

Inference at * 1 1 3 2

of proof for Lemma decidable_atom_equal:

....eq aux.... NILNIL

1. $a : \text{Atom}$

2. $b : \text{Atom}$

3. $a = b$

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

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

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