ZJU Summer Camp

Proj(h) or - Proj(t) or t,h,r,rtec[证明反东隐一维] Proj(·)仅在任意性关系或效,在基 它关系中不适处,退化天6: hort - torT 1. Symmetry/Anti-Symmetry  $(e_{1}, r, e_{2})$   $(e_{2}, r, e_{1})$ e, or H= exorT exorH=e, or T 西式和東,得 (e, orH) = (e, orT) = (e, orT) > rHorH=rTorT

DE TONT

2. Inversion (ez, rz, e1) (e, r, ez) ezor=e,0121 e, orH = ezorT 两式和苹绿: LHOLH = LLOW 3. Composition (e, r, er) (e, r, er) (e, r, er) eiorit ezorit ezorzt = ezorzt e, or3H = e3 or37 三式和犀锋;

ritoritoritoritoritoritoritorit

4. Subrelation  $(h,r_1,t) \longrightarrow (h,r_2,t)$ example: 父弟(h,t) → 孟人(h,t)(分好: Score(多人)>Score(久幸) horH=torT horzH=torzT  $\frac{h}{t} = \frac{r_1^T}{r_1^H} = \frac{r_2^T}{r_1^H} = \alpha$   $\frac{h}{r_1^T} = \frac{r_2^T}{r_1^H} = \alpha$   $\frac{h}{r_1^T} = \frac{r_2^T}{r_1^H} = \alpha$   $\frac{h}{r_1^T} = \frac{r_2^T}{r_1^H} = \alpha$ fr2(h,t)-fr(h,t) 1xty 5 2 - 11 hort - tors 11 + 11 hort - hor, 7) = | hort - torT | - | | \ao(hort - hort) |

据和《月月万

>0

5. Multiple

ie[I,N] (h, ri,t)

horiH=toriT

horiH=K

6. Iransitivity e, re, er en erorH=(erorT=ezorT= == exorT) (erorH=esorT= = = enorT) en-10 rH = (enor) tot i ei ort=ejorT icj 由田得 由回辞 ei=ej THE RIT 力以拉着 Pro(h) orH-Pro(t) orT = Mo[x] · rH - Mo[m] · rT Mo[g]=Mo[m] 有无多多独辞

六 沙正骂

1.1-N Ch, r, St) St={t1, ..., tx} 1/hort-tior / / < } 人和国上的意 In tior room Your WYOLENIST. THO 并活的的港色区域 m to