Lemma. There is a *covariant functor* Π_f : **DP** \rightarrow **UPos** which maps: 1. An object (poset) in **DP** to the same object (poset) in **UPos**.

2. A morphism dp $\in \operatorname{Hom}_{DP}(F; \mathbb{R})$ to the morphism $f \in \operatorname{Hom}_{UPos}(F; \mathbb{R})$,

where:

 $f: \mathbf{F} \to_{\mathbf{Pos}} \mathcal{U} \mathbf{R}$

 $f \mapsto \{r \in \mathbb{R} \mid dp(f, r) = T\}.$