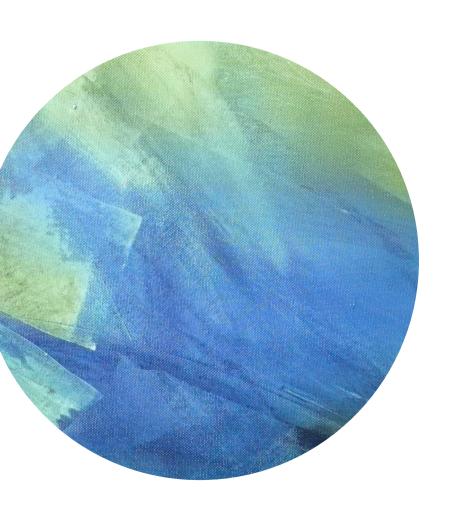


Lecture 28



Scribe: Fangqi

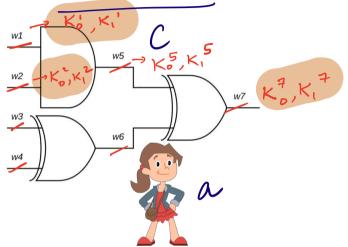
Outline

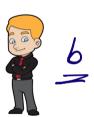


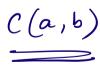
Garbled Circuits



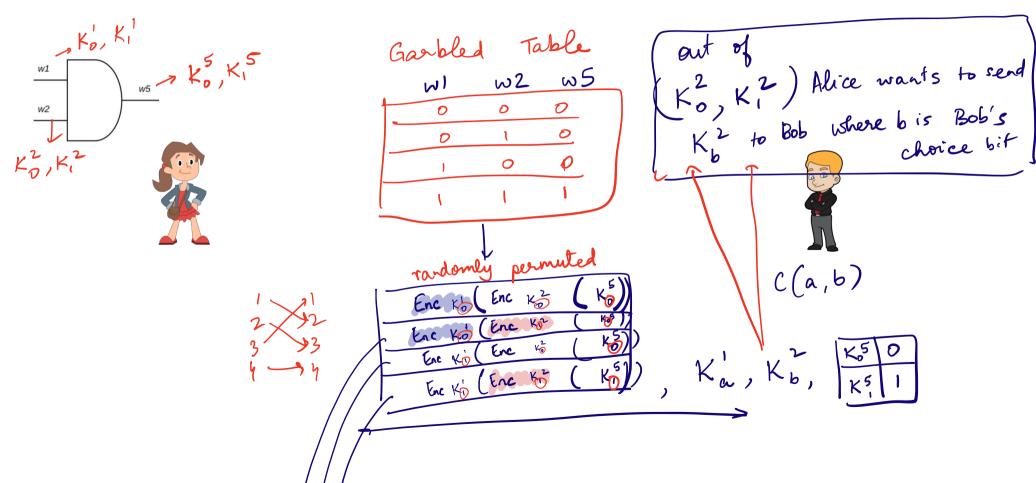
Garbled Circuits

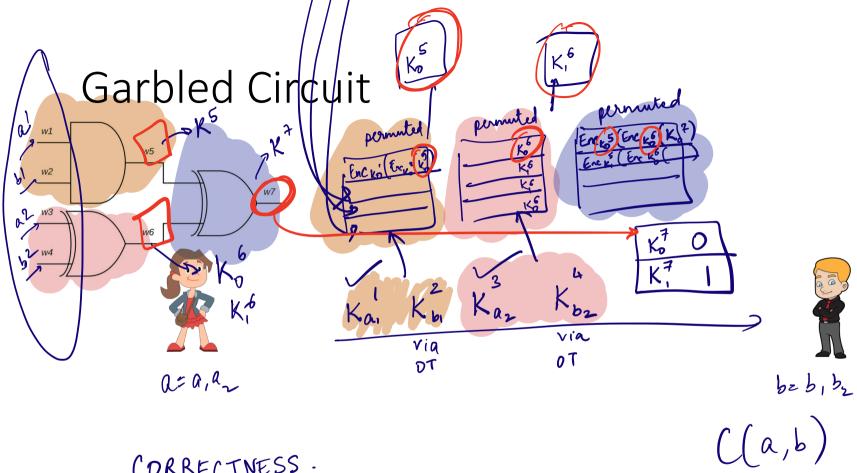




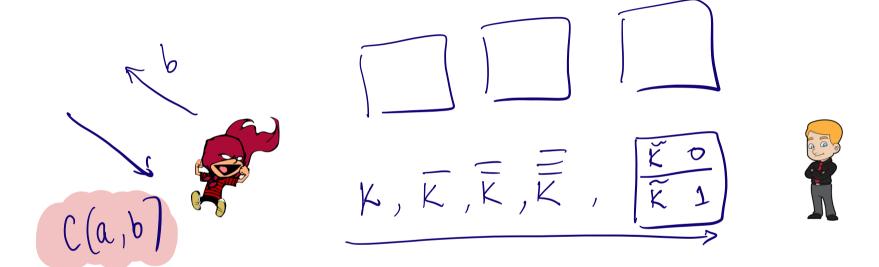


Garbled Gate

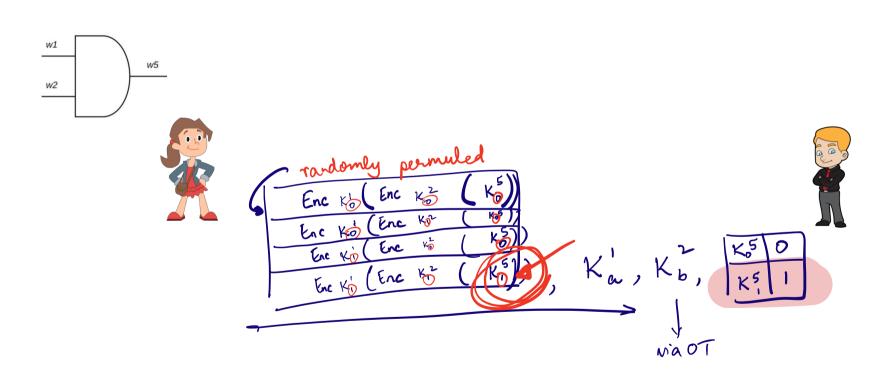




CORRECTNESS.



Garbled Gate: Security



Garbled Gate: Security

H.W. : reduce to CPA security

Sample Ks, Ks at random



Simulate

Garbled Table

C(a,b) = 1

these

Enck (Enc = (Ks))

Encir (Encir (O)X

Encil (Encil (0))

ofp map



 $, K, \overline{K}$

Garbled Gate: Security





