

$$\leq \rightarrow \text{Fin} : \forall \{m\ n\} \rightarrow m \leq n \rightarrow \text{Fin} (\text{suc } n)$$

$$\leq \rightarrow \text{Fin} \ z \leq n = \text{fzero}$$

$$\leq \rightarrow \text{Fin} \ (s \leq s \ p) = \text{fsuc} (\leq \rightarrow \text{Fin} \ p)$$