Dear Youri and Pedro and All,

Please excuse me the mixup: it was Youri to be congratulated for the Picture 1 and Pedro for getting it past the FIS server.



Please allow me to show some pictures relating to pairs of natural numbers ("logical primitives", © Marcus Abundis) that are subject to diverse reorderings.









The pictures suggest that there are some Laws of Nature based on Facts. Formulating these supposedly existing Laws is today as difficult as was difficult for Mendel to express his ideas.

Let us compare the communicative tasks:

Mondal said and wanted to say (implicated)	Today's formulation of the same idea
Mendel said and wanted to say (implicated)	Today's formulation of the same idea
I recognise statistical interdependences (in	I recognise numerical interdependences (in
the form of color of garden peas)	the form of elements creating cycles)
These implicate some Laws, the carriers of	These implicate some Laws, the carriers of
which are specific material on specific	which are specific material on specific
places (I can't say genomes, because the	places (I can't say space-matter tenacity,
word is not invented yet)	because the word is not invented yet)
The behaviour of my plants unfolds from a	The behaviour of my primitives unfolds
dormant state (I can't say chromosomes,	from a dormant state (I can't say
because the thing has not been observed yet)	concurrently running cycles, because such
	has not been observed yet)
The rule for what comes where (which	The rule for what comes where (which
colour peas come from which colour parent	constellations of lower-level coincidences
peas) is a temporal process of growth.	are assembled next to which constellations
Although the unfolding is temporal, the	of lower-level coincidences) is temporal, is a
properties of the peas are present – as	sequence. Although the assemblage into
potentialities – in the information carrying	cycles is temporal, the properties of the
something within the pea itself.	elements are immanent to the elements.
There are types of genetic material which go	There are constellations of lower-level
together and then some which do not go	coincidences. Their most archaic forms are
together. (Peas can't be crossed with	called <i>logical archetypes:</i> these represent
cucumbers.)	the chemical elements. Some of these go
There exist <i>types</i> of biologic material.	together with some others, building
	molecules and then there are some which do
	not go together, creating Fällungsreaktion ot
	similar. Molecules are compositions of
	archetypes. Compositions of molecules have
	types.
You have trouble understanding me,	You have trouble understanding me,
because it is simpler than you think: the	because it is simpler than you think: the

invisible hand of God is nothing else but simple rules of what you shall call <i>genetic</i> ,	invisible hand of Nature is nothing else but simple rules of what you shall call
and the rules are nowhere else but in the	<i>tautomatic</i> , and the rules are nowhere else
matter itself and are basically a problem of	but in the numbers themselves and are
combinatorics.	basically a problem of combinatorics.
You are already looking at all pieces of the	You are already looking at all pieces of all
puzzle. Go find those material carriers	puzzles. Go find those cycles that run
which act in certain ways to bring forth	concurrently, undo the effects of offset
specific peas.	differences, and see which elements of
	which cycles are contemporary, and tabulate
	which specific occurrences shall appear to
	the spectator as specific pieces of which
	puzzle, types of reality.

Summarising:

There is a strict order within Nature. Our counting system is – in its monoaural utilisation – not quite suited to depict the patterns which result from the existence of order. It is necessary to imagine *two* parts of the whole which interact, more or less happily. The rules of the interaction may be explained by a) assuming periodic changes that influence where is which element during which periodic change, b) observing saturation limits of relations on objects. If the objects count *n*, there can exist no more than $L_{max} = f(n)$ distinct logical relations that the collection can be subject to, c) $f^{-1}(L_{max})$ gives us the number *n* of objects that are minimally necessary to accommodate L_{max} logical relations, d) there are slightly differently many logical relations possible on *n* objects, when the relations state diversities relative to when the relations state similarities among the elements of the collection, e) this additional twist – sneak creates miracles of objects coming into or disappearing from existence, in dependence of the density of logical relations. The interdependence has many details. The pictures show a static state.

Hopefully you can utilise the pictures to envision a general explanation of interaction in the field of proteins.

Respectfully:

Karl