Inference at $*$ 1 1 1
 of proof for Lemma stable_function_equal:

1. A : Type
2. B : Type
3. f : $A \to B$
4. g : $A \to B$
5. $\forall x{:}A.\ (\neg\neg(f(x) = g(x))) \Rightarrow (f(x) = g(x))$
6. $\neg\neg(f = g)$
7. x : A

$\vdash \neg\neg(f(x) = g(x))$
 by ((D 0)
 CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
 )) (first_tok :t) inil_term)))·

 1:

 8. $\neg(f(x) = g(x))$
 $\vdash$ False
 .