

Inference at *
of proof for Lemma neg_assert_of_eq_atom:

$\vdash \forall x, y: \text{Atom}. (\neg(x = y)) \iff x \neq y \in \text{Atom}$

by InteriorProof (((UnivCD)

CollapseTHENM (RWH(LemmaC 'assert_of_eq_atom' 0)).)

CollapseTHENA ((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. $y : \text{Atom}$

$\vdash (\neg(x = y)) \iff x \neq y \in \text{Atom}$

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