

Review of: "[Commentary] Why Einstein Could Not Agree With Quantum Mechanics"

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Potential competing interests: No potential competing interests to declare.

In my opinion, the work is very well structured and deserves to be published by Qeios.

The work shows some of the reasons why Einstein, or anybody with some knowledge of the history of science, was not in agreement with the standard interpretation of quantum theory.

Still, I think that some quotations and statements, chosen by the author and made by Einstein, ought to be generalized. For instance, the quotation of Einstein:

Thus I incline to the opinion that the wave function does not (completely) describe what is real, but only a to us empirically accessible maximal knowledge regarding that which real. Thus I incline to the opinion that the wave function does not (completely) describe what is real, but only a to us empirically accessible maximal knowledge regarding that which really exists. . . .

This statement ought to be generalized to any physical theory; that being a mere human construct designed to help us to improve tendentially our capacity of persisting, it has always a limited capacity and consequently can never be a complete theory.