

## Lev Vaidman

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### Ontology of the wave function

I will argue that the picture in which the only ontological concept in description of Nature is the universal wave function is consistent with our experience(s). Although formally, the wave function is defined in the configuration space of positions of all particles, the decomposition of the wave function to superposition of components described in 3-space is what provides the connection to our experience. The role of the wave function evolving backward in time will be explained.

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