

Inference at * 1 1 3
of proof for Lemma decidable__atom_equal:

.....subterm..... T:t3:n

1. $a : \text{Atom}$
2. $b : \text{Atom}$
3. $a = b$
 $\vdash (\text{inl } Ax) \in ((a = b) \vee (\neg(a = b)))$
by MemberEqCD

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

$\vdash Ax \in (a = b)$
2:eq aux..... NILNIL

$\vdash (\neg(a = b)) \in \text{Type}$

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