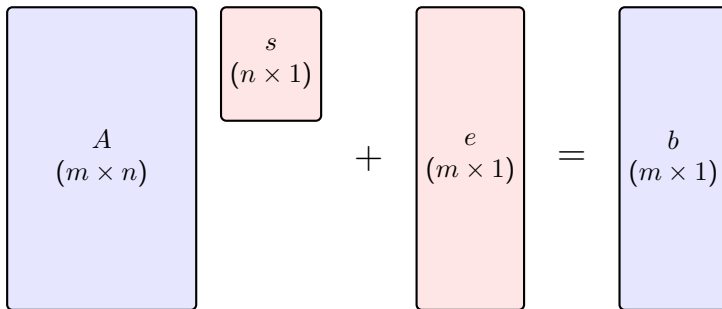


$$\text{LWE Relation: } b = As + e \pmod{q}$$

Public Matrix Secret Vector Error Vector Public Output

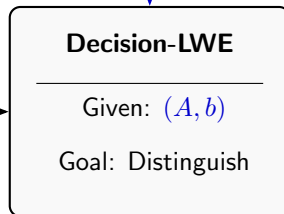


Output: s

$$\mathcal{D}_0$$

$$b = As + e$$

\dashrightarrow



Output: $\{0, 1\}$

$$\mathcal{D}_1$$

$$b \leftarrow \mathcal{U}(\mathbb{Z}_q^m)$$

\dashleftarrow