

Peer Review

Review of: "A 21st Century MONADOLOGY or Principles of Philosophy"

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This is certainly great historical and conceptual research that creates a bridge with modern physics. I would love to have the time to go through all of it, especially on the physics aspects (not everything sounds correct—energy, spin, and mass aren't parameters but dynamical variables, while time is a parameter, and yes, entangled particles/modes have less information than non-entangled ones), but it is much too long to fit into my timetable. On the fly, some questions arose spontaneously... Could one establish some connections between Leibniz's monadology and Carlo Rovelli's relational quantum mechanics? I guess so, but didn't see this mentioned. Can the concept of appetite be something similar to Heisenberg's 'potentia' in quantum physics (something he borrowed from Aristotle)? Could other aspects of classical quantum mechanics (not necessarily QFT) be reminiscent of monadology, such as Heisenberg's indeterminacy principle and the principle of indistinguishability? Also, for Leibniz's mill, I would point out how it was a sort of precursor of Chalmers's hard problem of consciousness (people believe he was particularly original, but the issue wasn't new...) Also, a discussion at the beginning about if and, if so, how Leibniz should be placed in the context of old and modern frameworks of panpsychism would be desirable.

Anyhow, I love the approach even more than the content. I believe that there are a lot of old philosophical theories of the past that have been rejected as "antiquated" and that it is time to rediscover them. In this sense, the author has done excellent work.

Declarations

Potential competing interests: No potential competing interests to declare.