# 8.DEVELOPMENT OF THE REFINEMENTS FOR INTERPRETING THE NATURE AND UNIVERSE MESSAGES

The messages of nature and of the universe are produced and made more complex by concatenating the 1st degree feedbacks with semantic type associated content.

## Concatenation of feedbacks

At level 2 of complexity the feedbacks 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.
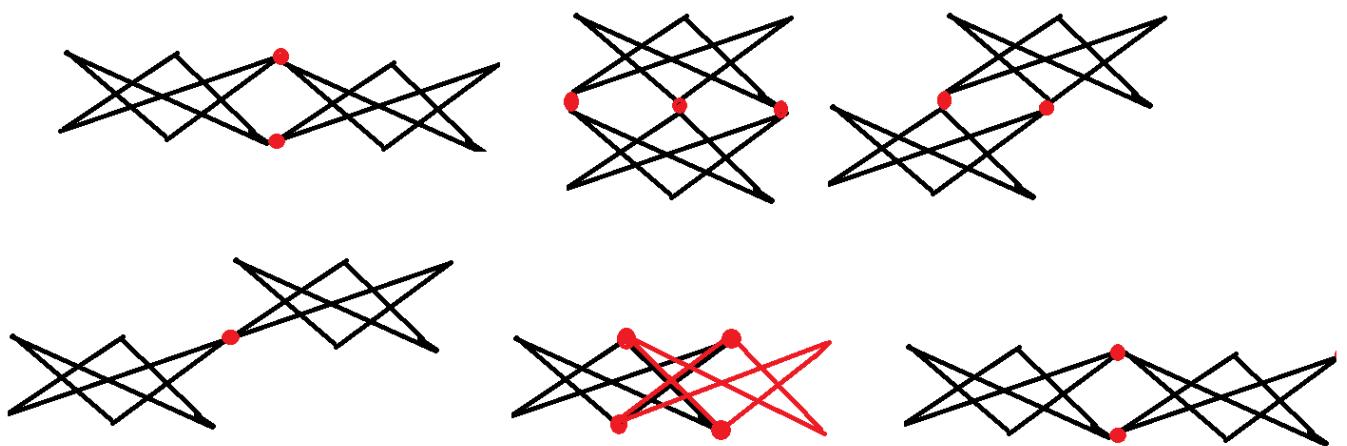
Fig. 1 concatenation models

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:
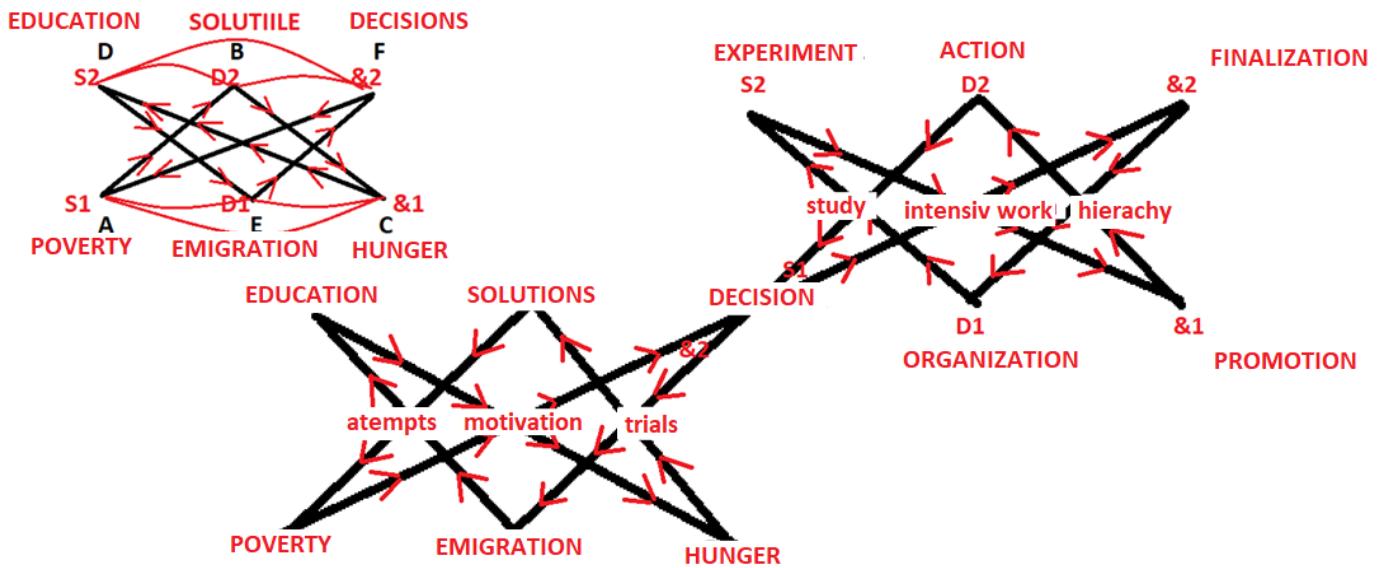


