Mupp Ins-Jamana

· DAS boex busupactos Sonomos upoetos nucho P u rucho g tame, no pagnismos crenem g ecro pagnismos rucha no mos P

· Kaneguir abouent reginne busques cemperuse rucho C; € (1, P-1) a burnerset di = gci mod P Coodyene - rueno m < P

Address ceopies orepies 1. Алиса слугатия выбирает Anuca CA
Do5 CB Tueno re o de

2. Burneaget $k = g^2 \mod P$ $x = m d_B^2 \mod P$ Doc Bo: y = x. E-CB+(P-1) =

3. Bucunaer < k,x>

 $= m d B (g^2)^{(P-1)-C_B}$ (3)

1. Dos burucaset

(a) $m' = X k C_B + (P-1) \mod P = m$ = $m \cdot g^{C_{S}T} g^{-C_{S}T} (g^{(p-1)})^{k} = m$ (1) no Teopeuse Pepusa

P=19 g=2 m=3Trump CA = 4 d=16

CB = 5 dB = 13

7 = 6 $x = 3.13^6 \mod 19 = 4$ 505 burniers $m' = x e^{-C_{15} + (p-1)} = 14.7^{-5+18} = 3$