ECE 471/571 Hash Applications (could) dictionery attack y = H(psnd) H(prod2 salt2) salt increases attacker's effort to break all pswds

One-way hash chain (one-time password) O. pick random To . hash H(.) Q- r: = H(ri) rn Ermin re Hr E Vo 3 Secret value public value User Colient H

Commitment

A X B

1/10.

MXisoda pick Yis odd. Wins X+Y is even XtY isodd H(Y)