



RSA:  $N, e$   $\longrightarrow$

random  $x_0, x_1$   $\longrightarrow$

random  $b, k$

$\longleftarrow v = x_b + k^e$

$k_0 = (v - x_0)^d, k_1 = (v - x_1)^d$

$m'_0 = m_0 + k_0, m'_1 = m_1 + k_1$   $\longrightarrow$

$m_b = m'_b - k$