# 9.MULTIPLE ROOTS WHICH CONDUCT THE MULTIPLE OUTPUTS KEEPING COHERENCE OF ASSEMBLIES

The coherent space of information on all levels of information granulation allows the development of initiatory paths. The number of these initiatory paths can be very high. It depends on the shape of the space on which the roads are applied (eg single fractolon, level 2, triple

fractolon or others).
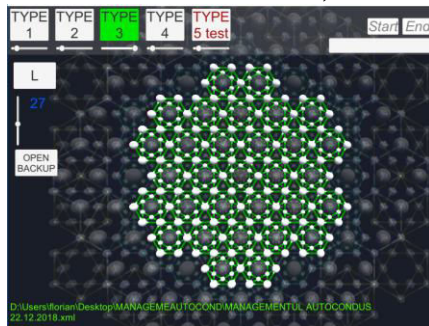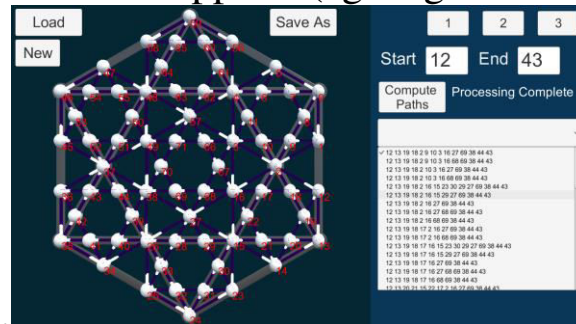
The more complex the application space is with regard to the initial conditions, the fewer initiatory paths that can meet the proposed criteria. When the space is too small and with too big granulation, or when its shape is too complex, on the limit there may be no solution or only a solution that meets all conditions.

By intelligently using the coherent space of information and algorithms to complete the contents of the nodes as well as the semantic grid logic of the vectors between the nodes, it will be possible to find out whether or not there is a solution to the given semantic problems.

AE **A ORGANIZA**
BD **A INOVA**
FB **A RESPONSABILIZA**
EC **A PREVENI**
AC **A OPTIMIZA**
FD **A INCURAJA**

XY **A DESCOPERI**
ZW *a proteja*
VU **A CONCEPE**

YZ **A ECHILIBRA**
XU *a crea*
WV **A INVESTI**

ZU **A SUSTINE**
YV *a dezvolta*
XW **A COLABORA**
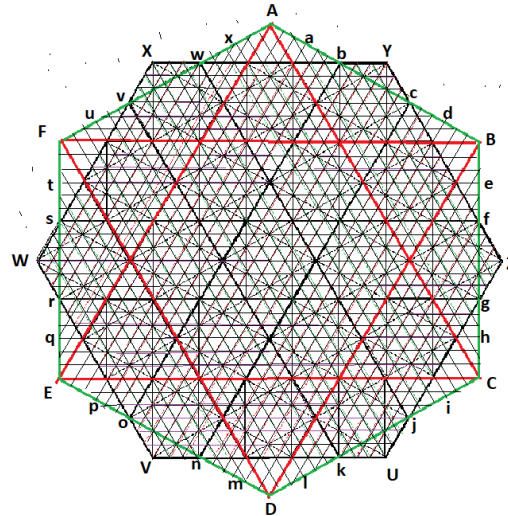
X=DESIGN
Y=FLUXURI
Z=DETALII
U=IMBUNATATIRE
V=RIGOARE
W=SUSTENABILITATE

A=STRUCTURA
B=PLANIFICARE
C=PROIECTARE
D=EXPERIMENT
E=PROTEJAREA
F=VIZIUNEA

CF=A FI
AD= A AVEA
BE=A FACE
YV=A DEZVOLTA
WZ=A PROTEJA
XU=A CREA

A=structura	q=sensibilitate
a=directii	r=echilibrare
b=ponderi	W=sustenabilitate
Y=fluxuri	s=feedback
c=observare	t=corectare
d=patermuri	F=viziunea
B=planificare	u=functionalitate
e=viziune	v=optimizare
f=functionalitati	X=design
Z=detalii	w=angrenare
g=conexiuni	x=functii
h=ritmuri	
C=proiectare	
i=observare	
j=corectare	
U=imbunatatire	
k=regandire	
l=schimbare	
D=experiment	
m=reluare	
n=studiere	
V=rigoare	
o=caracterizare	
p=formalizare	
E=protejare	

The logic of sustainability and metabolism is sufficient to configure problem solving strategies. The calculations on the flows of information and matter will be separated, as well as the calculations related to synchronicity and rhythms.

As we have noticed in another section, the multivalent logic of algebraic fractals and the coherent space of information is not contradictory with the quantitative and dichotomous logic, they complement each other.

The complex use of these logics as well as the in-depth research of algebraic fractals can become the tools for solving current problems.

Looking at the problem from another ecological perspective we can understand that each species and each being have a role. Some roles can be highly specialized, or even unique. In this case, ecological catastrophes can occur by destroying a single species from all those that complement each other for achieving ecological balance.

At the moment the estimates in these directions are extremely inaccurate, because they were made on the basis of quantitative indicators, which are present and continue to be used. Other qualitative, correlative or relevance-based indicators were not highlighted due to the dominance of the quantitative dichotomous logic required for banking financial systems.

Fortunately algebraic fractals and the coherent space of information can be integrated into artificial intelligence, if it will be passed to base 6 instead of base 2 in the programming methods.

A surprising fact is that the same type of concatenations with the same interpreting strategies take place in completely different situations. This detail shows us the existence of common patterns in the communication on different topics, possible even if the communicators speak different languages.

This brings our attention to the way we think, both we and other beings in our semantic universe.On the other hand, it shows us that we can communicate with other species, not just with other people from other cultures. At the moment, the efficient communication between us represents a first step towards the optimization of the social structures that must evolve simultaneously with the models of analysis, thinking and decision.