Inference at $*$ 2
of proof for Lemma can-apply-fun-exp-add-iff:

1. $A$ : Type
2. $n$ : $\mathbb{N}$
3. $m$ : $\mathbb{N}$
4. $f$ : $A \rightarrow (A + \text{Top})$
5. $x$ : $A$
6. (↑can-apply($f\hat{}m$;$x$)) & (↑can-apply($f\hat{}n$;do-apply($f\hat{}m$;$x$)))

⊢ ↑can-apply($f\hat{}n+m$;$x$)
by InteriorProof ((RWO "p-fun-exp-add" 0)
CollapseTHENA (Auto·))·

1:

⊢ ↑can-apply($f\hat{}n$ o $f\hat{}m$ ;$x$)
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