Alexyry M 15.12.2021m Марица на пинейно изображение Hera V, V' xpalinouepen 1. upban xap 1. usae F u S & Hau (V, V') u rexa e={lis," u f={fis," ca Jazuar na Vu V' Booberno. Da pasmegane 9(9) = anfo + anfe+ - + ans fur 8(62) = ap f1 + azef2 + + due fu S(la) = an for agents + dun hu u ga espazyboure chegrara magneya; $A = \begin{pmatrix} \alpha_{11} & \alpha_{12} & --\alpha_{1n} \\ \alpha_{21} & \alpha_{22} & --\alpha_{2n} \\ \alpha_{21} & \alpha_{22} & --\alpha_{2n} \end{pmatrix} C furxn$ $A = \begin{pmatrix} \alpha_{11} & \alpha_{12} & --\alpha_{2n} \\ \alpha_{21} & \alpha_{22} & --\alpha_{2n} \\ \alpha_{21} & --\alpha_{2n} \end{pmatrix}$ 9 Eng Heng = H

Авф. Мадр. А каригане надрина ка 1. moof 9 le sassence e « f sa V « V. Moop À e affanjbasea pass no condobe seli)

ce napergalin roughuranno ra afgracy
ha o bjon flis," e na V uspaneny & dagua f={f}," na V. Brockwood M. ra n. oup & & Hay V & Saguea e= {lis," ce oupasyba Kato; 9(4)= ane,+ age+-+ane y (le) = 92 G+ 92 G+ take 8'ley 12 agu a + Osule + - + Qualy 4 CHOUN (= A= A= (as)) e Multi, A = (V V - V) uxu Взуно и оброетого выррение, те

axo A & Mulf) => A (& & D - 60) 3/4] | geHanV: g(li)=bo, 5=1511 donven u S & A=Ae Herea V, 8 & Hour V, w = Light + taly ly u y(w)= fig+ · · + file, y & A The $g(w)_e = A_e w_e = \left(\frac{b_1}{p_u}\right) = A\left(\frac{d_1}{d_u}\right) = A\left(\frac{d_1}{d_u}\right)$ Delicobres C MIN Usedparteray Hexa V u V' ca n. upba rag z. ware F u ge Hou (V,V') u 4 e Kou (V,V') U (KOroso VuV' ca KpH. A. Mp.) Keka & ligh=e u { fish = f a farman na Vu V; confermo Hera y ess A & Fuxu ; 4 ess B & Fuxus u JEF.

Sef: a) Cyma ra n. u. S+4 Sefaragase 4+4; {V->V' (8+4)(a):= 9(a)+4(a) 8) Yunoperare na A.u. y us enon 26F se fusupaire: 29: { a > (24)(a) = 2.8(a) 16: a) are 4, 4 & How (V, V') => 9+4 & Kouly) 8) and 8 e Kow (V, V'), 26f => 28 & Kow (V, V') Hts: V, dow V=n, V', dow V=u u e u f Samon Ka VuV'. Toraba: a) Y+4 == A+B & Fuxu 8) 29 eng 2A E Fuxu 6) How (V, V), 8+4, 29 4 A1+A8 Ba N uplo nog zwere F ca boung, T. e Now (V, V') N. uplo xog F.

r) How (V, V') = Fuxy SE Kow(V,V') => + Hess=H Hera V, V', V" ca Tou a. upla ray Fu e={lis,", f={fis,", h={hes," ca Samues crooberso ra V, V'4 V". Hera YE How (V, V') u Y ESS A EFWAN 4 & How (V',V") u 4 Fin Be Fexus Sefranjours, (humospenne) na kange 409; {a -> 4(9/a)), Te = 4(5(a)) Ho: a) 408 & Hom (V, V"); 8) 409 END C=BA GFxxn 300 C.p. gorce upobepper 25,405 1. usoof

Paro u geberer sen nuncino usopapenin Hera V u V' 1. mplan ray zo wone F u y & Kour (V, V'). Ako dom V=n u dom V = u, reeka C={ess,"4 f={fig" ca dance kar Vu V' u y => f AGF Det: Sapo na a usodpaperare V raprosere Kers:={weV/s(w)=0, th. a) Kers ≤ V; 6) Kers = { Ov } (=> 9-unerising; Sho: a) & u, w & Kers, & Lipe F y(u)=Ov, , y(w)=Ov, . Toralon g(du+fw)= 29(u)+kg(w)=20,140,00 > Lutin Exers For Kery=V;

A Kery = $\{0\}$ u hera $u \neq W$, u, $u \in V$ u ga sougenesse y he e usual yrusone y(u) = y(w) (u) - y(w) = Q, (u) = (u)9(4-W)=00, => U-W & Kers={003 = U-W=Ox (2) U=W upor boperne =) I unexigus. O Spoongars y waryng u gangener z JW+U, WEV: WELERS, TO 8(W)= Ov = 8(O) => 9 re e unexyry vposuloperare => Kers={Ov}. Def. Defens na 1.4. 56 Kon (V,V') napuraire don Kerg « ornarabace c d(8) = down Kers. Set Dofor na 1. used 56 Kon(V,V)

