The Smith of the Gods

10 - «Immanentism, formalism, non-linearity: what a programme! Humanity patiently builds the tools of its independence in the face of fatality.»

100- In the primordial ether, states persist by evolving through changes of phase, like water transforming itself either into vapour, or into supercooling, or into ice. The so-called categorical state evolves into the “Psychoid” state, in the sense Wolfgang Pauli gives to that word, and crystallises into archetypal processes of a neutral appearance emanating from categorical logical contrasts. The “Psychoid” state is an intermediate state between the state of “logical subject” and the “concrete”, observable state. Thus, particles constantly emerging from the vacuum are the result of superposed states of virtual processes constituting a unique signature; they are the progeny of the psychoidal dimension of the world. In a sub-quantum dimension, energy is made up of vector tensors in a Hilbert space described through choice theory and represented by soluble variables, sometimes in the form of a “Natural Integer”, thus making them pass through the “Planck length” into the state of an observable possessing at least one frequency and one amplitude.

101- Planck wrote: “A whole is always distinguished by something from the sum of its parts. One can understand this whole only by following it in its becoming and its evolution, by studying and by reproducing the processes of the gradual passage to a greater complexity and of the perfecting of the more primitive systems which are at the origin of its formation.” This concert, which the particle physicists call the menagerie, because of the great diversity of the particles generated, and which one could consider as so many superheroes with supernatural powers, comprising practically four hundred different types of energetic phenomena, covers forty octaves, that is to say wavelengths ranging from a billionth of a millimetre to the kilometre. This cosmic gamut is invested with a principle of permanent fluence of energies, generating varieties of types of incommensurable phenomena, translating the noumenal activity of the psychoids generating our reality. The relation of the particle to the “Archetypal Psychoid”, issuing from a logical subject corresponding to it and from which it emerges, is a relation of the type of the Universal to its trope (example: the formal idea of a table is the universal; any table whatever in the world is its trope). The Archetype must be considered, not as a model which reproduces itself, but as a mould which constitutes us, and whose forms would be represented to us as on a negative.

102- There exists no clock for the Jungian “Synchronicity”; the depths of the “unconscious of the World”, residing in our being at the sub-quantum scale, are indeed the place from which our power of self-determination emerges, but the world-unconscious does not recognise time, which leads it to issue a principle of a-causal connections of signs. Albert Einstein, observing the power of self-determination of atomic particles within a structure of forces and quasi-deterministic mechanisms of energy exchanges which have to respect the principle of the conservation of energy, had to, according to his logic, necessarily possess a

specific variable determining it. An atomic particle, being by its mass its own space-time, leads to the principles of special and general relativity described by Albert Einstein; he could not admit that it should in addition be its own determination, and he put forward the hypothesis of a “hidden, non-local, non-linear variable”. Hidden, because residing beyond the scale wall represented by the “Planck length”, that is to say below ten to the minus thirty-five metres; non-local, because below this scale, space and time no longer have any meaning; and non-linear, because inasmuch as its dynamics is recursive, as with certain logical or mathematical recursions, one and the same variable is led to constitute successively sequences of results: either zero, or one, or infinity, or again a series of irrational or transcendental numbers. This behaviour with magical accents, despite the resolutely deterministic nature of the world, puzzles the mathematicians. This numeral mystery is well known to the practitioners of the “theory of numbers, and surely will remain so”. Quantum computers will henceforth help them to solve a few equations which previously demanded some billions of years of calculation, and which they will obtain in a few hours; but they will not eliminate some others, of which they do not know whether they are finally soluble at all. Since Pythagoras, the numbers have kept their mysteries.