

exists_functionality_wrt_implies^{12,41}

$\forall S, T:\text{Type}, P, Q:(S \rightarrow \mathbb{P}).$

$$(S = T) \Rightarrow (\forall x:S. \{P(x) \Rightarrow Q(x)\}) \Rightarrow \{(\exists x:S. P(x)) \Rightarrow (\exists y:T. Q(y))\}$$

ProofTree