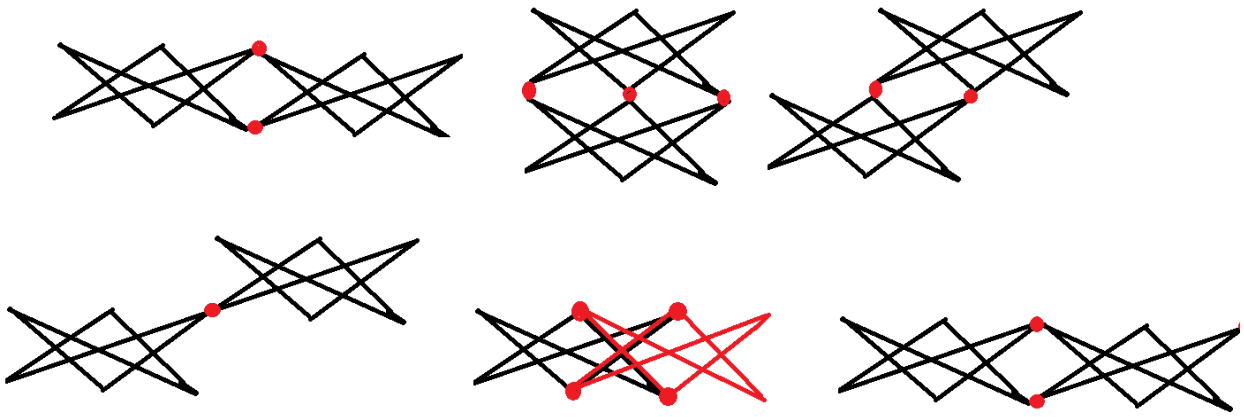
56.THE SEMANTIC UNIVERSE, THE FORMAL OR INFORMAL APPROACH

There is a major difference between the formal approach to reality with the help of form recognition and the informal approach with the help of deciphering information that is hidden in forms and must be deciphered. Formal feedbacks are unicursal diagrams. If we put vectors that connect in circuits, we get to operations with unicursal diagrams, if we add semantic content we get to decipher some histories with semantic content.

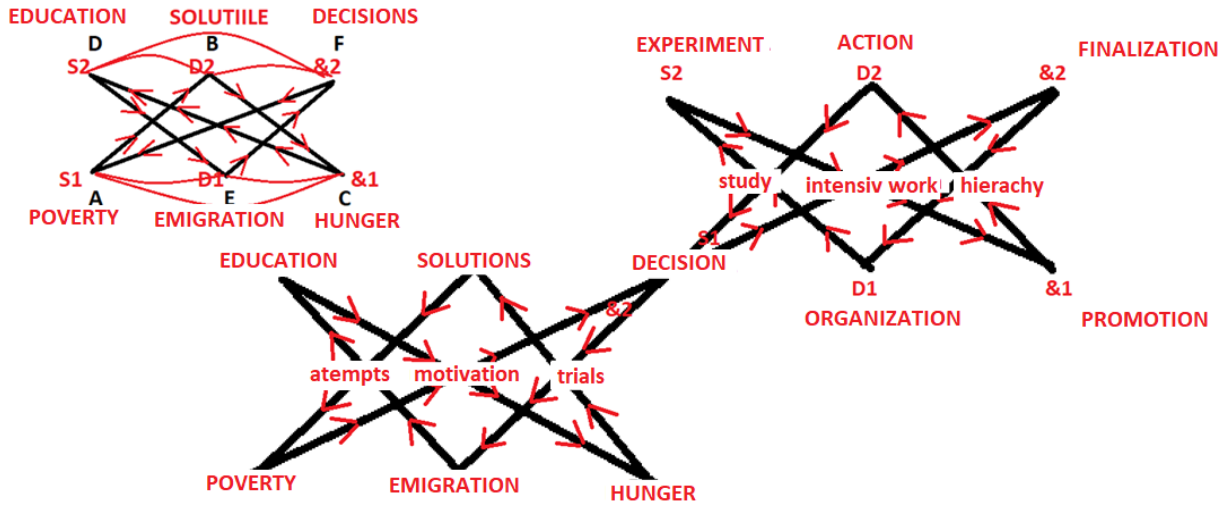
Concatenating feedback

At level 2 of complexity the feedback can be operated by concatenation, that is, by putting nodes with the same content, or by putting vectors with the same orientation and with common nodes.



concatenation models

Each of these concatenation models follows the same semantic rules as simple feedback. For example, concatenation on a node with semantic content will work according to the following scheme:



Initiatory paths

From this kind of approach the coherent space of information is generated. If, at the level of feedback of level 1 and 2, the concatenations could be done only on three buttons, to generate consistent information packages of higher level, in social phenomena concatenations are also made on one or two buttons. The difference is striking between the two approaches.

