

Part XVII

SIGN-QUANTUM CONTINUUM

MUSICAL GENEALOGY OF CONTEMPORARY PHYSICS

If Einstein had been a pianist rather than a violinist – he would have developed Quantum Mechanics, but not the Relativity Theory.

But having been a violinist, and using the Melody of Time, as the violin is especially an instrument for creating melody, he built a Melodic Theory about the universe, which Melodic Theory temporalizes physics. Where his “C” velocity of light, like the musical key of “G”, caused the Melody of Time, and transformed the Melody of Time into the cause of the universe.

But Planck, Shroediniger and Heizenberg, having been not violinists but pianists, were in the habit of using mainly the vertical simultative polyphony of music, as piano is an instrument for polyphony, they developed the Simulative Polyphonic Quantum Mechanics, which showed the Vertical Simulative picture of the universe, and in this way, by his Simulative “h” Max Planck re-eternalizes physics.

(Nevertheless that “h” shows quantized radiation of Energy, we have to understand “h’s” quantized energy as Simulative Quantization.)

Hence, if Einstein’s Relativity Theory describes the picture of the Temporal Consecutive Melodic Universe – being the embodiment of the World Melody of Time –

And if Planck-Schroedinger-Heizenberg’s Quantum Theory describes the picture of eternal Simulative Polyphonic Vertical Harmonic Chord Universe –

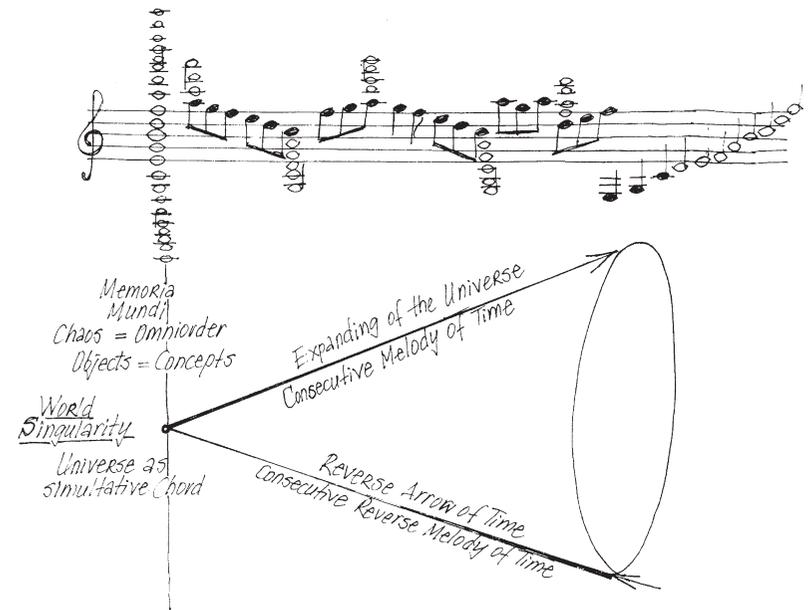
Then, having remembered that Music is the unity of two movements – Consecutive Melody and Simulative Chord-Harmony – we have to be aware that the whole picture of the universe

could be restored by the combination of two pictures of Melodic Consecutive Relativity plus Harmonic Simulative Quantum Mechanics: or, the combination of the Melodic Consecutive Velocity of Light “C” plus Harmonic Simulative Planck’s Constant “h”.

(The behavior of “C” is the melody of Time. The behavior of “h” is the Chord-Harmony Polyphony of Time.)

We must combine two pictures – Consecutive melodic Relativity and Simulative Harmonic-Polyphonic Quantum Mechanics – in order to restore the whole picture of the Universe: as the universe is the unity of two movements – melody and harmony – like Music, isn’t it?

Hence, the most missed theory now – Quantum Gravity – could be no further than the pattern of the Musical Universe: it should be unanalyzed unity from Melodic Gravity and Quantum Harmony.



THE WHOLE KNOWLEDGE STILL REMAINS WITHIN ARISTOTLE’S PARADIGM OF ENERGY AND FORM

Modern science has not moved a single step after Aristotle. Hitherto, nobody – not Einstein, not Heisenberg, nor Bell, has successfully skipped Aristotle’s Paradigm about the relationship between Form and Energy, but have only deepened it. And the whole Knowledge still remains where the Great Corrective of Plato – Aristotle has lived.

