

## Probabilistic Teleportation of an Arbitrary n-Particle Entangled State

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Abstract: A scheme for teleporting an arbitrary n-particle entangled state via n pairs of non-maximally entangled states is proposed. The probability of successful teleportation is determined only by the smaller coefficients of the partially entangled pairs. The method is very easy to be realized.

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Key words: probabilistic teleportation, arbitrary n-particle state, unitary reduction

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