

choicef^{12,41}

$\in x:T. P(x) \equiv_{\text{def}} \text{case } xm(\{y:T \mid P(y)\}) \text{ of } \text{inl}(z) \Rightarrow z \mid \text{inr}(w) \Rightarrow \text{"???"}$

clarification:

$\text{choicef}(xm; T; x.P(x)) \equiv_{\text{def}} \text{case } xm(\{y:T \mid P(y)\}) \text{ of } \text{inl}(z) \Rightarrow z \mid \text{inr}(w) \Rightarrow \text{"???"}$