

CHAPTER OVERVIEW

8: The Formalism Underlying Quantum Mechanics

Now we have worked a bit with wave functions, we do have to consider some of the underlying interpretation. This can be most easily captured in some formal statements. Note, however, that even though there is no problem with calculations of quantum processes, the interpretation of QM and the measurement process is a complicated and partially unsolved problem. The problem is probably more philosophical than physical!

[8.1: Key Postulates](#)

[8.2: Expectation Values of \$x^2\$ and \$p^2\$ for the Harmonic Oscillator](#)

[8.3: The Measurement Process](#)

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