

**Publisher's Note: Entanglement is Not Necessary for Perfect Discrimination  
between Unitary Operations  
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This Letter was published online on 9 March 2007 with a typographical error in the equation of Theorem 2 in the right-hand column of page 3. The equation should read as “ $UX_{k-1} \cdots X_1 U |\psi\rangle \not\perp VX_{k-1} \cdots X_1 V |\psi\rangle$ ”. The equation has been corrected as of 12 March 2007. The equation is correct in the printed version of the journal.