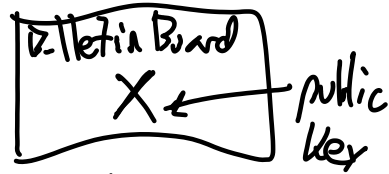
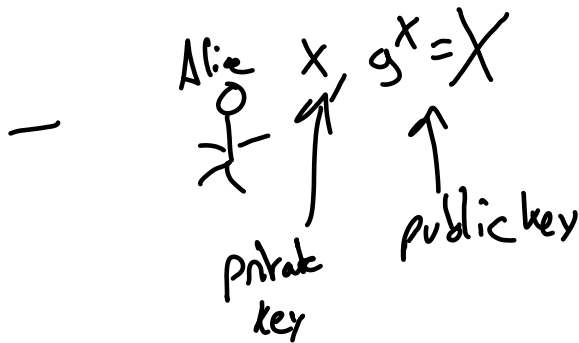


Zero Knowledge Proofs notation



"No one can compute x from X by DLOG "

ZKP is

Alice can say: "I know my secret key x s.t. $X = g^x$ "

w/o revealing x

ZKP $\{ (x) : X = g^x \}$

- witness
- statement
- relation/predicate

$X = g^x$

Alice sends $y = F_k(l)$

Can Bob check y is actual $F_k(l)$ w/o knowing k ?

Where's Waldo ZKP.