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Some question marks surrounding quantum-mechanical weak values

The introduction and promotion by Aharonov, Vaidman, and others of weak values (WVs) connected to weak measurements and postselection has opened a new, fruitful subfield of quantum mechanics (QM). As all new endeavors it has also met with some criticism. In my contribution, I will look at some of these critical issues: How is the WV of a projector to be interpreted? Does the strength of the weak measurement influence the interpretations of that WV? Could the use of projector WVs lead to logical inconsistencies?

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