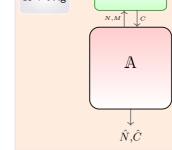
$\mathsf{Exp}^{\mathrm{euf\text{-}cma}}_{\mathrm{ENC}}(\mathbf{A})$ $K \leftarrow_{\mathtt{S}} \mathsf{Kg}$ $C \leftarrow \mathsf{Enc}^{N}_{K}(M)$ $N,M \downarrow C$



$$\frac{N,C}{\mathsf{Adv}^{\mathrm{euf\text{-}cma}}_{\mathrm{ENC}}(\mathbb{A}) = \Pr \Big[\mathsf{Dec}_K^{\hat{N}}(\hat{C}) \neq \perp, (\hat{N}, \hat{C}) \text{ fresh} \Big]}$$