

## “INTRODUZIONE AL BIO-VITALISMO”

(Principali – Premesse della Quantum-Bio-Fisica ) (1) .

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Future Forecasting

### **P-P 1. ) - NON C'E' FUTURO per il "MECCANICISMO SCIENTIFICO".**

Sappiamo che tutte le equazioni del moto in fisica utilizzano come misura del tempo l'orologio e strumenti equivalenti dove il tempo diviene una serie di numeri ed e' considerato come sequenza reversibile. Pertanto le formule  $F=ma$ , ovvero  $E=mc^2$  sono simmetriche rispetto al tempo, cioe' assumono la stessa forma se la direzione del tempo è invertita. "Le leggi della **"scienza-meccanica"**, pertanto non fanno mai una distinzione fra passato e futuro poiche' si misurano i fenomeni quando sono già accaduti. Per ovviare alla inesistenza di una freccia del tempo nelle formulazioni della fisica classica , la **"Termodinamica"** introdusse il concetto di **ENTROPIA**, quale relazione tra l'ordine ed il disordine spaziale; in tal modo la freccia del tempo viene tradotta arbitrariamente in una relazione di **crescita Entropica** per sistemi chiusi, ... ma dato che l' **ordine/ disordine**, sono concetti relativi allo spazio e non al tempo, la **freccia del tempo**, come entità irreversibile, resta nuovamente esclusa anche dalla termodinamica . La **Meccanica Quantistica** risolve la questione del tempo eliminandolo completamente e sostituendo ad esso la **Probabilità** che è un concetto che trascende ogni informazione sul tempo e la sua freccia unidirezionale.

Quest'ultima è la ragione prima del perché l' **ENTANGLEMENT**, fenomeno che reintroduce il concetto di **simultaneità temporale degli eventi condivisi** pur rappresentando una possibilità realmente innovativa che è stato escluso sistematicamente dalla **Meccanica Quantistica** dagli scienziati più noti del secolo scorso. L' Entanglement introdotto per la prima volta da **Erwin Schrodinger** ( 1926 ), fu considerato un fenomeno improbabile , proprio per mantenere i modelli in sostanza **"a-temporali"** della fisica-meccanica, sia classica, che relativistica e quantistica. (2)

**Pertanto per la scienza meccanica , quando volgiamo lo sguardo per vedere le stelle, contrariamente a quanto credevano gli alchimisti , osserviamo unicamente il passato.**

**Cos'è esattamente il "tempo"?** chiesero alcuni studenti al Nobel per la Fisica **Richard Feynman** (1965) ed egli rispose cisi' : secondo Epicuro **"il tempo è l'accidente degli accidenti"**, e pertanto a me non chiedetelo nemmeno per scherzo. Le leggi fisiche della **meccanica** esistono solo nei limiti storici della vostra mente ormai in evidente ritardo nel comprendere cosa provoca nel mondo biologico lo scorrere del tempo, cosa lo fa muovere verso il futuro.



BIO-VITALISM



(3)- Luce//Buio : <http://www.edscuola.it/archivio/lre/sole.pdf>

(4)- Tunnelling & Perception : <http://www.wbabin.net/science/manzelli13.pdf>



[http://www.scientificamerican.com/vi...sc=DD\\_20101028](http://www.scientificamerican.com/vi...sc=DD_20101028)

**ENGLISH Translation .**

**"INTRODUCTION TO BIO-VITALISM " (1)**

**(Main - Background of the Quantum-Bio-Physics)**

**P-P 1.) - No Future "Mechanic - Science."**

We know that the equations of motion in physics that as a measure of time using the watch and cash seconds as equivalent of a series of reversible numbers. Therefore, the formulas  $F = ma$  or  $E = mc^2$  are symmetrical with respect to time, so that such equations assume the same shape if the direction of time is reversed. "The laws of mechanical science " never make a distinction between past and future," because when you can measure the phenomena they have already happened.

To remedy the absence of an arrow of time in the formulations of classical physics, "Thermodynamics" introduces the concept of Entropy, which consider the relationship between the spatial order and disorder, thus the arrow of time is arbitrarily translated into a relationship of Entropy's growth for closed systems at equilibrium , ... but since the order / disorder are relative concepts of space , so that also in this case the arrow of time as an irreversible entity is again excluded by means thermodynamics.

Quantum mechanics resolves the question of time arrow deleting completely time and replacing it with the "Probability" that is able to get an extension to a not equilibrium dynamics. Certainly "Probability" is a concept that transcends any direct information about the time's arrow .

This become the primary reason of why the "quantum entanglement", a phenomenon, which reintroduces the concept of temporal simultaneity of events, normally is not considered by the academic science. (2)

Entanglement was a truly innovative opportunity that has been excluded by most famous scientists of the last century, just to maintain the models of mechanical-physics , both classical and quantum relativistic ones, in fact all of mechanic-physics always tend to exclude the not reversible function of time in its interrelationship with the space preferring the conventional reversible time concept described by an unique -linear coordinate. Science in this way prefers to conserve a model of representation o space that is in its essence "a-temporal".

"What exactly is "time"? asked some students to the Nobel physicist Richard Feynman (1965) and he said: according to Epicurus, " time is the accident of accidents ", and therefore please I do not accept that you ask to me many question about time-less concepts of physics.

Therefore the physical laws of mechanics are not natural laws, but exist only in the historical limits of human mind of industrial society ,that nowadays , we need to overcome for understanding what causes in the biological world of the passing of time,and what made life-timing to move into the future.

