

Inference at * 1 1 4 1 2
of proof for Lemma decidable_atom_equal:

....eq aux.... NILNIL

1. a : Atom

2. b : Atom

3. $\neg(a = b)$

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

by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)

.