Inference at $*$ 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

$\vdash f(x) = g(x)$
 by ((BackThruHyp 5)
 CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n
 ),(first_nat 4:n)) (first_tok :t) inil_term)))·

 1:

 $\vdash \neg\neg(f(x) = g(x))$
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