can-apply-fun-exp-add[11,40]

$\forall A$:Type, n, m:$\mathbb{N}$, f:($A \to (A + \text{Top})$), x:A.
(↑can-apply($f\hat{}n+m;x$))
⇒ {(↑can-apply($f\hat{}m;x$))
  & (↑can-apply($f\hat{}n$;do-apply($f\hat{}m;x$)))
  & do-apply($f\hat{}n+m;x$) = do-apply($f\hat{}n$;do-apply($f\hat{}m;x$)) ∈ A}

ProofTree

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http://www.nuprl.org/FDLcontent/p0_963683_/p35_1185478_{can-apply-fun-exp-add}.html