

Inference at *
of proof for Lemma decidable_iff:

$\vdash \forall P, Q : \mathbb{P}. \text{Dec}(P) \Rightarrow \text{Dec}(Q) \Rightarrow \text{Dec}(P \iff Q)$
by ((Repeat (Unfolds “iff rev_implies“ 0))
CollapseTHEN ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))