

High-Speed Generation of Entangled States for Two Three-Level Atoms

ZHENG Shi-Biao

Department of Electronic Science and Applied Physics, Fuzhou University, Fuzhou 350002, China
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Abstract: A scheme is presented for generating entangled states for two three-level atoms in a cavity. In the scheme two atoms simultaneously interact with a cavity mode with a small detuning. Thus, the operation time is very short, which is important in view of decoherence.

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Key words: entangled state, three-level atom, cavity

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