Fig. 2 Initiatory paths

In other words, we discover an initiatory life path that can be followed in steps:

Poverty => motivation => determination => intense work => completion => hierarchy => organization => study => experimentation => intense work => promotion => hierarchy => action => study => determination => attempts => emigration (decision to migrate or not) => attempts => education (source) => motivation => hunger (the case of young people with studies abroad who does not want a tyrannical regime) => attempts => solutions => attempts = > poverty => motivation => judgment   All schemes with concatenated feedback  give such initiatory paths that can be traced using arrows:
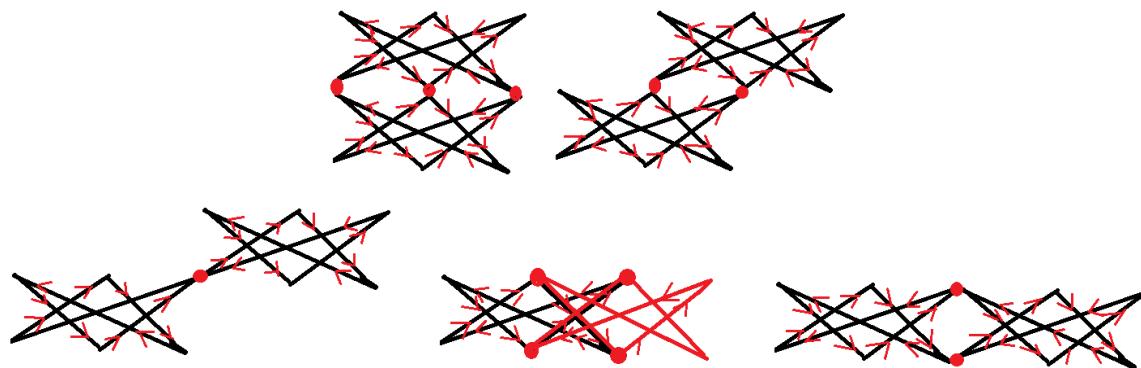
Fig. 3 the formation of semantic logic schemes

An extremely interesting remark is the following: there are a finite number of logical schemes that depend on the concatenation models used. They are combined as a puzzle, always making up logical texts. This fact allows us to understand the messages of all beings in the universe with the help of IT technologies. If the existence of the feedback and the objects of the unalive is proven, we will be able to understand the messages of the unalive universe.

A second extremely interesting remark is the following: if we take the bottom line of a feedback and the upper one of the feedback with which it was concatenated on two overlapping levels, we will get another meaningful feedback. This proves to us that you can achieve the same results through different procedures.
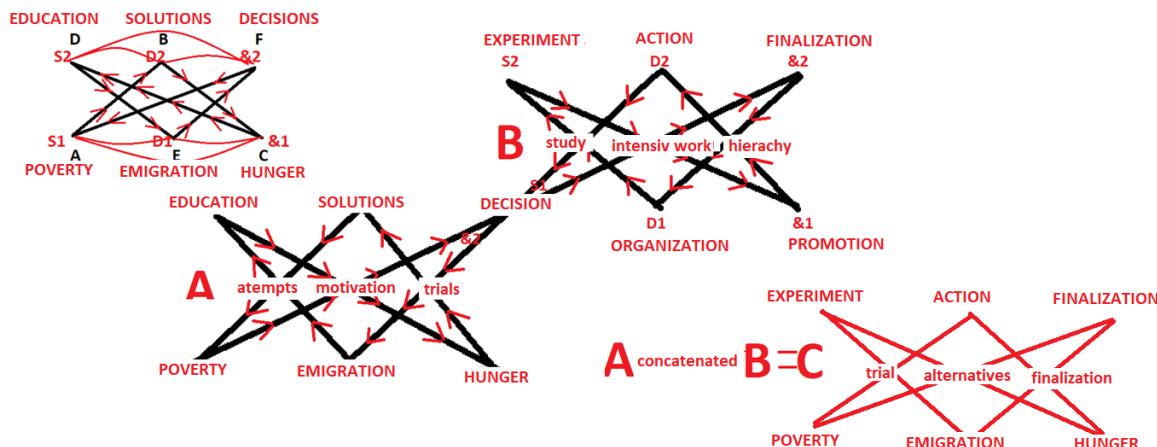
Fig.4 The result of the concatenation of the feedbacks

