

Abstract Submitted
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Towards Feedback Control of Entanglement JIN WANG, University of Tennessee at Chattanooga, STEFANO MANCINI, University of Camerino — A model to investigate feedback control of entanglement is provided. It consists of two two-level atoms placed in two distant cavities interacting through a radiation field in a dispersive way. The spin-spin interaction of these two atoms can be described by an Ising model. The steady-state entanglement is improved in the two atom system by using feedback.

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