Ugeann. Jaisopoposiscem. Tespenor so XMM R-Jp.; I aR - ugeon, ones: 1) \( i, i, \( \ilde{I} = \) \( i, -i, \( \ilde{I} \) 21 VicIn HrER - in EI a riEI gleen rel 305. 1/Trøy ugen up possupene glyespoken oggen 2/R-1com. De = not z geen = glycop. 3/ 11 => (I,+) A(R,+) 4) I e mogazzer pa R

Dipi I ak e molen (R-nj. cf), one fack: I = for | rer = (a) = A I  $a \in I aR$ 305. 13 4 Cenar vyeon e moben I & R ; (R,+)/(I,+) - 4 on rypyma Dog IAR, RII - for oproperen e - R/I = {r+I|rER} - (r,+I)+(r2+I):=(r,+r2)+1 - (r,+I)(r2+I):= r,r2+I 365. r, +I=r2+I & r,-r2EI

IE R/I a aprocion D-Co Bussen o spyron, el 4ª e copere les getsempour a Rocuo adaponero RII e odenela spyria - begrestweet to : Acco i,+I=j,+I ~ i\_c+I=j\_c+L,00  $(\hat{z}_1,\hat{z}_2)+I=(\hat{f}_1,\hat{f}_2)+I$ i,+I=j,+I=) i,-j,EI=) JK,EI: i, j,=K1 Alunnon. 3K2ET; il-f2=K2 iniz - fifz = (fi+k,) (fz+kz) - fifz = = j, K2 + K1 j2 + K1 K2 GT = i, j, + I = i2 j2 + I

- o corprosulmoci ben. - quespudy los es - onulos. 0+I=I3us. 1/ sugnebrer en R 2/ apor ub o nonomen: -(i+I) = (-i/+I 3/ Arco Re ap. C1, No RII una egun. en 4/R-M.C1 v a ER e odjagner, so a +I CR/I
comp e asparer v (a +I)-1=a-1+I The (n)= 4 n2/2 e 2/4 a 4 u Zn = 2/(n) [OJ= fa+ Kn/ KEW/ = a+(n) [0]-[6] (m od n) 4: R, -> RL e XMM (ha apriciem), anco - 4 a, 6 ER ( (a+6) = 4(0) + 4(6) - FabER 9(06) = 4(01 Y(6) Acco le u Suempe, ou le osvocopérisem Sus. 1/ 4/0/ 1-0/2 21 4 (-01 = -4 (0)

3/ Arco R, u R, wo of c & were u e(1/4)=1/K Touter, our o ER, « odprour, 70 (8(0/)-1=4(a-1) On, 4- R, -> R - XMM Ker 7 = { r = R1 | 4 (r/= 0 R2 7 Im 9 = { 4(r) | r Elin = 8(R1) = 36ER2 | 30ER; 4(01-69 TC. Kert 4R, Im Y < Re (waying oction) D-Co Ker

- 0,5 E Ker 4 2) \(\(\frac{1}{\pi} - \P(\frac{1}{\pi}) = \P(\frac{1}{\pi} - \P(\frac{1}{\pi}) = \P(\frac{1}{\pi} - \P(\frac{1}{\pi}) = \P(\frac{1}{\pi} - \P(\frac{1}{\pi}) = \P(\frac{1}{

Anonor y (rol=0 = or, rockerf -skerear) Im a, b C Im 7 =1 3c, d CR1: |4(c)=a (4(d)=6  $Y(c-d) = Y(c) - Y(d) = a - b \in Im Y$   $Y(cd) = Y(c)Y(d) = ab \in Im Y$   $Im Y \in k_2$ Teopena za KMM (ka ogzesem) Y: R, -> Rz e XMM. Torolon Keryak, u Im 1 = R,/Kery D-Go OT g-rv vm T zn XMM zn ypyrn

8: R1/Kert - Im 4 FrER; F=r+kert () Or y. 3 maen, re - De laperono - De Suerago  $-\forall r_1, r_2 \in R_1 \quad \partial(\vec{r}_1 + \vec{r}_2) = \partial(\vec{r}_1) + (\vec{r}_2)$ Darla go gou, re 4 r, r, ER, D(F,F,1= D(F,1)D(F2)  $\theta\left(\overline{r_1}\overline{r_2}\right) = \theta\left(\overline{r_1}\overline{r_2}\right) = \theta\left(\overline{r_1}\overline{r_2}\right) = \theta\left(\overline{r_1}\right) + \left(\overline{r_2}\right) + \left(\overline{r_2}\right) + \left(\overline{r_1}\right) + \left(\overline{r_2}\right) + \left(\overline{r_2}\right) + \left(\overline{r_1}\right) + \left(\overline{r_2}\right) + \left(\overline{r_2}\right) + \left(\overline{r_1}\right) + \left(\overline{r_1}\right) + \left(\overline{r_2}\right) + \left(\overline{r_1}\right) + \left(\overline{r_1}\right)$ 

