$$V = \sum_{i=1}^{2} \lambda_{i} c_{i}$$

$$V =$$

$$Y_{v}: F \rightarrow V \qquad M_{l(r_{v})}^{e} = \begin{pmatrix} \lambda_{l} \\ \lambda_{n} \end{pmatrix} = \lambda$$

$$M_{l}^{f}(Y_{v}) = \begin{pmatrix} \mu_{l} \\ \mu_{n} \end{pmatrix} = M$$

$$M_{l}^{e}(Y_{v}) = T_{l}^{f} \qquad M_{l}^{e}(id_{v}) = T_{l}^{e}$$

$$\delta d_{v}: V \rightarrow V$$

$$\delta i \mapsto \delta i$$

$$M_{l}^{e}(id_{v}) \circ Y_{v} = M_{l}^{e}(Y_{v}) = \lambda$$

$$M_{l}^{e}(id_{v}) \cdot M_{l}^{f}(Y_{v}) = T_{l}^{f} M$$

$$\lambda = T_{l}^{e} M$$

 $\lambda = T_e^t \mu : \mu = (T_e^t)^{-1} \lambda = T_e^t \lambda$ 300 Tophrie topograme en tom 30 commenter har bookers TE YEHOW (U,V) en en jein en - Saman en U 5, _ fi _ fi _ oma un V Méi (4) = Méi (idro40 idr) = Méi(idr) Mét(4). . Mé. (idu) = Tf. . Mé (4). Te'=(Tf) Méle) Te

U Edy U Ps V odvs V uhV Jud. get. (ei 1-2 ei) (fi han fi Fos. e' & f e-id, o e o idu 305. A = Me (4); 13 = Me, (4) } S=Tee'; T=TL => / /3 = T - / A S] 305 (za ouegorope) ! E Kon V; e, - Si, fi, - In-Sona A=Me(4); B=Mf(7); T=Te=1) B=T-1AT

TE & EHO-(U,V), u EU, V= & (U) EV en en - Some na U; timber - Same nur V $A = M_{e}^{f}(e); M_{e}^{f}(q_{u}) = 3; M_{f}^{f}(v) = n$ $K_{m}(F, u) \qquad K_{m}(F, v)$ $(3 = {\binom{5}{7}}, 2 = {\binom{5}{2}}, u = \sum_{i=1}^{n} {\binom{5}{i}} e_{i}, v = \sum_{i=1}^{n} {\binom{5}{2}} e_{i}$ Torda n = A3 35. 3 G Fnx1, 2 G Fmx1, A G Fmxn D-60

TE
$$\varphi \in \mathcal{H}_{\infty}(u, V)$$
; $u_1 \leq u_1, V_1 \leq V$

$$\begin{cases}
\Psi | u_1 \in \mathcal{H}_{\infty}(u_1, V_1) \\
\Psi | u_2 \in \mathcal{H}_{\infty}(u_1) \\
\Psi | u_3 \in \mathcal{H}_{\infty}(u_1)
\end{cases}$$

$$\begin{cases}
\Psi | u_1 \in \mathcal{H}_{\infty}(u_1) \\
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305. 30 i=1, k 4(li)(=V,=l(fp,-,frc) $Y(e_i) = \sum_{j=1}^{m} a_{ji} t_j = \sum_{j=1}^{m} a_{ji} t_j$ (A=(az)/) TB & EHM (U,V), U=U, +U, , V=V,+U2 4/u, EHom (u, V1), 4/u, EHom (u2, V2) en er - 5. be U1 ; er 11 , on - 5. be U1 fr. - fg - 5 mm V1, fg+1 m fm -). mm V2 A=M& (4), A=M& (4/u,), A=M& (4/u,)

Toula A = (A1/D) Cn. U=U, Duz, V=V1 +V2 305. Topmo y a voisonstant, por e Como TC U=U, DU2; 4 CHa-(U, V), 4 CHa-(U2, V) Toron 3,0: | D/u,=4 D-60 en-en-S. hor U, Cec+1 men - S. ben Uz (en-en-S. hor U) down yer θ ; $|\theta(e_i) = \varphi(e_i)$ $|\theta(e_i) = \varphi(e_i)$ 1=1,71 i=k+1, -, h =1 F! Tralle of

Jypo, od so pour u gepers tra MU. Teapen 30 pour a geferso OTP YEHOM (U,V) Kere= hu Eu | e/u/= du / eggo Lor 14 q Im 9 = 9 VEV | Fu Gu: 4(u) = 04 00/05 cm 4 300. Im 9 = 19(a)/a GU7 = 4(U) 3 act. Kery CU, Ing EV Te(3 m ymp.) Kere EU, Imt EV

Day r(41=dim Im P pour me 9 geperer 170 9 d (41 = dim Kert Teopera sa poma a geforen 9 G Hom (U,V) (U,V-KMUTT) Toolor [r(4)+1(4)=dom U] D-60 Ringer-Some in Kerre U (=) S(4)=1c)

Dour whom yo Some engering no U (-) Simlend Tpeden gu gon, re V (4) = n-16

ly gove, re, e(ext), -, e(en), c Dome on Imp 1. Nopon gongo Mana. V E Im 9 => Ju E U: 9(u) = U $J_{\lambda_i}: U = \sum_{i=1}^n J_i e_i$ $V = \gamma(u) = \gamma(\sum_{i=1}^{n} \lambda_i c_i) = \sum_{i=1}^{n} \lambda_i \gamma(c_i) = \sum_{i=1}^{n} \lambda_i \gamma(c_i)$ $\overline{z} = 1$ $\overline{z} = 1$ $\overline{z} = 1$ =) VE (((ex)), ~ ((cn)) => Im 7 = e(((ex)), -> (en))

300. 8 6 tem (U,V); an a - Some bu U [=] Im 4 = e (4(4), -, 4 (en)) 2. NH-Keren di: Z di l(lei) = 0 v I=K+1 =) $\varphi\left(\sum_{i=k+1}^{n}\lambda_{i}c_{i}\right)=\partial_{v}=\sum_{i=k+1}^{n}\lambda_{i}c_{i}C_{i}C_{k}$ =) Jli: Zlie: =Zliei (9-0me - Some i=ke, i=1

ho kere)

=)
$$\sum_{i=1}^{k} (ie_i + \sum_{i=k+1}^{n} (-\lambda_i)e_i = 0$$

 $\sum_{i=1}^{n} (ie_i + \sum_{i=k+1}^{n} (-\lambda_i)e_i = 0$
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