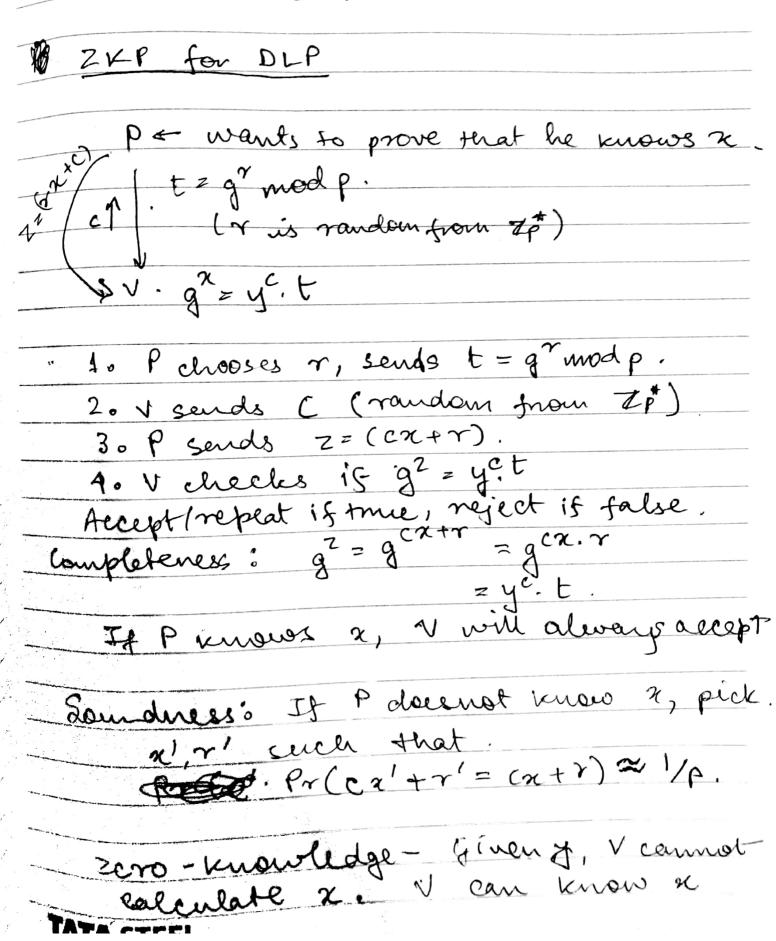
Evaluation I



of the can guess or and then

X z (Z-v)/c. Fo quess or

t z g mod p but since DLP is

hard to solve, getting or from Signature Scheme based on ZKP chooses re Zp from random and sends t z g mod p. I sends a challenge c = 7p Ш Signature Scheme based on ZKP The users choose a Private key: $x \in \mathbb{Z}_p^*$.

public key: $y = g^x \mod p$.

Sign: $x \in \mathbb{Z}p^{*}$ $t = g^{*} \mod p$ C = H(t || M), M is the message Send M, Z and t C = H(t 11M), M is the message check if yct = gZ. Hash Functions using DLP. M: Zp x Zp -> Zp H(21,22) = gh, hrz mod p where. h & Zp To extend this hash function to any given n bit string, we can use pierkle - Dangard Transform which has been promed to be collision resistant