

New Rules for Science: the Evolution of Space/Time Quantum-Architectures

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Looking to brain chemistry, creativity means to open the mind in order to share information among various specialized areas of the neurological system. In fact the creativity method needs to follow two steps : 1) “**Problem posing**” in an enlarged context of thought ; 2) “**Problem solving**” of the consequent open questions.

Therefore creativity needs firstly an activity of "problem posing " using a different point of view in respect to the traditional context of thinking and 2) to find new ways for "problem solving" before insoluble conceptual problems.



Following the above method of research, I develop the theory of ENTANGLEMENT (literally "Intrigue" of wave/ particles), which I described in several articles in : www.wbabin.net and in www.egocreanet.it and in other WEB-Sites of the EGOCREANET//ON-NS&A research group.

In fact “**Entanglement Theory**” would outline an new approach in science for overcoming the mechanistic character of traditional science understanding in order to outline a more appropriate logical context of **BIO-QUANTUM PHYSICS**, to better understand the evolution of living systems.

Every time the quantum particles are packed in an insufficient space, (e.g. caused by a strong collision or other shocks that push two or more particles into a small area) the condensed particles overlap their associated waves. So this wave's overlapping gives rise to a quantum commutation of relativistic space-time. At the same time the mass of entangled particles is transformed into "binding energy" following the application of Einstein's formula, $E = mc^2$.



1) - PROBLEM POSING :

The complete commutations matrix of Space-Time is briefly written as follows.

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OVERLAPPING AREA AND COMMUTATION OF SPACE DIMENSIONS

$$\begin{array}{l} S1S2S3 \leftrightarrow S1S2 \quad \leftrightarrow S1 \\ T1 \quad \leftrightarrow T1T2 \quad \leftrightarrow T1T2T3 \end{array}$$



SIMULTANEOUS CONTRACTIONS IN THE DOMINION OF TIME

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As a consequence :

- In an ORDINARY SYSTEM (**XYZ, T1**) the information can be only locally transfer from one point to another in Euclidean space dimensions
- In the First TRANSITION SYSTEM (**XY, T1T2**) the information is shared simultaneously (delocalized) in the format of two or more quantum particles
- In the Second TRANSITION System (**X, T1T2T3**) the information "evaporated in a tunnel " in three times a) deceleration b) inversion c) acceleration along the unique axis of space X

2)- PROBLEM SOLVING:

The scientific problems opened by this evolution of Space-Time are various and therefore we propose to analyze it later.

Among them:

- The study of non-linear dynamic exchange based on synchronisms and simultaneity in double dimensions of time
- The study of the stability // uncertainty of 'ENTANGLEMENT // DISENTANGLEMENT processes in the perturbations caused by strong confinement of particles.
- other problems emerge in case of the need for large dissemination in artistic and theatrical representation of the ENTANGLEMENT THEORY.

These themes will be part of the dialogue arranged for improving the meeting on SELF - ORGANIZATION PHENOMENA that will be held in Florence (IT) NOV/2008/14 to Viesseux in



Palazzo Strozzi. See in www.egocreanet.it

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