Dava prim, etnori p ((p-1)/1)

p=7
6/1=420+1=421 = 721 = 7/421

p=23 =23
221.=(2.12)-(3.8).(5.14) (7.10).(9.18)

# (15.20) (16.13).(21.11)) (17/0)(1.1)

22.22=1

De montralie (6,°) grup constatts funit

31.22...9 = de a, a2...aj =

Paca 9 + 9 difficile => unde ai = p

3 = 2 = e

3 = 8

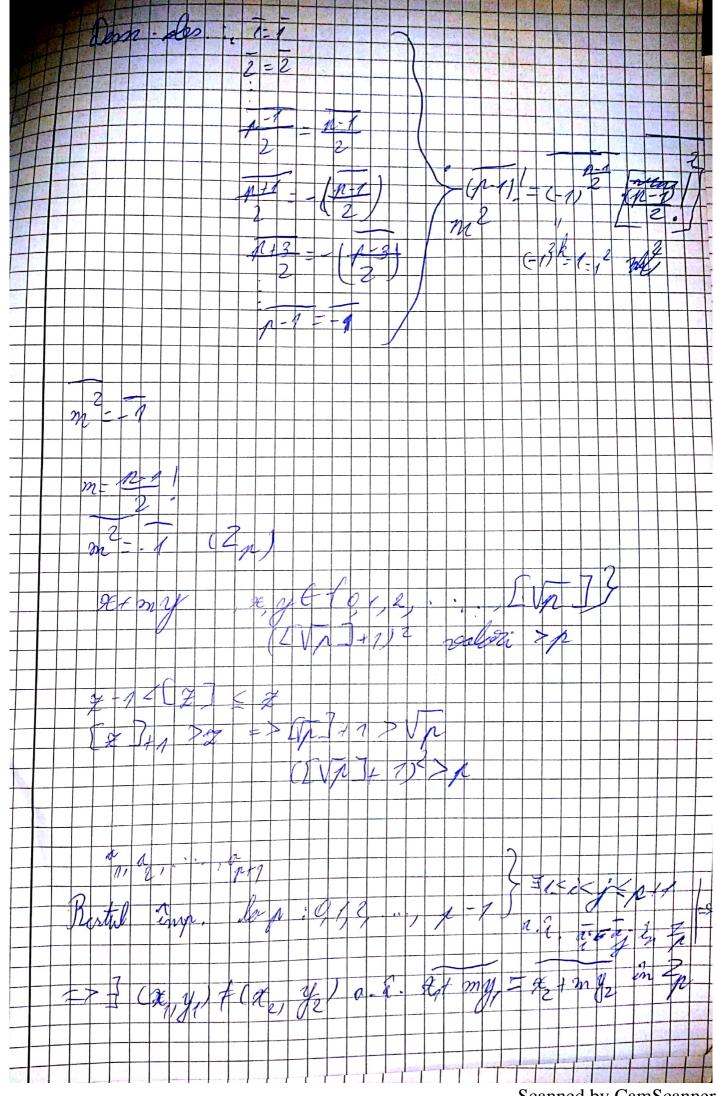
3 = 8

6= U(Zp) grupar (p) =p-1 Carte elemente din 6, g=1?  $p(X^2-1) \approx p(X+1)(X-1),$  $\Rightarrow$  p | (x+1) san p | (x-1) (=) X=p-1 x =1,p-1  $11 \quad g = (p-1) \cdot 1 = p-1$ 20142992+32 2014/9 16 914 815,1 p prim, p=9kfl => p= a2+b2 Misi exiptearà numerale 1. retulin postinde ABCDEP Larol X = produit lituralor 3, XRall Willer Food

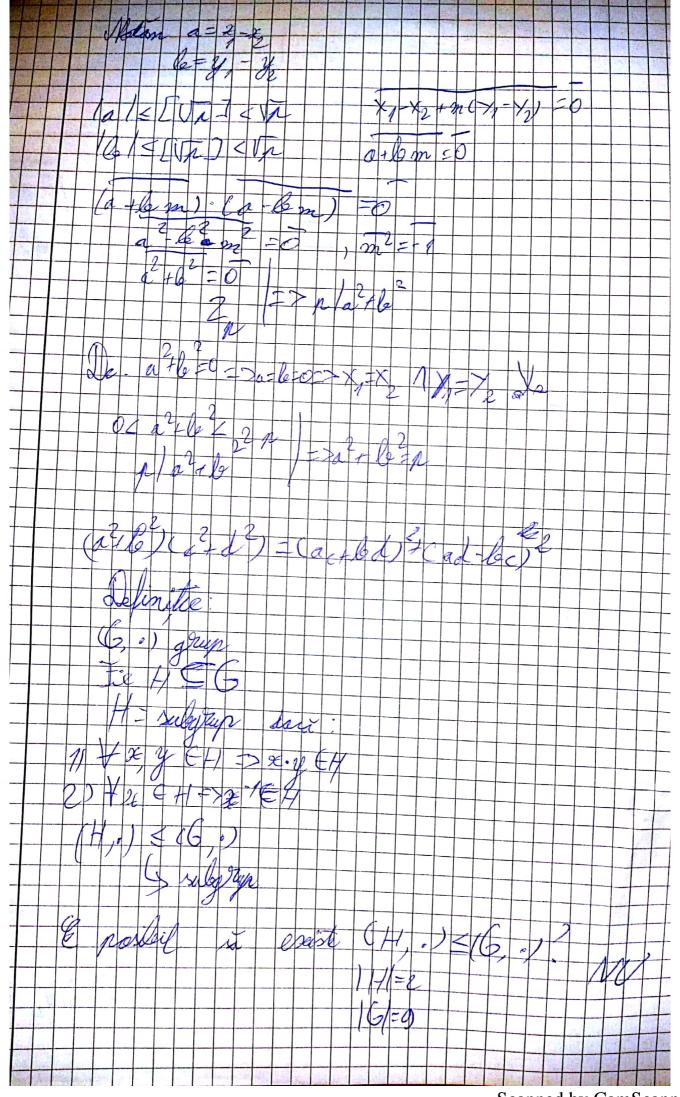
$$p=4k+1$$
,  $m=\left(\frac{p-1}{2}\right)$   $m=+1$ 

$$(p-1)! = (-1)! = (-1)!$$

p=9Rel, KEN, m= (P-1) Atunci m==1 în 22 p Demountab 2 ([X] 524) TP CALTER STOPHION VPW Mezch celputin pt1 m Try y ear an a celosi sust - principiul autro STOP Fie grup (G, ), H = 6 (H, o) mbopup - porte stabilà -t, xet, atmy x et The lui Lagrange piaral general



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