28.THE TRANSITION TO THE HIGHER COMPLEXITY LEVELS KEEPING THE COHERENCE OF THE ASSEMBLY

One of the most interesting issues is the nature of the movement. From the perspective of algebraic fractals the successive packages of simple feedbacks are often incomplete and reaches well-structured packages. This produces a process of searching for other feedbacks that can complete the packages. The next steps are the same and happen for similar reasons. A structuring model is described below:

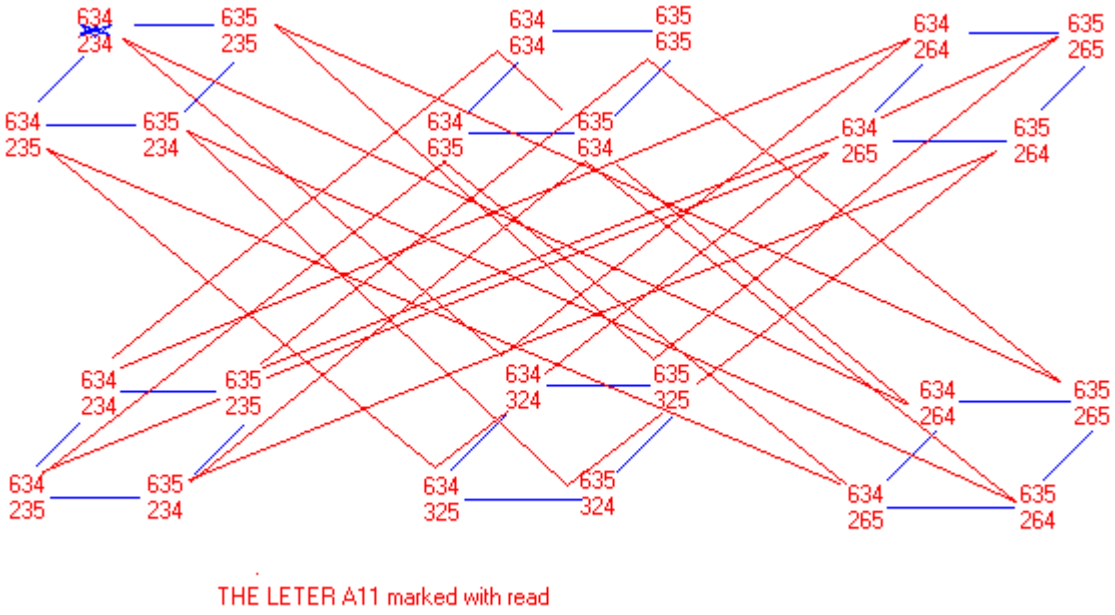
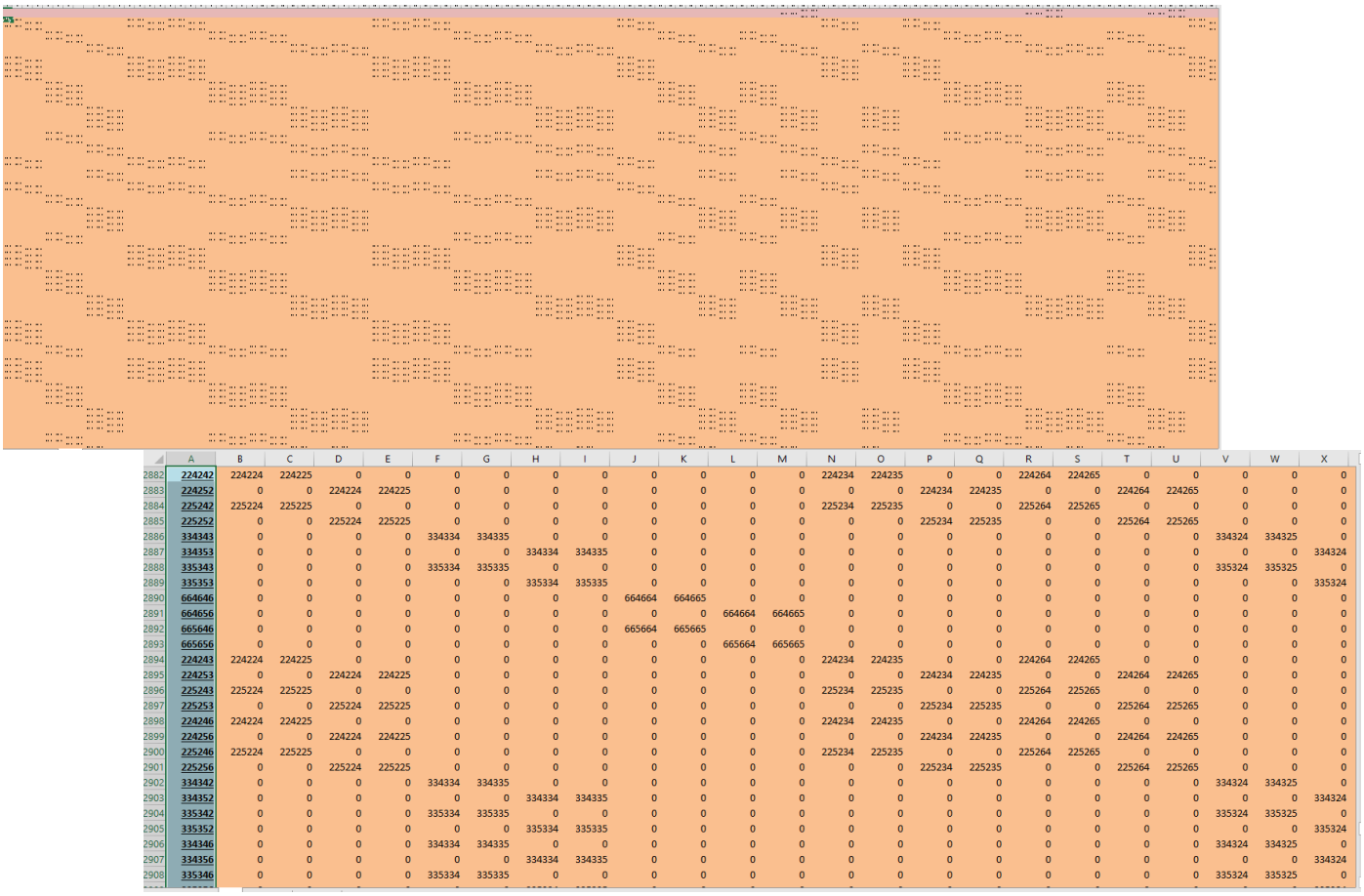


