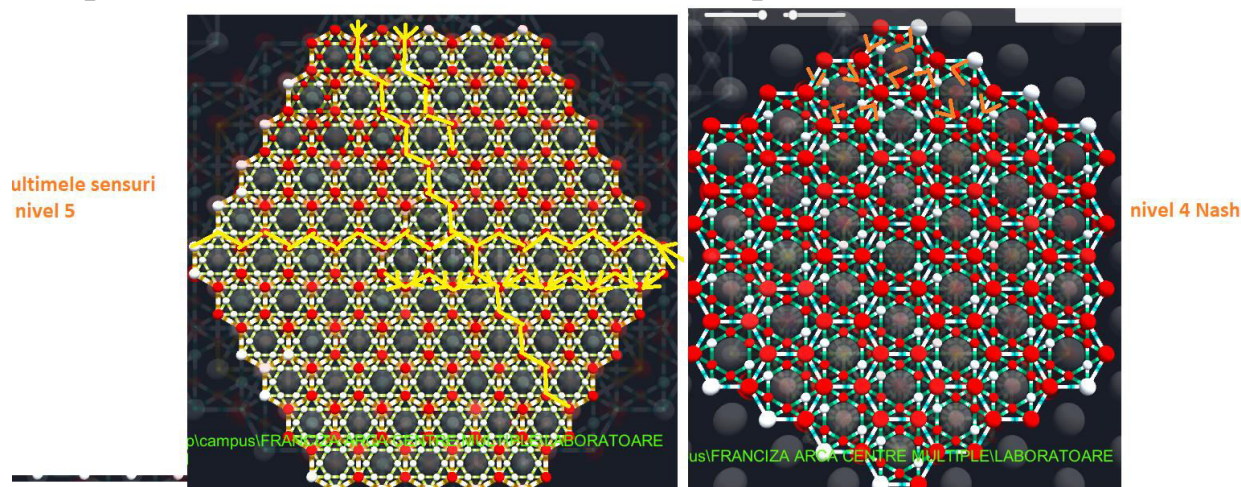

Fig 14

The algorithms intrinsic to the interference between the granulation levels and the complexity of the coherent space also allow the generation

of feedback between layers. This property being tridimensional can be shown only by the recognition of the informational patterns.

These patents are not only dependent on the structure of vectors and nodes, but primarily on the typology of information that accumulates in nodes and is driven by vectors. This information can be from external sources and then we get to decipher the feedback of various degrees. It can also be of internal origin of some systems and then it is identified as origin, role, purpose, metabolism, circuit on the various environments on which it is generated. One can consider not only one's own cultural environment, or the human environment specific to a branch or direction, but also the natural environment, or the cosmic environment. The coherent space system allows to decipher the logics that generated the information, the role of the information, the purpose, the route, the evolution and the finality.

Information on various levels of structure and complexity is the basis of the existence of all complex systems, from cell to multiverse.

On the other hand, the information is evolutionary through the processes that lead to optimization, through the rearrangement in compact structures such as toric structures, through the symmetry breaks that generate other points of view.