

can-apply-fun-exp-add-iff^{11,40}

$\forall A:\text{Type}, n, m:\mathbb{N}, f:(A \rightarrow (A + \text{Top})), x:A.$

$(\uparrow \text{can-apply}(f^{\wedge n+m};x)) \iff ((\uparrow \text{can-apply}(f^{\wedge m};x)) \ \& \ (\uparrow \text{can-apply}(f^{\wedge n};\text{do-apply}(f^{\wedge m};x))))$

ProofTree