

Path Integral Formalism for Nondegenerate Parametric Amplifiers in Entangled State Representation

FAN Hong-Yi,^{1,2} LI Chao,³ LIU Qiu-Yu,⁴ and Alfred Wünsche⁵

¹ Department of Physics, Shanghai Jiao Tong University, Shanghai 200030, China

² Department of Material Science and Engineering, University of Science and Technology of China, Hefei 230026, China

³ Department of Special Class for Gifted Young, University of Science and Technology of China, Hefei 230026, China

⁴ Department of Modern Physics, University of Science and Technology of China, Hefei 230026, China

⁵ Institut für Physik, Humboldt-Universität Berlin, Invalidenstr. 110, 10115 Berlin, Germany
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Abstract: We establish the path integral formalism for nondegenerate parametric amplifiers in the entangled state representations. Its advantage in obtaining the energy level gap of this system is analyzed.

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Key words: path integral, entangled states, nondegenerate parametric amplifier

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