

Inference at *
of proof for Lemma and_functionality_wrt_implies:

$\vdash \forall P_1, P_2, Q_1, Q_2 : \mathbb{P}. \{P_1 \Rightarrow P_2\} \Rightarrow \{Q_1 \Rightarrow Q_2\} \Rightarrow \{(P_1 \ \& \ Q_1) \Rightarrow (P_2 \ \& \ Q_2)\}$
by (((Unfold 'guard' 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
), (first_nat 3:n)) (first_tok :t) inil_term))))
CollapseTHEN (HypBackchain)).