



نقدی بر ادعای بسط ادراک در مکانیک کوانتوم

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Abstract

According to QBism, a subjective interpretation of quantum mechanics, quantum states describe the agent's expectations for what they will experience. In this context, Chris Fuchs (2017) and Jacques Pienaar (2020; 2023) claim that instruments such as the Stern–Gerlach apparatus extend the agent's personal experience. In this talk, I argue against this claim. Experience understood as perceptual experience enjoys an immediate justificatory force, which the results of experiments lack. For this reason, the results of experiments do not count as, and cannot extend, perceptual experience. I also argue that the extended mind thesis, distributed cognition, and phenomenological views of perception cannot help QBists in supporting their account of extension.

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