On philosophy of mind, quantum physics and metaphysics of the uni-multiverse

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Abstract

Metaphysics, as discipline dealing with the most fundamental aspects of reality, studies the essence of entities, leaving to particular sciences the study of empirical, specific, changeable and unstable aspects. In this sense metaphysics is close to ontology, tackling problems as the existence of God, the being in himself, the immortality of consciousness, the origin and meaning of the universe. Speculative physics pushes its interest to metaphysical questions too, both at a technical (mathematical) level, and at the level of thought (in relation to philosophy). In recent years interesting concepts and ideas have been considered and developed, involving the latest unified quantum-relativistic theories and the consequences on reality deriving from them.

The search for a meaning of life, one of Anscombe's themes, finds ferment in the search for meaning about the existence of our universe in itself and as a possible part of a multiverse containing it.

The problem of measurement in quantum mechanics appears from the application of the mathematical formalism to macroscopic situations and the central position of the observer in this process has produced a deviation towards a metaphysical subjectivism. There are controversial aspects about the role of consciousness in the process of reducing the wave function of quantum mechanics. This narrows the field of validity of some fundamental principles during the interaction between microsystems and macrosystems, with consequent diversification of the

definition of the ontological state of consciousness and reality. (Local) holism has often been linked to Wittgenstein. From Wittgenstein's answers to the paradoxes of communication and conceptual relativism, a tension emerges in his vision of linguistic games and in his mental experiments, traditionally interpreted in contrasting ways. This tension can be better understood through some reflections by Wittgenstein on Einstein and his theory of relativity.

Keywords: Philosophy of mind, Contemporary physics, Wave function, Metaphysics, Consciousness, Ontology, Holism, Uni-Multiverse, Meaning.

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