*I gave this sad but current situation in much of our world as a warning. If we do not design and use artificial intelligence to raise and develop human intelligence, as well as sensitivity, wisdom, cooperation, kindness and other qualities; if we do not fight to have a happy planet, then they will perish. Worldmeter shows us that the decline is definitely coming to an end.*
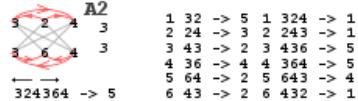
*The solution is human emancipation, it can be produced by changing the thinking pattern of people and by creating a professional network that can make the leap. We will hear that there are too many on the planet and that it cannot feed us. We will hear that soon there will be no more jobs due to the proliferation of robots and that there is no money for people. If people who are left without jobs will be re-professionalized to help the natural environment recover and to help their neighbor, the huge amount of speculative money that is toxic at the moment will find its purpose. The new professions that will no longer be productive will be on the knowledge-based society.*

### Grade 2 feedback
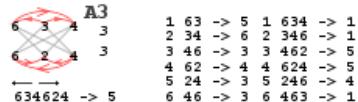
The feedback of the 2nd degree is due to the possibilities of packing the feedback of the 1st degree in packages of 6 feedbacks (Letters with sub-letters), which in turn will be packaged in packages of 4 letters with the same organization model. This working model leads us to a remarkable property that says that there is a structural isomorphism between the levels, meaning the properties are repeated on different levels of reality, but with different content and with different granulation.

**A1**

```
                1 26 -> 5   1 264 -> 1
                2 64 -> 2   2 642 -> 1
                3 42 -> 6   3 423 -> 5
                4 23 -> 4   4 234 -> 5
                5 34 -> 6   5 342 -> 4
264234 -> 5     6 42 -> 6   6 426 -> 1

1 2642 -> 2   1 26423 -> 4   1 264234 -> 5
2 6423 -> 3   2 64234 -> 6   2 642342 -> 4
3 4234 -> 1   3 42342 -> 2   3 423426 -> 5
4 2342 -> 3   4 23426 -> 4   4 234264 -> 5
5 3426 -> 3   5 34264 -> 6   5 342642 -> 4
6 4264 -> 4   6 42642 -> 6   6 426423 -> 5
```

**A2**

```
                1 32 -> 5   1 324 -> 1
                2 24 -> 3   2 243 -> 1
                3 43 -> 2   3 436 -> 5
                4 36 -> 4   4 364 -> 5
                5 64 -> 2   5 643 -> 4
324364 -> 5     6 43 -> 2   6 432 -> 1

1 3243 -> 3   1 32436 -> 4   1 324364 -> 5
2 2436 -> 6   2 24364 -> 2   2 243643 -> 4
3 4364 -> 1   3 43643 -> 3   3 436432 -> 5
4 3643 -> 6   4 36432 -> 4   4 364324 -> 5
5 6432 -> 6   5 64324 -> 2   5 643243 -> 4
6 4324 -> 4   6 43243 -> 2   6 432436 -> 5
```

