	assembles	Jui 2 Be	Lry7'	
	K ones	sitatumas		
	11 0090			
	NU INTRA	IN EXAM	EN!	
		K	.Cx7	
statistestrie de imamab				
	tle Asbi si			
	me safar an	e panayun		
O(<u>∑</u>)=2	315-14	O(K[X])=	K1903	
	,			
		9 4.		
Sunction	modul	Junetia	grad	
1.1		<u> </u>		
	imorat	de		
	suparme	curest		
U(Z) = ₹	1,-14	O(K 5x3)	= K1203	
[x ₂ x	0 - EKTY	0+0=		
<u> </u>	3,3 € KLX	1 2 d ± 0 - 2		
	, (3!) CIR			
	., , , , , , , , , , , , , , , , , , ,	5 (
	2 3=c.8	TK		
Z	o and (K)	<deg(g)< th=""><th></th></deg(g)<>		
Testoma	: Fie a.	R. I 3 st	≠0. Fiturci	
	(3!) (5)	reZou		
		244.9		
		प्री> ज≥		
	(3	~ 10 ~ 124		
Dem:				
instix3				
trutiues	ia ;			
3				

=, 104-021 1201 < 1201 104-021 <1 C1- C2=0 => C1= C2 => T1 = T2 Divisionia R na Zi Z sou K[X] Def.: Fie a, 2 ER. Spunson ca al 2 (a 2) divide pe Re, De se divide cu a) daca (3) cer cu D= ca. 210 2 m € U(R)=1 m/a 1 intervaled $a = m m^{3} a$ $Q = Q \cdot 0$ Propostifie: Pentru a, 2, c E R (N) a12 (2) (D) C(Q) (2) a/a 3) all, les = sale (4) all zi la (=1 (3) acculp) cu Jr=no 115=": l= ua= all 12 = a=12 la "=>": Boca 0=0 rou 2=0=1 0=8=0 2-3-1

Brewning of the second second

statilistivile mi staisas o truck el ix e olel ix el lo = el el estales el estales el estales el estales el

(5) a 1 21, a 1 c = 2 a 1 x 2 t y c,

Def.: Fie a Se € R.

(1) Un Doment dER s.m. um D mai Marco commo Commac) De Sui a zi l daca

- · ala , alle
- · Daca d'ER, d'la zi d'D, stunci

- (2) Mr. Demont me Ch S.m. wm Co mai in Co (2) munico I disco : asab L ist s
 - · alm, 2/m
 - · Daca rm ER, alm', selm', stunci
- - Tie d, m, ER a.s. (a)+(h)=(d)

 Tie d, m, ER a.s. (a)+(h)=(d)

 Tii (a) D(h)=(m).

 [debi sira siraeseb Ethire m, b]

 The sirae siraeseb Ethire m, b]

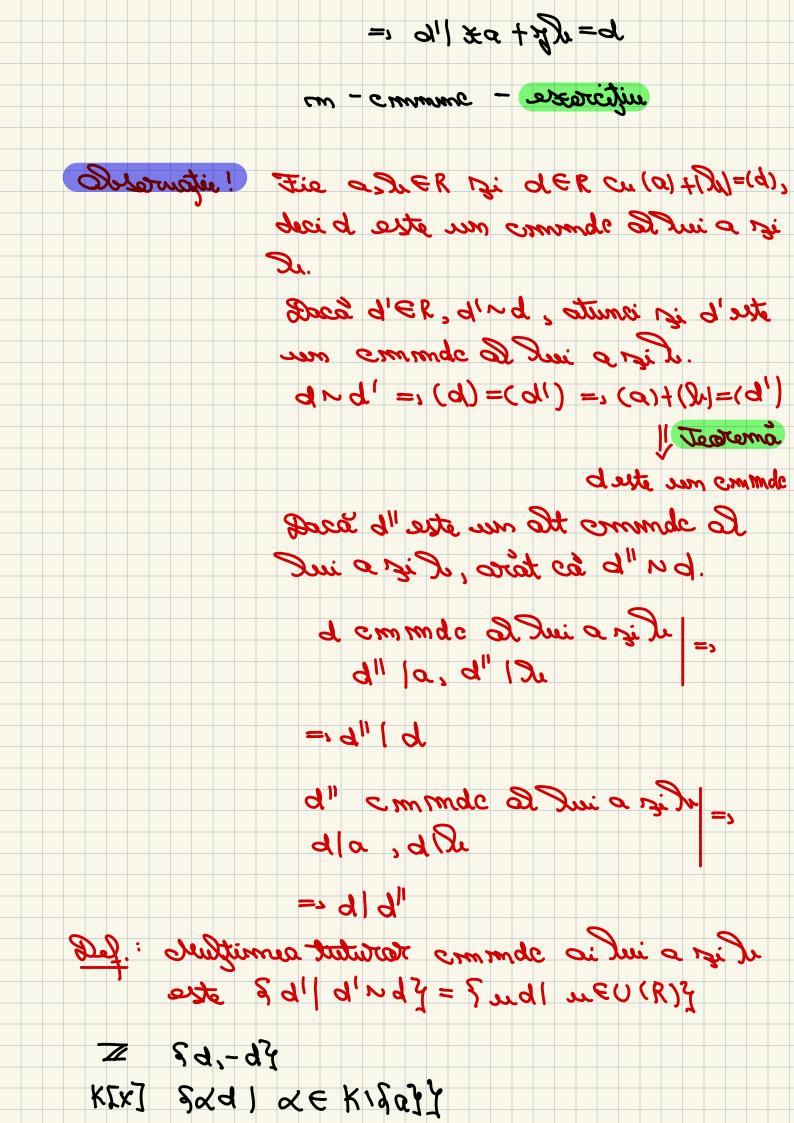
 The sirae siraeseb Ethire m, b]