Set murpaine

Set murpaine

Tus! = {WEV | 3weV: 5(w)=u} =

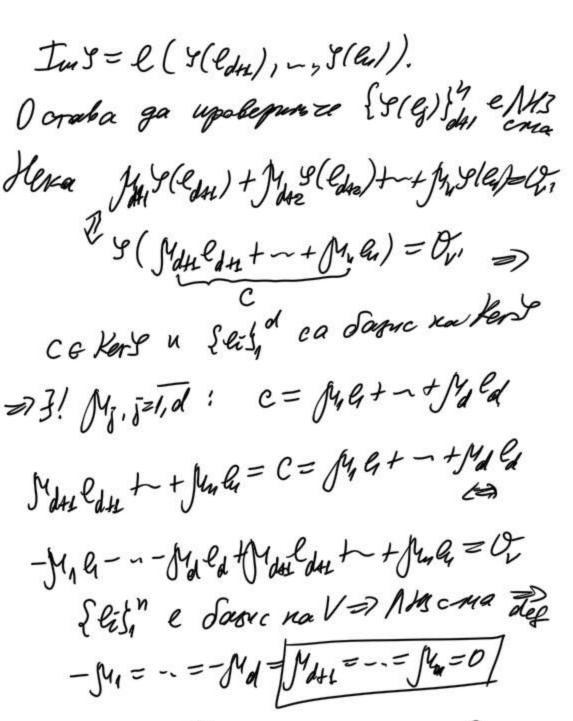
Tus! = {5(w) | weVs.

as Tus => 3 ceV: 8(c)=a 6 & Tus => 3 deV: 8(d)=6 Late be Trus, T. Kours & (2ctpd)=Lates The Ims = V'. Set Parer na n. u. & & Hon (V, V') ouge-generie karo dom I Tury u osnesalany iz(8) = datu Ius. Th: Hera & E Hour (V,V), e={listing f={fifty Sama na VuV' u 9 = A & Fuxu. Toraba ~(A) = ~(4). $A = \begin{pmatrix} 3(a_1) - 3(a_1) \\ \downarrow & \downarrow \end{pmatrix} \qquad \text{or} (A) = \text{re}(9(q_1), ..., 9(a_1)) = \\ = d_{TM} L(9(q_1), ..., 9(a_1)) \\ = d_{TM} L(9(q_1), ..., 9(a_1))$ Im 9 = l(\$19), my (B)) down Tuy = 2(4)

16. Ius ≤ V!

260: + a, 6 & Tus, + Lips &F =>

Th (za panr u glaper na a. u. S): Hera Vennepro n. uplo u 96 Haus(V,V'). Toraba ~(y) + d(y) = n = dru V. Dos: reacons cn:1) Kers={0;} => d(4)=0=> Tuy=V => 2(41=n=dom V=) u+o=h 2) Imy={Ovi}=~ ~(950 => d(4)=n, re, Kers=V => 0+n=n. Hera 0 < d(9) < 17 u nera es, sla dance na Kers. Dons als ave tom Same go of par V, re, les, med, late, ~, la e d'rea V. Use vorapente 9(ess),-, 9(a) e danc na Imy => ~(y)=n-d. Hera BueV=> 3!d: u= Le1++thelathardinthe y(u) = Ly(e)++ Ly(e)+Ly(ey)+Ly(ey)+ + Ly(eu)€) W=9(M=Ly(e)+++Ly(e) =>



Tel {\(\frac{1}{3}\)} du ca \(\frac{1}{3}\) ca \(\f

305. Axo SEKon V Kers = V u Tung = V u d(*)+ ~(8)=17, m 6 as Cyap congració ne e ignancionez re Reiso Sussessos The Kers @ Trus & V Обрания пижем оперотор Hera Ve nuepro n uple " e= ses, "e Janua na V, SE Hour V 4 S & AZ Malp. All Karbaner e S e affarin 1. any Och J & C Kanv! You's = 8 = EV = E Ochonen Kois the. Are I e adjourning to I'm egressione no ce supegen or S, re 3! 9-1. This Ano & E Kom V e adjanus u 4 & A) To Any g-1 chowl & to A-1 chule)

The Hexa SE Hour V, V, e= {ei}, "e o. now V. Chequire Abrigeous ca extremous: a) y e odparim numer aux; 6) Kers = { 0} , The d(5) =0 4 greening 6) Trus = V, Te 2(4)=17 4 5-croperyry

3/9 e Usethopopor H & vsupanya kosti ga e Sague ra V Le Same na V g) Des magonizata na 9 le kañ ga e dusuc na V e edparu ma M To robon con le cuna cregnuse posterole. a) ~(4)= ~(47)= ~(87)=~(8-158) 8) T(A)= (AT)= (TA)= (T-1AT) 9 & A, CET, 2-12 T-1

CMgna na Samuca

Hera V e n-nepro n. upobo rage zu F u 9 & Kom V, u, w e V u kera e={eis," u f={fi}," ca fba dassuca kar V.

