CMERIA HA JA34CA

Mexa umane e,-,en-Sasuc Ka V rog F u B,--, bn-gpyz Sasuc ka V в, = 2,1e,+-+ диен mozaba T=Te)-(в) = (81 ди-21 п Buzdin et-tannen e nampuya rea npexoga om (e) 6 (8) lann Ana--Ann

Choricomba:

- Manphyama na npexoga e objamura (Texte) T(B) -> (e)
- Baka ospamura mampuya e mampuya na
npexoga om Sasuca (e) Kongpyr

- 9KO UMAME 3 JASUCA (e), (a) 4 (b), Mampuyume Ka hpexoga padomem no cregnul Harrun: T, e, Q

 $Q_{(e)} \rightarrow (g)^{=} / (e) \rightarrow (e)$. $Q_{(a)} \rightarrow (b)$ $a = u \rightarrow b$

Arano witho fear mampinga rea mineries usospancemie, and uname $V = \lambda_1 e_1 + \dots + \lambda_n e_n = \mu_1 b_1 + \dots + \mu_n b_n$ $U = T(e) \rightarrow (e)$ moraba $T(\frac{\mu_1}{\mu_n}) = (\frac{\lambda_1}{\lambda_n})$

There g: V → V α αμανι δαзиси (e) α (β)

$$U = T(e) \rightarrow (β)$$
, $A - μανηριμα κα Υ επρενιο (β)$
 $U = T(e) \rightarrow (β)$, $A - μανηριμα κα Υ επρενιο (β)$
 $U = T(e) \rightarrow (β)$, $A - μανηριμα κα Υ επρενιο (β)$
 $U = T(e) \rightarrow (β)$, $A - μανηριμα κα Υ επρενιο (β)$
 $U = U = U = U$
 $U = U$

Hogodiu nampuyu

A, B = Mnxn(F)

A ~ B => FT = Mnxn(F) - oSpamuna

u B=T'AT

Cho ücmba: (perayul na ekbubarerumno cm)

- A~A

- A~B => 2~A

ArB u BrC => A~C

Note: 82134 $f_{A}(\lambda) = \det(A - \lambda E) - xapakmepucmuren nomunone$ also $A \sim B \Rightarrow f_{A}(\lambda) = f_{B}(\lambda)$ $A \sim xasamencmbo$: $\det(B - \lambda E) = \det(T'AT - \lambda E) = \det(T'AT - \lambda T'ET) = \det(T'AT - \lambda E) = \det(T'AT - \lambda E) \cdot \det(A - \lambda E) \cdot \det(A - \lambda E)$ $= \det(A - \lambda E)$