IPYTHU Mp G c [our apres o riepayme] * e epyria, axo: 1) * e acognamena Ya,b,cEG (axb)xc=ax(lxc) z) * una kegsporlen en. 3eEG: HAEG AXE: EXACA 3) Been en. Hor Ge offortun YUEG-JaEG: axa=axa=e

Tp 1) +; Z, Q, R, C - 4 2)·; Q*=Q\\O\; IR*, C* .; }-1,1 3) V-ATT; (V,+)-4p. 4) GLn(F)= A EMn(F) #A'EMn(F): AA'= A'A=E' - A,BEGLn(Fl=) FA,B'EMn(F); |AA'=A'A=E' (AB) (BA)=(BA)(AB)=E | BB'=BB=E

 $-A_1B_1CEGL_n(F)\subseteq M_n(F)$ => A(BC) = (AB) C - E-keyip. Cn', EE=E->EEGGn(F) YA AE-EA-A = of MA(F) - AEGLn(F)-> JA'EMn(F): AA'= A'A = E -> A'E GLn(F) ((A')' = A)F- Tone: A - vop. (=>A - Keocoder det ff to/ AB-on - defA let B +0 -> det AB = det A. det B =0 F- HE ETTHL - HARY. Z

Sto Aro Valle Gaxb=bxa, 6 ce noquer odenbr (hongrandka) y 300. Tr. 1,2,3- Jenethi, Tr, 9 - 10 502 1) Heysponnuer a e equinciles (e'e"=|e" (e'-keyp) -> e'=e") 2) Dopaimer en e equicilent (a', a' - 00 p. 40 a', a'a a' = /2" 13 Horoboxu ro Ca

3) Moine go ce por., le peges no crosuit l a az - an Koma sharehul He zu Trumery Mr. Rc ouriphu orep. +, e mecter, and 1) (R,+) - ad chelon y. 2) VABICER (ab) (ca(bc)

acognotalhort na 3) Ya, b, c & R a(b+c)=iab;tiac; (a+b) c = (ac)+bc! 11p1) [R,R,C 2) Mn(F) (F- TPECTEH) DAY R. ITPECTEN 1) R- Konyjog uben motoren, ako Fa, bER

ab=ba 2) R-MPECIERC 1, ako JEER: YaER ne: 6 To - TIPTCTER SES 1 2/= {22 76/ 3) de R - genusen no Hyplato (nol, gecen), aro 36/6/ER, 6 +0 +6": ab=0=6"a

per 4) R-66 Net, NO R-KOM TTP. C1, Jes gen Hal 5) R= mpect; a e R e objanum, our Fb ER:

6) A-Tero, areo Re Top C 1, 6 posito V menignel en confirmen FIR-MORE, DED C ENTRYPHENDERS THE 300 - HONE - NOW TO CI, & paints

- HENGENEL Cooperant 16 1) equavener ca. e equation 2) Ato a cospanier " a', a'ER: ANT-NA=ANT-NA=L=) OFA A = a - OPPLEH HO A ; A-3) YAER AD=QA=A Aloto)=Anten Han) n.0=0

quater no 0

(al=0 mile b=0 TL)