

Inference at * 1 0 3

of proof for Lemma eq_int_cases_test:

.....assertion..... NILNIL

1. $A : \text{Type}$

2. $x : A$

3. $y : A$

4. $P : A \rightarrow \mathbb{P}$

5. $i : \mathbb{Z}$

6. $j : \mathbb{Z}$

7. $P(\text{if } (i =_0 j) \text{ then } x \text{ else } y \text{ fi})$

8. $\mathbb{B} \in \text{Type}$

9. $(i =_0 j) \in \mathbb{B}$

$\vdash \forall bb:\mathbb{B}. ((i =_0 j) = bb) \in \text{Type}$

by ($\backslash p.\text{At } (\text{get_term_arg } 'UA' p) (D\ 0) p$)

1:

10. $bb : \mathbb{B}$

$\vdash ((i =_0 j) = bb) \in \text{Type}$

2:wf..... NILNIL

$\vdash \mathbb{B} \in \text{Type}$

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