

Inference at * 1 1 2
of proof for Lemma fun_with_inv_is_bij:

```

1. A : Type
2. B : Type
3. f : A → B
4. g : B → A
5. (g ∘ f) = Id{A}
6. (f ∘ g) = Id{B}
7. b : B
⊢ ∃ a:A. (f(a) = b)
  by ((With g(b) (D 0))
    CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 3:n)) (first_tok :t) inil_term))))

```

1:

⊢ f(g(b)) = b

.