

*adversary*

$M$

ATTACK( $M$ ):

*// adversary chooses  $M$*

$K \leftarrow \{\textcolor{red}{0}, \textcolor{red}{1}\}^n$

*// victim samples  $K$*

$C := \text{Enc}(K, M)$

*// victim encrypts*

return  $C$

*// adversary sees  $C$*

$C$