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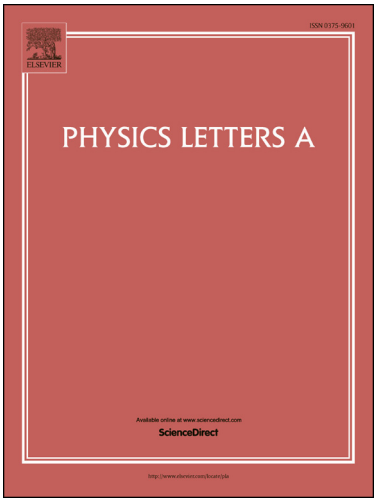

Joint remote state preparation (JRSP) of two-qubit equatorial state in quantum noisy channels

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Highlights

- We present a scheme for joint remote state preparation of equatorial state.
- We investigate the effects of noisy channels on this communication protocol.
- We find that amplitude damping channel is the most decoherence for some range of λ.
- We find that the information transmitted through depolarizing channel has the least chance of success.