

Inference at *
of proof for Lemma fun_with_inv_is_bij:

$\vdash \forall A, B:\text{Type}, f:(A \rightarrow B), g:(B \rightarrow A). \text{InvFuns}(A;B;f;g) \Rightarrow \text{Bij}(A;B;f)$
by ((UnivCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term))).

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1. $A : \text{Type}$
 2. $B : \text{Type}$
 3. $f : A \rightarrow B$
 4. $g : B \rightarrow A$
 5. $\text{InvFuns}(A;B;f;g)$
- $\vdash \text{Bij}(A;B;f)$

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