```
"Herp" - 111, yours, me = en, 17one; M- sengo"
         W \leq M
- troyperso
- X = M
                        e(x) = 0 M
   = e(x) (nT)
                          XEUCM
   = (X) - hh
    (X)= n
xcHcM
   = N < M ( mr sign); X C M
     NTXJ = 1
NCKCM
         X \subseteq K
```

$$V(X) = \prod K$$

$$V(X$$

2) K < R (Mossem) 6) K E R u K,-K, K, K, E K 3) K < F (170mer) (-) $| K \subseteq F$ u $| K_1 - K_2 | K_1 K_2 | K_1 (| K_2 + \delta) | (| K_1 + \delta)$ $| K_1 K_2 | (| K_2 + \delta)$ 305. Hugeon e u trograpa con R-Mruen, X ER $(x) = \bigcap L$ XCIAR

Arco X=4x7, tower (x) - zvolen ugean

3.5. 1) No
$$e(x) = \{ \frac{1}{2} \}_{i} k_{i} \mid n \in \mathbb{N} \cup \{0\}^{r}; k_{i} \in \mathbb{K}^{r} \}_{i} \in \mathbb{K}^{r} \}_{i} \in \mathbb{K}^{r}$$

2/ yyou $(x) = \{ x_{i}^{\epsilon_{i}} - x_{i}^{\epsilon_{n}} \mid n \in \mathbb{N} \cup \{0\}^{r}; k_{i} = \pm 1; x_{i} \in \mathbb{K}^{r} \}_{i} \in \mathbb{K$

R(il=R[i]= C ~ D(JZ) OTE 6-epgra; HOG - perporanne avyrpyna, orce H < G n Hh CH, xy EG ghg - GH (ghg' - capernor to h < g) Teoper par avenour (muleen e U) 300. 8 FEXJ (F-17001e) senger co messor organism pour: Bours Hogustonal ato 10 1N una marinoven en. Opp. Korkver, re a/b (a gem" b), our JC: 6=0C

$$\frac{(C-C_{1})}{(1)} = 10 - 10$$

$$\frac{(C-C_{1})}{(1)} = 10 - 10$$

$$\frac{(C-C_{1})}{(1)} = 10 - 10$$

$$\frac{(C-C_{1})}{(1)} = 10$$

$$\frac{(C$$

{) 6/bi = 0/25c,

(9 - 200 no; 1- 0000 Tone)

2-60 M= fo-59/9627 MNN0 76; r - mm en. tra MNNo (No=1NO(29) => 59 c 4: V = 0 -62, T-e. a = 69 + r > v = 0 Auo r > 161 => r-161=a-(q±1)6 EM = EM CM CM r-161 < r 95 =) r < | b |

Tl. Arw I All, TO I a unden vgeon, F.c. Sat-V: I=los D-la Herr I All

-I = 409 = (0)-I + 408 (o CI = 1 - 0 E I) =) I NIN + \$ lever of wh en to I NIN lande, re (0/C] (vCI) Aus i EI, 80 Je, r: E = 09 + r u 0 < r < / or r= i-v9 EI (i, a EI) =) r=0 = i=a (e(a) =1 I = (o) =1 I=(o)

Is. The sommer of 100k. of itom - anonomino

Ottepayon e vojean 1) I ar, jes => nI ar 25. l(XUY)=e(x)+e(Y) 2) I+J= {i+j|ieI,jeJ} AR (I,JAR) - agno 3/ $IJ = (\{i\})i \in I, j \in J \} = \{\sum_{k=1}^{n} i_k | n \in INU \} of, i_k \in I, j_k \in J \}$ $\leq InJ \qquad (R-m.c1)$ 305. INJ SINJ $I,J\subseteq I+J$; $IJ\subseteq I\cap J$ Rome & IJ C [y

 $D_{T}(\mu D) d = (a, b)$, onco: - d/o ~ d/b - Arco d'la vd'/6, To d'/d bein-read One. (How) m=[a,6], onesi - o/m ~ b/m - Arco o/m' u b/m', To Te 1/ (0/1 (6) = ([0,6]) 27-3 KOD, KOK 2) (0) + (6) = ((0,6))3/ (a/(b) = (ab) (suro)

3nd. HOD u HOU co ogjegenen c jorgen- ±1 2-60 1/ Jm: (0/ 1/6/=(m) - m c(m/=1 m c(a) u m c (b/=) a/m u b/m - Aus ofm ab/m =) m' E (a) um E(b) => m' E(a) 11(b)=(m) 2) m/m/ 7) -Jm=[0,5] 2) 38: (01+(6)=(8) -(v) = (d) - (b) = (d) =) d(a - d/b)

- 16(1)=(a)+(b) =) = \sum 10. A = ou + bv

Aus 1/a - 1/6 -> 1/11

Arroportor ber Elicing (AE) $7 = (6, r_1) = (6, r_1)$ $3(6, r_1) = (r_1, r_2)$ a=69+1, 0=1=(6) b= 112+12, 0 = 52 < |V1=01 1,= 1293+13,04 V3 < | T2/= 12 J(1, 12) = (12, 13) TK = FK+1 9K+2 + FK+2/ O < FK+2 < FK+1 3 ((K, (K+1)) = ((K+1) (K+L) (C+1= K+2 9K+3 3 ([K+1, [K+L) = K+L apoyeces compo.

3 (a,6) = TK+2

a. (teg) Ju, v: wu + bv = (a,6) D-Co vge gor. Hi=1,2, nK+2 Jui, Vi: Vi= uio +Vib dosa: 1.=1.0+(-9/6 12=6-1,22=(-22)~+(1+9,22)6 ung. Comer: Vi= ri-2 - ri-19i i=k+2 = 1 k+2 = 4 k+2 = 4 0 + 60