

Review of: "Quantum Mechanical and Classic Measurement Result Quantities are Equal (Even though their Numerical Values are Not)"

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Potential competing interests: No potential competing interests to declare.

The author talks about how two seemingly different concepts are actually equal in terms of their measurement quantities, despite their numerical values being distinct. The author provides insights into the nature of measurement results and their relationship to wave functions and eigenvalues.

The author points out a commonality in terms of precision. In classical measurements, the precision of the unit is determined by the accuracy of the calibration process. While precision of the unit in quantum mechanics is determined by the inherent uncertainty in the measurement process.

In summary, the uniqueness of the paper lies in its formal development and verification of the equality between quantum mechanics and classic measurement result quantities, as well as its emphasis on the role of calibration and precision in both classic and quantum measurement processes.

Overall, I feel the author should strengthen the paper by comparison with POVM and generalized measurements to name a few.