SEMINARI_ 133

Controllare dona grupous (G,0) *(T,D).

PeJ=G×T defrum operation

(a,x) D (b,B) = (aob, xB)

Avatato cà (J,D) e grup.

Avatato cà (J,D) e grup.

Pre d = (a,x), B = (L,B), C=(R,y) & J.

Attimui

(AOB) DC = (aob, xBB) DC = (aob)oc, (xBB) = (1)

A O (B DC) = A D (box, Bby) = (ao(boe), xb(Bby)) = (3)

Dar, eun e of & sout anciature, (1) = (2),

Notion ce e e.u. al lui G, respector en E e.u. al lui [. Notion]=(e, e).

The It = (a,x) E F.

AU) = (a00, XDE) = (a1X) = A.

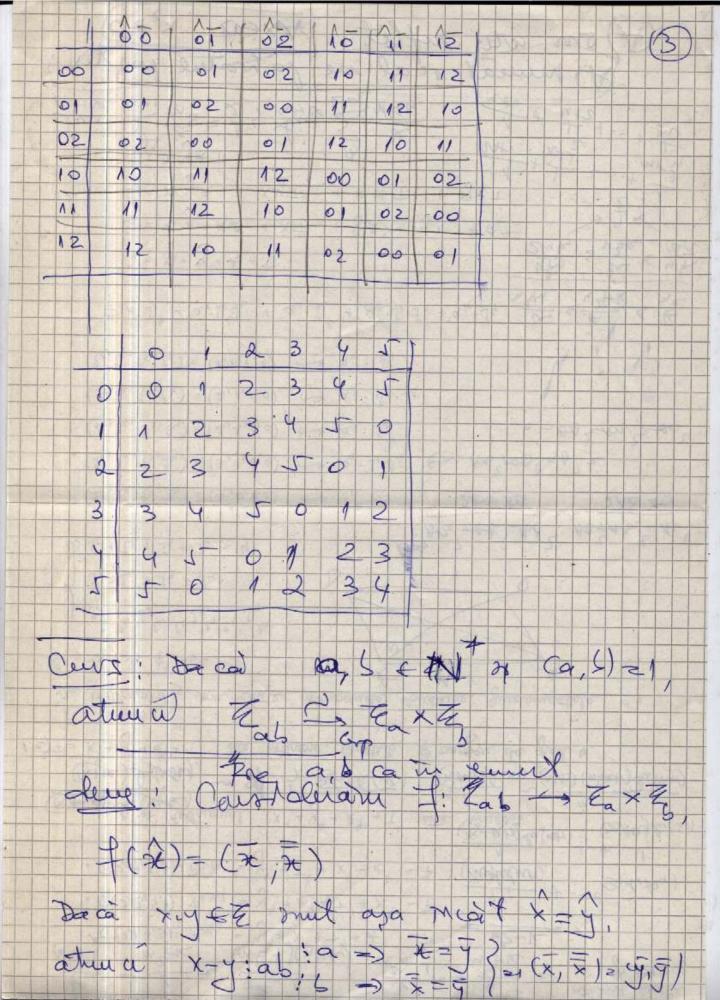
D A = (e0a, EDd) = (a, x) = M.

Ca urman, I e clement neutingt D,
den legea I admité e.n (EN)

