

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

```

1. A : Type
2. B : Type
3. f : A → B
4. g : A → B
5. ∀x:A. (¬¬(f(x) = g(x))) ⇒ (f(x) = g(x))
6. x : A
7. ¬(f(x) = g(x))
8. f = g
⊢ False
  by ((D 7)
CollapseTHENM ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 1000:n)
)) (first_tok :t) inil_term)))
1:
    7. f = g
    ⊢ f(x) = g(x)
.

```