

Inference at *
of proof for Lemma implies_functionality_wrt_iff:

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⊢∀P1,P2,Q1,Q2:ℙ. (P1 ⇔ P2) ⇒ (Q1 ⇔ Q2) ⇒ {(P1 ⇒ Q1) ⇔ (P2 ⇒ Q2)}
  by ((((((Unfold 'guard' 0)
    CollapseTHEN (GenUnivCD)).)
    CollapseTHEN (HypBackchain)).
  )
  CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)
  )) (first_tok :t) inil_term))).
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