

finite-type^{0,22}

$\text{finite-type}(T) \equiv_{\text{def}} \exists n:\mathbb{N}, f:(\mathbb{N}_{<n} \rightarrow T). \text{Surj}(\mathbb{N}_{<n}; T; f)$

clarification:

$\text{finite-type}(T) \equiv_{\text{def}} \exists n:\mathbb{N}, f:(\{0..n^-\} \rightarrow T). \text{Surj}(\{0..n^-\}; T; f)$