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THEORY ON PULSE PHENOMENON IN THE RYDBERG ATOM INTO THE OSCILLATING ORBIT IN THE HILBERT SPACE

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ABSTRACT

I explore theoretically development the pulse phenomenon in the stability of Rydberg atom into the oscillating orbit in the space Hilbert. Its energy function of pulse dynamic have to be 0 to $3\frac{\Pi}{2}$ of its atomic rotation with ion state position, and have to maximum phase $3\frac{\Pi}{2}$ to 2Π rotation of multi body shadow phase rotation. It has to be discussing on these paper in gauge field oscillation of Rydberg atom and its Intanginal wave growth. Present discussion also belongs to bi-orthogonal sequence of oscillation into the Hilbert space and L^2 function.

KEYWORDS: Energy Fluctuation, Oscillation, Hilbert Space, Bi-Orthogonal Sequences

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