$$Y \subseteq V - \Lambda \pi$$

$$e(X) = \begin{cases} \frac{1}{2} \lambda_i \lambda_i | n \in \mathbb{N} \cup \{0\}, \lambda_i \in F, x_i \in X \} \\ = \bigcap U$$

$$\chi \subseteq U < V$$

A -
$$n \cdot \lambda$$
 ; $\lambda = 2 \mu \mu \nu$, $i \eta \cdot \epsilon \epsilon \epsilon \mu$, $\pi \circ n \epsilon$; $\chi \leq A$
 $\langle \chi \rangle = \Lambda B$
 $\chi \leq B < A$
 $g = a \eta \lambda \mu \nu A$

gh, n.g - Morenne q E yyma (. am +); y cien The 22= 12= 12= 12= 12= 12 ; stregary. Michen (comproblem Ses gen- an O - ougagnie GL (22, +(22) = 2(=1+2) (221)-(222) = 2(2+, 2) wono 1 - Eps Swrager (2 E1) +(2 E2):= 2(E, T EL) f: Z -> 2K (221) (2t2):=2(E, t2) 2 (---) 2 2 f(ab/= f(f-16/. f-16/) a+b=f(f-1(a)+f-(b));

(=) f'(a+b) = f'(a/+ f'(b); f'(ab) - f'(a). f'(b); a=8(x), b= f(y) - f(x) + f(y) = f(x+y); f(x).f(y) = f(xy) f,f - co kompmon fusion surge usomon posessi Possono ce, ce 24 e opraien e Trom ou epago"; c egumy - 2=2.1=f(1) 3ud. A, B - d AxB= {(a, 6)/~ GA, 5 E 13 } y mus L - (a, b, 1 + (az, bz/=(a, +az, b, +bz))

CA, EB CAXB TOJ & cusomophus 12-B (CA, b) (b EB CAXB TOJ & cusomophus 12-B 14, 16-eg-bu AuB (up & ciem) (14, 16) - eg-bu AXB

 $2x22 - \pi p$. ; Sos (24 course. book) $2x309 = 5(2,0)/2 \in 29 = 2x22$ Usomospho no $2 - \pi p$ cores 2 + 2

$$g^{h} = \begin{cases} \frac{3 - 9}{n}, & n > 0 \\ \frac{3 - 1}{n}, & n = 0 \end{cases}$$

$$n = 0$$

$$(\frac{3 - 1}{n}, & n = 0)$$

$$(\frac{3 - 1}{n}, & n = 0$$

$$(\frac{3 - 1}{n}, & n = 0)$$

$$(\frac{3 - 1}{n}, & n = 0$$

$$(\frac{3 - 1}{n},$$

G-yngun;
$$X \subseteq G$$
 e $\xi_i \in \mathbb{Z}$
 $\langle X \rangle = \langle X_i^{\xi_i} - \chi_n^{\xi_n} | n \in \mathbb{N} \cup \{ \delta Y_i^*, \chi_i \in X_i^*, \xi_i^* = \pm 1 \} | \mathcal{J}_{organism}^{2}$
 $\langle g \rangle = \langle g^n | n \in \mathbb{Z} \rangle - \mathcal{J}_{unconsens}^{2} \mathcal{J}_{physion}^{2} \mathcal{J}_{organism}^{2}$

<X> - gymerie l'assignemen XVX' X'= /x'/xeXy; mooner gymer «> eg.co $R - \eta_{xi} = X \subseteq R$ $\langle X \rangle = \begin{cases} \frac{1}{2} x_{i} + ... + \frac{1}{2} x_{k} & | n \in W \cup \{0\}, x \in X; | 1/2 - \epsilon/N \} \\ \frac{1}{2} x_{i} + ... + \frac{1}{2} x_{k} & | n \in W \cup \{0\}, x \in X; | 1/2 - \epsilon/N \} \end{cases}$ LegmaDog. 1/ HAG + He mogoroma soppme ka C), orce H<Gn HhEU, HgEG ghg 'EH 2/ I 4 R (I e ugeon en mjærgen K), (orco - Vi,iz E I =) i,-iz EI (=) (I,+) < (R,+); a) - VIGI, UNER

= ir EI - gecen ugeon = vi EI - ndb ugeon = ir, ri EI - (gbyerronem) ugeon

Penorgie (na enchalonomi koró - R C A x B - penorgi, a Rb (=) (a, b) E R - R C A x A - perage un excluber commo có pres = Vaca (a, a) ER (aRa) propuralment = aRb => bRo cumes premots = aRb, bRc => aRe Marsons who out

T/p 1/ = ygoln. (m) 2/ = 014 3/ < ygoln. 3 4) A-T. Rjohn. AXA-Man. I holorem ic. BC ~ DE = BC | DE : BC = DE ; C u E a B equal and a morno BD one - BC ~ BC & BC u DE ca equadrocom - BC ~ DE = DE ~ BC - BZ ~DE ~ DE ~ FG =) BC ~ FG 27 n e perogre 1.0 enbulamentos (PE)

TE. n e PE GA. Trebe A ce posévour mon hen peur roup le lesoute per entre Gomensmer [o] = 96 CA | a ~ 67 (Knock tra end. In a CA) 3us. [0] = [6] um [0] / [6] = \$ x = [0] n [6] - a~x, 5~x / a~6 YyetaJ -> a~y a~b b~y => [a] \(=\) [b] \(=\) \\

L Amount. [b] \(\sigma \) [c] \(\sigma \) \

30 de 18 E possiline no venous estro un suguenous estr X=UXi, Hitj Xi DX--> Dep. ~ : a ~ b & JiEI: a, b EXi a e Xi to [0] = Xi Ins. [0]=[6] 20 a~6 Dennisor par Eurosa (pazza. man. 2) Dop a/6 (a gent b), and Jc:6=ac Cl-Co

1) 0/0 2) a/b, b =0 => |al = 16| (b=0c, c+0 >1d>1) 31 a/6 a b/o => /a/=/b/ (b=±o) 4) 0/6,6(0=) 0/0 (31:6=10; 3e:c=62 -) c=da.e=o(1e) Bus. 30 IN 1,3,4 - getompt pengue ba bapegsa L'estima) 5) a/b = 0/6C 6/0/6,0/6 -2 0/6+6 Il v/b11-7 0-15h = +49-56 a/ b, C, + - + b, C,

Il. (Teopens en genere e Everso u octobre) ∀a,6≠0 J.2,r; a=69+r ~ 0≤r<161 (9- zacino: 1 - verrier)

por: Happymaneres ben IN nova reammonen exercent De M= fa-bg/g EZ/; Mo=MN(INUfor); Mo + Ø r - min en. ma Mo 2) 3968: r= v-69,8.e.o=by+r r≥0-20mo; Aus r≥161 r,=a-6q-161EM,r,>0-1,EMo r, <r (r-r,=161>0) TI => r < 161 2) 2 nr 3

Equactoriols: free $a = bq + r_1 = bq_1 + r_2$ $a = bq_1$ z) 1 = 12 2) r= -r2 Orp, R-ogressen, X ER $(X) = \prod_{x \in I} \int_{X} ugeon ne R or opogen$ $X \subseteq I \subseteq IR$ 35. (X) = { \$\frac{1}{2}r_i' \ x_i r_i'' \ \ n \in \wo \log \, r_i \, \r_i' \in \ X_i \ T Dog X=404, ormen (X/=(0) - noben ageon
voyagen of a; Arco R-1congrowler e 1 (0)=40r/rCR4