le showers mer steep ismetste ner steems steir e iell , if e iell le sommons

Bom: (a)+(b)=(d)=(a) <(d) rsi (b) <(d)

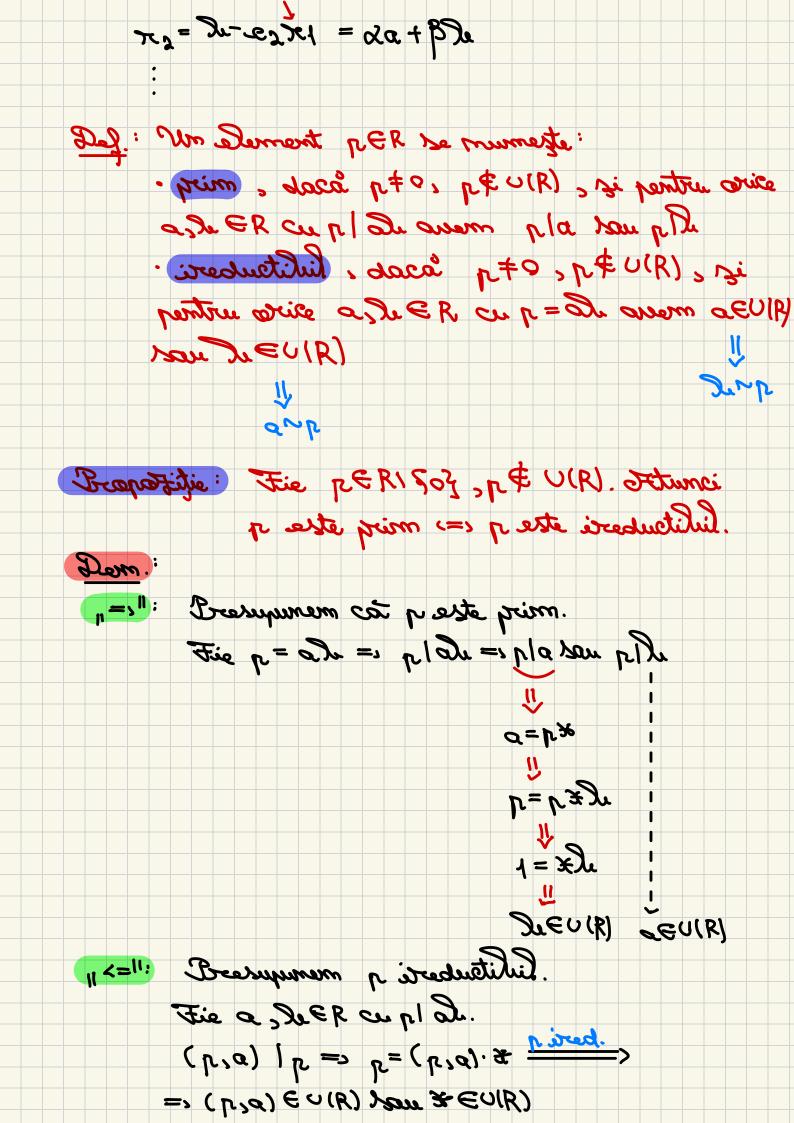
 $(=(d)+(D)=(D) \Rightarrow (d) \Rightarrow$