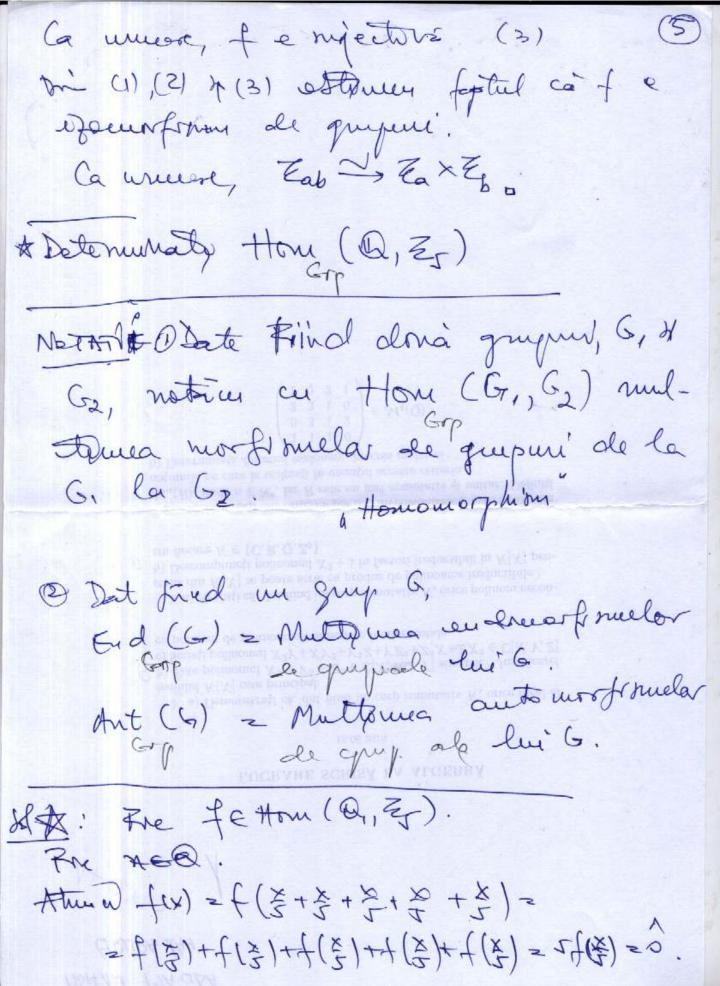
Fie A=(a,x) e J. Notine en a' muetral Colin G al) lui a, respectiv on 'x methal Colin Mal) lux

Note u A = (a', 'a). ATA= (aoa', xxx)= (e, E)=). AD N = (a'0a, KDX) = (e, 8) =). Ca mucre, I e metir cul lei H in regest cu to. Deci, et e minetitable in rapart en to cà trate releverentelle lei I mil munetifable Ju raport u a (TES). Don (LC), (A), (EN) & (TES) afferen fortul co (J, D) a gruy. (5,0) s.n. PRODUTEL DIRECT al grymiter (G,0) + (P,0) Bouuple: Considerson grupul (R° × Zy, x) (5,1) x (12,3)= (60,0) (下,豆) 木(圭,多) =(葉,刀) $(3,\widehat{3}) = (\frac{1}{3},\widehat{1})$ e stray 2 (1,0) Alcatuità tabla grupului ExXZ3.

REDUETT 144



Ca usuares of e orect definites Rue Xiye E 半(分分)= 年(和分)=(初了, 河)= = (>+ \frac{1}{2}, \sharp + \frac{1}{2}) = (\sharp - \hat{1}, \sharp + (\frac{1}{2}, \frac{1}{2}) \) Dowl, of e morfon de grupomi. (1) Fre fig + E as artfel ca f(2) = f(q). Atuna $(\bar{x}, \bar{x}) = (\bar{y}, \bar{y})$, de a) x = y (=) alx-y (ail)= 1 allx-y (blx-y) x zy. beal, fe mectiva (21 Ca armore, 'lim fl = | Eas) bor, ilufc EaxZ of over ab = 1 Zal = 1 mf | 5 | Zax Ej = al. Deci mus e de fait =1. In conclute Dir Muf CEaxEg => 1'inf = ExE



Receipion, jet of: Q -> Zr, gex) = 0

dacà x, year arcen

g(xty) = 0 = 0 + 0 = g(x) + gey), mean

dui getton (Q Zr)

Comment Ca urune, forso tx.60. Ca vruiare, Hom (Q, Ex-) = Egg, mustera de mand sus a Setemmato Hom (Q, E) bot! The fetton (Q, Z). Prempuner cà exista AGQ pt care fexte of notain d=f(x). 2 + (法+*)= +(法). (1) · Pt x >0 : プ(*)= f(2+美+···+煮)=f(2)+f(2)+···+f(2)= = xf(x), deu f(x) = f(x) = f(x) (2) · Pt XXO のっち(サーダ)った(ま)け(変)=

= f(x) - f(x) => f 22 (adica e por Paruane, deux ca fexico troca Raytul cà f: Q -> Z, fox) =0 morfon de juguer e medial The conclusion Hom (Q, E) = 303 (tolica hiQ-oz, how=0) 17.9) Demonstrate ch, day, Wed to each community A., man Maid at

THOSE DECIMENTS

Grope, 144

ARIT BUTTLE