

Inference at * 1 1
of proof for Lemma p-fun-exp-add1-sq:

1. $A : \text{Type}$
 2. $f : A \rightarrow (A + \text{Top})$
 3. $x : A$
 4. $\uparrow \text{isl}(f(x))$
- $\vdash (f \circ \text{p-id}() (x)) \sim (\text{p-id}()(\text{outl}(f(x))))$
by RepUR “p-id p-compose do-apply can-apply“ (0).

1:

$$\vdash (f(x)) \sim (\text{inl } \text{outl}(f(x)))$$

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