Because, when the father of so many great contemporary physicists, John Archibald

Wheeler, defines that “the elementary particle is nothing more than the excitement of pure geometry” – he only restores the status of cogito, such as Aristotle has left.

When Aristotle, in his attempt to make correction of Plato’s Eidos, and trying to define Eidos in a new way, as a Morphe-Form; in this attempt Aristotle only succeeded to return Energy within Eidos (Idea) from where Plato exiled it. Hence, the whole attempt of Aristotle to correct Plato consists of the returning of Energy inside Eidos (inside Form), or it consists of the Re-energizing of Eidos.

And when Wheeler defined the elementary particle as “nothing more than the excitement of pure geometry”, he only repeated Aristotle’s Paradigms.

But perhaps it is impossible to skip the Paradigm of Aristotle of Energetizing Eidos – because it is actually the basic existence of the World, as compounded from Form and Energy?

And if the basic division of the World is the division of Space and Time – is it not because of this that Form manifests itself as Space, and Energy is grouped as Time?

Then, the impossibility to think beyond Space and Time is the impossibility to think beyond Morphe and Energy.

Here, we can only add that, while Space is Positive, Self-identical and Mnemonical (Remembering Space), then Time is Negative, Non-self-identical and fantasizing – Chance Time.

Number and Time. Numbers and Instants.

If the Numbers are the Instants - Time, taken as Quantity, then the concepts (ideas) are the Instants – Time, taken as Quality.

Time, divided by the General gives birth to the Numbers.

Time, divided by the Particular and Individual – gives birth to Events, Things and Matter.

Time, divided simultaneously by the General and Particular gives birth to Concepts and Ideas.

But the division of Time is Instants.

Hence, Time divided by Instants – as General – gives birth to the Numbers.

Time, divided by Instants – as Individuals gives birth to the Things.

Time, divided simultaneously by Instants-General, and Instants-Individual, gives birth to Ideas and Concepts.

Here arises the question: How is Time simultaneously both World-Emotion and Numbers?

How is Time simultaneously both World-Emotion and Concept-Ideas?

THE UNIVERSE AND THE NATURE

Linear Consecutive Time-Consciousness and Perpendicular Instantaneous Simultaneous Time-Consciousness

The Nature does not exist, the Nature is a structure instantaneously recreated by the encounter of the formless, infinite Energy, with the finitude form, and by the encounter of

the formless, omni-directed pure infinite time with the finitude of formhood space.

The Universe does not exist, the Universe is a structure instantaneously recreated over and over again by the incorporation of the infinite open amorphous time into the ultimate closed space of form. The Nature is a structure instantaneously recreated by the omni-possible future logically incorporated into the mono-possible present, thus transforming the quantum possibilistic future into a macroscopic present, and the present - once again into a quantum possibilistic past.

What scientists normally explore and claim to be “nature” or “science”, is only the reflection of a fact from the past, whereas, unlike future, the present is elusive and instantaneously turned into the past. The venue of science is the past, an imprint from things gone and resulted, while the potential of the present is already implicit in the future, as signifying future rather than the present; becoming is equal to things still to happen, whereas have become is equal to a result from the past. The omni-possibility of the future has to be logically incorporated within the mono-possibility of the present in order to function and take over through a wave reduction.

Anyway, let us for a while go back in time and reconsider matters voluminously discussed over the years, yet not mentioned in the book: our experience in modifying the categorical and conceptual calculation, a new reading in terms of Leibnitz’ calculus-ratio-cinator. Thus through introduceductivity an attempt is made to differentiate between two notions: symmetry and asymmetry, Form and Energy respectively, namely, formless Energy and formhood versus Ideas/Form.

The Nothingness instantaneously emanates Impulse-Time, or Impulse-Energy, taken over by the objective memory to be delineated by form and transformed into space.

Energy is the factor to continuously carry out the analysis through self-division, self-otherness and self-negation, and on the other hand, it is the Form to ceaselessly self-confirm through synthesis, i.e. synontosis. Thus the Form sticks to integrity, whereas the Energy disintegrates.

The Energy as a symbol of activity, an agent of non-self-identity keeps on negating itself thus providing matter for ontological analysis.

