

Inference at * 1 2 1
of proof for Lemma p-fun-exp-add1-sq:

...truecase.... NILNIL

1. $A : \text{Type}$
 2. $f : A \rightarrow (A + \text{Top})$
 3. $x : A$
 4. $\uparrow \text{isl}(f(x))$
 5. $n : \mathbb{Z}$
 6. $0 < n$
 7. $(\text{primrec}(n - 1; f \circ \text{p-id}() ; \lambda i, g. f \circ g)(x))$
 \sim
 $(\text{primrec}(n - 1; \text{p-id}(); \lambda i, g. f \circ g)(\text{outl}(f(x))))$
 8. $n = 0$
- $\vdash (f \circ \text{p-id}() (x)) \sim (\text{p-id}()(\text{outl}(f(x))))$
by Auto'

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