# Part III

# Interpretation

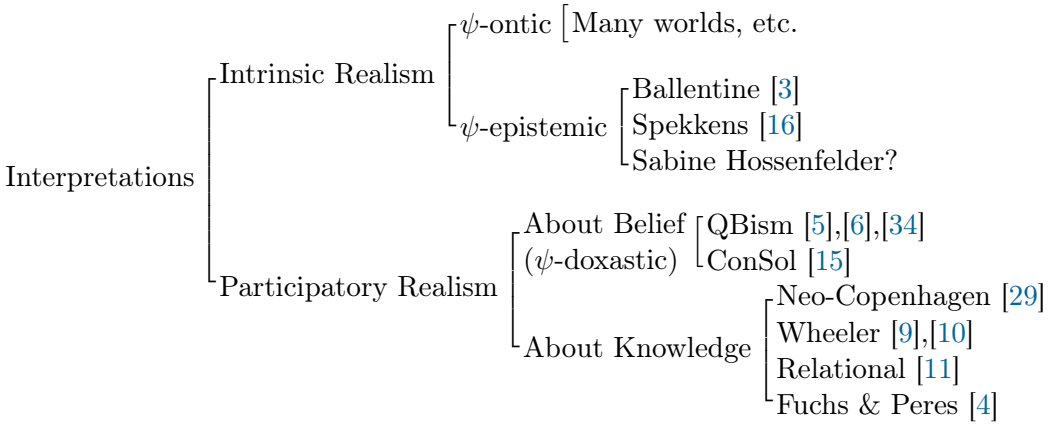
*What's the most resilient parasite?*
*A bacteria? A virus? An intestinal worm??*

*An Idea!*

*Resilient, highly contagious.*
*Once an idea has taken hold of the brain it's*
*almost impossible to eradicate.*

*Cobb*
*Inception*

The complications in the interpretation of quantum theory come from the interpretation of probabilities occurring in quantum theory. We follow Adan Cabello's classification of the various interpretations of quantum mechanics [21]. Interpretations of quantum theory can be broadly classified according to whether they view probabilities of measurement outcomes as determined or not by intrinsic properties of the observed system.




Depending on the choice of interpretation of quantum states, the physical meaning of experiments is interpreted differently. So, questions like what is quantum theory about, what is the meaning of quantum entanglement, what does teleportation means, etc. depend on the choice of interpretation of quantum states.

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