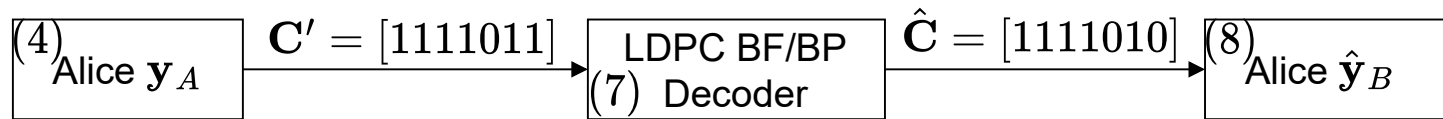


Alice



$$\mathbf{y}_A = [1111011]$$

$$\mathbf{s}'_B = [100]$$

(3) Equivalent channel

(6) Classical channel

Bob

$$\mathbf{C} = [1111010]$$

(1) QRNG

$$\mathbf{y}_B = [1111010]$$

(2) Bob \mathbf{y}_B

$$\mathbf{s}_B = [100]$$

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