

Alice

⁽⁴⁾Alice \mathbf{y}_A

⁽⁹⁾NR LDPC BP
decoder

Alice $\hat{\mathbf{y}}_B^{(10)}$

⁽⁸⁾ LDPC
decoder

⁽⁷⁾ Classical
channel

⁽³⁾Equivalent
channel

Bob

⁽¹⁾QRNG

⁽⁶⁾ LDPC
encoder

⁽⁵⁾Syndrome side
information \mathbf{s}_B

⁽²⁾Bob \mathbf{y}_B

