

Inference at * 2
of proof for Lemma bij_iff_1_1_corr:

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1. A : Type
2. B : Type
3.  $\exists f:A \rightarrow B. \exists g:B \rightarrow A. \text{InvFuns}(A;B;f;g)$ 
 $\vdash \exists f:A \rightarrow B. \text{Bij}(A;B;f)$ 
  by ((((((D 3)
    CollapseTHEN (D 4)).)
    CollapseTHEN (With f (D 0))).)
    CollapseTHEN (
      (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).
1:
  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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