

 $\{(g , g^{\alpha})_{> \alpha}\}$, g is generator is g (同樣意義 α P ,不同表示方派)

(H(m) + QL) P= H(m) P + U(xP) 6 H (J, Vk, M) 司代表所私都可欠較證

if oz. on == Ham) Pf u(ap): return True

else: return False

(12 = 1 (Ham) + α·u) → 以相同的机手但,所以数率只有自己做得出来

如果雨筆交易剛好 片用了月-個、那度求可以得知該人们以,導致懷號微盜

所以 现在作用 执宪 鋑巴 , 多個錢包,用了就是,就不用到同個以

When r 用到相间, Ji 就着相同

→□ / □ → □ → □ → □ → □ → □

短鏈:自被無視,上面的 多易宿丘鏈上

正常未読, 大家都 跟者最低 的鏈 做题目

Byzantin Genevals Publem (1982 Lamport et al.) ① 假設 人個簡本 ,有一個發指多的問華,

② 向此時他要發 (0 0 1) 的指氨络所有增量

1. 所有 即好人都看往相同的方向

Q. 如果 發指衫指氧是好人,所有好人都會聽,他的 ((6)

Example. We can know CG is 100% loyal, Byzanline Broadcast become thivial

Example We can know CG is 100% traisor

it retreat it a]

BB Problem Pesinition
- Entities: nodes, sender (node 1 is the sender)

- [n]: {1, ..., n} denotes the set of all nodes

- Honest modes Controlled by an adversary

- Corrupted modes (a subsect of modes)

O send/transmit arbitrary messages

D share into or wordinated attack 1 Stop

@ incorrect Step

Static Corruption model

Adversary decides corrupted nodes at beginning

Synchronous hetwork

If an honest hode send a mag

in hound r to an honest recipient

the recipient gets it at the begining of r+1

Def of BB

Conserve of the honest hode postents he has then by = be

Consistency: If two house mode output bl. b2, then b1=b2

Validary: If S is honest with input b

then all honest ones output b'

s.t. b'=b