Reducable Taskset Assume Show: I(_, FoFs) & TS, f. F = (FINISHf) 1 I(f, Fs') & TS

ID-ordering: (Well-Formalnus) V F = (FINISHf) VF = (FINISHf) (1) $\forall (f,kFoFs) \in TS. F = \langle FINISH f' \rangle \rightarrow f \langle f'$ 1D- uniqueness: ∀ T, T' ∈TS. T≠T', T=(-,-, ⟨FINSH f)o_) ∧ T'=(-,-, ⟨FINISH f') o_) -> f≠f' (2) TS JØ 1 TS finite Proof by contradiction: Assume Y(_,_FoFS) &TS. 3f. F = (FINISHf) 13(f,FS') &TS YTETS. 3 T'ETS, f, j. (f,,-)=T, (g,-,-)=T' 1 f < g by", (1) y Contradiction: (1),(2) implies that a maximal element exist in TS