



Do Quanta Need a New Logic?

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What is Logic? My answer consists of three steps: Logic is about Language, Language is about the World. Panlogism is the attempt to "short circuit" this process by identifying the real object and the "concrete-in- thought." It leads to the assertion: Logic is about the World. If we abandon panlogism, we see that quantum logics (note the plural!) are just different ways of reformulating the same content. The danger: is that, If we accept the idea of one unique quantum logic, that provides all the answers, this prevents us from confronting the real questions about quantum mechanics.

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