Inference at $*$ 1 0 3
of proof for Lemma eq_int_cases_test:

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

1. A : Type
2. x : A
3. y : A
4. P : $A \rightarrow \mathbb{P}$
5. i : $\mathbb{Z}$
6. j : $\mathbb{Z}$
7. P(if $(i =_0 j)$ then x else y fi)
8. $\mathbb{B} \in$ Type
9. $(i =_0 j) \in \mathbb{B}$

$\vdash \forall bb{:}\mathbb{B}.\ ((i =_0 j) = bb) \in$ Type
by (\p.At (get_term_arg 'UA' p) (D 0) p)

1:

10. bb : $\mathbb{B}$

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

2: . . . . .wf. . . . . NILNIL

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

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