Digital Signatures:	m ¹ . c = 2
700000	mm', o') mm' -m''
First zero knowledge proof:	m, 5
I know the secret key, but wint reveal	$m'', \sigma'' = ?$ $m'', \sigma'' = \frac{\sigma'}{\sigma}$ $m''', \sigma''' = \frac{\sigma'}{\sigma}$
RSA Signature:	
Gen (1"): same as PKC	Hash & Sign Paradigm:
signs (m)= 5	RSA Stratures
Valger (m.o) = Yes /No	RSA Signatures Sign: $\sigma = (u(n))^d \mod N$ VAy: m. of Check: $u(m) \stackrel{?}{=} \sigma^e \mod N$
	Voly: m. o Check: H(m) = o modifi
Signing: 5 = nd mod N	
Vofy : < m, 0 >	
You of m = o mod N	
where px = <n,e> N=pq (e,\$(N))=1,</n,e>	Digital Certificates:
Sx = <p, d="" q,=""> ed = 1 (mod \$(N))</p,>	PK:
Incomity of tentloods RSA signatures	5: 7"()
	By certification authority (ca) whose
Forging RSA signatures:	
Choose mersoage as : Usose random of	Perfect Secrecy
m = o mod N	
< m, 5 >	Symon Key Public Key Fe
Create signature then get corresponding	Symm. Key Public Key Secret Fe
mers age. Verification will pars even though	Enc MAC Mashing PKC Digital Sign
the menage was never sent, but	
adversary does not have control over	a) Oblivious I & another
the musage.	1) Master Theorem (private protocol for any took)
RSA, i'm El Ganal a multiplicatively	9 Zemo Knowledge Proof
homomozphic	d) Bit Commitment e) Secret Sharing. f) Quardum Cryptio g) Noisy Channels
·	1) County Grandy of Noisy Chancels
	W Impossibility interference