**A3**

```
                1 63 -> 5   1 634 -> 1
                2 34 -> 6   2 346 -> 1
                3 46 -> 3   3 462 -> 5
                4 62 -> 4   4 624 -> 5
                5 24 -> 3   5 246 -> 4
634624 -> 5     6 46 -> 3   6 463 -> 1

1 6346 -> 6   1 63462 -> 4   1 634624 -> 5
2 3462 -> 2   2 34624 -> 3   2 346246 -> 4
3 4624 -> 1   3 46246 -> 6   3 462463 -> 5
4 6246 -> 2   4 62463 -> 4   4 624634 -> 5
5 2463 -> 2   5 24634 -> 3   5 246346 -> 4
6 4634 -> 4   6 46346 -> 3   6 463462 -> 5
```

**A4**
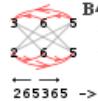
```
                1 23 -> 4   1 235 -> 1
                2 35 -> 2   2 352 -> 1
                3 52 -> 3   3 526 -> 4
                4 26 -> 5   4 265 -> 4
                5 65 -> 3   5 652 -> 5
235265 -> 4     6 52 -> 3   6 523 -> 1

1 2352 -> 2   1 23526 -> 5   1 235265 -> 4
2 3526 -> 6   2 35265 -> 3   2 352652 -> 5
3 5265 -> 1   3 52652 -> 2   3 526523 -> 4
4 2652 -> 6   4 26523 -> 5   4 265235 -> 4
5 6523 -> 6   5 65235 -> 3   5 652352 -> 4
6 5235 -> 5   6 52352 -> 3   6 523526 -> 4
```

**A5**
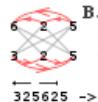
```
                1 36 -> 4   1 365 -> 1
                2 65 -> 3   2 653 -> 1
                3 53 -> 6   3 532 -> 4
                4 32 -> 5   4 325 -> 4
                5 25 -> 6   5 253 -> 5
365325 -> 4     6 53 -> 6   6 536 -> 1

1 3653 -> 3   1 36532 -> 5   1 365325 -> 4
2 6532 -> 2   2 65325 -> 6   2 653253 -> 5
3 5325 -> 1   3 53253 -> 3   3 532536 -> 4
4 3253 -> 2   4 32536 -> 5   4 325365 -> 4
5 2536 -> 2   5 25365 -> 6   5 253653 -> 5
6 5365 -> 5   6 53653 -> 6   6 536532 -> 4
```

**A6**

```
                1 62 -> 4   1 625 -> 1
                2 25 -> 2   2 256 -> 1
                3 56 -> 2   3 563 -> 4
                4 63 -> 2   4 635 -> 4
                5 35 -> 2   5 356 -> 5
625635 -> 4     6 56 -> 2   6 562 -> 1

1 6256 -> 6   1 62563 -> 5   1 625635 -> 4
2 2563 -> 3   2 25635 -> 2   2 256356 -> 5
3 5635 -> 1   3 56356 -> 6   3 563562 -> 4
4 6356 -> 3   4 63562 -> 5   4 635625 -> 4
5 3562 -> 3   5 35625 -> 2   5 356256 -> 5
6 5625 -> 5   6 56256 -> 2   6 562563 -> 4
```

**B1**

```
                1 23 -> 4   1 234 -> 5
                2 34 -> 6   2 346 -> 1
                3 46 -> 3   3 463 -> 1
                4 63 -> 5   4 634 -> 1
                5 34 -> 6   5 342 -> 4
234634 -> 5     6 42 -> 6   6 423 -> 5

1 2346 -> 2   1 23463 -> 4   1 234634 -> 5
2 3463 -> 3   2 34634 -> 6   2 346342 -> 4
3 4634 -> 4   3 46342 -> 6   3 463423 -> 5
4 6342 -> 2   4 63423 -> 4   4 634234 -> 5
5 3423 -> 2   5 34234 -> 3   5 342346 -> 4
6 4234 -> 1   6 42346 -> 6   6 423463 -> 5
```

**B2**

```
                1 36 -> 4   1 364 -> 5
                2 64 -> 2   2 642 -> 1
                3 42 -> 6   3 426 -> 1
                4 26 -> 5   4 264 -> 1
                5 64 -> 2   5 643 -> 4
364264 -> 5     6 43 -> 2   6 436 -> 5

1 3642 -> 3   1 36426 -> 4   1 364264 -> 5
2 6426 -> 6   2 64264 -> 2   2 642643 -> 4
3 4264 -> 4   3 42643 -> 2   3 426436 -> 5
4 2643 -> 3   4 26436 -> 4   4 264364 -> 5
5 6436 -> 3   5 64364 -> 6   5 643642 -> 4
6 4364 -> 1   6 43642 -> 2   6 436426 -> 5
```

