

## **do-apply-p-co-filter**<sup>11,40</sup>

$\forall T:\text{Type}, P:(T \rightarrow \mathbb{P}), f:(\forall x:T. \text{Dec}(P(x))), x:T.$

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

ProofTree