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The wave-interpretation : This is the position proposed in the present thesis, in which the wave function itself is held to be the fundamental entity, obeying at all times a deterministic wave equation.

→ P

This view also corresponds most closely with that of Schrödinger¹. However, this picture only makes sense when observation processes themselves are treated within the theory, since it is only in this manner that one can see that objects, etc. will appear to have definite positions etc., and apparent particle nature can be understood, even though the waves are continually diffusing about. With this deduction^{in the wave theory} of the appearance^{subjective} of phenomena

to observers Heisenberg's criticism² of Schrödinger's opinion

-- that continuous wave mechanics could not explain the discontinuities which are everywhere observed -- is effectively met. → The wave-picture is definitely tenable and, we believe, the simplest complete, self-consistent theory.

→ The "quantum-forms" exist in our theory as relative phenomena -- the states of an object system relative to chosen observer states show this effect, while the absolute states change quite causally.

~~For further criticism of the various alternate interpretations~~

~~For further details of these views the reader is referred to the literature as well as criticism~~

~~For further criticism of the usual interpretation the reader is referred to the original papers by Bohr [], Werner [], Schrödinger [], Einstein [?], and for further criticism of alternative views from the point of view of the Copenhagen scheme see Heisenberg []~~

~~For further details, criticisms and so on of the various interpretations the reader is referred to the original articles by Einstein [], Bohr [], Bohm [], Werner [], Schrödinger [], Bopp [?] and [?] and Heisenberg [].~~