

Inference at *
of proof for Lemma all_functionality_wrt_iff:

$\vdash \forall S, T:\text{Type}, P, Q:(S \rightarrow \mathbb{P}).$
 $(S = T) \Rightarrow (\forall x:S. P(x) \iff Q(x)) \Rightarrow ((\forall x:S. P(x)) \iff (\forall y:T. Q(y)))$
by InteriorProof (((GenUnivCD)
CollapseTHENM (HypBackchain)).)
CollapseTHEN (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok
:t) inil_term))).