Inference at $*$
of proof for Lemma eq_atom_eq_false_elim:

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

1:

1. x : Atom
2. y : Atom
3. $x =_a y = \mathrm{ff}$

$\vdash \neg(x = y)$

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_86468_{eq_atom_eq_false_elim}.html