

Abstract Submitted
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An alternative to Wave Particle Duality JEFFREY BOYD, Independent — by Jeffrey H Boyd. It is incorrectly thought that there is a mountain of experimental data supporting wave particle duality, WPD. We present a theory, Theory of Elementary Waves, that equally well explains that mountain of data. TEW views waves as independent of particles. Wave interference is complete before a particle is emitted. Often the waves and particles travel in opposite directions. To support TEW we offer four experiments. One. The TEW explanation of the double slit experiment. Two. Neutron interferometer data that can be explained by TEW but not WPD. Three. A variation on the double slit experiment in which WPD and TEW predict different outcomes. Four. The TEW explanation of the Bell Test experiments.

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