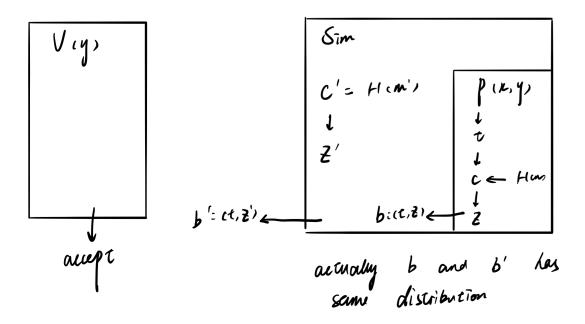
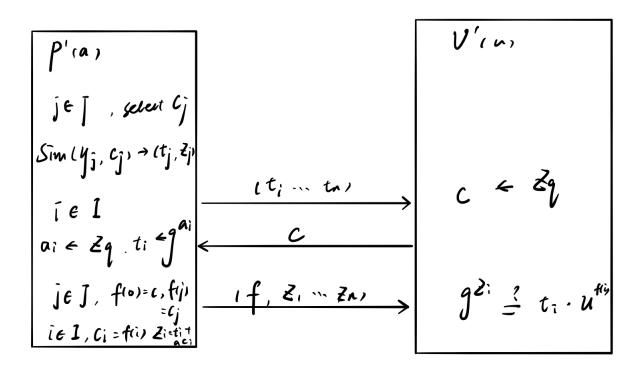
1: The First Problem



2: The Second Problem



3: The Third Problem

GQ is more efficient than RSA-FDH because it can reduce interaction rounds and credential holder cost.

Key Gen ():
$$x \in \mathbb{Z}^*$$
, $X \in \mathbb{Z}^e$

Sign:

Sk = x

 $Kc \in \mathbb{Z}^*$, $y_t \in \mathbb{R}^i$
 $C \in H(m, y_t)$
 $E \in \mathbb{R}^e$
 $E \in \mathbb{R}^$