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

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. bb : $\mathbb{B}$

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

 1: .....subterm..... T:t1:n

  $\vdash \mathbb{B} \in$ Type
 2: .....subterm..... T:t2:n

  $\vdash (i =_0 j) \in \mathbb{B}$
 3: .....subterm..... T:t3:n

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