ANDREW NEMEC, University of Texas at Dallas

Entanglement-Assisted Subspace Codes

We show how entanglement-assisted codes can be constructed from arbitrary quantum codes by sending correctable subsets to the receiver ahead of time. In the case of degenerate codes, we show that the shared entanglement can be reduced. We also give examples of permutation-invariant EA codes, the first EA codes outside of the codeword-stabilized framework.