Howard so so a febrit o original pe blown of the son sonactor (A-Z) si co un conactor (A-Z) si co un conactor (A-Z) si co E T sunt original respectivo on Y, T, sersificate The QV

## Randorall

$$t \to t \mid \Rightarrow \begin{cases} t - a! + b! = T \\ t \to t \mid \Rightarrow \end{cases} \begin{cases} 19a! + b! = 19 \\ 24a! + b! = 4 \end{cases}$$
 mod 26  
 $-5a! = 15$   
 $21a! = 15 \mid -21 = 5$ 

Verificam (21, 26)=1 
$$\Rightarrow$$
  $\exists 2^{-1} \text{ in } \mathbb{Z}_{26}$   
 $(2^{1}, 2^{6}) = d$   
 $d = 26^{1} + 2^{1} \text{ in } 3^{-1} \text{ in } \mathbb{Z}_{26}$   
 $X_{26} = (1^{10})$   
 $X_{21} = (0^{1})$ 

$$26 = 21.45$$
  
 $x_{26} = x_{21}'1 + x_{5}$   
 $x_{5} = x_{21} - x_{21} = (10) - (01) = (1.1)$ 

$$1 = 26.(-41 + 21.5)$$
 (mad 26)  
 $1 = 21.5$  (mad 26) =  $21^{-1} = 5$ 

A' = 15.5  $A' = 75 \mod 26$   $A' = 23 \implies a' = -3 \mod 76$  24.23 + 6! = 4 4' = 4 - 552  $6! = -548 \pmod {26}$   $6! = -2 \mod 26$ 

Q	A	0	0	1	Q	Q	E	V	H	E	B	V
C	Y	i	i	E	c	C	M	N	D	M	c	N

 $A \cdot (-3) + (-2) = -18 - 2 = -150 \mod 26 = -24 \mod 26 = 2 = \boxed{1}$   $A \cdot (-3) + (-2) = -12 - 2 = -14 \pmod {26} = -18 = 8 \mod 26 = \boxed{1}$   $A \cdot (-3) + (-2) = -12 - 2 = -14 = 12 = \boxed{1}$   $A \cdot (-3) + (-2) = -12 - 2 = -14 = 12 = \boxed{1}$   $A \cdot (-3) + (-2) = -12 - 2 = -14 = 12 = \boxed{1}$   $A \cdot (-3) + (-2) = -12 - 2 = -14 = 12 = \boxed{1}$   $A \cdot (-3) + (-3) = -13 = \boxed{1}$