

Inference at * 1
of proof for Lemma primrec_add:

1. $T : \text{Type}$
 2. $m : \mathbb{N}$
 3. $b : T$
 4. $c : \{0..(0+m)^-\} \rightarrow T \rightarrow T$
- $\vdash \text{primrec}(0+m;b;c) = \text{primrec}(0;\text{primrec}(m;b;c);\lambda i,t. c(i+m,t))$
by Reduce 0

1:

$$\vdash \text{primrec}(0+m;b;c) = \text{primrec}(m;b;c)$$

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