**B3**

```
                1 62 -> 4   1 624 -> 5
                2 24 -> 3   2 243 -> 1
                3 43 -> 2   3 432 -> 1
                4 32 -> 5   4 324 -> 1
                5 24 -> 3   5 246 -> 4
624324 -> 5     6 46 -> 3   6 462 -> 5

1 6243 -> 6   1 62432 -> 4   1 624324 -> 5
2 2432 -> 2   2 24324 -> 3   2 243246 -> 4
3 4324 -> 4   3 43246 -> 3   3 432462 -> 5
4 3246 -> 6   4 32462 -> 4   4 324624 -> 5
5 2462 -> 6   5 24624 -> 2   5 246243 -> 4
6 4624 -> 1   6 46243 -> 3   6 462432 -> 5
```

**B4**

```
                1 26 -> 5   1 265 -> 4
                2 65 -> 3   2 653 -> 1
                3 53 -> 6   3 536 -> 1
                4 36 -> 4   4 365 -> 1
                5 65 -> 3   5 652 -> 5
265365 -> 4     6 52 -> 3   6 526 -> 4

1 2653 -> 2   1 26536 -> 5   1 265365 -> 4
2 6536 -> 6   2 65365 -> 3   2 653652 -> 5
3 5365 -> 5   3 53652 -> 3   3 536526 -> 4
4 3652 -> 2   4 36526 -> 5   4 365265 -> 4
5 6526 -> 2   5 65265 -> 6   5 652653 -> 5
6 5265 -> 1   6 52653 -> 3   6 526536 -> 4
```

**B5**

```
                1 32 -> 5   1 325 -> 4
                2 25 -> 6   2 256 -> 1
                3 56 -> 2   3 562 -> 1
                4 62 -> 4   4 625 -> 1
                5 25 -> 6   5 253 -> 5
325625 -> 4     6 53 -> 6   6 532 -> 4

1 3256 -> 3   1 32562 -> 5   1 325625 -> 4
2 2562 -> 2   2 25625 -> 6   2 256253 -> 5
3 5625 -> 5   3 56253 -> 6   3 562532 -> 4
4 6253 -> 3   4 62532 -> 5   4 625325 -> 4
5 2532 -> 3   5 25325 -> 2   5 253256 -> 5
6 5325 -> 1   6 53256 -> 6   6 532562 -> 4
```

**B6**

```
                1 63 -> 5   1 635 -> 4
                2 35 -> 2   2 352 -> 1
                3 52 -> 3   3 523 -> 1
                4 23 -> 4   4 235 -> 1
                5 35 -> 2   5 356 -> 5
635235 -> 4     6 56 -> 2   6 563 -> 4

1 6352 -> 6   1 63523 -> 5   1 635235 -> 4
2 3523 -> 3   2 35235 -> 2   2 352356 -> 5
3 5235 -> 5   3 52356 -> 2   3 523563 -> 4
4 2356 -> 6   4 23563 -> 5   4 235635 -> 4
5 3563 -> 6   5 35635 -> 3   5 356352 -> 5
6 5635 -> 1   6 56352 -> 2   6 563523 -> 4
```

Fig. 5 feedback packages

From another perspective, the universe uses the same language but with a different level of complexity (as we do in human language).

