

Inference at * 1 1
of proof for Lemma fun_thru_spread:

1. $A : \text{Type}$
 2. $B : A \rightarrow \text{Type}$
 3. $x : A$
 4. $y : B(x)$
 5. $C : \text{Type}$
 6. $D : \text{Type}$
 7. $f : C \rightarrow D$
 8. $b : x:A \rightarrow B(x) \rightarrow C$
- $\vdash f(b(x,y)) = f(b(x,y))$
by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)