THEORY ON SCHRÖDINGER CLOUD EQUATION

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ABSTRACT

I performed quantum Schrödinger cloud equation with the progressive properties of wave function and interpretation of wave cloud function. From the fundamental Schrodinger wave equation I derived the cloud wave function which is being propagate wave as a function of energy transfer with its decoherence stage .Source of generating wave function are in a random motion of a particle with any direction ,starting from any point generated a S-P line wave function and these generation creates a wave propagation in geometrical elliptical space with pulse transformation with low decoherence value of high amplitude and it transverse pulse on the space region with visualistic sin wave function. The high decoherence low microwave propagate a pulse in the vacuue weak space of the ellipse and coherence of wave propagation in the shift space wave transformation or, when the two pulse of microwave merge together in the occupied space it transfer with constant amplitude with constant wave pulse propagation. The beneficial effect of low decoherence weak vacuue space of ellipse without the sin wave propagation as an experimental set up for determination of an atom optical wave dimension in weak decoherence stage of atom in space boundary regime.

KEYWORDS: Schrodinger Cloud Equation, Sugato Pulse