

Recent Conceptual Consequences of Loop Quantum Gravity. Part II: Holistic Aspects.

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Abstract

Based on the foundational aspects which have been discussed as consequences of ongoing research on loop quantum gravity in the first part of this paper, the holistic aspects of the latter are discussed in this second part, aiming at a consistent and systematic approach to eventually model a hierarchically ordered architecture of the world which is encompassing all of what there actually is. The idea is to clarify the explicit relationship between physics and philosophy on the one hand, and philosophy and the sciences in general, on the other. It is shown that the ontological determination of worldliness is practically identical with its epistemological determination so that the (scientific) activity of modelling and representing the world can be visualized itself as a (worldly) mode of being.

Keywords: Natural Philosophy, Philosophy of Science, Quantum Gravity

Subjects: [Specific Sciences: Physics: Relativity Theory](#)

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