Inference at $*$ 1
of proof for Lemma p-fun-exp-add-sq:

1. A : Type
2. f : $A \rightarrow (A + \text{Top})$
3. x : A
4. n : $\mathbb{N}$
5. $\uparrow$can-apply($f\hat{}0$;x)

$\vdash (f\hat{}n+0(x)) \sim (f\hat{}n(\text{do-apply}(f\hat{}0;x)))$

by (((RepUR "p-fun-exp do-apply" (0)·)
CollapseTHEN (Fold 'p-fun-exp' 0)·)

CollapseTHEN (RepUR "p-id" (0)·)·)
CollapseTHEN (((UnivCD)
CollapseTHENA (Auto·)
·)
CollapseTHEN ((ProveSqEq)
CollapseTHEN (Auto·)·)·)·

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