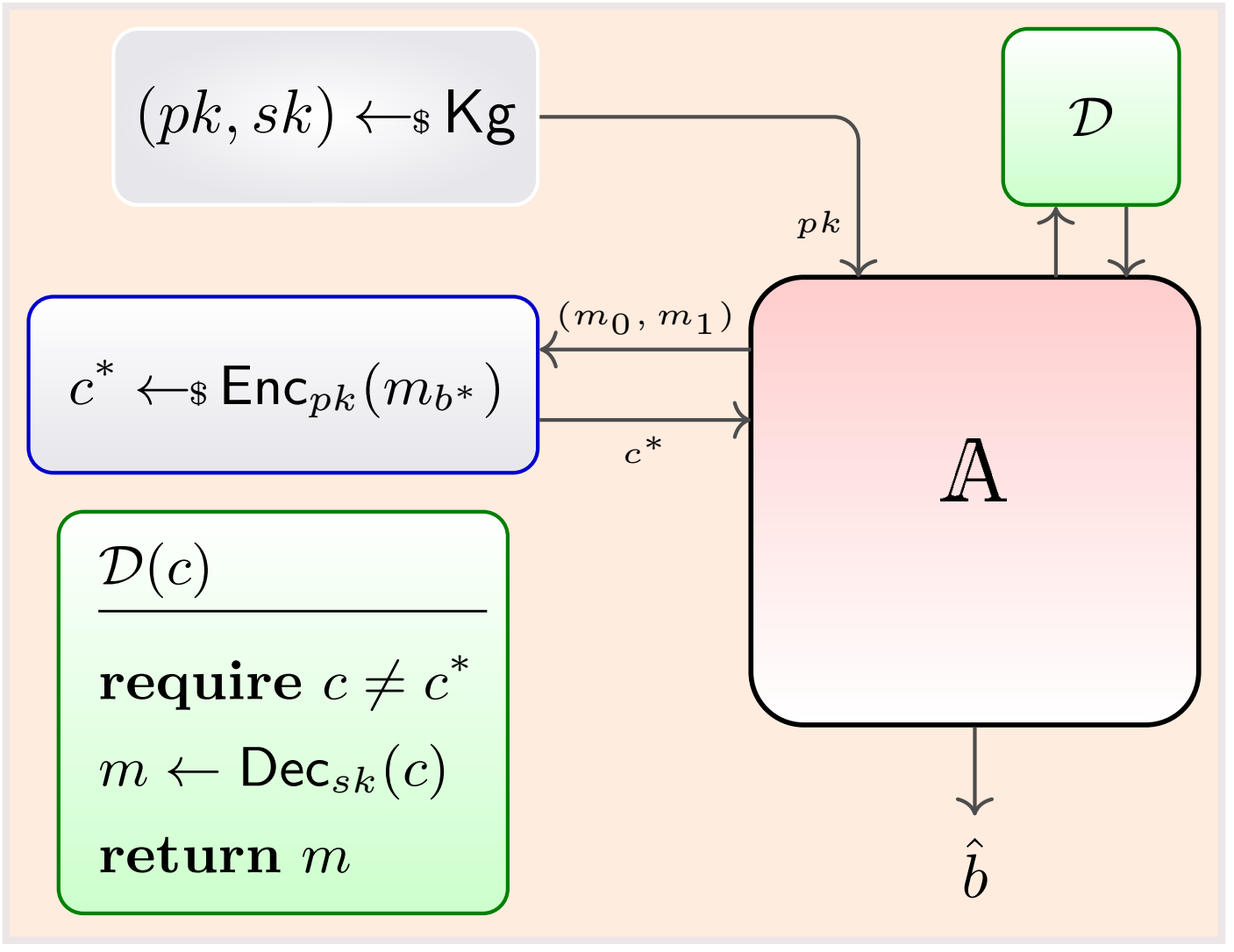
$$\mathsf{Exp}^{\text{ind-cca-}b^*}_{\text{PKE}}(\mathbb{A})$$



$$\mathsf{Adv}^{\text{ind-cca}}_{\text{PKE}}(\mathbb{A}) = \Pr\left[\hat{b} = 1 \,\middle|\, b^* = 0\right] - \Pr\left[\hat{b} = 1 \,\middle|\, b^* = 1\right]$$