TEMA 8

El Garral. Ama cheia ptiv. Kd-(p=71, g=33, a=34)

a) cheia publica =?

b) K=3 m=A21

Det msj. ouptat

a) p=71, g=33, a=34 $g^{a} (mod p) = 33^{34} (mod 71)$

ga (mod p)= (332) 17 (mod 71) = 1089 (7 (mod 71) = 24 kmodo)

= 24. (242)8 (mod 71) = 24.88 (mod p)=24(84)2 =

=24.492 (mod 71) = 24.58 (mod 71) = 43

cheia publica: (71,33,43)

b) lungimes son clar 1. cele chipitate=2 $u = g \times (mod p) = 24.33 \times (mod 71)$ $u = g \times (mod p) = 24.33 \times (mod 71)$ m= AZi

0 = m. x (mod p)

 $A = (0) = 36^{\circ} 0.30^{\circ} = 0$

Z = (25) = 25. - = = 25

i = (8) = 8. · · · = 8