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	Abstract	Making use of the Quantu 82 (2010) 062 305, we pre- with finite outcomes, mo- distinguish only between basis for operators. Desp network derived from the (2010) 062 305 and show tradeoff in distinguishing qubits, selected from mu- the case of estimating an set of SU(2) based on the strategies in distinguishing operators is not any easier	um Network formalism of Phys. Rev. A, esent the case for quantum networks re specifically one which could a specific unitary operators in a given ite its simplicity, we proceed to build a e optimal strategy in Phys. Rev. A, 82 that the information-disturbance g between two operators acting on tually unbiased unitary bases is equal to operator selected randomly from the Haar measure. This suggests that such ng between mutually unbiased er than estimating an operator derived	

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	from an infinite set. We then show how this network can be used as a natural attack strategy against a bidirectional quantum cryptographic protocol.			
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