SEMINAR 6_132 07.11.23 Acitate cà Mat (1 a): 9 EQ, nEZ} e grup m'raput ce inmullirea Sol Fre M= (1 a) = Ul (deu, ata que) Atuna det M= 2° ≠0, den M€GL2(R). Ca urmane, McGL2(R) Pre m= (1 a), N= (1 b) + W. $MN = \begin{pmatrix} 1 & 6+2^{7} & a \\ 0 & 2^{M+p} \end{pmatrix}$ notuical t adolphing & Z, L+2Pa & Q H myrez) MNEUL. Fre M= (1a) EM (den aca, nt2). 4 = (1-11-11)+ Luan P = (1 - a.2 n) -9.2 4 - NEZ Dr aca n nez oftenem

den Pell.

The plas, MP= (1 a). (1 -9.2-4) = (1 0) (2) a PM 2 (° 2-4) (° 2-6) (° 1° a).

Ca wron ace, P e metrica (alin G/2 (A)a)

matrices M. To concluse Me subgrup al lui (GLaR),) Ca wrunau, (M,A.) * e 19 jup. T + + 1 = 1 (H,A) (d= 42 + 41 + 41 + xx = d (410) Fre # 5(2,+) Atunci 0 ett.

Deca #= 203, atunu #= 0.7 Daca H + 803, atumi exist of # 1808. Inlocured executeal * un - *, constatain cà 400, +Q(X & Zh, X & A, X & A, X & X Notice Mz Mure HOND en and ment Hamil: net · 3n = Zuth EH dayor LOXA industry, knew theat. EXEYS Fre REEIN. Atuui - kn EH de may m, deci knett mtu cât HEZ. The concludre, mzcH (1) TYXX Freethett. C+ Tir, wista girez aga most

h=ng+12 n' 02/22 mones marculi: mu 3 Dava rzo, hengem Z. All apus Dacá r≠0 cum hett & ng €t, costinum r=h-ng +H } d.

Der Ochem } d.

Romane, deal, ai den Z

Jeel, arem & H = MZZ => H= MZ. Ca virueaue, eties soiles me me me dat Subquipurile lui E mit elemen-tele muttomin 3mZ:n6M3 In acceant ordine de idei; Dat find men, subgreenerele lui En mit elementele multirui Hotern plannel cer P & notice ISOM (P) = of f: P-oP: HABEP (funfto)-AB) (den mu e gree de decemitral, une considera comoscul faplul cà once attel de hudes

e bijedora) den', ijon (3) C Bi(3) = multeres (9)

Fle f. geisen (3). Pole figeizen (P). Atma, pt ABES (fog)(A) (fog)(B) = fig(M) fog (B)) = g(A)g(I) = g(A)g(I) = AB. Duy foge Bon (3). Par feizone 19). Atuna 1 +B = P(f (A)) f(f (B)) = f(A) f (B) Dead of Eizen (P) Ca weman, izm (P) & (B1; (P), .) deu) (120m (3), 0) e grup. dacad count de adu o franci Fin plan, notain ou Jf = } fe izou (7): f(F)=F}. · Evident, JF C / Jam (P). · Da cà fig & J.F., atural (fog)(f) = f(g(F)) Jedf f(F) = f, du fog & Jos · Da cà f & Jf, athur u' 王= 七(年)(五)) = 七(年)

Ca unever Jf & (12m (3),0) Deul (Jz, 0) e grup. fixil e vort, dell' poste fi ales in 6 moders Donca - l fisain, flatel e vort reen un al, duce are dona bour'aute. Ca urmore, 17/1/212. Nother car probable a de 3 m jund leur 0 (w sens two on method), selp. Dia u Local mui hexage consideran TP(A1)=A31 TP(A2)=A2)=1 TP2PT

Aut grup I.M. GRUPUL DIEDRAL

PEN ELEMENTE

ersiman arrowni sesso -/ 0 /-

1.8.3

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