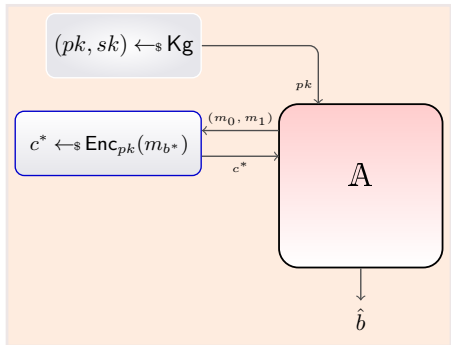


$$\text{Exp}_{\text{PKE}}^{\text{ind-cpa-}b^*}(\mathbb{A})$$



$$\text{Adv}_{\text{PKE}}^{\text{ind-cpa}}(\mathbb{A}) = \Pr[\hat{b} = 1 \mid b^* = 0] - \Pr[\hat{b} = 1 \mid b^* = 1]$$