| Funct. | F1 | F2 | F3 | F4 | F5 | F6 | m | ⊓ | ˙⊦ | ⊦˙ | ⊠ | ⊘ | ⤬ | letter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F1 | F1 | F2 | F3 | F4 | F5 | F6 | ⊓ | ⊔ | ⊦˙ | ˙⊦ | ⊘ | ⊠ | ⤬ | AN ej |
| F2 | F2 | F1 | F4 | F3 | F6 | F5 | ⊦˙ | ⊦˙ | ⊔ | ⊘ | ˙⊦ | ⤬ | ⊠ | BM dk |
| F3 | F3 | F5 | F1 | F6 | F2 | F4 | ˙⊦ | ˙⊦ | ⊠ | ⊔ | ⤬ | ⊦˙ | ⊘ | FL co |
| F4 | F4 | F6 | F2 | F5 | F1 | F3 | ⊠ | ⊘ | ⤬ | ⊦˙ | ⊠ | ⊔ | ˙⊦ | DK bm |
| F5 | F5 | F3 | F6 | F1 | F4 | F2 | ⊘ | ⊠ | ˙⊦ | ⤬ | ⊔ | ⊘ | ⊦˙ | CO fl |
| F6 | F6 | F4 | F5 | F2 | F3 | F1 | ⤬ | ⤬ | ⊘ | ⊠ | ⊦˙ | ˙⊦ | ⊔ | EJ an |
|  |  |  |  |  |  |  | AN ej | BM dk | FL co | DK bm | CO fl | EJ an |  |

Fig. 6 structural isomorphism

In this case F1, F2, F3, F4, F5, F6 are the automorphisms of the projective line

The pictographic signs in the table above and below represent even more complex packages of letters composed of sub-letters. The attached symbolism shows that at the end of a segment there is the same content, and the isolated points have different contents.

| □ | ⊦˙ | ˙⊦ | ⤬ | ⊓ | ⊘ | ⊠ | ⊤ | ⊓ | ⊏ | ⊥ | ⊔ | ⊔ | ⊨ | ▭ | letter |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⊦˙ | ⊓ | ⊘ | ⊠ | ⊦˙ | ⤬ | ˙⊦ | ⊔ | ⊥ | ⊔ |  |  |  |  |  | ANej |
| ˙⊦ | ⊠ | ⊓ | ⊘ | ˙⊦ | ⊦˙ | ⤬ | ⊔ | ⊔ | ⊥ |  |  |  |  |  | BMdk |
| ⤬ | ⊘ | ⊠ | ⊓ | ⤬ | ˙⊦ | ⊦˙ | ⊥ | ⊔ | ⊔ |  |  |  |  |  | COfl |

| | A N ej | B M dk | *C O fl* | **E J an** | F L co | D K b m | *G Q hp* | H P gq | IR ir | T V *tv* | U X ux | S W s w | Y Z yz | @ **&** | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ‖ | | | | | | | | | | | | | | | **EJan** |
| ⊠ | | | | | | | | | | | | | | | FLco |
| ⊠ | | | | | | | | | | | | | | | DKb m |
| ⊡ | | | | | | | | | | | | | | | *GQh p* |
| ⊓ | | | | | | | | | | | | | | | HPgq |
| ⊏ | | | | | | | | | | | | | | | IRir |
| ⊡ | | | | | | | | | | | | | | | *TVtv* |
| ⊔ | | | | | | | | | | | | | | | UXu x |
| ⊏ | | | | | | | | | | | | | | | SWs w |
| = | | IV b | | IV A | | | | III A | | | | | | = ▢ | = ▢ |
| ▢ | | | | | | | | | | | | | | = | = |

Fig.7 the composition table of the packages of automorphisms packages of the projective line

**Fractalization of sustainable hexagons**

Level 2 of the art of thinking requires a high level of skills and is only accessible to specialists. But the results of this way of looking at things are remarkable and applicable in many areas in terms of crisis resolution or exploration of the living universe, or perhaps to even the unalive one.



