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**Les mathématiques seraient un langage comme les autres
qui déterminerait les savoirs par leur ontologie cachée
Etude 1 : l'indétermination d'Heisenberg**

**Mathematics Would Be a Language Like any Other which Would
Determine Knowledge by their Hidden Ontology:
The Heisenberg's Principle of Uncertainty**

Abstract: The mathematization of physics and science carries the risk of an absorption of realities to the point of confusing them with the symbols that serve their representation. This Pythagorean and Galilean project includes a hidden ontology, that of the derealization of the world in its representation. Physics is no more than a reflection of its representation, gradually manifesting its understanding of the hidden ontology of its language, not of the real. This first study on Heisenberg's indeterminacy shows how the physicist reflects the dilemma of ordinals and cardinals. The disappearance of the real is a consequence of the primacy of mathematics: the logic of the imaginary.

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