

Human Biocatalysis and Human Entanglement. How to fill the Gap between Quantum and Social Sciences?

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In complexity science, entanglement is what exists before order emerges. The role of quantum entanglement as the precursor to emergent order is much discussed in physics [1]. For instance, Gell-Mann [2] defines an entanglement field as a 'fine-grained structure of paired histories among quantum states'. The notion of the primordial pool which existed before the origin of life is also much discussed in biology [3].

According to Christopher Davia [4] the evolution of life is the evolution of catalysis. Indeed, the biosphere, taken as a whole, may be considered a macroscopic process of catalysis. From the evolution of catalysis, from specific to non-specific, has emerged Man, the most non-specific catalyst on Earth.

In our definition Human Biocatalysts (HB) are human beings able to catalyze human relationships in a very selective way. The activity of a Human Biocatalyst is to interconnect people with reciprocal affinity by selecting them among a huge number of people. A HB is able to stimulate reactions between people through communication, in order to obtain tangible products.

McKelvey has found that an understanding of entanglement from quantum theory can throw useful light on the nature of ties among people and their impact on emergent order in organisations. In terms of human behaviour, he explained that a high correlation between the paired histories of people would mean they think in similar ways; a low correlation would mean they go in different directions [5,6].

Dean Radin has done extensive work on the idea of Human Entanglement. He describes experiments that shown a non-local connection between human beings when they 'think' of each other [7].

Entanglement, when included in quantum games [8], makes (somehow) everybody win. Entangled quantum strategies are such that all players cooperate, and classical egoism (destructive) is replaced by quantum altruism (constructive).

Entanglement might explain some form of telepathy, actually quantum pseudo-telepathy [9] between "quantum-minded" players who play a quantum game.

We think that Basic logic [10] could be a good starting point towards a deeper understanding of the Quantum world also because it is the only logic which can accommodate the new logical connective @ = "entanglement"[11].

One of our dearest hopes is that Basic logic, once applied to the study of the deepest levels of the unconscious, might be useful for the care of some mental diseases, like schizophrenia, which are still wayward with respect to usual psychotherapy.

The Quantumbionet will be presented. The network will include well-known intellectuals, teachers and laboratories supporting the development of sciences and aimed to play an active role on the international stage for human health and wellness enhancement. The network will be the bridge between science and human behaviour.

References

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