Inference at ∗
of proof for Lemma p-compose-inject:

⊢∀A, B, C:Type, g:(A→(B + Top)), f:(B→(C + Top)).
p-inject(A;B;g) ⇒ p-inject(B;C;f) ⇒ p-inject(A;C;f o g)
by (Auto·)
CollapseTHEN ((All (Unfold ‘p-inject‘))
CollapseTHEN ((Auto·)

CollapseTHEN (((RWO ”do-apply-compose” (-1))
THEN (Auto·)·)
CollapseTHEN ((
(RepeatFor (first_nat 2:n) ((FLemma ‘can-apply-compose‘ [-3])
CollapseTHENA (Auto·)·))
·)
CollapseTHEN (((FHyp 7 [-3])
CollapseTHENA (Auto·)·)
CollapseTHEN ((FHyp 6 [-1]
)
THEN (Auto·)·)·)·)·)·)·

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