As far as the world objective unconsciousness goes, it could be stated that the unconscious has primarily got a major fundamental characteristics: the characteristics of ontologic and semantic transparency, that is, the characteristics of non-locality and quantum superposition. In other words, this actually is the most important feature of the audio-culture, or the so-called acoustic culture, also known as the right hemisphere and Corpus Callosum. The acoustic culture is a variety of music-poetic-metaphoric culture, as far as the logics of acoustics allows that particular ontological and semantic transparency as the factor for the ultimate integrity of the manifestation of all other events, without mutual deformation, the latter being forbidden in the venue of the visual culture as a paragon of sequence. Since the acoustic culture is one of simultaneity, it implicitly is a culture of the unconscious. The visual culture belongs to only one type of consciousness, i.e. the Linear-Consecutive Consciousness, which repeats the linear consecutive time moving in succession.

On the other hand, Consciousness has always been defined as a contraction of time, in other words, bringing together of the Past, the Present and the Future in a single

Instant, which turns Consciousness into a timeless Time of Simultaneity; the latter defines Consciousness through another perspective as a result from an entirely different moving of Time: Perpendicular Simultaneous Instantaneous Consciousness.

As a rule, scientists basically use their left brain, and moving through the Linear Consecutive Time mainly apprehend the latter, and tend to neglect, or are totally blind and have no receptors for the Simultaneous Instantaneous Perpendicular Consciousness running through the Simultaneous Perpendicular Instantaneous Time, the perception of which is mainly realized through the right hemisphere and the Integrative Mind of Corpus Callosum.

ENERGETIC SIGNS, OR, WHAT THE UNIVERSE CONSISTS OF

The Universe consists neither of Ideas, nor of various kinds of Energy but of “Energetic Eidoses”, “Energetic Signs”, or “Energizing Informational Continuum”, or (“Energy-Information Continuum”), or “Energetic Cogito”, which upon dissociation into bits of Energy and bits of Information respectively, are perceived as “Reduction of the Wave Function” and we recognize the reduction through the appearance of the Perceptory Function effected upon the disintegration of the Wave Function.

The Energy and the Information in question, upon re-association to recover the “Energetic Sign” are perceived through reasoning as the “Restoration of Wave Function”,

(and we can recognize the Wave Function Restoration through the partial disappearance of the Perceptory Functions recovered again into Wave Functions and Information).

It might seem that Energy and Information disappear; they are actually absorbed by the imperceptible event, which restores the “Energetic Sign”, and to reasoning phenomenolizes as the Restoration of Wave Function.

(While Energy and Information seemingly disappear, to form, for instance, a “Singularity”, or a “Black Hole”, or when we are simply deep in thought, focused on something, or inspired – Energy and Information blend into an integrate whole to be absorbed into the restoration act of the “Energetic Sign”).

To form an “Energetic Sign”, Energy and Information must first be absorbed together (and disappear) into an event, which sensory-perceptory is unperceivable, nor thinkable:

For Thought and Energy had to join for agglutination and losing independence – and ontologic autonomy, in the Energetic Sign – to give birth to the Energetic Sign.

And the other way round, the appearance and availability of Energy and Thought (Information) is already indicative for the disintegration of an “Energetic Sign”, and through its self-disintegration, or self-dissociation, gave birth to both Energy and Thought (Information).

“Energetic Signs” can be mentally pictured as an Unarticulated event “Energetic Cogito”, “Energetic Eidos” (Energetic Idea), or “Energy-Information Continuum”, where “Energy thinks” and “Thought energizes”, where Energy and Information are indistinguishable from each other because they both disappear in order to create “Energizing Information”

and “Informational Energy” as “Energetic Signs” or “Energetic Cogito”.

The Perceptory Function disappears because it has reformed back into the recovered Wave Function. And Energy has disappeared not because of its transformation back into Information but because it once again associated with Information, so that both together could be simultaneously absorbed into the process of the “Energetic Sign Restoration”.

(Where all Perception is reduced, or collapsed, to Wave Functions. And all Perception and perceptory energy, which have disappeared, are only Restored Wave Functions)

From the point of view of the Sensory-Macroscopic Universe, Energetic Signs are invisible.

The status of the Energetic Signs is a status of a Possibilistic Information Universe, which is also the status of Unreduced Wave Function.

When Energy and Information disappear, they are actually absorbed by the act of the “Energy Sign Restoration”, and to us its restoration is manifested as a “Singularity”, or a “Black Hole”, or profound thinking. “Singularity means no more than the transformation of the Sensory-Macroscopic Universe back into the Possibilistic-Informational Universe.

All our Thoughts are Unreduced Wave Functions.

All our Perceptions are Reduced Wave Functions.