Inference at $*$ 1 0 4 1 3
of proof for Lemma eq_int_cases_test:

.....wf..... 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. $(i =_0 j) \in \mathbb{B}$
10. $\forall bb{:}\mathbb{B}.\ ((i =_0 j) = bb) \in$ Type
11. bb : $\mathbb{B}$

$\vdash((i =_0 j) = bb) \in$ Type
by ((MemCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n
)) (first_tok :t) inil_term)))·

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