

# Is Quantum Mechanics Technologically Inadequate?

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## Abstract

In a recent issue of the British Journal for the Philosophy of Science (2005), P.E. Vermaas claims to have demonstrated that standard quantum mechanics is technologically inadequate in that it violates the 'technical functions condition'. We argue that this claim is false because based on a 'narrow' interpretation of this technical functions condition that Vermaas can only accept on pain of contradiction. We also argue that if, in order to avoid this contradiction, the technical functions condition is interpreted 'widely' rather than 'narrowly', then Vermaas' argument for his claim collapses. The conclusion is that Vermaas' claim that standard quantum mechanics is technologically inadequate evaporates.

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