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RYDBERG ATOM TRANSITION WITH QUANTUM OPTIC IONS WITH AMPLITUDE MODULATION WITH RESPONSE OF PULSE WAVE

SUGATO GHOSH

Department of Physics, JLD College of Engineering & Management, Under Maulana Abul Kalam Azad University of Technology (Formally West Bengal University of Technology), West Bengal, India

ABSTRACT

I performed Rydberg atom transition with quantum optic ion with amplitude modulation. It has to be dipolar kitten of Rydberg atom with its dynamic oscillation into the frequency band of it optical transition state. The non degenerated Rydberg being coupled with l –low band ion optical transition with phase shift orbit oscillation into phase 0 to phase Π. The kernel function being annihilated with bandwidth elastic expansion of wave length of ½ spin ion optic resolution. It is also discuss quantum Sugato pulse into ½ spin quantum ion into the Rydberg atom of its transition field.

KEYWORD: 1/2 Spins, Dipolar State, Kernel Function

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