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Teleportation of an Arbitrary Two-Atom Entangled State via Thermal Cavity

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Abstract: We present an experimentally feasible scheme for teleportation of an arbitrary unknown two-atom entangled state by using two-atom Bell states in driven thermal cavities. In this scheme, the effects of thermal field and cavity decay can be all eliminated. Moreover, the present scheme is feasible according to current technologies.

PACS: 03.67.Mn Key words: teleportation, entangled state, thermal cavity

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