

The Fundamental Principles of Existence and the Origin of Physical Laws

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Abstract

In this essay the ontological structure of reality is explored. The question of reducibility of biology to physics is considered in the context of their ultimate principles. It is shown that biology is an ontologically autonomous science and is based on its own, independent ultimate principle that is independent from that of physics. In the next step it is shown that self-consciousness represents a separate realm with its own, ontologically autonomous, ultimate principle. Understanding that reality is based on ultimate principles, a new possibility arises to interpret the origin of physical laws.

Keywords: ontological principles of reality; reduction of biology to physics; independence of biology from physics; life principle; action principle

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