Fig. 1 formation of the letters from subletters

The development of feedback structures requires the existence of the necessary components in close areas. This implies the existence of clouds of feedback from certain semantic categories that can be associated with each other so as to form groups, of groups, of successive groups until the emergence of higher grade feedback.

Such a phenomenon is observable in computer modeling done by concatenation by Maria Mitrofan, which can be seen below. The coherence of the information can also explain the big stages of matter generation following the initial explosion (big bang).



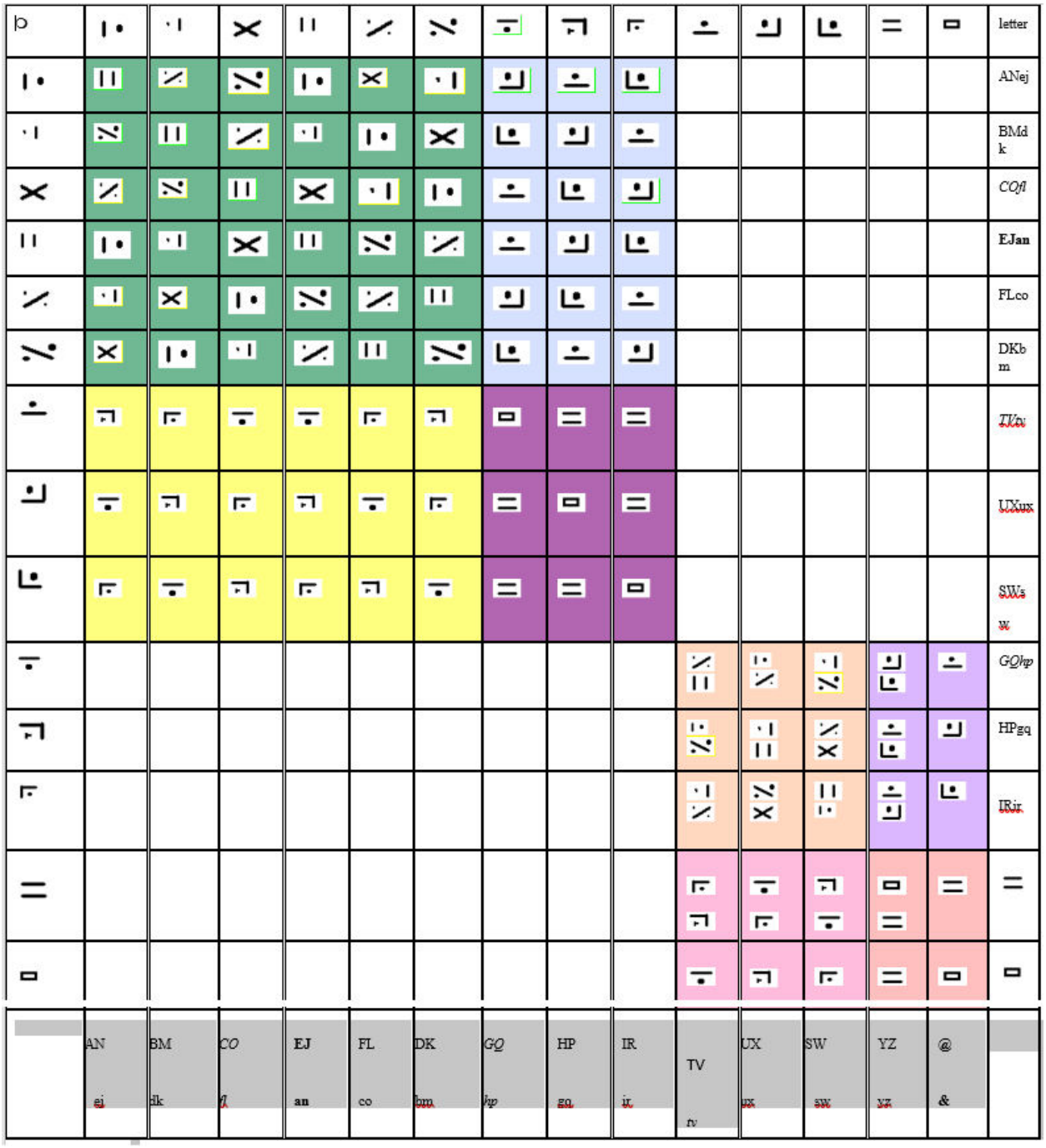
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
2882	224242	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0	0	0
2883	224252	0	0	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0
2884	225242	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0
2885	225252	0	0	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0
2886	334343	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324	334325	0
2887	334353	0	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2888	335343	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324	335325	0
2889	335353	0	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324
2890	664646	0	0	0	0	0	0	0	0	664664	664665	0	0	0	0	0	0	0	0	0	0	0	0	0
2891	664656	0	0	0	0	0	0	0	0	0	0	664664	664665	0	0	0	0	0	0	0	0	0	0	0
2892	665646	0	0	0	0	0	0	0	0	665664	665665	0	0	0	0	0	0	0	0	0	0	0	0	0
2893	665656	0	0	0	0	0	0	0	0	0	0	665664	665665	0	0	0	0	0	0	0	0	0	0	0
2894	224243	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0	0	0
2895	224253	0	0	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0
2896	225243	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0
2897	225253	0	0	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0
2898	224246	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0	0	0
2899	224256	0	0	224224	224225	0	0	0	0	0	0	0	0	0	0	224234	224235	0	0	224264	224265	0	0	0
2900	225246	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0	0	0
2901	225256	0	0	225224	225225	0	0	0	0	0	0	0	0	0	0	225234	225235	0	0	225264	225265	0	0	0
