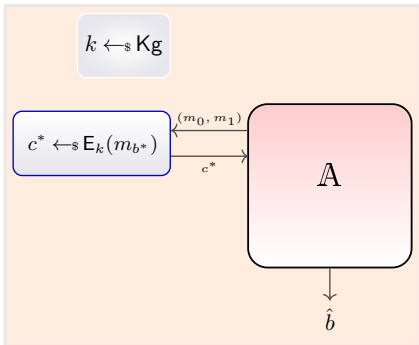


$$\text{Exp}_E^{\text{lor-1cpa-}b^*}(\mathbb{A})$$



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