Ликейные пространства

D Tycπ6 L- u-bo 3u-το6 uro Soū πραροβα Κοτορώνε με δορφεια παχείε. βεκπορανια U οδοζη X, y, Z. Τιχίτ6 R- un-bo glūcπβ rucla Τιχίτ6 κα μη-βαχ Ly R onpeg 2 οπεραγια Κοτορώνε με παχείβ με κοπεραιμενικώ.

1-92 onepayer - Geonetice 2x July L, KOTOPAR KANGOU NOOPE FU-TOB X, GEL CTABELT B COOTGETCT BUE ZEL (Z-cymus X4 g)

2-2 onepayers - yundriener he-708 uz L ha ruged uz h, kotopar kangoung XEL u kangoung XER ctables E cootestor \overline{W}

Tyco gus trux nur onepageir bein

- 1) Kouling TOTUBROLTO GEOMERCHER $+\bar{x},\bar{y}\in L$ $\bar{\chi}+\bar{g}=\bar{y}+\bar{x}$
- 2) according ubroots acompared $X+(g+\overline{z})=(X+\overline{g})+\overline{z}$ + $X,\overline{g},\overline{z}\in L$ $X+(g+\overline{z})=(X+\overline{g})+\overline{z}$
- 3) F-e Hertpaubkozo Fu-Ta gua Cuomepella FOEL: #XEL O+X=X
- 4) $\exists -e \text{ upo} \exists \text{ ubonow } \exists \text{u-} \exists e \text{upo} \exists \text{ubonow} \exists \text{u-} \exists e \text{upo} \exists \text{ubonow} \exists \text{u-} \exists e \text{upo} \exists \text{ubonow} \exists$
- 5) npour Begenne →u-TOB uz L. Ha 1 +X EL X·1=X
- y) Darpusyrustro to ho recuren
- 8) Daupudyrubrio it 6 no begiropain

	pune	D61	JUH.	np-B
	1			

	1) V1 V2, V3 - MH-Ba C6050g BEKTOPOB
	hoqueou her-tu np-ba
	1) V, V2, V3 - MH-Ga C6050g BERTOPOE nprudic ne-ta np-ba 2) Mmn(R) - MH-BO MOT PLLY TURO MXN C De-Tourn Leg R
_	
	3) mn-bo bcen pemennie + ognopog CNAY
	4 мп-во всех непр. Ф-й на [а; 6]
	4) мп-во всех непр. ф-й на [a;b] (им всех дефр. ф-й на (a;b))
_	
_	5) MH-60 elles sources or ognoù repener.
_	Crenetic = V
	D Tycr6 L- MH. np-60.
	Cuxemon berropos & L nazbibaltal
_	
	Kompethen negropagor Kasop Bertopol
_	Mogciectement cuttende maz + racto
_	(nogun-bo) Tote certicelle
_	De Contour CONTOUR V. X 1 1 1111 110 Co.
	O Cuxena berropole XI,, XI Uz eun MP-Ba L Mazbibalta entrecerce
	Muzbicali (X Mineterie
_	20/10/20/20/20
_	3 abucunoù nezabucunoù
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_	un respublicae ellen. Komó pabn. O, T.C
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Cucreena bepropole X1. Ix el abre
ver 3abac un rezober (

X016 1 4z run 9bi ru 1 re abi un
un rond octaveren kontocarebrelen Cuegarous 1) Eun cut cour cogepment o, usu 3 aber C. nog cucreny, To ora zabucung 2) Eau {X1... Xn} rezabuc, To 1105ag nogenerana regalere 3) Earer Exi Xn} rescerac a bent g EL FOCHUL PENH. CECT QUA (X1. Xn) V (9 } TO THE Men relzabere Desucon all np-Ba-+ ynopagorenseal cut ena begropo takas, cro: 1) Fra mestera elle Hezablec 2) HIEL MONINO NPEG CTABLET 6 B BUGG Men Koon bekropol stole clectere 1) en en - men regalar 2) txEL: X= L, e, + ... + &nen (1) (1) - pazionencie Tho Eaguely B 100 Pg Copine. 3anumen (1) Tax: $\overline{X} = (e_1 ... e_n) \cdot (d_1 ... d_n)^T$ (2) (2) u (21) - pasuomenue B matpur bergo.

D Roopgh beat opa & Sa, uce un up-la L- 12036-The pagnomenus + 7620 beat opa no sagues			
Oδοzer X { X1 Xn} Bogerce e1 en			
Teopena (eguncacennouro pazuomenno rosanue):			
Pazioneria bentopa no Sazices Equocitoria			
enegerbere: κοορφω βεκτορα β δαμεία οπρεχ εдинеть. οδραζου			
Teopena (o meraquen Hag bekt & Koope popue)			
1) MPG + BERT UN KOOPGES B GARD JOSUCE CHILLEG. 2) MPG X - NEPCLIFEONIAROTCE KEOPGES			
De Pazerephort les np-la - make bozneomen. Iron-lo men rezabrec bantopolo			
Ecre Marc Kon-Bo eur rezalerc bentopos B um np-Be L			
Palko n T. e			
1) Frentera uz n men Frenzaber les pos			
2) + acrema u, n+1 Syget elle zabeec			
N-ueprol Secronerroueprol			
dim L=n dimL-0			
Teopena: 1) Ecree B men np-Be L I Jazac lez n Beridos,			
70 dimL=n 2) Eau dimL=n, TO + e20 SOSac COCTOUTGE			
h bektopob			

Матрица ПЕРЕХОДА

Tig στο L- h- περμος πη πρ-βο η ε=(e1...en), ε'=(e1...en) - 2 ραγκωι πο δαγμια L

Tycr6 ($e_1 = u_1 \overline{e}_1 + u_n \overline{e}_n$) $\vdots \qquad \qquad u_{uu}$ $(e_n' = u_1 \overline{e}_1 + ... + n_n \overline{e}_n)$

E max purpose Bage (li. dy)=(e, en) (un Un Un; Uny ume E = EUE=E1

Св-ва матриц перехода

1) det $U_{\varepsilon \to \varepsilon'} \neq 0 \Longrightarrow \exists (U_{\varepsilon \to \varepsilon'})^{-1}$ 2) $(le \rightarrow \epsilon) = le \rightarrow \epsilon$ 3) $le \rightarrow \epsilon' - le \rightarrow \epsilon'' = le \rightarrow \epsilon''$

Формицы преобраз коорду Векторов Tyers 1) XEL uneer K-TUX= (x1)
Boosuce E-(e1...en) (xn) $X = U_{\varepsilon - \varepsilon 1} X^{1} = U_{\varepsilon 1} - \varepsilon X$ noyar => X = EX (1) u E)= EU (=> EX) 1704 a aberce (3) 62 X = EU == (U == E'X) (4) CPOBRA 144, Buenes Egente TG Parionerra Tho E EX=E(4=>2)X) X = Ue >e'X