c) version 2. { TEd(v,w): Tu: 0 for every u = U } C range [Let TE & TEd (v, w): Tu: O for evary u & U }. want to show I 6 range [ie there exists $\Gamma: \mathcal{L}(V/V, W) \rightarrow \mathcal{L}(V, W)$ by $\int S \in \mathcal{L}(V/V, W)$ V (5) = 5 0 th. c SoTI = T. ▶ By 3 ≥ 18 we know that given any TELCV,WI, Tly) = 0 for all uEU, there exists such that sottay. Thus y E range 1, range r = { TEd(v, w): Tu: 0 for every u = u } >> given T ∈ range Γ, T=SON we want to show TEX(V, w) (true by definition) and Tu=0 for every uf U. This is true by 3518, as such T exists iff U C null T