

Inference at *
of proof for Lemma eq_atom_eq_false_elim:

$\vdash \forall x, y:\text{Atom}. (x =_a y = \text{ff}) \Rightarrow (\neg(x = y))$
by ((UnivCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))

1:

1. $x : \text{Atom}$
 2. $y : \text{Atom}$
 3. $x =_a y = \text{ff}$
- $\vdash \neg(x = y)$

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