

## Separability of Mixed States of the Quantum Network of Three Nodes

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(Received: 2003-1-2; Revised: )

**Abstract:** This article discusses the complete separability and partial separability of the mixed states of quantum network of three 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, mixed state

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