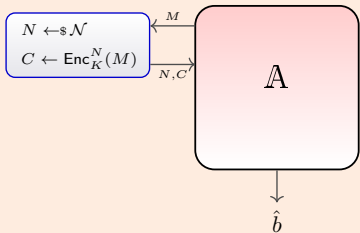


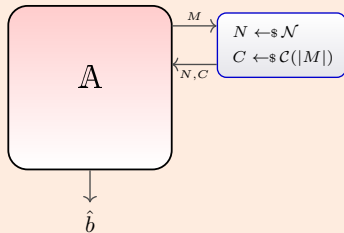
$$\text{Exp}_E^{(\text{iv})\text{ind-real}}(\mathbb{A})$$

$$K \leftarrow_s \text{Kg}$$



Real "true enciphering" world

$$\text{Exp}_E^{(\text{iv})\text{ind-ideal}}(\mathbb{A})$$



Ideal "random ciphertext" world