

Comments on " Double-Wave Theory"

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Abstract: Some falsehoods of the so-called double-wave theory (DWT) are pointed out. The logic and the origin of the DWT, and three of the four fundamental hypotheses of DWT are criticized. It is expounded that the hypothesis of two wave functions is unreasonable, the hypothesized Hamiltonian differs from the actually used Hamiltonian, and the hypothesized expression of measured values or mean values of mechanical quantities is wrong and does not express the measured values or mean values at all.

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Key words: quantum mechanics, statistical properties, deterministic properties, double-wave theory, mechanical quantities

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