

Inference at *
of proof for Lemma do-apply-compose:

$\vdash \forall A, B, C:\text{Type}, g:(A \rightarrow (B + \text{Top})), f:(B \rightarrow (C + \text{Top})), x:A.$
 $(\uparrow \text{can-apply}(f \circ g ; x)) \Rightarrow (\text{do-apply}(f \circ g ; x) \sim \text{do-apply}(f; \text{do-apply}(g; x)))$
by ((UnivCD)
CollapseTHENA (Auto·.)
CollapseTHEN ((MoveToConcl (-1))

 CollapseTHEN ((RepUR “do-apply can-apply p-compose“ (0)·)
CollapseTHEN (((
 GenConclAtAddr [1;1;1;1;1])
CollapseTHENA (Auto·.)
CollapseTHEN ((D (-2)·)

 CollapseTHEN ((Reduce 0)
CollapseTHEN (Auto·.)·)·)·)·

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