A; Fr - Fm (no vons.)

Fran ; Fr - g - h; Fm - fr, - fm - forman ETT: 11 cmom to 2p. -> A, A, - map. ben for enjerm. Somen, 40 kinch!  $e^{-1}G_{1} - G_{1} - G_{1}$ 1') conson (20 20 -) An | T' = Te' e' -> e, - e' -> e'

A= 
$$\begin{pmatrix} a_{ij} \\ b_{ij} \end{pmatrix}$$
  $\gamma(e_{i}) = \overline{Z} a_{ij} f_{i}$   
 $\gamma(e$ 

 $e^{i\eta} = \begin{cases} e_s & s \neq j \\ e_i + \lambda e_i & s = j \end{cases}$   $T_3' = T_e''' \qquad A_3' = AT_3'$ 

300. Da podem ungeren kom may. T T, (i, j) - porn. om i n j peg T'3 (L,j,) - - - - - - - - - - - - -T2 (i, )/ - ymm. hur i pryc )

T'\_2 (i, 1/ - your. 100 i co - c) Cl-lu 1) T, (i, i) - T, (i, i), onco m=n 2)  $(T_{i}(i,i))^{-1} = T_{i}(i,i)/(T_{i}(i,i))^{-2} = T(i,i)$  $\frac{3}{\left(T_{2}(i,i,k)\right)^{-1}} = T_{2}(i,i,k) \left(T_{2}(i,i,k)\right)^{-1} = T_{2}(i,i,k)$   $\frac{4}{\left(T_{3}(i,i,k)\right)^{-1}} = T_{3}(i,i,k) - \left(T_{3}(i,i,k)\right)^{-1} = T_{3}(i,i,k)$   $= T_{3}(i,i,k)$ 

Usery EN 100 peg. (ci.) mani gor a permising Eps ynu c odjainen nap. onvlo (orgeno) trongren eng vsbopmlere en ETT bly egnesurrun marg. - happeres a marg, ma EII, 305. 1) A EMN (FI - odpanna MET PA- WM; Eps ETT como os pepole (nevi)! Morren go sompring E (samp)?) => 3 T, - TK - METI: TK-TZT, A=E => A-1- T<sub>K</sub> - - T<sub>1</sub>

Momen gr minieg tpengram Tu-Ti=Tu--TiE, Tie. Tic--Tie may, overyeen you EII, ervic. he Ten I, ha E. Cxevu! (A(E) R (E/A-1) 2) AX=B; A-odpormm (X=A-13) TIL - TI. A = E -1 X = [K--1][S (A13) PU(E/A-13)

31 AX=B, A- openel. (A/B) & (A, (B) Toul AX=B (=) A, X=13, yenre one e A, que l'orsonomes (non-especielle (~ (mi-Muoro luyan)  $(A_{1}(B_{1}) = 0)$   $A_{1}$   $A_{2}$   $A_{3}$   $A_{4}$   $A_{5}$   $A_{7}$ 

conjunct Un-excel

(EB2) & B2 - une tropomery => B2 - 4 pen 1- Ax=B A ~A1 c corpum. 4) ETI or pegole (common on Somer on Fm) (common on Fm) rr(A/-rr(A,) (rc(A)=rc(A,)) 5) XA = B;  $\left(\frac{A}{B}\right)$   $\left(\frac{A}{B}\right)$ XA, =B7 Ho bon ga apolin onen hype is clam gover ETT wo pegoli

Dyon Josepoleska Dip V-hII very Fi V\* = Hom (V, F) - gyomo sporg. men V 3ud. V\*EV - pgregnoven ( menin) 3m5. SmV-1 dm Kan (V, F)=n.1=n, T.e. NE e NT u den V=u ONE V-KMNTT v en en - Some non V Someent e su i=1\_h har V ce

Hopera gyvær dome ha king, en o  $e^{2}(e_{j}) = \delta_{ij} - \delta_{ij}$ 305. E, en ca equos weres sopregenen ( vrogenger Some Och Cercityen/ The e', and - down our our V.  $3u\delta\left(\frac{2}{2}\lambda^{i}e^{i}\right)\left(\frac{2}{2}\lambda_{i}e_{i}\right)=Z\lambda^{i}.e^{i}\left(Z\lambda_{i}e_{i}\right)^{-1}$  $= \sum_{i} \lambda^{i} Z \lambda_{i} e^{i}(e_{i}) = Z \lambda^{i} \lambda_{i} \delta_{ij} = \sum_{i=1}^{n} \lambda^{i} \lambda_{i}$ 

2-6, m TC. 1/ 1 M Heren Z / 2 = 0 = 0 + = 0 + ( HVEV O (VI = 0 = 0) 3 as (Cn. or 3 ms.)  $-\left(\sum_{i}^{\lambda} e^{i}\right) (e_{i}) = \lambda^{t}$   $-\left(\sum_{i}^{\lambda} e^{i}\right) (e_{i}) = \lambda^{t}$   $-\left(\sum_{i}^{\lambda} e^{i}\right) (e_{i}) = \lambda^{t}$  $\frac{1}{0-1} \frac{\partial^{*}(e_{j})}{\int_{0}^{\infty} 1-1} \left(\frac{n}{2} + \frac{i}{2} e^{i}\right) \left(\frac{e_{j}}{1-1} + \frac{i}{2} e^{i}\right) \left($ =1 e'\_, e n/

2) 
$$V^{\dagger} = \mathcal{L}(e^{i}, \neg e^{n})$$
 $v^{\dagger} \in V^{\dagger}$ 
 $v^{\dagger} := v^{\dagger}(e_{i})$ 
 $v^{\dagger} := v^{\dagger}(e_$ 

Go. 
$$V^* \in V^*$$
,  $V \in V$ ,  $e, \neg e, \neg e, \neg e, \neg e$ 

$$e'_{1} = e^{n} - \text{gyonom Some and } e_{1} - e_{1}$$

$$V^* = \sum_{i=1}^{n} i e^{i} \quad v = \sum_{i=1}^{n} \lambda_{i} e^{i} \quad \text{Touch}$$

$$1/V^* (V) = \sum_{i=1}^{n} \lambda_{i}^{i} \lambda_{i}$$

$$2/e^{i}(V) = \lambda_{i}$$

3)  $V^{*}(e_{i}) = \lambda^{i}$  $3 = \sum_{i=1}^{n} (c_{i}) \int_{-\infty}^{\infty} dx = \lambda^{i}$