

Separability of Pure and Mixed States of the Quantum Network of Four Nodes

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(Received: 2003-2-19; Revised:)

Abstract: This article discusses the separability of the pure and mixed states of the quantum network of four nodes by means of the criterion of entanglement in terms of the covariance correlation tensor in quantum network theory.

PACS: 03.65.Bz, 02.40.+m, 03.67.-a

Key words: covariance correlation tensor in quantum network theory, criterion of entanglement, pure state, mixed state

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