If at the level of information structures that have both formal and informal components that generate operating laws, which appeared on the optimized spaces, we are now faced with relatively chaotic phenomena. The social or ecological chaos is produced due to the lack of the rule present in the feedback on letters and sub-letters, where the appropriate feedback had to appear at the right places in order to be able to move to the consistency of the higher level information.

At a careful analysis we found that the non-observance of the specialization that can generate representative subletters teams for letters, the conditions for the transition to consistency and efficiency cannot be achieved. One of the principles of managerial accounting states that "there are two major dangers for a company. These are false

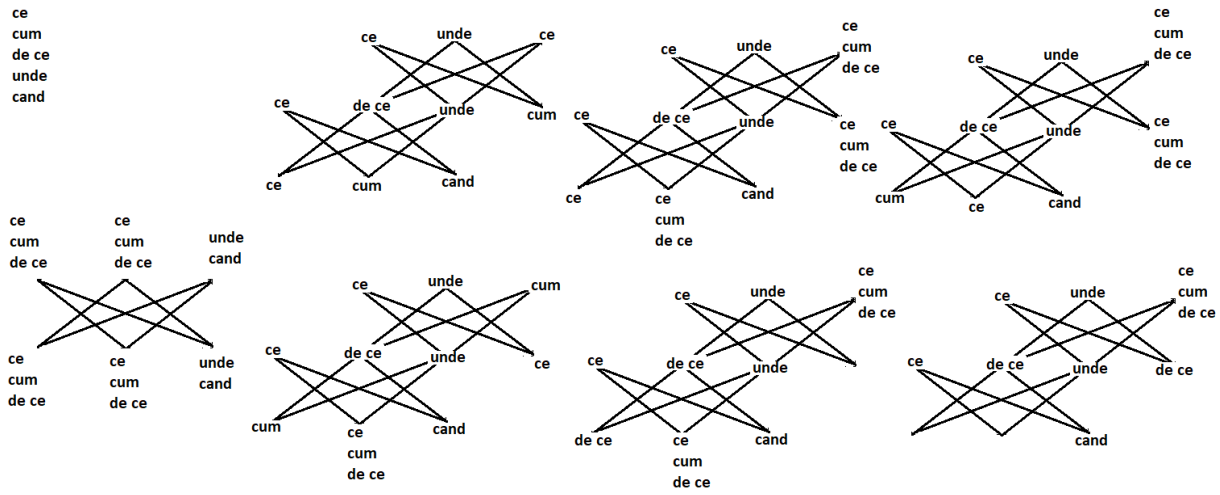
reporting at the peak and creating horizontal links between members with the same hierarchical rank. ”

These two types of actions generate system instability and destruction. The social system that does not respect the principle of promotion based on competence and efficiency is equivalent to the representation of the letter with an inappropriate sub-letter that cannot be concatenated with another sub-letter, giving the possibility of creating consistent packages of higher degree information.

It is obvious that Socrates did not know algebraic fractals when he conceived representative democracy by vote.

In the case of concatenation on a button or two buttons, multiple variants of roads appear, from which it is not easy to choose the right one with its own personality and professional structure.

These can be easily modeled using simple feedback and represent the set of possible decisions that generate irrelevance and inconsistency in life choices.



We observe the total degree of social uncertainty given by the insufficient professional competence and social involvement that can develop a society consistent with multiple cognitive and professional connections. There is also a shift of the vertical axis where when in

another position, which reveals the ambiguity of the own choices and the value system.

The development of semantic approaches can be recognized in different models of both formal and informal analysis, at any level of complexity in different and often unexpected but accurate contexts. Balancing the two types of approaches and their compatibility is done automatically both in our mental processes and in the dynamics and complexity of the universe or the multiverse.

The differentiation of the characteristics of an information structure is of genealogical type, preserving the route, as an address or as the evolutionary tree. All the characteristics of an evolution level, show the degree of direct or indirect informational connection between objects that are on the same level.

The final levels can be omitted for the common characteristics. In a plastic expression of biological nature we are related to bats, having a common ancestor on the tree of evolution. For this reason our skeletons look alike. From a scientific point of view, there was at one point a turn-off in the evolutionary decision.

The same phenomenon occurs in algebraic fractals. The consistency of the final assembly is given by the completeness of the positions in the complete decision graph with the multiple evolutionary paths.

Although it seems difficult to understand, there are informational contacts between all species, direct or indirect, and we all depend on each other. Regardless of the size of individuals, from bacteria to whale we are all in informational contact, and the imbalance of a species causes the imbalance transmitted in the ecosystem. The most representative example is the human microbiome that is most studied. There are at least 10 times more bacteria in our body than our own cells. These are symbiotic with the human body and ensure our survival. We cannot feed ourselves, bacteria that cut food into pieces that can be metabolized by our cells. We cannot defend ourselves from ultraviolet

radiation, as do the bacteria that live in the sebum in the skin. Global bacterial intelligence is capable of regulating most of the processes that keep the ecosystem alive, but can also decide the disappearance of an overly invasive species.