

Abstract Submitted
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Rapid Purification protocols for Optical Homodyning ARAVIND
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Jacobs (PRA 67 030301 (2003)) and Wiseman and Ralph (New J. Phys 8, 90(2006))
have discovered rapid purification protocols for a qubit using quantum feedback.
We present these protocols in optical setting. These could also be very useful in
quantum state preparation for various uses in metrology and control.

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