2902	334342	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324	334325	0
2903	334352	0	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2904	335342	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324	335325	0
2905	335352	0	0	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324
2906	334346	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324	334325	0
2907	334356	0	0	0	0	0	0	334334	334335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334324
2908	335346	0	0	0	0	335334	335335	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335324	335325	0

Fig. 2 the information that by concatenation forms the "words and semantics" of communication in the universe

The type of movement produced is internal and is related to the evolutionary time that can be represented in the table below in the form of a rectangle in a fractalizable subset in which both the evolutionary time and the movement time appear.

On the other hand, the time related to the movement, prefigured by two horizontal parallels in the table with colored fields, does not disaggregate matter, but preserves the informational links between components, which implies a wave-like transmission, where the molecules go up and down but transmit the informational shock further.

The optimized construction of the information packages is at the



base of the models of informational organization and of the human body that was in permanent connection with the planet that generated it. Going back to the first viral organisms and to the models of construction of the polynomials Goldberg we observed that if we take all the vectors from its sustainable or metabolic structures from the pentagonal structures with the cyclic edge we will discover many construction variants.

Analyzing the behavior of the commutative diagrams or of the obtained cycles we will find that very few of the discovered ones can ensure the internal circulation of the information. We can conclude from here that the architecture of the life of a virus is a problem of optimization and wise decision. If this happens to a virus, how great is the coherence of an ecosystem, organism or universe. How is this consistency ensured and what does it mean?