



Space and Time as Containers of the "Physical Material World" with some Conceptual and Epistemological Consequences in Modern Physics

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A particular science is not only defined by its object of study, but also by the point of view and method under which it considers that same object. Taking space and time as an illustrative example, our main aim here is to bring out an almost forgotten conception of science found in many doctrines that seek mainly-but not only-a qualitative and synthetic knowledge rather than, as in modern physics, for example, a quantitative and analytic knowledge. The latter point of view is found to be very limited and fragmented, leaving outside many scientific questions and answers, while the former opens up the way to valuable and interesting answers to those and many other questions. In particular, we argue that the conception of space and time as containers of, respectively, bodies and events, clarify many conceptual and epistemological issues of modern science related to the physical material world.

Comments: This paper is an enriched and reorganized version of our "Space and time as containers, Space divisibility, and Unrepeatability of events" (cited as [arXiv:0711.4050v1](#)[physics.hist-ph]). Key words: Space; time; spacetime; probability; corporeal world; ; synthetic knowledge; analytic knowledge

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