

53.CHANGING THINKING PATTRNS, ANALYZING THE NEED

At present there is a huge accumulation of negative thinking that alters human behavior, it comes from several distinct sources:

- a) The linear thinking of cumulative type, without feedback to the natural environment or to the social environment which led to competition without ethics and to the progressive destruction of the natural environment
- b) Learning without learnings to create a balanced benchmark. This has developed enormously in the last 2 centuries leading to a great deal of behavioral and social chaos
- c) Exploiting the aggressive instincts through the media and the cinema, this has extended to the Internet games leading to a growing aggression without human feelings
- d) Few complex logical approaches that give depth to observations and widening of connections
- e) The superficiality of the approaches by Google search engines that increase the search speed, simplify or cancel the thinking altogether and lead to a superficiality that degenerates any cognitive effort
- f) Dependence on mobile phones and the destruction of direct social contact, this being replaced by sms or virtual reality

All these major causes, their number being greater, lead to a number of dramatic consequences, of which we mention.

- a) Total loss of sensitivity to the natural environment both in the biological sense and in the level of communication with the natural environment
- b) Destruction of the natural environment considered as an economic resource producing money
- c) Decreased sensitivity to the social environment leading to isolation, lack of cooperation, intellectual development on destructive directions such as new weapons of mass destruction, these are regarded as an interesting game in the absence of direct experience and do not produce any awareness

d) The list of effects is very long, notably the redness of one's time due to mental disorganization (eg: heavy traffic due to unrelated work schedules, over abundance of homework)

People no longer have a direction in life, which leads to degeneration, violence, fear, propagation of anarchy, self-destruction, overconsumption of resources, air, water, soil pollution, species destruction, genetic mutations, wars and ultimately death.

Possible solutions for change

There are several directions for finding solutions, natural crises being multiple and permanently generating other crises. In fact, we can have another economy based on crisis solving. For example, the financial crisis of speculative money, the crisis of the jobs that will become extreme in the future and the crisis of the environment can be compensated by orienting the speculative money to new workplaces destined to solve the environmental crises and to new technologies destined to clean the environment, these technologies must have environmental feedback. However, an approach based on complexity can be done by very few methods; including the sciences of complexity having relatively narrow fields of approach to reality.

The instruments with sufficient openness are algebraic fractals described in the first part of this document, the implementation of these tools requires the creation of a complex network type structure, each layer of the network having specific specifications. Among the applications of this network I mention the following:

- a) the replacement of the representative democracy that generates corruption with participatory democracy in this sense, each member of the network will be able to contribute to the general decisions depending on the level and area or competence.
- b) between layers there will be direct communication on the common areas of interest

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- c) the communication between the members of the network on the hexagonal cells connected at the peaks will be automatic but depending on the professional structure of the nodes the information will be able to filter on areas of interest and competence avoiding overloading
 - d) on the networks connected on sustainable type peaks it will be possible to create joint actions starting from any point, these actions can be done in real time
 - e) on the networks connected on metabolic peaks one can estimate the needs, the resources of the projections, etc. At the local level it will be possible to solve a balance of resources with the needs
 - f) on the metabolic networks connected on the sides, it will be possible to create the collaboration structures necessary to solve the local problems
 - g) on sustainable networks connected on the sides will be able to create public policies with transmissible solutions
 - h) on the sustainable type hexagons the internal circuits will ensure both rethinking by changing the feedback and feedforward point of view as well as learning models by determining the conditions of application of any project
 - i) on metabolic type hexagons the internal circuits will be able to determine the variants of the possible solutions, the double starting points and the double targets that can be reached, as well as the roads started from the same point with the same precise target. This will ensure the determination of possible strategies and tactics for reaching an objective
 - j) all these processes will be able to be automated in addition between the processes will be able to ensure the necessary synchronicity that will lead to the adjustment in real time. In conclusion, the minimum 8-level network will be able to form a collective intelligence capable of using multiple logics and to solve the current problems, in addition this professional network intelligence will be able to develop permanently leading to a qualitative leap and a spectacular increase of the level of awareness and specialized knowledge of people.

Another spectacular potential application of the network will be given by the initiatory paths, which will allow the permanent education with the choice of roads that allow the correlation of the demand and the supply. Another application on the same structure will allow the exploitation of the databases from the neighboring structures and the rapid professionalization in any field by collaborating with the neighboring nodes. This structure will also allow real-time collaborative assistance in case of need for both the social and the natural environment.

Thanks to the network will be able to develop new professions, each vector between 2 nodes having the capacity to develop a profession.

On the other hand, the emergence of a new problem partially generating the crisis, will not take the unprepared network due to the capacity of expansion starting from marginal knowledge to high knowledge.

The problem of competition will be limited to the level of technological enamel, which will be conditioned by the evaluation by the network of the derived and lateral knowledge on many levels and by the continuous improvement of the products that must be not only non-invasive, but to help the environment to recover.

The currency of the network will also be collaborative, it will be issued in finite quantities, it will have a finite life, if not used it will be automatically canceled as it is not cumulative or speculative. The amount of unused currency will be automatically oriented towards projects and programs for balancing sustainability.

The relationships between form and functionality

The multi-layered network informational structure on several levels of granulation and on 2 connection models that ensure both sustainability and metabolism, is also the one that ensures the relationship between form and functionality. This relationship is directly dependent on the informatic pressure on each direction and on each connection and generation model.

The types of pressures depend on the types of connection information. Thus there are mechanical pressures given by the interactions with the external or internal environment, but also the hormonal chemical pressure that conditions everything according to the chemical message.

These pressures are differentiated according to the existential parameters, generating forms:

- a) sustainable connection at peaks-> information pressures related to speed and other mechanical parameters
- b) sustainability with connection on the edges-> mechanical pressure related to resistance and elasticity
- c) metabolism peak connection-> informational pressure related to the speed of adaptation to different situations
- d) metabolism connection on the edges-> the capacity of recovery in case of recovery of the functionalities

There are also informational pressures between layers, for example sustainable connection at the peaks-> metabolic connection at the edges, this leads to the translation of mechanical pressure to the high capacity to recover the functionality, an example is given by the recovery power of the bones exposed to the traumas that generate micro cracks, which are compacted with the help of osteocytes, osteoblasts and osteoblasts.

Micro cracks can be generated when a practitioner repeatedly hits the makewara during training.

To the several types of informatic pressures exposed so far there is also added the very active genetic informational pressure especially during embryogenesis.

The pressure of rearranging the potentials in the process of aging, generation due to diseases, etc. can also be added.

The very strong informational pressure is also generated by the mental map or the state of the emotions of a being which can visceralize through the hormones.

The process is identifiable also at the cellular level in the architecture of the cytoskeleton or in the intensity of certain cycles of cellular biochemistry. These vectors of informational pressure also

ensure the coordination of the functions of self-organization of a living being.

The analysis can be extended not only on the living but also on the behavior and shape of matter and energy and physical or chemical laws.

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However, analyzing reality requires a specific training with a great openness of knowledge and refining the observations of significant details, correlating information and issuing hypotheses.

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