

Inference at * 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. ¬¬(f = g)
7. x : A
⊢ f(x) = g(x)
  by ((BackThruHyp 5)
    CollapseTHEN (Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 4:n)) (first_tok :t) inl_term)))

```

1:

⊢ ¬¬(f(x) = g(x))

.