

Inference at *
of proof for Lemma spread_to_pi12:

$\vdash \forall A:\text{Type}, B:(A \rightarrow \text{Type}), p:(x:A \times B(x)), C:\text{Type}, b:(x:A \rightarrow B(x) \rightarrow C).$
 let $x,y = p$ in $b(x,y) = b(p.1,p.2)$
 by ((UnivCD)
 CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

1:

1. $A : \text{Type}$
 2. $B : A \rightarrow \text{Type}$
 3. $p : x:A \times B(x)$
 4. $C : \text{Type}$
 5. $b : x:A \rightarrow B(x) \rightarrow C$
- $\vdash$ let $x,y = p$ in $b(x,y) = b(p.1,p.2)$
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