

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)

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