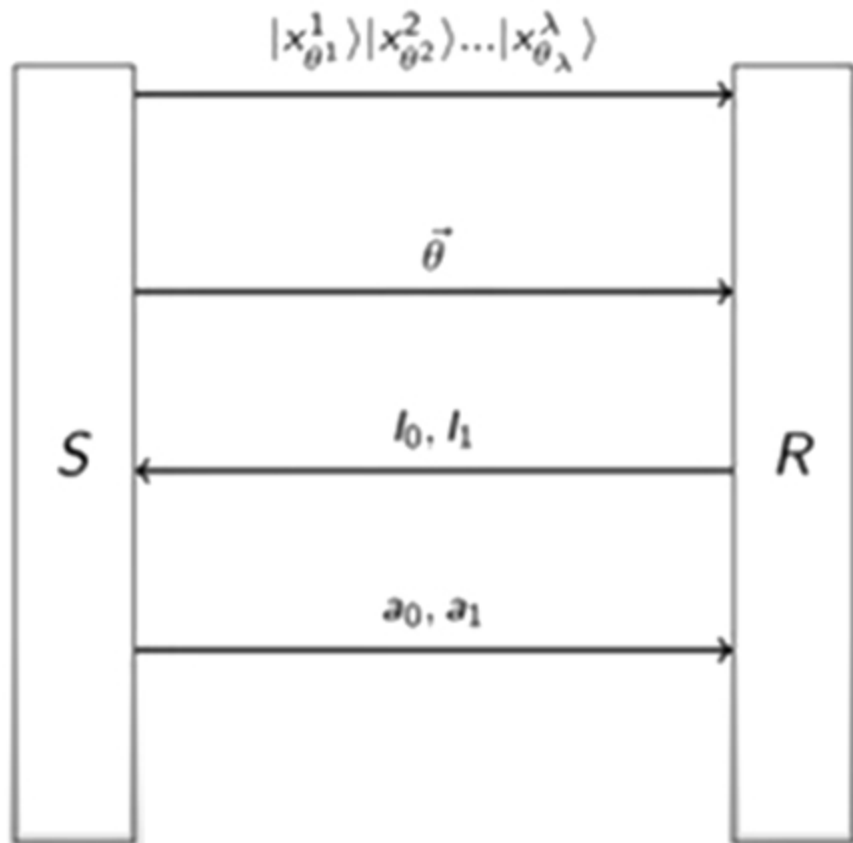


$$\vec{x} \in \{0, 1\}^\lambda$$

$$\vec{\theta} \in \{+, \times\}^\lambda$$

$$a_0 = \text{Enc}_{\vec{x}_{l_0}}(m_0)$$

$$a_1 = \text{Enc}_{\vec{x}_{l_1}}(m_0)$$



$$\hat{\vec{\theta}} \in \{+, \times\}^\lambda$$

↓ Measurement

$$\vec{\hat{x}} \in \{0, 1\}^\lambda$$

$$l_b = \{i : \theta_i = \hat{\theta}_i\}$$

$$l_{\bar{b}} = \{i : \theta_i \neq \hat{\theta}_i\}$$

$$m_b = \text{Dec}_{\vec{x}_{l_b}}(a_b)$$