

Inference at * 1 1 1 1 1 1
of proof for Lemma ax_choice:

1. $A : \text{Type}$
2. $B : \text{Type}$
3. $Q : A \rightarrow B \rightarrow \mathbb{P}$
4. $g : x:A \rightarrow y:B \times Q(x,y)$
5. $x : A$
6. $y_1 : B$
7. $y_2 : Q(x,y_1)$
8. $\langle y_1, y_2 \rangle = g(x)$

$\vdash Q(x, \langle y_1, y_2 \rangle.1)$
by ((AbReduce 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
4:n)) (first_tok :t) inil_term)))
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