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How to reconcile non-local reality and local non-reality

Non-local reality and local non-reality are two seemingly irreconcilable interpretations of quantum mechanics. We attempt to reconcile them by constructing a bridge, an interpretation of quantum mechanics that interpolates between them. It is done by solipsistic hidden variables (HV's), which is a theory of Bohmian-like particle trajectories associated only with the essential degrees of freedom of the observer, not with the observed objects. In contrast with the standard Bohmian HV's, nonlocality in solipsistic HV's can be substantially reduced down to microscopic distances inside the observer.

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