

Inference at \* 1

of proof for Lemma p-conditional-to-p-first:

1.  $A : \text{Type}$

2.  $B : \text{Type}$

3.  $f : A \rightarrow (B + \text{Top})$

4.  $g : A \rightarrow (B + \text{Top})$

5.  $x : A$

$\vdash [f?g](x) = \text{p-first}([f; g])(x)$

by ((RepUR “p-conditional p-first can-apply“ 0)

CollapseTHEN (((((

GenConclAtAddr [2;1;1])

CollapseTHENA (Auto·))·)

CollapseTHEN (((D (-2)·)

CollapseTHEN (((Reduce 0)

CollapseTHEN (Auto·))·))·))·

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