

Inference at *
of proof for Lemma pi2_wf:

$\vdash \forall A:\text{Type}, B:(A \rightarrow \text{Type}), p:(a:A \times B(a)). (p.2) \in B(p.1)$
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. $p : a:A \times B(a)$
- $\vdash (p.2) \in B(p.1)$
- .