**P-P 2.) - Assumptions about resolving the quantization matrix of space-time.**

We know that in the usual scheme of quantum mechanics the time(T)is not quantizable, but only space (X, Y, Z) is quantized in different energy levels.In fact, the hypothesis of quantization of time (granules of time), thought as an entity separate from the space, have no chance of finding operators switching the quantization correlation between space and time. (3).

In that case the "entangled systems" are exceeded the conditions in which it is valid on the Heisenberg Uncertainty Principle, between the time and energy.In fact for "entangled systems" becomes possible to forecast a known direction of the spin of an electron, because is the inverse of the spin direction of other electron belonging to the entangled electron's system.

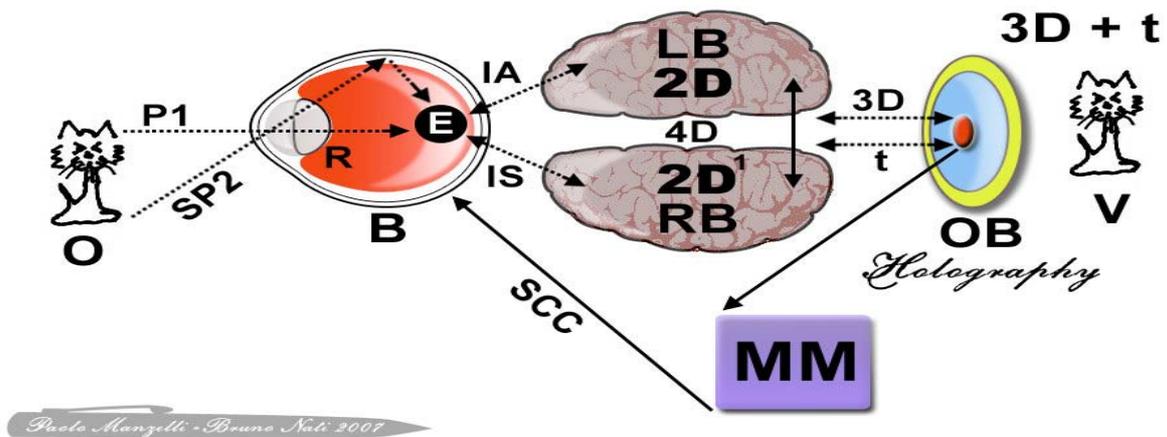
This entangling effect can proceed again in cases such as in "quantum tunnelling" in which the spatial dimension is reduced to a single component, so that the four-vector quantization of space-time appears to be composed of three temporal and only one spatial coordinate (X, T1, T2, T3), that leading to a situation that is exactly opposite to the traditional composition of Cartesian coordinates in Euclidean space-time. (Second quantization) (4)

**P- P 3.) BIO-vitalistic interpretation of formation of mental images of perception:**

These premises of Quantum-Bio-Physics, are fundamental to understanding how the brain uses "Entanglement and un-Entanglement effects", during the brain-perception in order to obtain a synchronous and simultaneous vision of perceived environment.

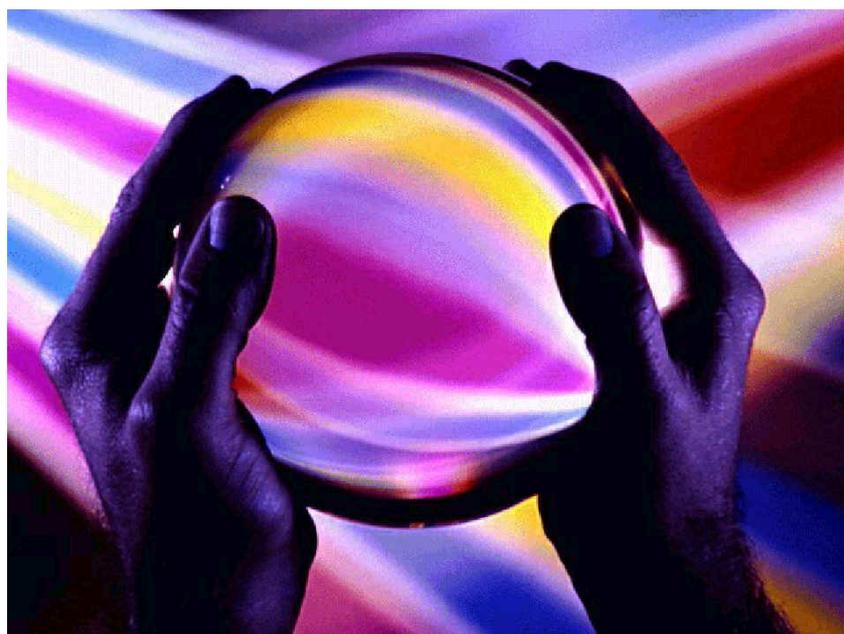
Entanglement activities take place in the eyeball, and can the information energy can be transmitted simultaneously to the two cerebral hemispheres through the information received by the photons, which after the bilateral comparison, are "un-entangled" by means the analytical test system conversion produced by the occipital lobe that acts to a restructuring of the images on the basis of three-dimensional geometry giving a perspective of the dynamics of external events developing in the Euclidean space-time.

*2. Bio-Physics of Vision*



**“Entanglement & cerebral processing of eye's vision“**

**Legenda: (P= Photon; E = Entanglement ; D = Dimension ; OB =Occipital Lobe ; M M = Memory)**



**LOOKING FOR A MORE CONSCIOUS FUTURE**