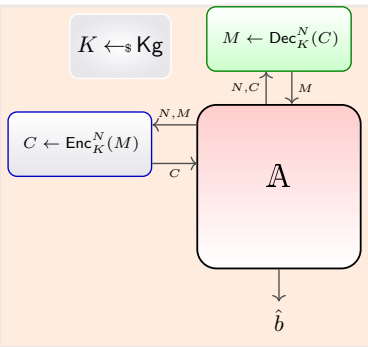
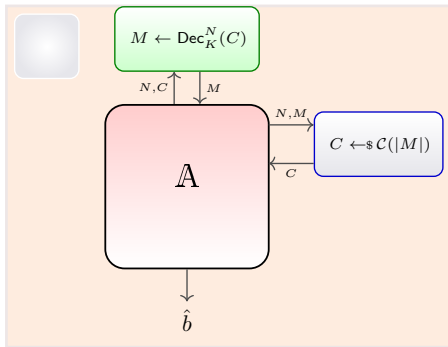


$$\text{Exp}_{\text{ENC}}^{(n)\text{ind-cca-real}}(\mathbb{A})$$


Real "true encryption" world

$$\text{Exp}_{\text{ENC}}^{(n)\text{ind-cca-ideal}}(\mathbb{A})$$


Ideal "random ciphertext" world