

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))
.

```