 $I \cap J = ([m,n]), [+J = ((m,n)), [J = (mn)]$ 35. INJCI, J', IJ SINJSI, SIT Dog. In J ca browns o sport, one I+J=R To. Ans I+5= R, TD IJ = I/J D-60 0 EINJ ; I+J=R => FIEI-jEJ:i+j=1 =1 a=a.1-aitajEIJ

300. Ry, Rz - Mp. =1 Rx XRz = 5 (ry, rz //r, C-Ry, rz C-Rz) C (r1, 1/2) + (11, 1/2") = (11+11", 1/2+1/2") ~ (r1, r2) (r1, r2") = (v1, r, r2 v2") ( m) Ecoseus bus. Uma gern-en ha 0 - (a, 0/(0, 6/=(0,0) TE (KTO) R-1804. M. C I', I Jak Granno your Touch R/IS = (R/I) x (R/J) Cn. (m,n/=1=) Umn = Um x Un 305. (R, XR2)\* = R, XR2 Cn. Um = Ux x Ux , Brownow 4(mn/=4(n/7(n) 30 (m,n/-1

Y: R - (R/I) x (R/J) D-60 r 6 (r+I, r+J) - Y e XMM I+7=R - Kerr=grer (r+I,r+J) = (t,J) = INJ=IJ - In + = (R/I) × (R/J/? Im Y = |R/I/X| (R/J); (r, + I = r + I) (r, + J = r + J) $(r_1, r_2') \rightarrow r'; (r_1', r_2'') \rightarrow r'' = (r_1' + r_1'', r_2' + r_2'') \rightarrow r' + r'')$ Jic[ vjey: i+j=1 (= I+g=R)

$$\begin{aligned}
\mathbf{r} &= \mathbf{r}_{1} \mathbf{j} + \mathbf{r}_{2} \mathbf{i} & \left(\mathbf{r}_{1} - \mathbf{r}_{1} \left(\mathbf{j} - 1\right) + \mathbf{r}_{2} \mathbf{i} = \mathbf{i} \left(\mathbf{r}_{2} - \mathbf{r}_{1}\right) \in \mathbf{I} \right) \\
&\in \mathbf{y} \quad \in \mathbf{I} \quad \mathbf{r} - \mathbf{r}_{2} = \mathbf{r}_{1} \mathbf{j} + \mathbf{r}_{2} \left(\mathbf{i} - 1\right) = \mathbf{j} \left(\mathbf{r}_{1} - \mathbf{r}_{2}\right) \in \mathbf{J}\right) \\
&= \mathbf{r}_{1} + \mathbf{I} = \mathbf{r} + \mathbf{J} \quad \mathbf{r}_{2} + \mathbf{J} = \mathbf{r} + \mathbf{J} = \mathbf{I}
\end{aligned}$$

$$\begin{aligned}
\mathbf{r} &= \mathbf{r}_{1} \mathbf{j} + \mathbf{r}_{2} \mathbf{i} \\
\mathbf{r}_{1} - \mathbf{r}_{2} \mathbf{j} \in \mathbf{J}
\end{aligned}$$

$$\begin{aligned}
\mathbf{r} &= \mathbf{r}_{1} \mathbf{j} + \mathbf{r}_{2} \mathbf{i} \\
\mathbf{r}_{2} - \mathbf{r}_{1} \mathbf{j} + \mathbf{r}_{2} \mathbf{i} = \mathbf{i} \left(\mathbf{r}_{1} - \mathbf{r}_{1}\right) \in \mathbf{I}
\end{aligned}$$

$$\end{aligned}$$

$$\begin{aligned}
\mathbf{r} &= \mathbf{r}_{1} \mathbf{j} + \mathbf{r}_{2} \mathbf{i} \\
\mathbf{r}_{1} - \mathbf{r}_{2} \mathbf{j} \in \mathbf{I}
\end{aligned}$$

$$\end{aligned}$$

Cn. (uny) HICCE IK+IP=R =) R/I,-In = R/I, xR/Ixx .- xR/In Day- 1/ I a R - mors, onco of ab EI = a EI am b EI 2) I & R - Marconmonen, and of long I & Jak = 1 J= R Te. R-100m. 17p. c 1 1/ IAR- most & R/I e odnaci-21 I 4 R - mox Es R/I e Mone Co. Been mor ugeon e v sport (6/com. ig. cf)

D.60 R/T e 100m. My. c 1 1/(2)) Henry (a+I/(b+I/=0+I 3a a #I n b#I 06+I =1 ob EI =1 a EI am b EI fl (6) ab ET = P=I=0+I=ab+I=(a+I)(b+I) =1 a+I=I um b+I=I = 1 a EI nambEI 2/ (=)/ a = I , a + I = T = 0 ; I = Ker y = y - 1 ( I) (DXI; Y:R -R/I I C I+(0) =) I +(0) =R >) FIGE, rep r = [ = ) 4(r/= 0

Bronone ka odnoer par yencer 6 vone of 205100 305, A SB; Y : ACOB Brazane in ABB 305, 5.0.0. A BBCC use corrone, c A ce Croro 6 C ve corbane, 2 ( orange C. Colema Au B/