

Demetrius Lacon - Main Biography

Post by “Pacatus” of November 26, 2023 at 6:06 PM

[Bryan](#)

I don't have any background here, but I thought that in a superposition the ultimate state is indeterminate (metaphorically “both and neither”) until the function collapses?

Outside the idea of superposition (which I am in no way dismissing - except perhaps with regards to ancient philosophy) it seems that there is not a paradox but a logical contradiction - i.e. in violation of the law of noncontradiction: $\sim(A \ \& \ \sim A)$, in the same state at the same time. (Unless, of course, one is just talking about a mixture of, say, atoms of greater and lesser density ...)

Take this whole post as a question ...