Inference at $*$ 1
of proof for Lemma fun_thru_spread:

1. A : Type
2. B : A→Type
3. p : x:A × $B(x)$
4. C : Type
5. D : Type
6. f : C→D
7. b : x:A→$B(x)$→C

⊢ f(let x,y = p in $b(x,y)$) = let x,y = p in $f(b(x,y))$
by ((New ['x';'y'] (D 3))
CollapseTHEN (AbReduce 0))·

1:

3. x : A
4. y : $B(x)$
5. C : Type
6. D : Type
7. f : C→D
8. b : x:A→$B(x)$→C

⊢ $f(b(x,y))$ = $f(b(x,y))$

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