

Inference at *
of proof for Lemma and_functionality_wrt_iff:

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⊢∀P1,P2,Q1,Q2:ℙ. (P1 ⇔ P2) ⇒ (Q1 ⇔ Q2) ⇒ ((P1 ∧ Q1) ⇔ (P2 ∧ Q2))  
by (((GenUnivCD  
CollapseTHENM (HypBackchain)).)  
CollapseTHEN (  
  (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).
```