

do-apply-p-co-restrict^{11,40}

$\forall A, B:\text{Type}, f:(A \rightarrow (B + \text{Top})), P:(A \rightarrow \mathbb{P}), p:(\forall x:A. \text{Dec}(P(x))), x:A.$

$(\uparrow \text{can-apply}(p\text{-co-restrict}(f;p);x)) \Rightarrow (\text{do-apply}(p\text{-co-restrict}(f;p);x) = \text{do-apply}(f;x) \in B)$

ProofTree