Inference at $*$ 1
 of proof for Lemma pi1_wf:

1. A : Type
2. B : A→Type
3. p : a:$A \times B(a)$

$\vdash (p.1) \in A$
 by ((Unfold ‘pi1‘ 0)
 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
 ),(first_nat 3:n)) (first_tok :t) inil_term)))·

 .