Hera U= 21 l1 + 2 l2 + + du lu = lle

W = Ju fi + /2 fo + - + /m fu = Wf

e > f = J! & e Hour V o de gled = foi somi => T = Te+f u s naprujame magerina na upersog er Sagrica & b of

=>

T(4)=f1= Tug+Tug++Tugh T(4)=f2= T129+T22 62+-+ Fne Gn

The time + Time + Time of the top of the form of the f

u e sonorre Teafarana u T= Tfore,

Верхо е и ображить, те У ображиля M, TGM(F), dofT +0 => 3 TO & MAP) е мабрица на прежу от базан в база T= (Eng)way = (fi fe fn) => & (li)=fo T= (Eng)way = (fi fe fn) => & (li)=fo con es e=festing 3 a n- nepro 1 uplo V near F tre 3!86 Kan V e adjavum u roralez Tu Ta sbebar ou pu magninga par uperaga so S. l=slos, 6 S. f=ssj. 16: Bana e pabencoboro: Ve = Te>s Vs Ve = & (Vs)

300. Ue = Tesf Uf Myp. We = Tesf Wf your Mage

(later of supported Margeff) Jusp upon esusus us Sasuca) Hera V e n-us a uples reag zou. F U l={leis," " f=fos," ca gon Sagues sol. Hera y E How V u y => A=Ae, S=B=Bg. loraba B=Bg=T-1AT=T-1AT, Kappens T= Tens e M. Ka upasoga ao di le BS.f. B=T-1AT 260; e > f => 3! 86 KomV of Decreen; E(lei)=fi, ish, u & e & T=Tenf 9 & B = (9(fi) ... y(fi)) = (Bis)4x4 KOGO 4(fg) = bij fit bej fet + brij fui j=1,4 u nera sa gen colonie c 2-1 by repriso pleo => T-1(8(fy)) = by T-1(f1)+-1+bnj E-6/2)

(2-18)(fi)=2-1(y(fi))= big 4++ buy ly T(li)=fi 48+(fi)=li => (8-10\$)(8(li)) = b1jG+ + by ly (3) (T-10 fot) (ev) = 61 j g + - + hy ly 8-188 = Bf fg E EST (C'SE T-1AT=B S = A) C'FE T-1

R=T-1AT)

R=+1-AT)

Mogodin marpusu Det: Kashanga she kh m A, Behalf) Ca vogodin u grazabane A~B, and Jadjanma n. # Te Ma(F), T. Te

B=T-1AT.

300 Axo ye KomV, don V=n u & uf ca gla S. M. VITO SZA "SZA KOLOO B=T-1 AT, KEGGOD T=Tess =) Bouren magpuyn ka egun muscess ong B n-M. N. uplao V ca mogoo 201. Вярко е и образного овердение. the Aco A, BE MulF), AND, TO FEEKOUN B don V=n u gla daguca e={es}," " f={filts na V, b pours y was nago ugu cook Show, ANB=> Foodparmma M. T, detT=0. => Jospann n. TE HowV: E(li)=fz-,
n=dion V Kagero fi ca benoop crandabere na K.T (4folea Mus =) { & ca crows dague na V) Torondon B=T-1ATITe=fi B=3 2

Cn: Rogos mos maganges (ANB) a) palsa gesepumani; 8) palsa pansoli; DBn: a) A~B, 3 DRAT: B=TAT det (TAT) = det T. det A. det T = = deft! deft. defA jun def tt. defA => defn = defA;8) ~(T-1AT)=~(A)=~(R)

AMOPHIBA Hera V, energ -sina V u 98 Kow! 4(as)= 60, v=1,23. Ven gorate a) kapensuses na 96 Han Vi ? 9 = He=A, y = Ba 6) areo Ue u Wa, U, W&V, TO ? g(u)e, g(w)e, g(u)a, g(w)a 6/15, xa Kers g) Besse (rosono A e l' report breg) 2(04,04,9)=3 def |2 | +0 2055, Ma Pers. a) {ass," e douse na V, 31.9 € Kom V: 8(00)= bi 10=13 Poismespeaue enegrisson CMY

9(u)e = Aue 9(u/a = Bua Y(W) = A We Y(W) = & Wa 6) Source now Kors = { WEV/4(W)=0-4 Kers: Ac= o u egra dep e Samu na Kers r) Ins=l(y(e), y(e), y(g)) = Same na Ting e egina MMBOD dea C-ma { y(a)}, g) 12022 = (T-1AT)2022 = t-lAIT-LAI- T-LAI = = T-IAITIAITIA-TT'AT= 4 Mens de repectuson A . 2