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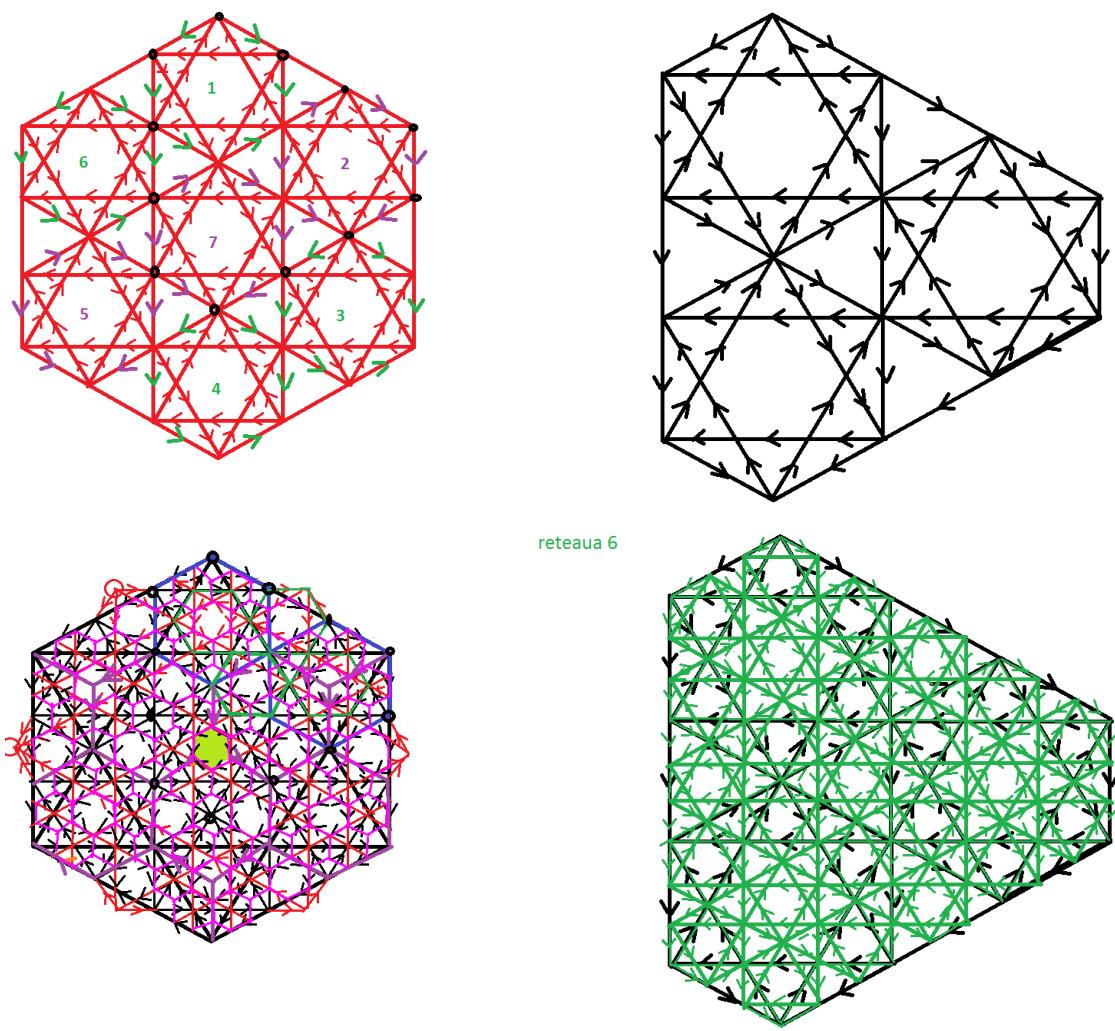
Fig. 8 fractalization and levels of fractalization

*We discover a system maybe more complex than a computer but it will have a very user-friendly interface. Only part of the means of creating a functional system capable of helping us to get through the worst period in human and planetary history are mentioned here. The rest will be opened only after the professional network has been created whose IT support algorithms are already discovered. But the system requires great efforts, and we are still few.*

*We look forward to the help of other groups and the support of those who care*

The introduction in the mass of people of the trivalent, tetravalent, pentavalent, hexavalent and septavalent programs is equivalent to the introduction and training of a new thinking system. This leap can only be done with the help of the network of professionals for several reasons: the diversity of professional models; the diversity of the structures of the current patterns and the templates of the jobs from the workplace; the monotony of the information to which they are exposed; demand control systems to the same type on services, not trusting what is new and virtually difficult.

Opening the curiosity and desire for knowledge that young children have, but lost in adult people is possible through the acquisition of new logic. They can be trained with the help of computer games and nature observation. These two activities will replace boredom with family cooperation in order to find optimal solutions to a problem situation. The integration of these logics through dedicated software in daily life may require the initial conditions of a qualitative leap in evolution. Further integration into scientific thinking will improve the reality and contribute to finding solutions for understanding problems and finding solutions.