(a)=5xa|≠€R3 Boxa2 d'la rzi d' De =1



0 + Lip stas it is inthe shorter = (il, o) este · >0, pentra R=I · commic , partie R=K[X] Lema: Fie a, l, c, x ER cu a = c. l+x. (x, 2) = (2, x). (2) (a_1a_2) (a_2a_3) (a_3a_4) (a_3a_5) $(a_3a$ (stell)=(lep) == : bibus in Cunitivagore Fie a De ER1907. Doca Dela saturci le este , still sasal it s iselle shormes men · smpst a la le a= c, le + x1 (Stim cà · 2= 27 2008) 21 + 12 C 2 12 12 Dearie . (storp sam EXTEN == 12 2x alix tragma = 0 + 2x 2228. (Soca 23=0, ma apress)

Est alest trapma, 0 + Est asall. · Deca 5cm #0, simport 5c Ja 3cm 20-1= CW+1. 2CW+ 2CM+1 =0 (Doca som c 0= 1+ms asade) el estuberary asibe o trest ner menitéle ismette incheie) zi daca mus este primul rest 0, Migro int la somme me see not ismite. som me stre Estuberary nice Survers trest Pumitle ? [ul ist a wither ismetto mello + mx is menujures a : made ... Exe exe exe | Ill = 8 without. deg x3 ?... tooth stimifmi isassie startitam s'es es estatates De trest me vatrisse as atlesses. $=(m\pi, 1-m\pi)=...=(\pi, 1\pi)=(\pi\pi, 1\pi)=(\pi\pi,$ = (xm,xmt1) 21 = 0-61 Jr = 20+ 2 Jr



 $\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{$ miry samur : I Sulitantesia momissay: [XIX] sire ismutito. [XIX] nor I = A sit ismurant at R1507, at U(R), se sorie ca produs de Domonte ireductibile. Nai mult, a el sonas primes eta escirar el letro iraisaro in ralivativa a societura a in divisibilitate me $\alpha = n_1 \dots p_m = g_1 \dots g_m$ $p_i = g_i \dots g_m$ i(t) T = m 2.2. p: ~ 2 (E), m=n Dem.: ceristenta: a sirex et um eras a latite a la mujurer D I = 9. ty. minim lal ~ w a sh lette ne gelte amorast

fultoussei stee un s

121 21 2 m Prim	relgi pt. som i
1	Z= 11. *
Di 162 6 m = 31 (bix) 2 m	Zi= ni *
. boni et afetagi vib atletes?	≆ €0(β)
$10^{-1} = 10^{-1} = 10^{-1}$	N.
	4, 21
e y ste & ming sisco	au - B. Cu . TimEN
ن الله	
a Cultubera momisan esira	UC-7 -4 - 0 - 0
i wienesse manisag sirce.	werst one oct on t
Conseinté: R= Z vice	06 12011-17 P
150 tie 0 = E	
112-19	7
TC4>, P3	Emitive activation amisq so
R=KKX] corice	acktil, dega =1 se
Since sirted	
a= E . p. 4	125c Cor 1/422 1/25c
k/lol	
Touberi amagnisan	starietico simom sliete
243, 27 € M*	

emisy elocations sales amitted (1) comescant thinipmi stre

Lestimes relemented (2) mænice din KIXT este infinità.

Dem .:

(4) Bresupement print Deserte cà le Zinità.

smiry slowton. The staat mn >...> 29>19

Fig. N= V& LS. ... Um + 1 € M, ≥ T

N= product de prime = (E) = pri ni :: nmt/ ni | p. m /= 3

M1 1 contradictie!

Brapatitie Fiet un palinom i reductivil an K[X].

Johnson KrxI comp.

Dem. Fie $\hat{Q} \in \frac{KKN}{(P)}$, $\hat{Q} \neq 0$, adica $\hat{Q} \notin (P)$, adica

 $= i \quad \partial_{i} \partial_{i} + \partial_{i} \partial_{j} = 1$ $= i \quad \partial_{i} \partial_{i} + \partial_{i} \partial_{j} = 1$ $= i \quad \partial_{i} \partial_{i} + \partial_{i} \partial_{j} = 1$

libertonni E

Dock K este corp Rimit 1K1=9 deg P = m (P) = 200+01x+..+0m-1xm-1 00,...,0m-1EK] are 2ª Demente (K=Zp) XP cup radicion iradición monic 1 paim Comple: strumed vus gras [x2cs]
(i+x+ix) etrande 8 w gra (14X+EX) wed.