

The Leaves and Roots, of Abstraction

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A tree is covered with many leaves. The leaves rustle, speak, argue among themselves. But shouldn't they know that the roots feed them?

Physicists behave as leaves. They rustle, speak, argue among themselves. But they forget the roots of science, namely that we build the base of a science on abstract ideas.

The base of the classical mechanics is constructed on the abstract separate absolute space and abstract separate absolute time of Newton.

The base of thermodynamics is constructed on the abstract ideal gas theory.

The base of the theory of radiation is constructed on the abstract black body theory.

The base of SRT is constructed on the abstract theory of four-dimensional space theory.

On this abstract base, physicists build a concrete building of science and are surprised when they discover paradoxes in it. But in nature there are no paradoxes observed. Something is not in order with logical thinking. It is necessary to stop, look back and reconsider the abstract base of science.

But everyone is in a hurry to try to understand reality, and they create new abstractions. This is the way to a "mad infinity"; an Orwellian world of abstraction and of paradoxes. How do we break off this cycle of abstraction?

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